



New Public School at Smalls Road, Ryde

Ryde, NSW



CONRAD GARGETT

Brisbane Studio

Level 26 / 240 Queen Street
Brisbane Qld 4000

GPO Box 170 Brisbane Qld
4001 Australia

Telephone +61 7 3229 3555
Facsimile +61 7 3221 7878
mail@conradgargett.com.au
www.conradgargett.com.au

Contents

- LA 001 Cover Page
- LA 002 Content and Drawing Register Page
- LA 003 Design Rationale
- LA 004 Learning Experiences
- LA 005 Design Inspiration
- LA 006 Landscape Design Intent
- LA 007 Landscape Masterplan
- LA 008 Level Diagram
- LA 009 Circulation and Functional Diagram
- LA 010 Existing Trees to be Retained
- LA 011 Design Inspiration - Character Areas
- LA 012 Design Inspiration - Character Style
- LA 013 Landscape Concept - Hardscape
- LA 014 Landscape Concept - Softscape
- LA 015 Material Palette - Hardscape
- LA 016 Material Palette - Softscape

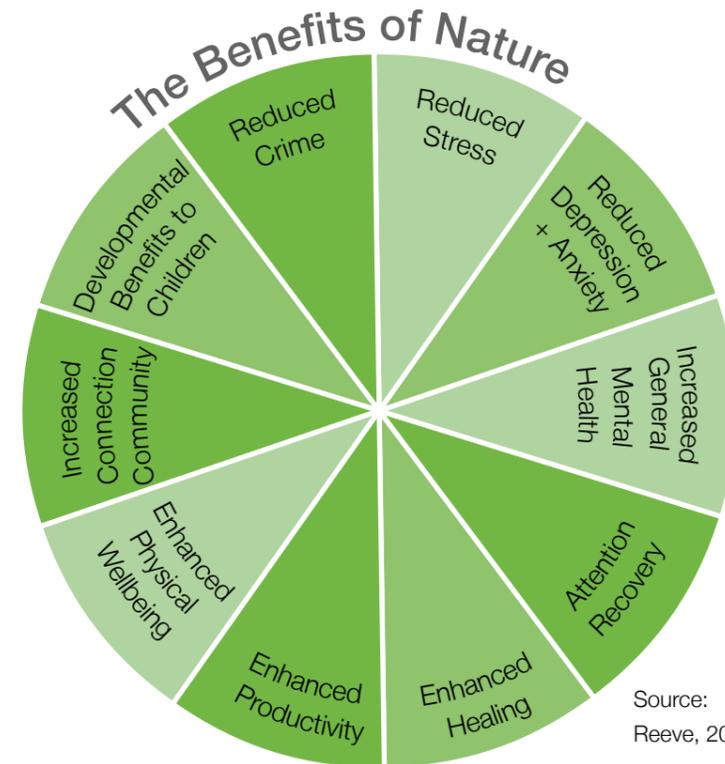
Revision	Description	Issue Date	Prepared By	Approved By
A	Preliminary Issue	29/09/2017	Megan Randerson	Katharina Nieberler-Walker

This report is produced by CONRAD GARGETT for NSW Education.

PROJECT OVERVIEW

In response to projected enrolment growth in the local area, Smalls Road School is a new Kindergarten to Year 6 public school located on Smalls Road, Ryde. The School will have space for up to 1000 students. The school will deliver new future focused learning spaces, a new hall, library and covered outdoor learning areas.

THE LANDSCAPE DESIGN LENS



The intent of the design is to create a landscape that will provide both a PLACE FOR LEARNING and a PLACE FOR NATURE for all staff, students, teachers, guardians and visitors.

DESIGN OBJECTIVE - "C.A.R.E."

CREATE landscape spaces that encourage interaction and communication among children and that is conducive to meeting or gathering for learners and staffs of different ages, social and cultural background.

ACTIVATE multi-functional and flexible spaces that can accommodate varied functions and activities that will allow children to explore, engage and reach beyond their comfort zone.

REMAKE outdoor learning environments that enhance the wellbeing of children and staffs, forms integral part of teaching and learning, and reinforces positive behavior among children / learners such as spaces for reflection and taking time-out.

ENGAGE learners and staff in preserving the school's native bush and green environment by providing a place that showcase the natural environment.





LEARNING EXPERIENCES

OPPORTUNITIES FOR MANY THINGS

- DISCOVERY
- STIMULATING
- PARTICIPATION
- RELAXATION
- GEOGRAPHY
- GEOMETRY
- CALCULATIONS
- ACADEMICS
- CULTURE
- TECHNOLOGY
- RESOURCES
- MAPPING
- DIGITAL MEDIA
- ARTS
- AMENITY
- INCLUSIVE
- TIME OF DAY
- NUMBERS
- WELLBEING
- SOCIAL SKILLS
- POETRY
- EXPERIEMENTS
- SPORTS
- COMMUNITY EVENTS
- DIMENSIONS
- OUTDOOR ACTIVITIES
- PASSIVE AND ACTIVE RECREATION
- COLOUR
- HABITAT
- REFUGE
- ANIMALS AND PLANTS
- APPRECIATION
- MUSIC & DANCE
- EXPRESSION

DESIGN INSPIRATION

SYDNEY LANDSCAPE AS A LEARNING ENVIRONMENT

“For tens of thousands of years, the lives and sense of cultural identity of Indigenous Australians were inextricably linked to the land, its forms, flora and fauna. Today, the identity of all Australians is shaped by a relationship with the natural environment.”

