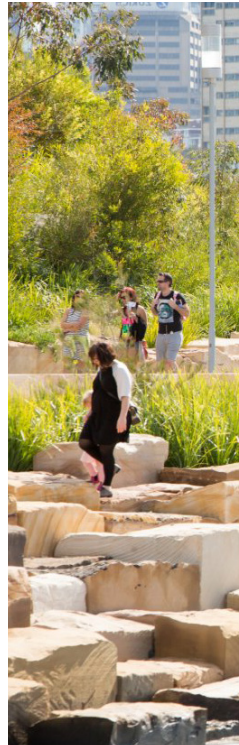


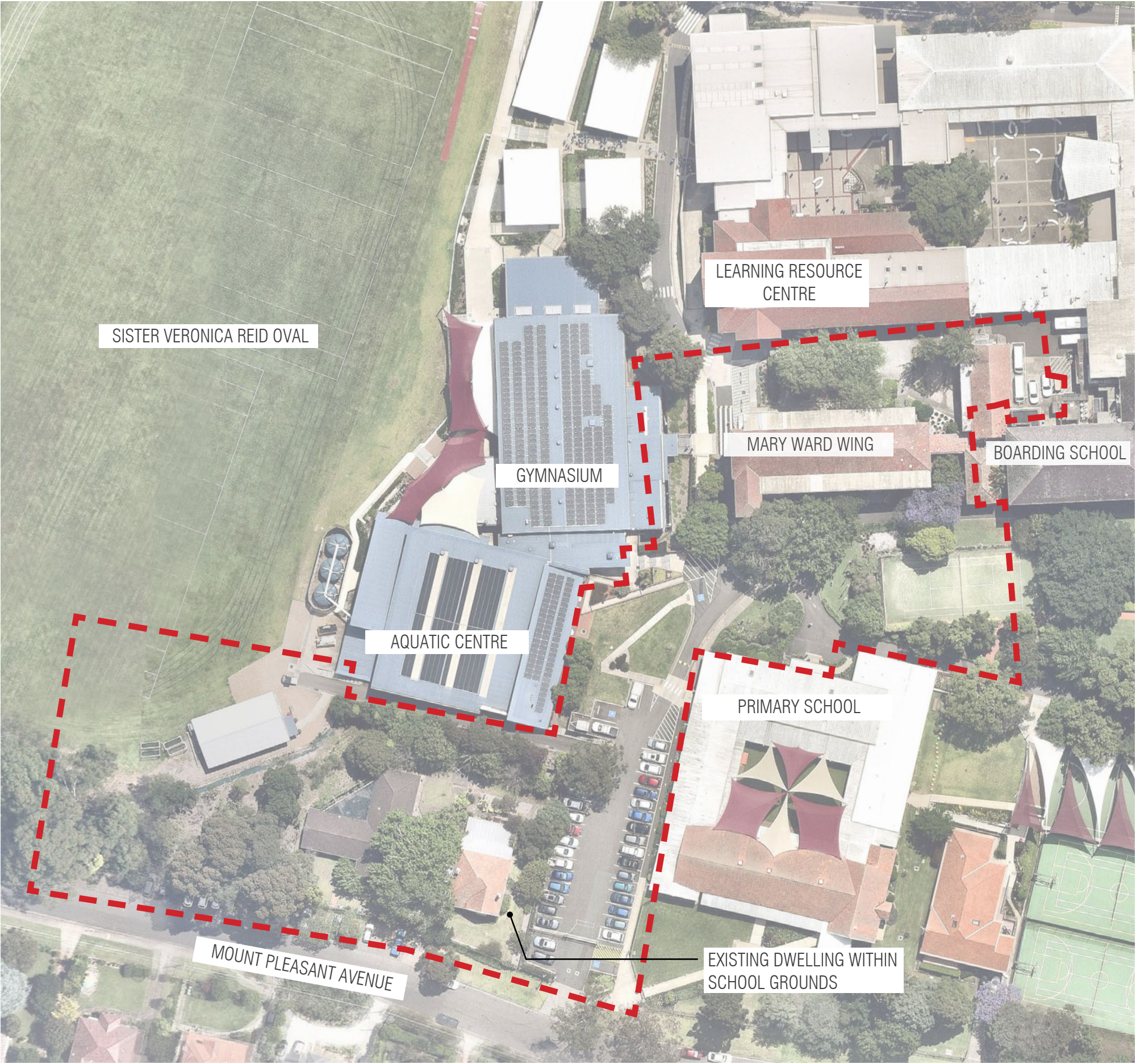
LORETO NORMANHURST
*STATE SIGNIFICANT DEVELOPMENT APPLICATION
(LANDSCAPE CONCEPT MASTERPLAN STAGE 1 WORKS)
REVISION C*

JULY 2021



OCULUS

STAGE 1 EXISTING SITE CONTEXT



DRAWING REGISTER

DWG NUMBER	TITLE
L-000	STAGE 1 EXISTING SITE CONTEXT & DRAWING REGISTER
L-001	EXISTING SITE IMAGES
L-002	EXISTING SITE MASTERPLAN
L-003	PROPOSED LANDSCAPE MASTERPLAN
L-004	PROPOSED VEHICULAR & PEDESTRIAN MOVEMENT MASTERPLAN
L-005	STAGE 1 PROPOSED CONCEPT MASTERPLAN
L-006	STAGE 1 KEY PLAN
L-100	BOARDING SCHOOL TREE RETENTION & REMOVAL PLAN
L-101	MARY WARD TREE RETENTION & REMOVAL PLAN
L-102	BOARDING SCHOOL LANDSCAPE ZONING PLAN (GROUND FLOOR)
L-103	BOARDING SCHOOL LANDSCAPE ZONING PLAN (ROOF LEVEL)
L-104	LANDSCAPE ZONING - DESIGN INTENT
L-105	LANDSCAPE PLAN - BOARDING HOUSE
L-106	LANDSCAPE PLAN - MARY WARD
L-200	BOARDING SCHOOL GROUND FLOOR LANDSCAPE KEY PLAN
L-201	MARY WARD LANDSCAPE KEY PLAN
L-202	BOARDING SCHOOL LOWER GROUND LANDSCAPE PLAN (1 OF 6)
L-203	BOARDING SCHOOL UPPER GROUND LANDSCAPE PLAN (2 OF 6)
L-204	BOARDING SCHOOL UPPER GROUND LANDSCAPE PLAN (3 OF 6)
L-205	BOARDING SCHOOL UPPER GROUND LANDSCAPE PLAN (4 OF 6)
L-206	GARDEN PLAZA LANDSCAPE PLAN (5 OF 6)
L-207	MARY WARD LANDSCAPE PLAN (6 OF 5)
L-300	BOARDING SCHOOL LANDSCAPE SECTIONS
L-301	BOARDING SCHOOL LANDSCAPE SECTIONS
L-302	BOARDING SCHOOL SECTION THROUGH EXISTING TREE
L-303	MARY WARD LANDSCAPE SECTION
L-400	BOARDING SCHOOL FENCE ARRANGEMENT PLAN
L-401	MARY WARD FENCE ARRANGEMENT PLAN
L-500	INDICATIVE MATERIAL PALETTE
L-501	PLANTING PALETTE & INDICATIVE PLANT SCHEDULE
L-502	PLANTING PALETTE & INDICATIVE PLANT SCHEDULE
L-503	BOARDING SCHOOL DEEP SOIL PLAN
L-504	MARY WARD DEEP SOIL PLAN
L-505	BOARDING SCHOOL TREE PLANTING PLAN
L-506	MARY WARD TREE PLANTING PLAN
L-507	TECHNICAL MAINTENANCE

Existing Aerial Photo showing site context and boundary outline (Source: Nearmap 2018)

EXISTING SITE IMAGES



1. View south from Mount Pleasant St



2. Existing terracing, maintenance ramp & steps along the western edge, between the site and the Aquatic Centre



3. View east within the Teresa Ball carpark



4. View south from within the Mary Ward courtyard showing the existing furniture, paving and trees



5. View from the oval sportsfield looking north towards the site and Aquatic Centre



6. View from within the site overlooking the southern boundary towards the sportsfield



7. Existing trees on the site with the spotted gum tree (T209) to be retained in the foreground. Refer to the Arborist Report for further details