(<http://www.australia.gov.au/about-australia/our-country/our-natural-environment>)

Landscape Spaces as windows to....



SYDNEY BASIN



FORESTS & WOODLANDS



GRASSLANDS

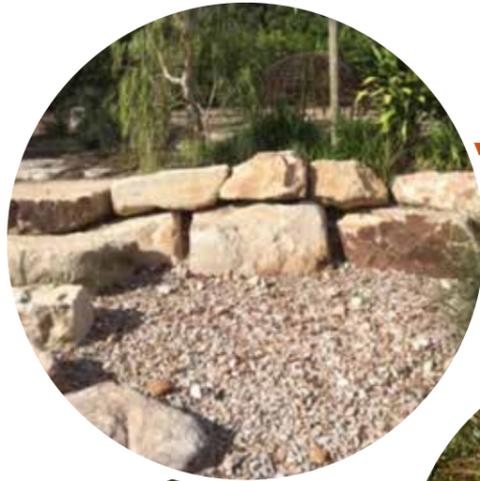
Creating a learning journey through the landscapes that forms the Sydney Basin...

LANDSCAPE DESIGN INTENT

Open grassed area / activity lawn for varied play activities and programs



Playful, interactive and nature-based play areas to invite discovery, imagination and physical activities



Create flexible landscape spaces that cater various activities such as play, outdoor learning, assembly, meeting, gathering or areas for time-out for students, staffs and visitors to enjoy.

Provide nature-based landscape spaces that will provide students opportunities to explore and experience the natural environment such as soil, water, plants and habitats. Create spaces that will provide students access to fresh air and sunlight.



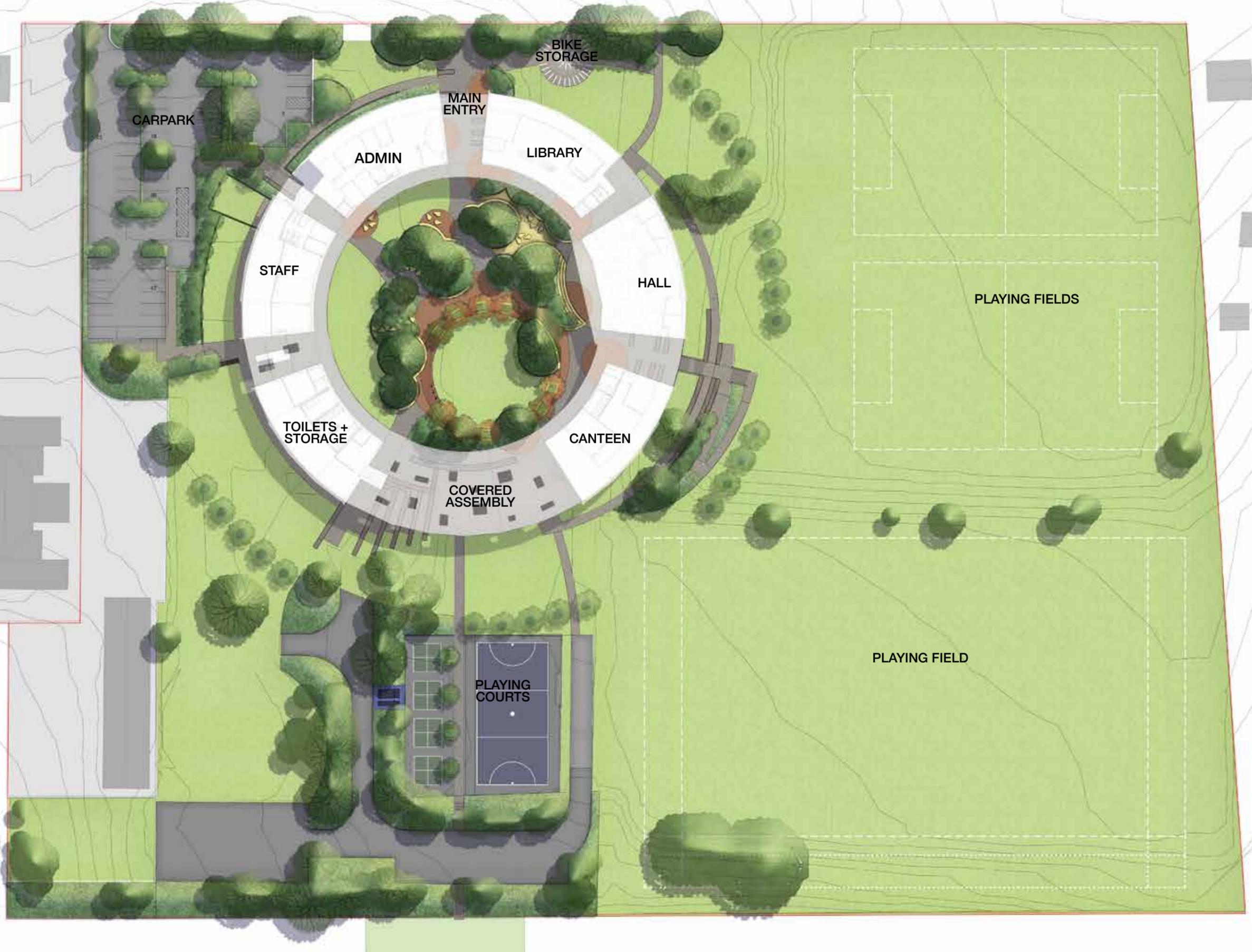
Seasonal interest through flowering trees and shrubs