8. View northwards within the Mary Ward Precinct showing the existing vehicular ramp and level changes

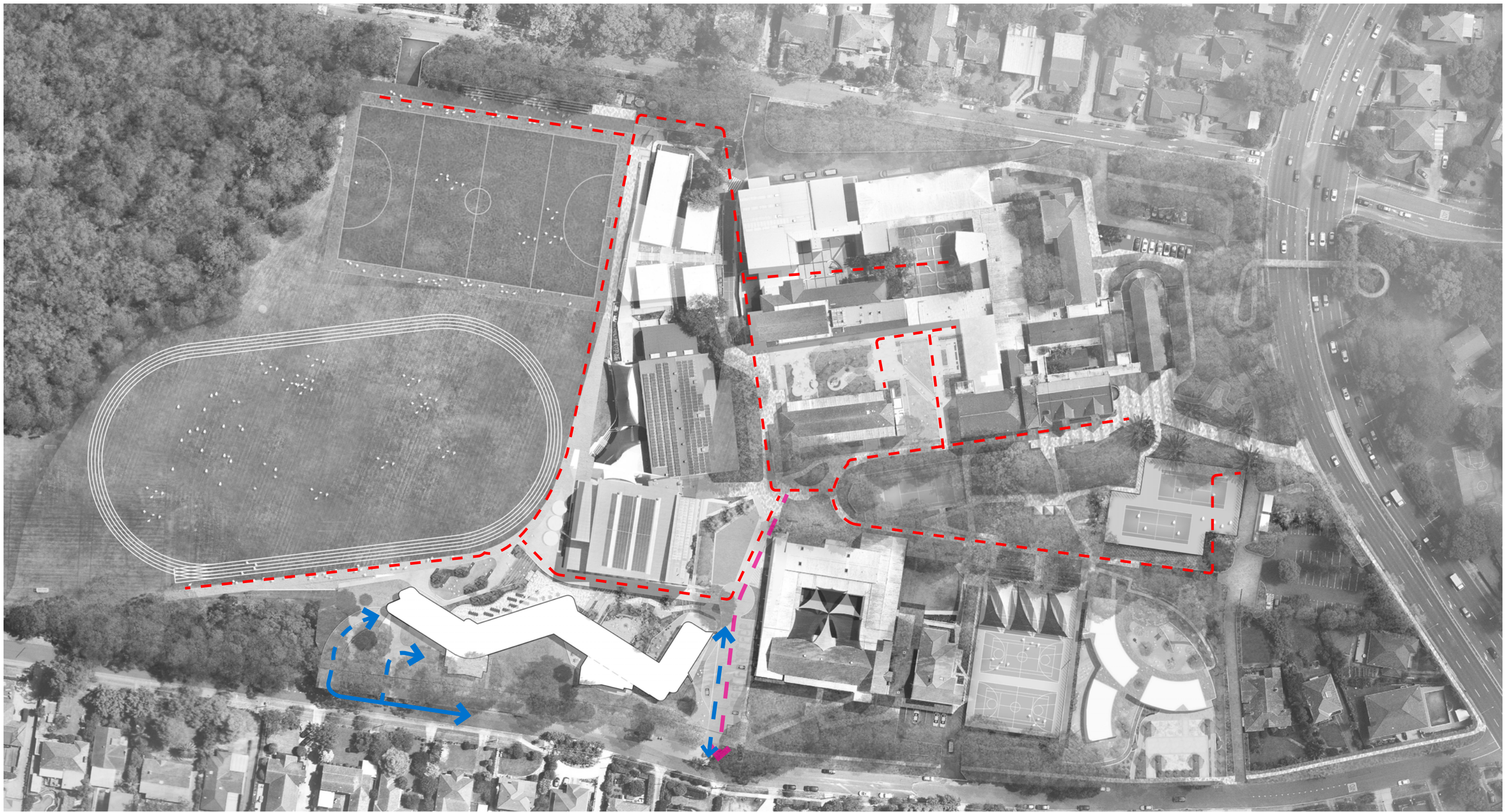
EXISTING SITE MASTERPLAN



PROPOSED LANDSCAPE MASTERPLAN



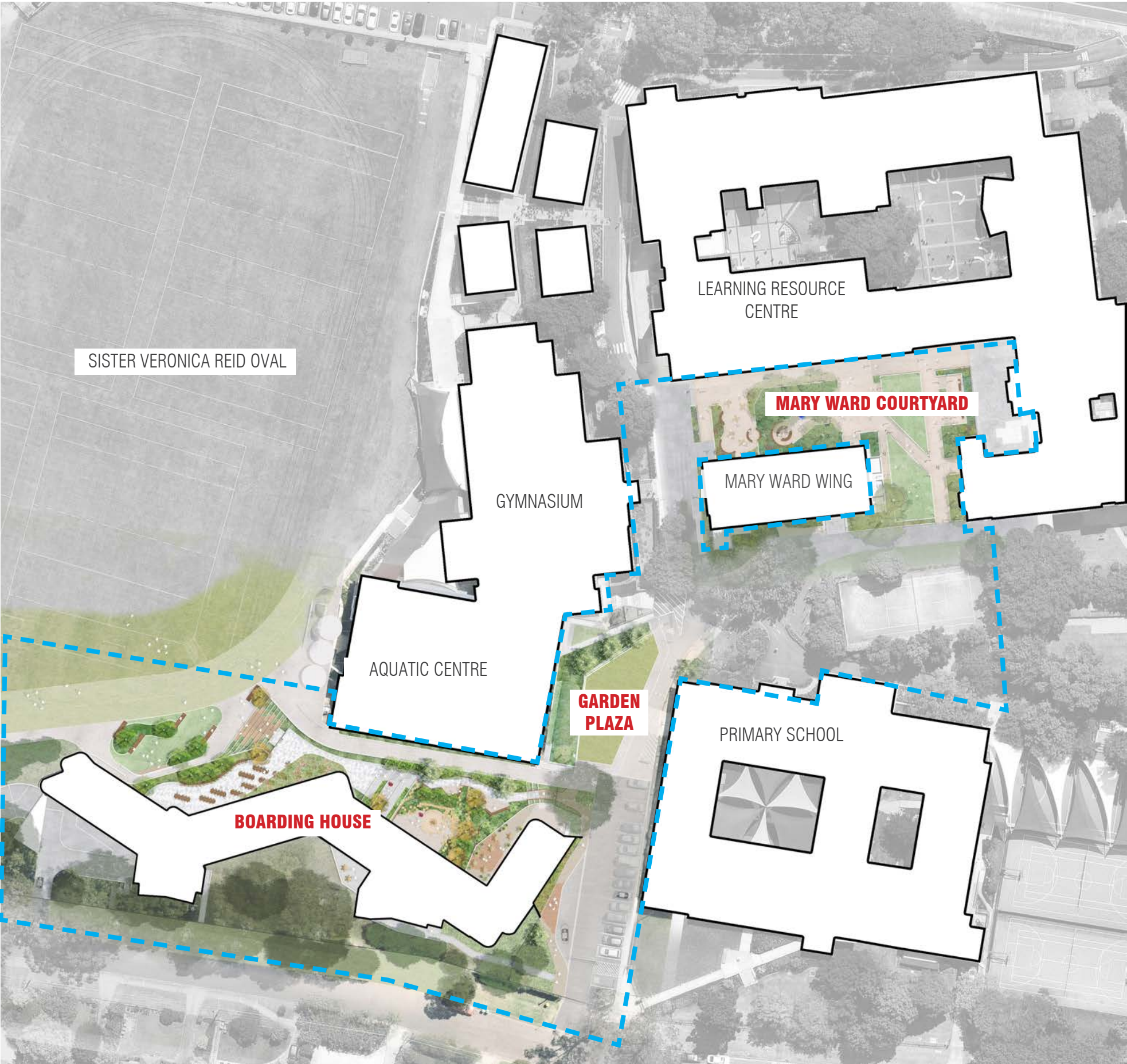
PROPOSED VEHICULAR & PEDESTRIAN MASTERPLAN



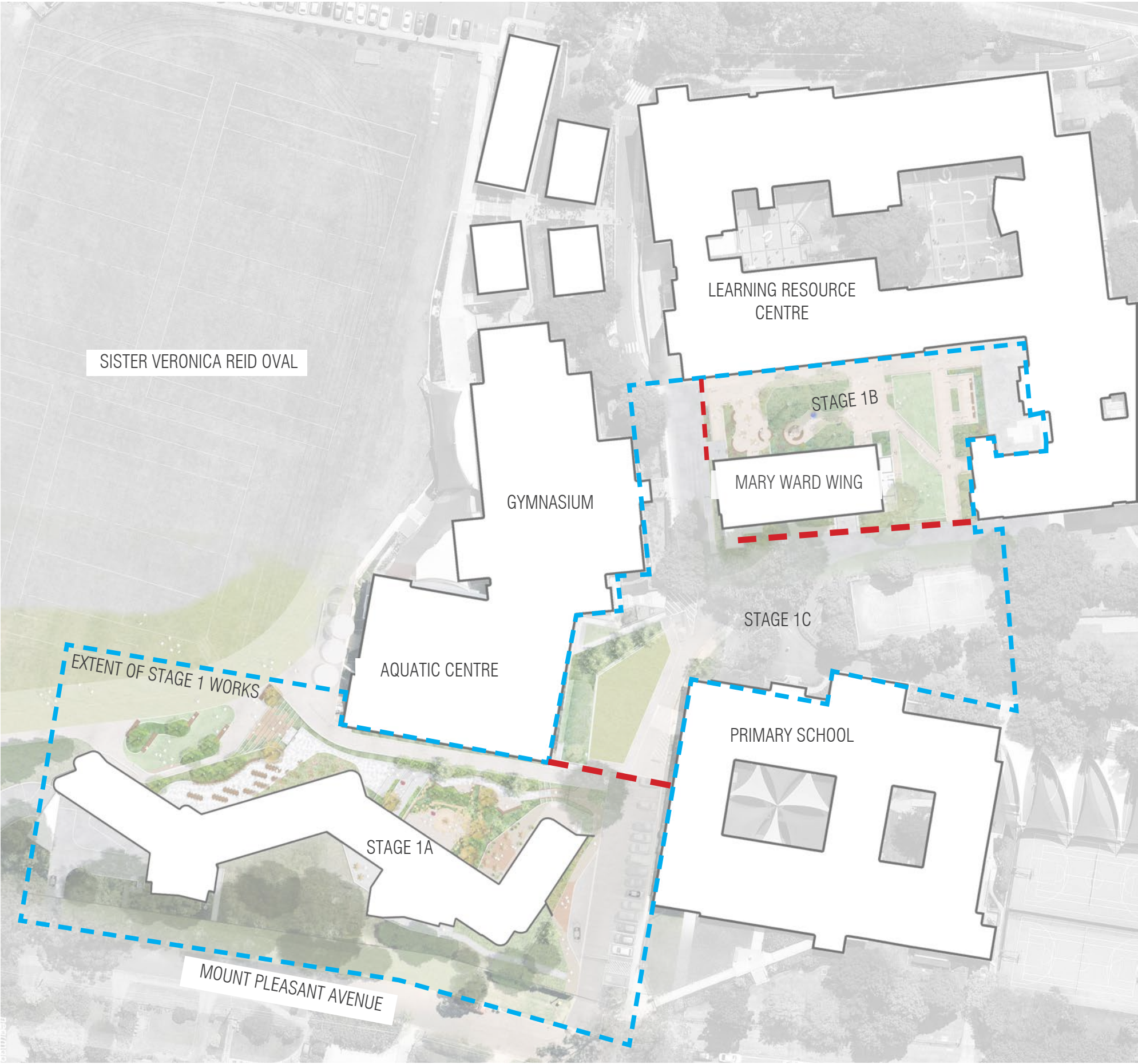
- LEGEND
- Car parking and delivery access
 - Additional Emergency Vehicle Access
 - Maintenance Buggy Access

REV	DATE	STATUS	INITIALS
A	15/01/19	SSDA	EP
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STAGE 1 CONCEPT MASTERPLAN



STAGE 1 STAGING WORKS PLAN



LEGEND

EXTENT OF STAGE 1 WORKS

STAGING WORKS BOUNDARY LINE

STAGE 1A BOARDING HOUSE AND ASSOCIATED LANDSCAPE WORKS

STAGE 1B DEMOLITION EXISTING BOARDING SCHOOL AND CONSTRUCTION MARY WARD COURTYARD

STAGE 1C TEMPOARY WORKS AND GARDEN PLAZA LANDSCAPE WORKS

REV	DATE	STATUS	INITIALS
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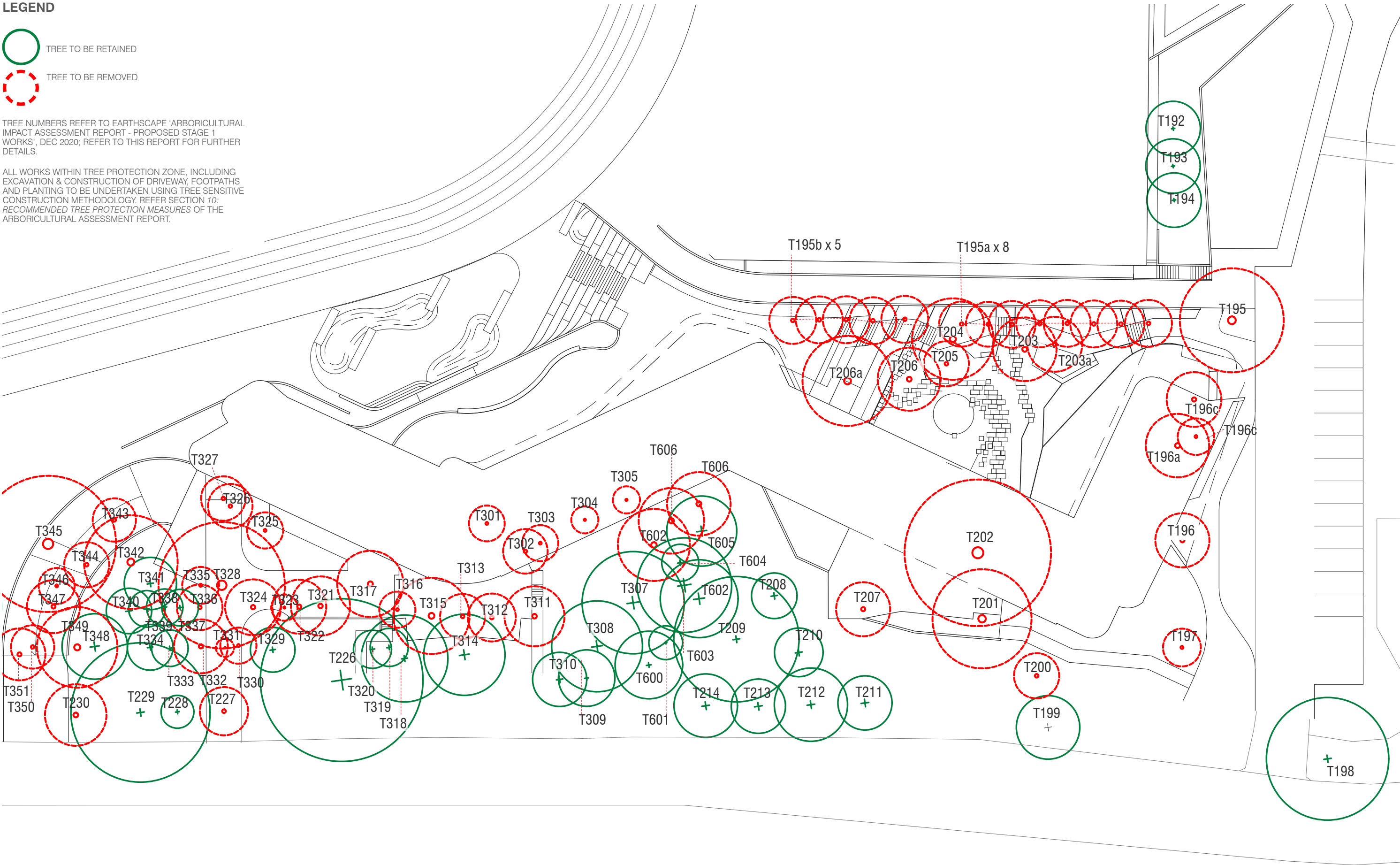
BOARDING SCHOOL TREE RETENTION & REMOVAL PLAN

LEGEND

- TREE TO BE RETAINED
- TREE TO BE REMOVED

TREE NUMBERS REFER TO EARTHSCAPE 'ARBORICULTURAL IMPACT ASSESSMENT REPORT - PROPOSED STAGE 1 WORKS', DEC 2020; REFER TO THIS REPORT FOR FURTHER DETAILS.