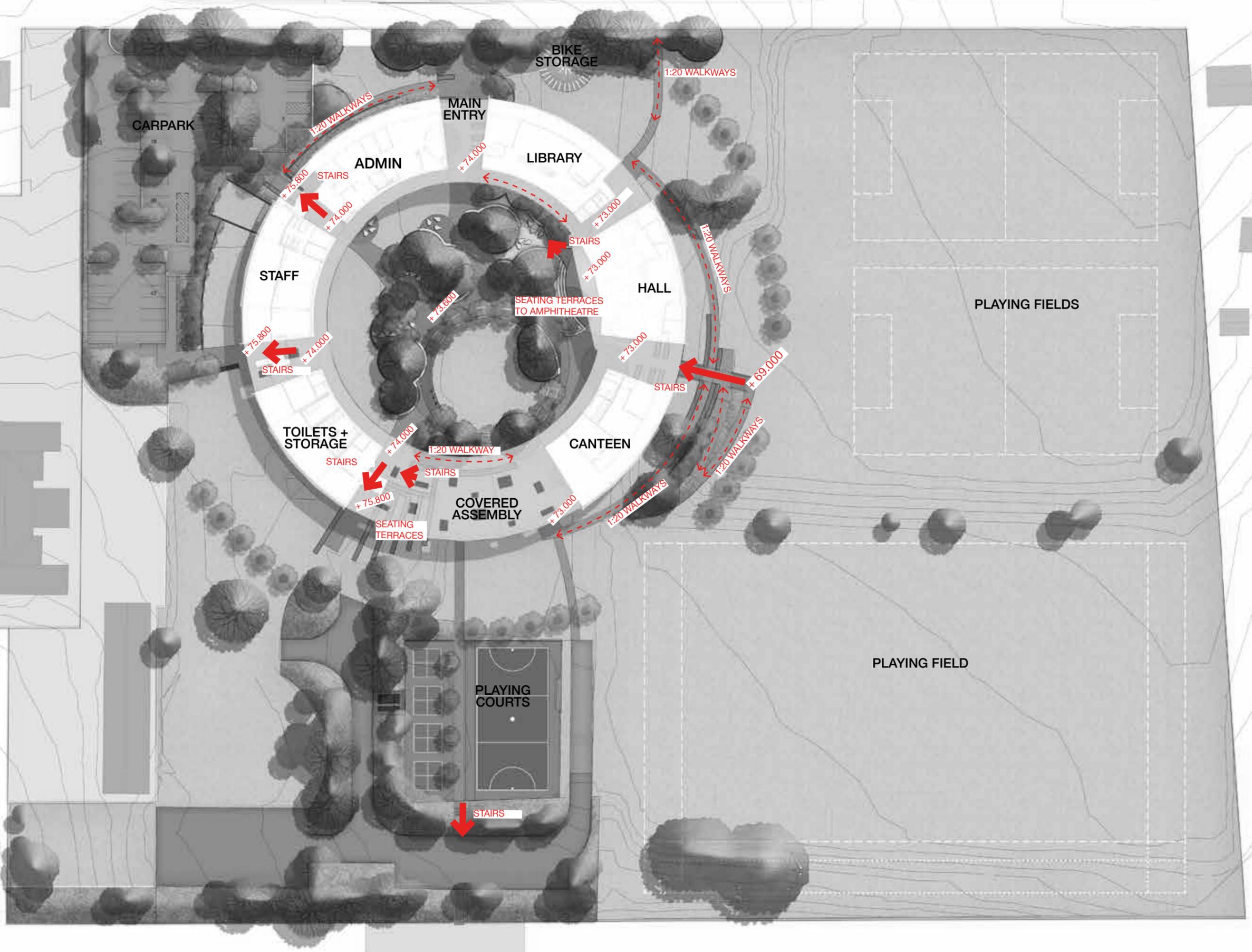
Terraced Seating Area to complement level change and to cater assemblies and gatherings