ALL WORKS WITHIN TREE PROTECTION ZONE, INCLUDING EXCAVATION & CONSTRUCTION OF DRIVEWAY, FOOTPATHS AND PLANTING TO BE UNDERTAKEN USING TREE SENSITIVE CONSTRUCTION METHODOLOGY. REFER SECTION 10: RECOMMENDED TREE PROTECTION MEASURES OF THE ARBORICULTURAL ASSESSMENT REPORT.



REV	DATE	STATUS	INITIALS
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C	16/07/21	SSDA Revision	AK

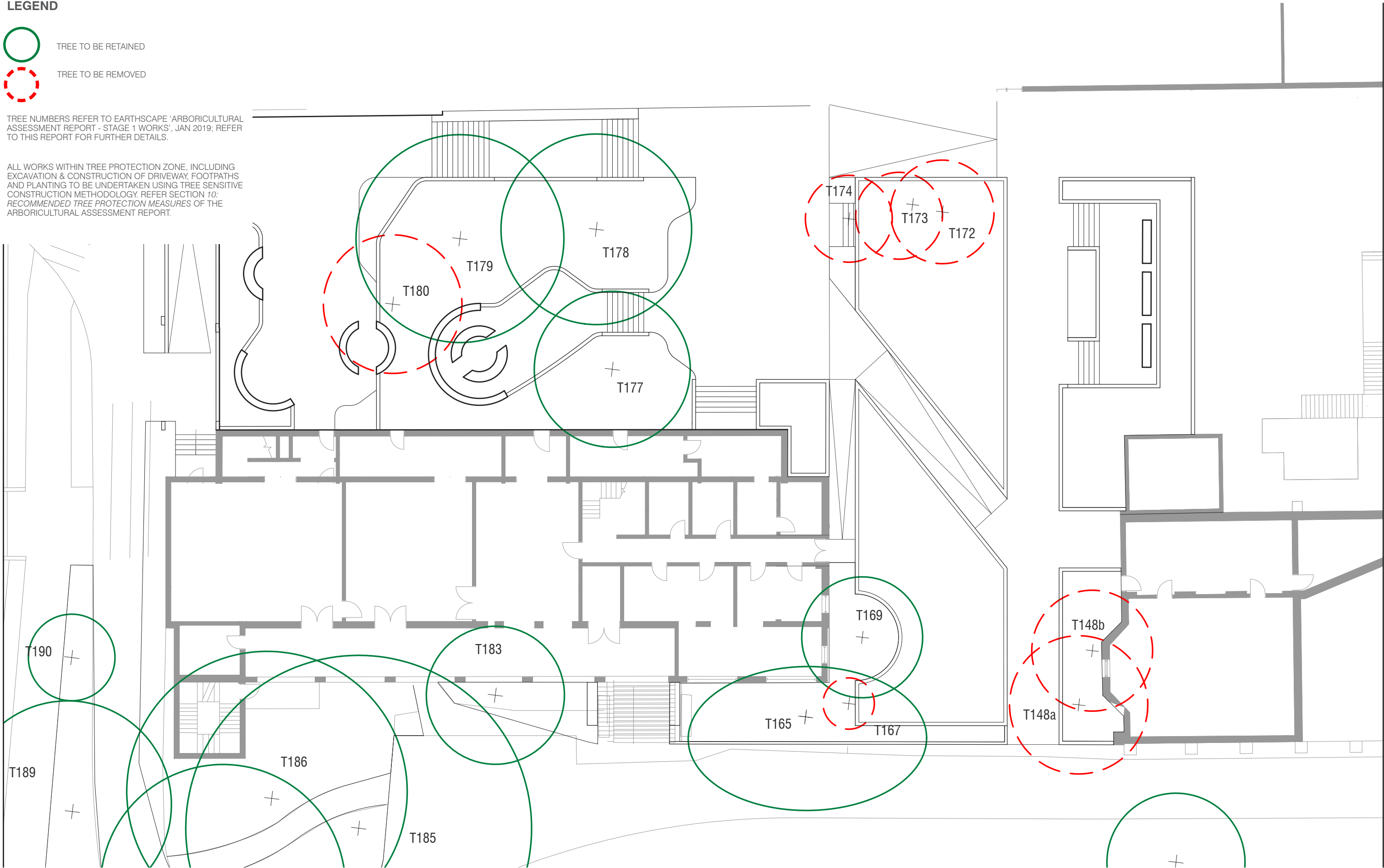
MARY WARD COURTYARD TREE RETENTION & REMOVAL PLAN

LEGEND

- TREE TO BE RETAINED
- TREE TO BE REMOVED

TREE NUMBERS REFER TO EARTHSCAPE 'ARBORICULTURAL ASSESSMENT REPORT - STAGE 1 WORKS', JAN 2019; REFER TO THIS REPORT FOR FURTHER DETAILS.

ALL WORKS WITHIN TREE PROTECTION ZONE, INCLUDING EXCAVATION & CONSTRUCTION OF DRIVEWAY, FOOTPATHS AND PLANTING TO BE UNDERTAKEN USING TREE SENSITIVE CONSTRUCTION METHODOLOGY. REFER SECTION 10: RECOMMENDED TREE PROTECTION MEASURES OF THE ARBORICULTURAL ASSESSMENT REPORT.



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p. 02 9557 5533 sydney@oculus.info



loretonormanhurst

AJ+C
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STAGE 1 WORKS
LORETO NORMANHURST

job no.: S18-031
date: 15.01.21

1:100@A1



L-101

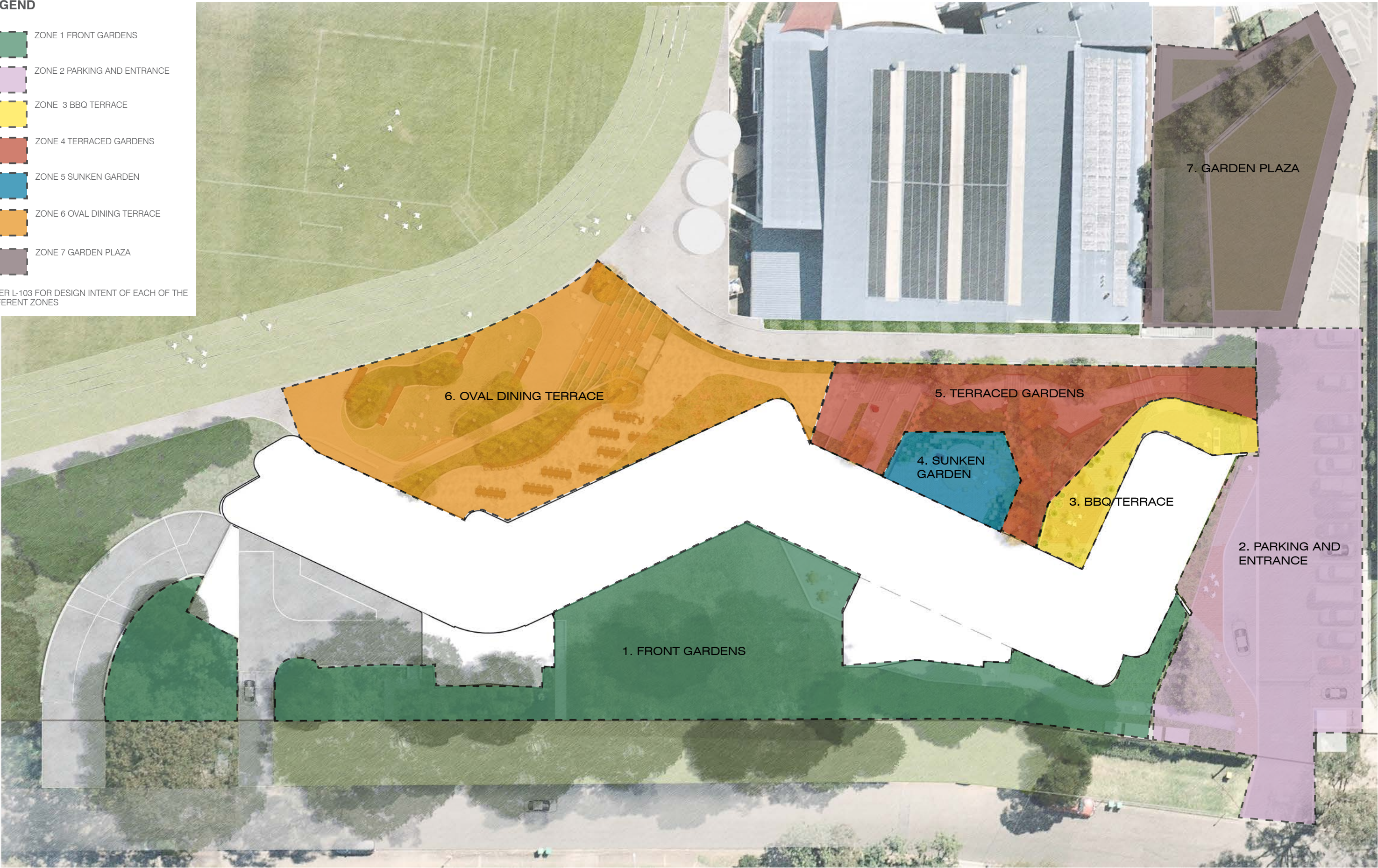
C

BOARDING SCHOOL LANDSCAPE ZONING PLAN (GROUND LEVEL)

LEGEND

- ZONE 1 FRONT GARDENS
- ZONE 2 PARKING AND ENTRANCE
- ZONE 3 BBQ TERRACE
- ZONE 4 TERRACED GARDENS
- ZONE 5 SUNKEN GARDEN
- ZONE 6 OVAL DINING TERRACE
- ZONE 7 GARDEN PLAZA

REFER L-103 FOR DESIGN INTENT OF EACH OF THE DIFFERENT ZONES



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BOARDING SCHOOL LANDSCAPE ZONING PLAN (ROOF LEVEL)

LEGEND

ZONE 8 EXTENSIVE ROOF GARDEN

REFER L-103 FOR DESIGN INTENT OF EACH OF THE DIFFERENT ZONES



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LANDSCAPE ZONING - DESIGN INTENT

ZONE 1 - FRONT GARDENS



- Gardenesque arrival experience
- Inviting and exciting
- Naturalistic planting
- Simple hardscape elements
- Residential scale space

ZONE 4 - SUNKEN GARDEN



- Gas fire pit feature
- Outdoor classroom / story telling space
- Enclosed private space for the boarders only
- Unusal native plant combinations
- Sculpted mounding
- Sandstone 'escarpment' / amphitheatre

ZONE 7 - GARDEN PLAZA



- Large angular lawn areas
- Wide paths for multiple use
- Feature trees to provide shade
- Clean lines and simple paving
- Area for group activities

ZONE 2 - PARKING AND ENTRANCE



- Heritage reference
- Feature brick paving
- Planting buffer to internal lobby

ZONE 5 - TERRACED GARDENS



- Terraced seating areas
- Sculpture walk with rest areas
- Bold & unusual planting form and textures
- Abstracted 'escarpment' typology
- Sharp contrast between textures and forms
- Outdoor classroom spaces

ZONE 8 - EXTENSIVE ROOF GARDEN



- Low hardy ground covers
- Maintenance access only

ZONE 3 - BBQ TERRACE



- Abstracted 'escarpment' typology
- Square sandstone logs
- Timber bench seats
- Minimalist space
- Simple paving
- Simple paving at grade and in raised planters
- Block seating for transitional moments

ZONE 6 - OVAL DINING TERRACE



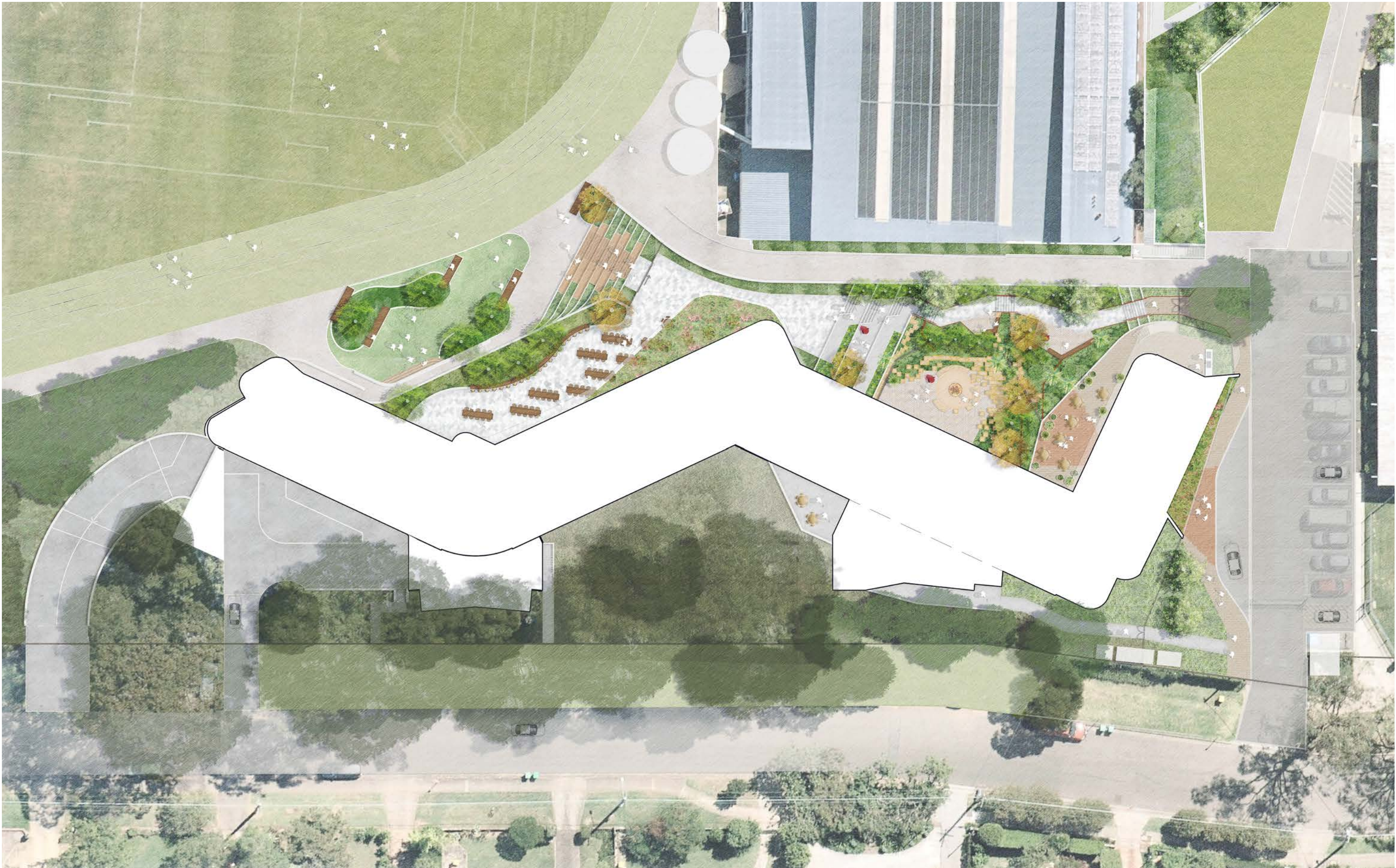
- Outlook across the oval
- Adaptable furniture for flexible use
- Small feature trees to provide shade
- Clean lines and simple paving
- Area for group activities