Small group seating areas and edges

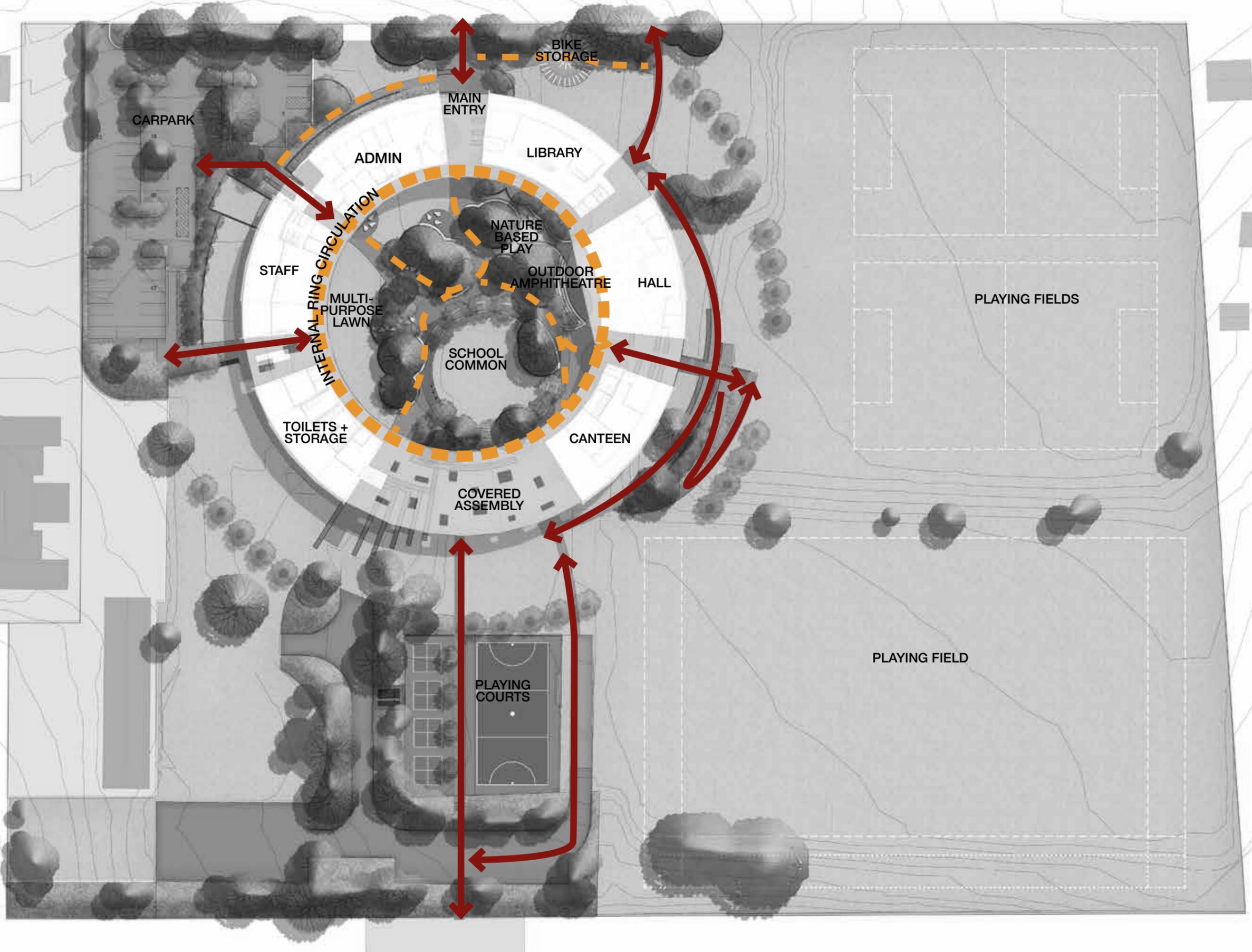


SMALLS ROAD

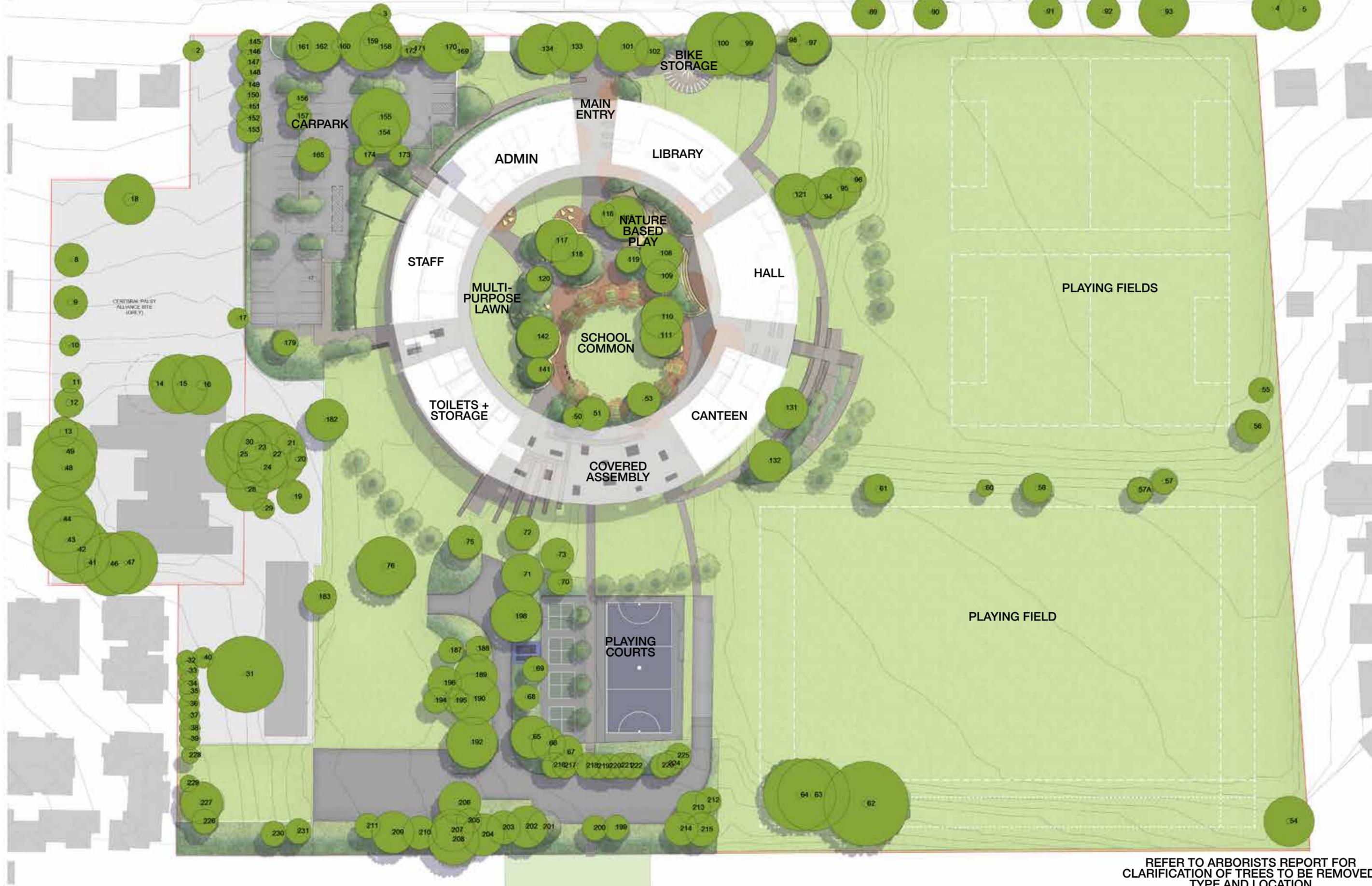




SMALLS ROAD



SMALLS ROAD



REFER TO ARBORISTS REPORT FOR CLARIFICATION OF TREES TO BE REMOVED, TYPE AND LOCATION

<p>CLIENT NSW GOVERNMENT Education</p>	<p>PROJECT MANAGER coffey</p>	<p>ARCHITECT CONRAD GARGETT ANCHER MORTLOCK WOOLLEY</p>	<p>PROJECT New Public School at Smalls Road, Ryde</p>	<p>INTERNAL PROJECT No: 16 321</p> <p>DATE: 02/06/2017</p>	<p>NORTH</p> <p>©CONRAD GARGETT ANCHER MORTLOCK WOOLLEY mail@conradgargett.com.au ARB49 325 121 350 DO NOT SCALE DRAWING & VERIFY ALL DIMENSIONS AND LEVELS ON SITE</p>	<p>DRAWING EXISTING TREES TO BE RETAINED</p>	<p>REV A DESCRIPTION Preliminary</p> <p>DATE 02/06/17</p> <p>APPD KNW</p>	<p>NTS</p> <p>DRAWING No: DA-01-DA-LA-0010-</p> <p>REV: A</p>
--	-----------------------------------	---	---	--	---	--	---	---

FORESTS & WOODLANDS

- 18 Cumberland plain
- Scribbly Gum
- Turpentine -Ironbark
- Blue Gum High
- 30 Eucalypt