ZONE 9 - MARY WARD



- Terraced seating areas
- Large shade trees to be retained
- Large formal lawn area

BOARDING SCHOOL LANDSCAPE PLAN



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STAGE 1 WORKS
LORETO NORMANHURST

GROUND FLOOR LANDSCAPE

job no.: S18-031
date:15.01.21

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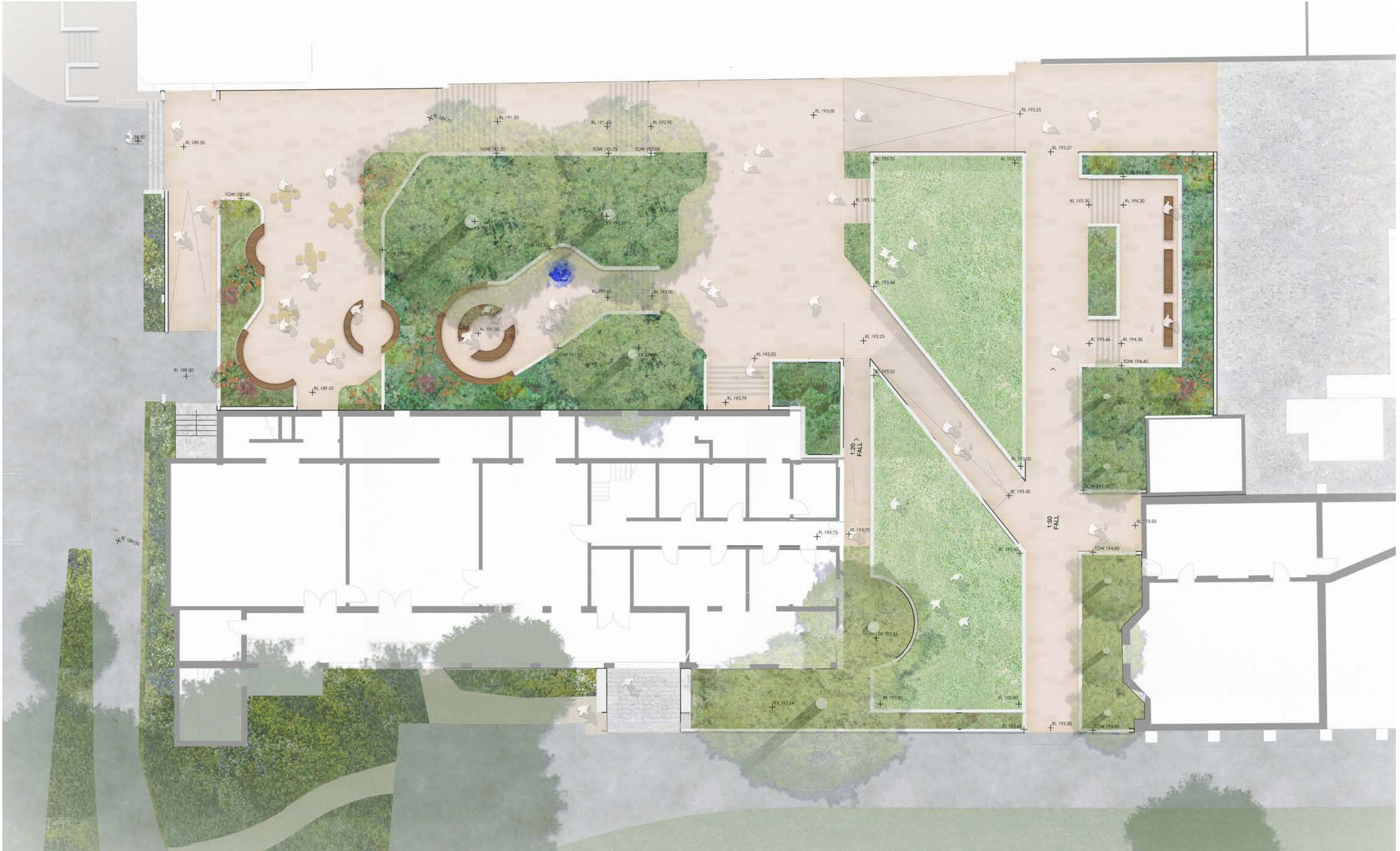
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L-105

C

MARY WARD LANDSCAPE PLAN



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C	16/07/21	SSDA Revision	AK

STAGE 1 WORKS
LORETO NORMANHURST

GROUND FLOOR LANDSCAPE

job no.: S18-031
date:15.01.21

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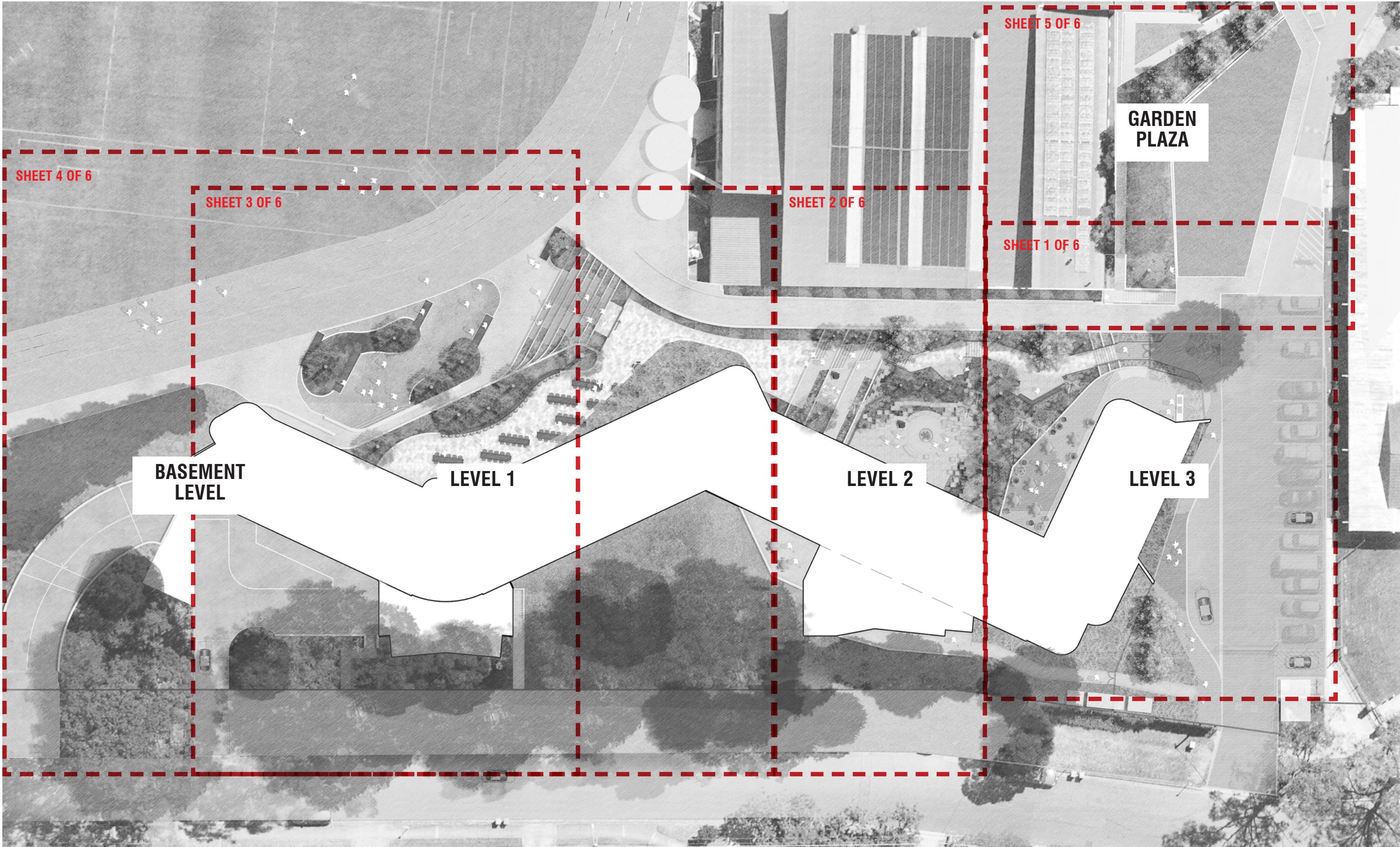
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L-106