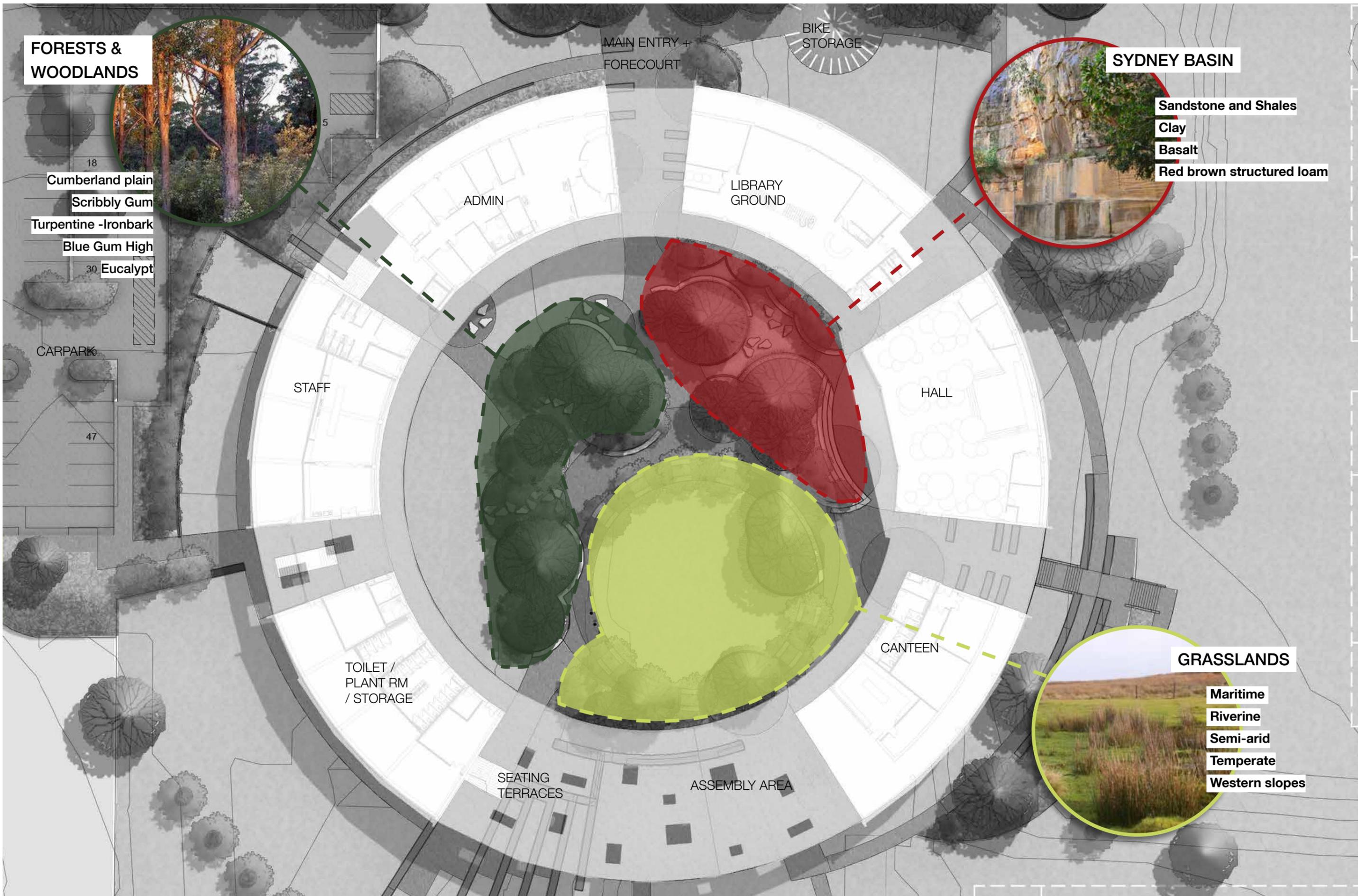
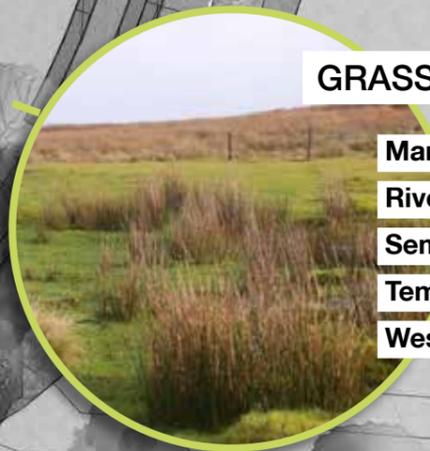
SYDNEY BASIN