C

BOARDING SCHOOL LANDSCAPE KEY PLAN - LEVELS



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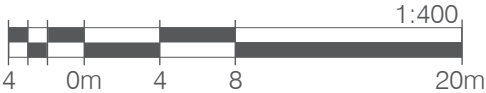
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REV	DATE	STATUS	INITIALS
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STAGE 1 WORKS
LORETO NORMANHURST

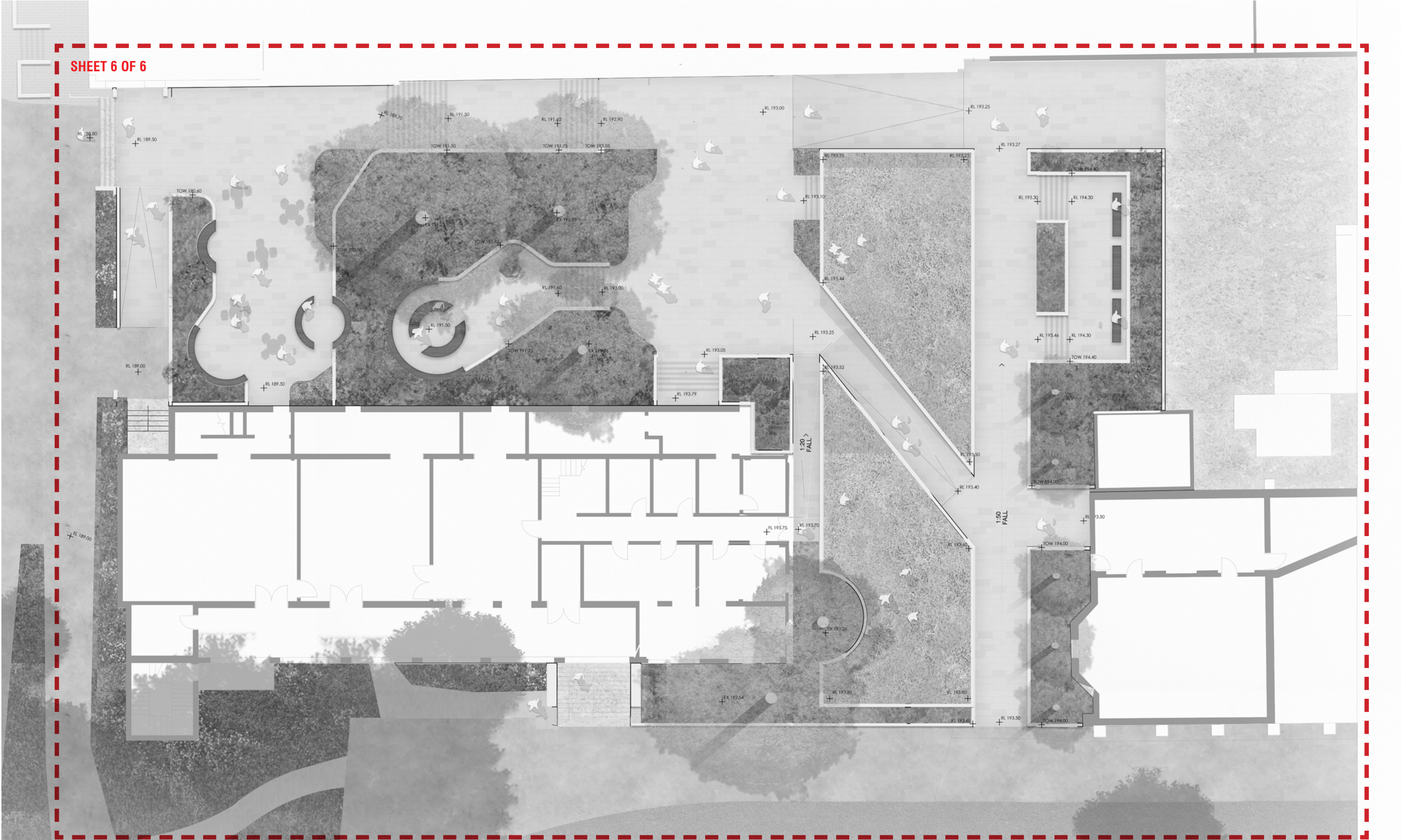
GROUND FLOOR LANDSCAPE
KEY PLAN

job no.: S18-031
date:15.01.21



1:400@A3 L-200 C

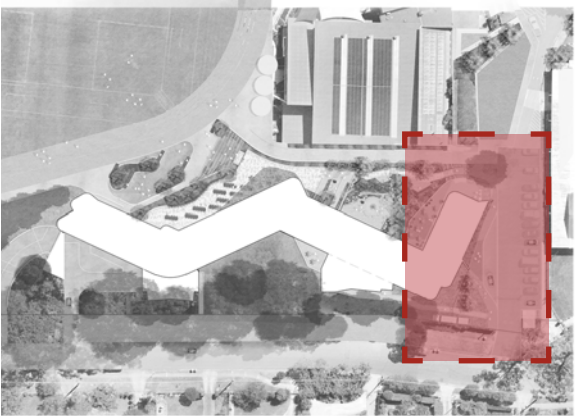
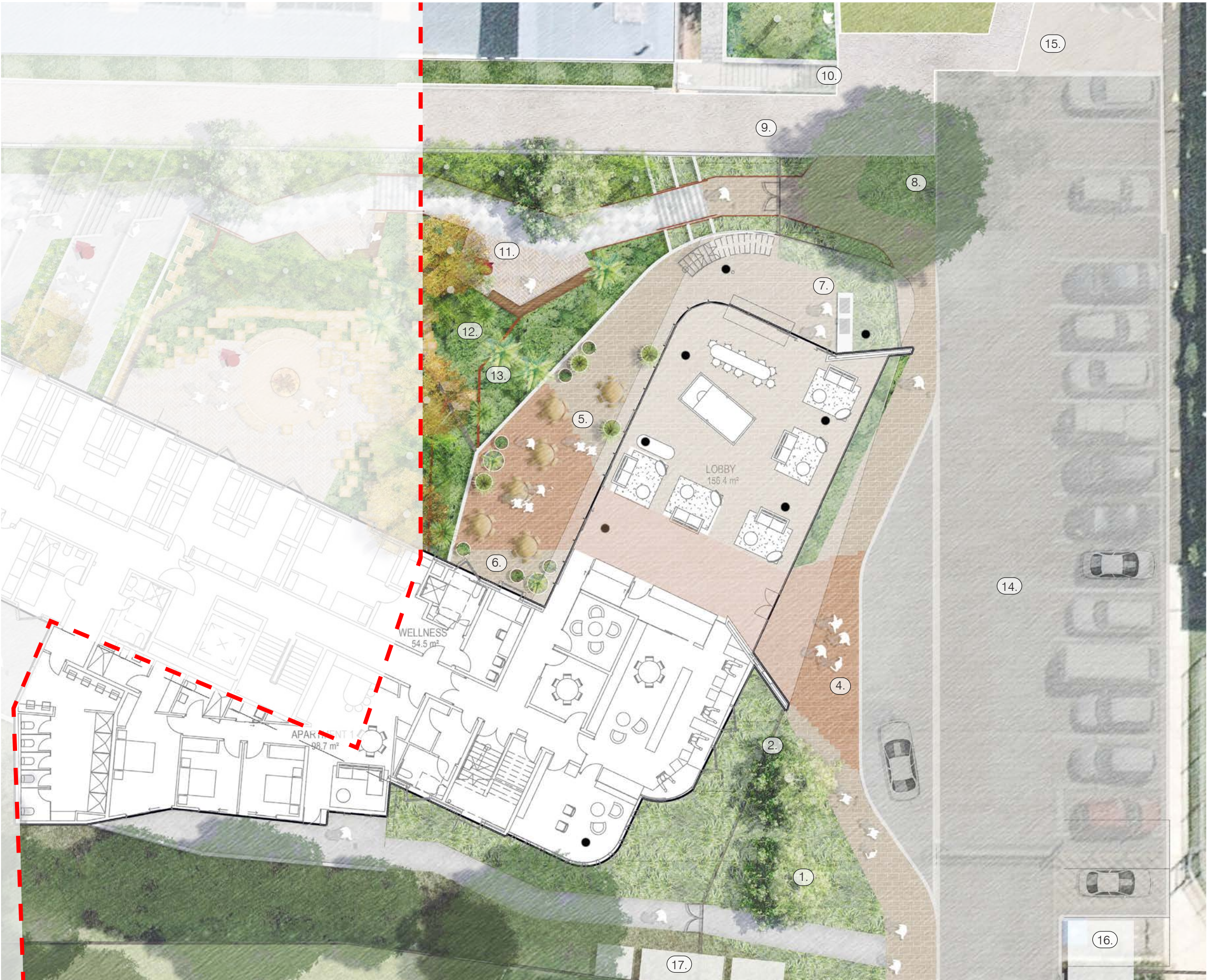
MARY WARD LANDSCAPE KEY PLAN