- Sandstone and Shales
- Clay
- Basalt
- Red brown structured loam

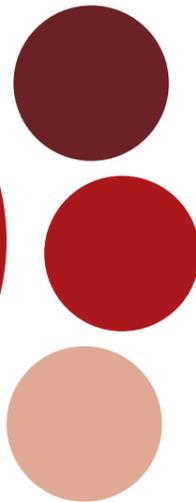


GRASSLANDS

- Maritime
- Riverine
- Semi-arid
- Temperate
- Western slopes



SYDNEY BASIN



FORESTS & WOODLANDS



GRASSLANDS



MATERIALS SELECTION



NATURAL ELEMENTS



SILVER FOLIAGE



TEXTURES

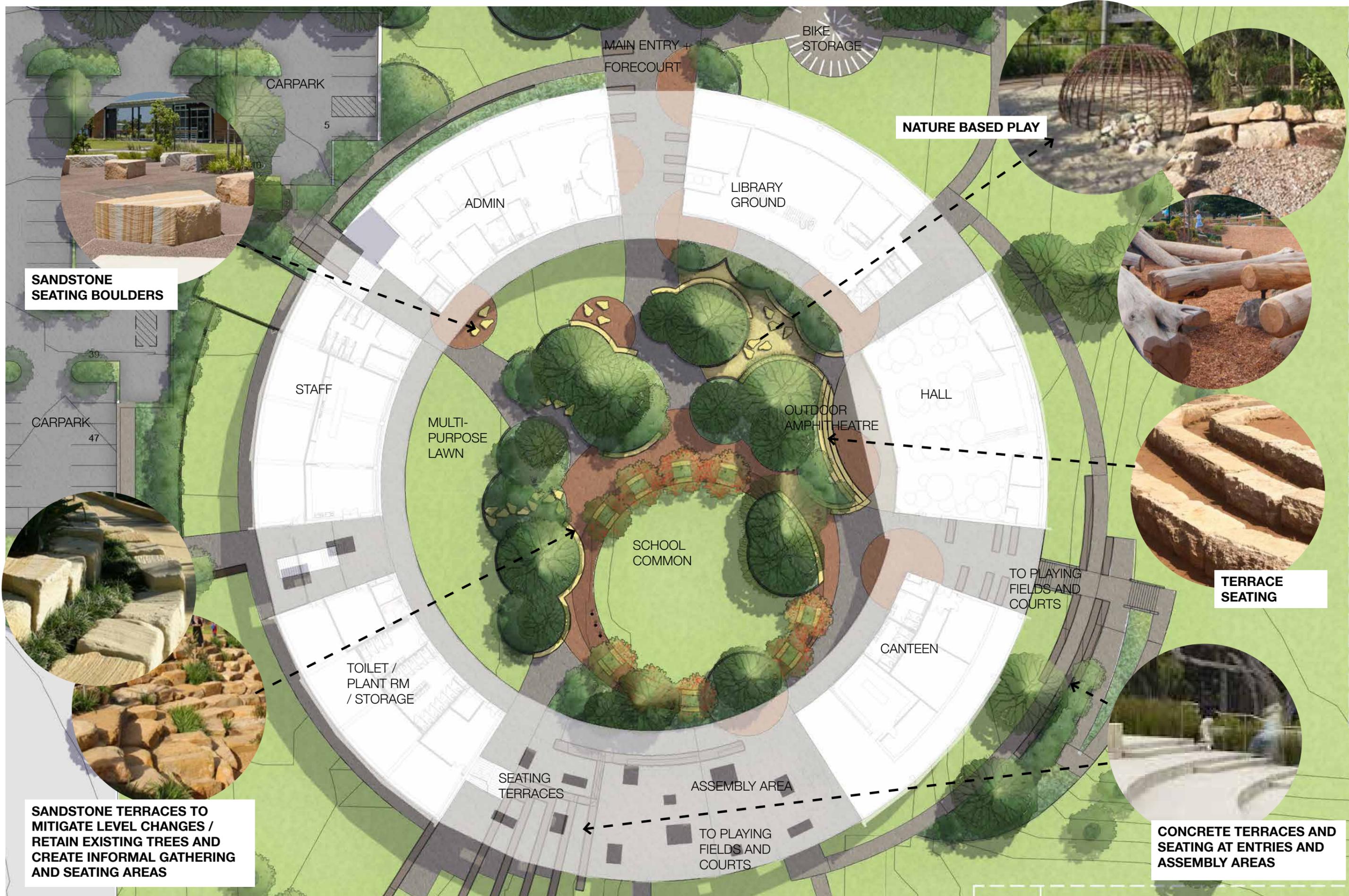


RED FLOWERING PLANTS



YELLOW FLOWERING PLANTS





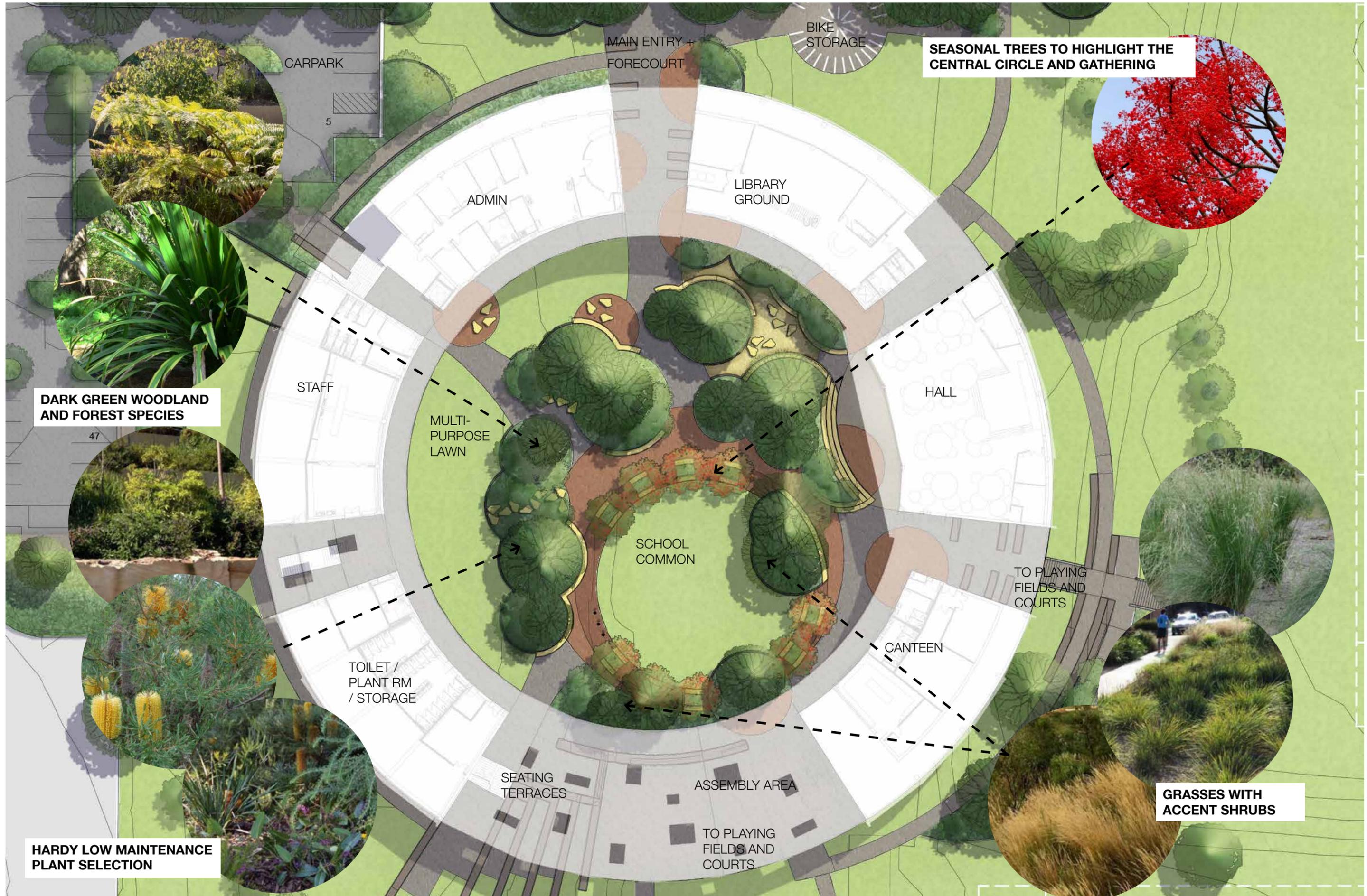
SANDSTONE SEATING BOULDERS

NATURE BASED PLAY

TERRACE SEATING

SANDSTONE TERRACES TO MITIGATE LEVEL CHANGES / RETAIN EXISTING TREES AND CREATE INFORMAL GATHERING AND SEATING AREAS

CONCRETE TERRACES AND SEATING AT ENTRIES AND ASSEMBLY AREAS



PAVING



EXPOSED AGGREGATE
Aggregate: 'Honey Red'
Finish: Light exposed
Full depth concrete colour varies
Supplier: Hanson or equivalent



EXPOSED AGGREGATE
Aggregate: 'Haleys Comet'
Finish: Light exposed
Full depth concrete colour varies
Supplier: Hanson or equivalent



FULL DEPTH COLOURED CONCRETE
Colour: CCS CANVAS



FULL DEPTH COLOURED CONCRETE
Colour: CCS SUNDANCE



FULL DEPTH COLOURED CONCRETE
Colour: CCS CHEROKEE



EXAMPLE OF USE

PAVING



TACTILE INDICATORS
300mm x 300mm x 40mm
Type: Precast concrete paver
Colour: Black
Supplier: Chelmsstone or equivalent



SANDSTONE CRAZY PAVE

SOFTFALL



SAND



BARK

EDGES



GARDEN EDGE
150mm x 150mm
Plain Grey Concrete

WALLS AND SEATS



random boulder seats



Sawn sandstone blocks

FURNITURE



2600mm (L) x 755mm (H) x 620mm (D)
Frame: Black Powder Coated Steel,
Cladding: Black Powder Coated Steel,
Slats: Select Timber Hardwood
Supplier: MOS or equivalent



2600mm (L) x 720mm (H) x 1780mm (D) -
Frame: Black Powder Coated Steel,
Cladding: Black Powder Coated Steel,
Slats: Select Timber Hardwood
Supplier: MOS or equivalent

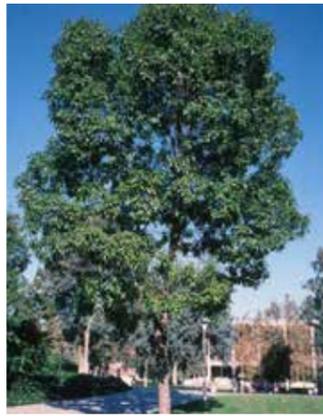


600mm (W) x 1240mm (H) x 605mm (D) -
Cladding: Black Powder Coated Steel,
Chute and Cover: Black Powder Coated Steel
Slats: Select Timber Hardwood
Supplier: MOS or equivalent

TREES



Banksia integrifolia
COAST BANKSIA
3.5m Height x 2.0m Spread



Lophostemon confertus
BRUSH BOX
4.5m Height x 2.5m Spread



Syncarpia glomulifera
TURPENTINE TREE
5m Height x 3m Spread



Syzygium australe
BRUSH CHERRY
3.5m Height x 2.0m Spread



Brachychiton acerifolius
FLAME TREE
5m Height x 3m Spread



Alloxylon flammeum
TREE WARATAH
6m Height x 3m Spread



Banksia robur
SWAMP BANKSIA
2.5m Height x 2.0m Spread

SHRUBS



Banksia spinulosa
HAIRPIN BANKSIA
200mm min. pot size



Doryanthes excelsa
GYMEA LILY
200mm min. pot size



Westringia fruticosa
COASTAL ROSEMARY
200mm min. pot size



Lomandra longifolia
MAT-RUSH
140mm min. pot size



Themeda australis
KANGAROO GRASS
140mm min. pot size



Chrysocephalum apiculatum
YELLOW BUTTONS
140mm min. pot size



Isolepis nodosa
CLUB RUSH
140mm min. pot size



Myoporum ellipticum
CREEPING BOOBIALLA
140mm min. pot size

GROUNDCOVERS AND TURF



Viola hederacea
NATIVE VIOLET
140mm min. pot size



Cynodon dactylon
GREEN COUCH



Stenotaphrum secundatum
BUFFALO GRASS (for shaded area)

GENERAL PLANTING NOTES

- Provide low maintenance planting with minimal water requirements
- Retain and protect existing trees where possible
- Provide low planting where sight lines are to be maintained (CPTED)
- Reflect the existing landscape character
- Improve school amenity and microclimates
- Provide screening and buffer planting where required