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A	15/01/19	SSDA	EP
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BOARDING SCHOOL LEVEL 3 LANDSCAPE PLAN - [SHEET 1 OF 6]



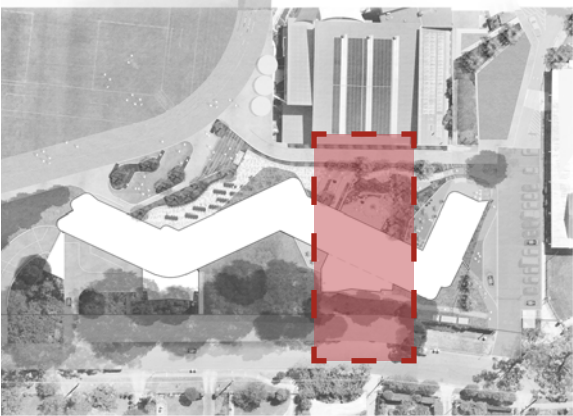
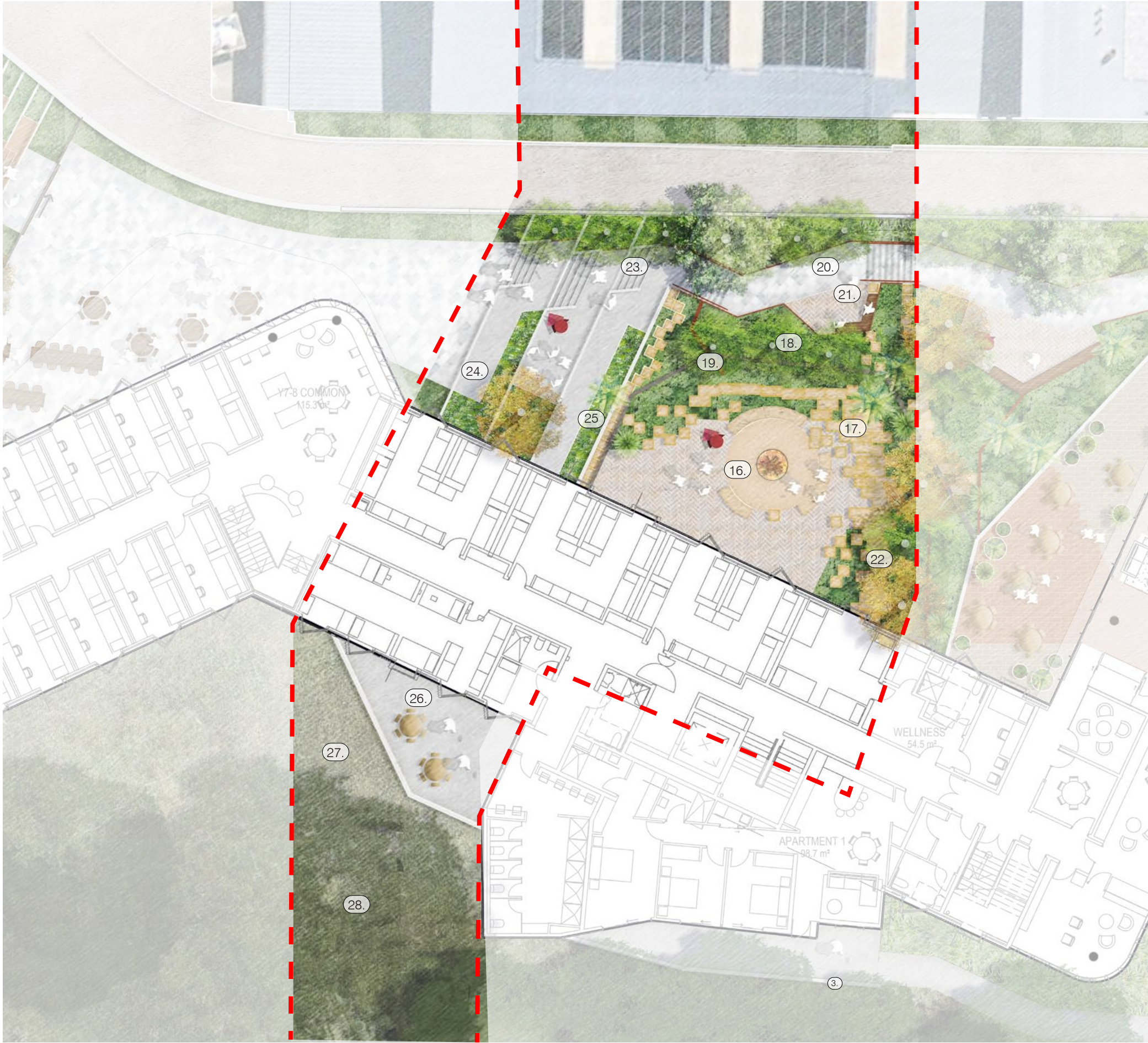
KEY PLAN

KEY FEATURES

- 1. Entrance garden planting
- 2. Fence set back within garden bed
- 3. Entrance gate for apartments
- 4. Feature brick paving
- 5. BBQ terrace area with tables and chairs
- 6. Pot plants set among furniture
- 7. BBQ bench and food prep. area
- 8. Existing Tree retained
- 9. Gate for general school access down to Oval
- 10. Existing maintenance area containing services for existing aquatic center
- 11. Breakout seating area with timber bench
- 12. Lush feature planting terraces
- 13. Corten steel terrace wall
- 14. Existing Parking retained with new drop-off point
- 15. Existing road access retained
- 16. Substation Kiosk
- 17. Services refer to Architectural drawings

REV	DATE	STATUS	INITIALS
A	15/01/19	SSDA	EP
B	17/12/20	SSDA	AK
C	16/07/21	SSDA Revision	AK

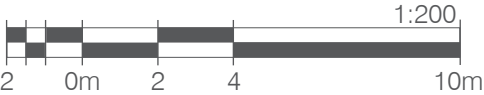
BOARDING SCHOOL LEVEL 3 LANDSCAPE PLAN - [SHEET 2 OF 6]



KEY PLAN

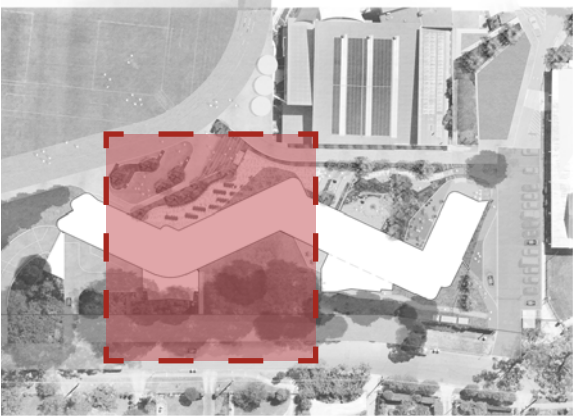
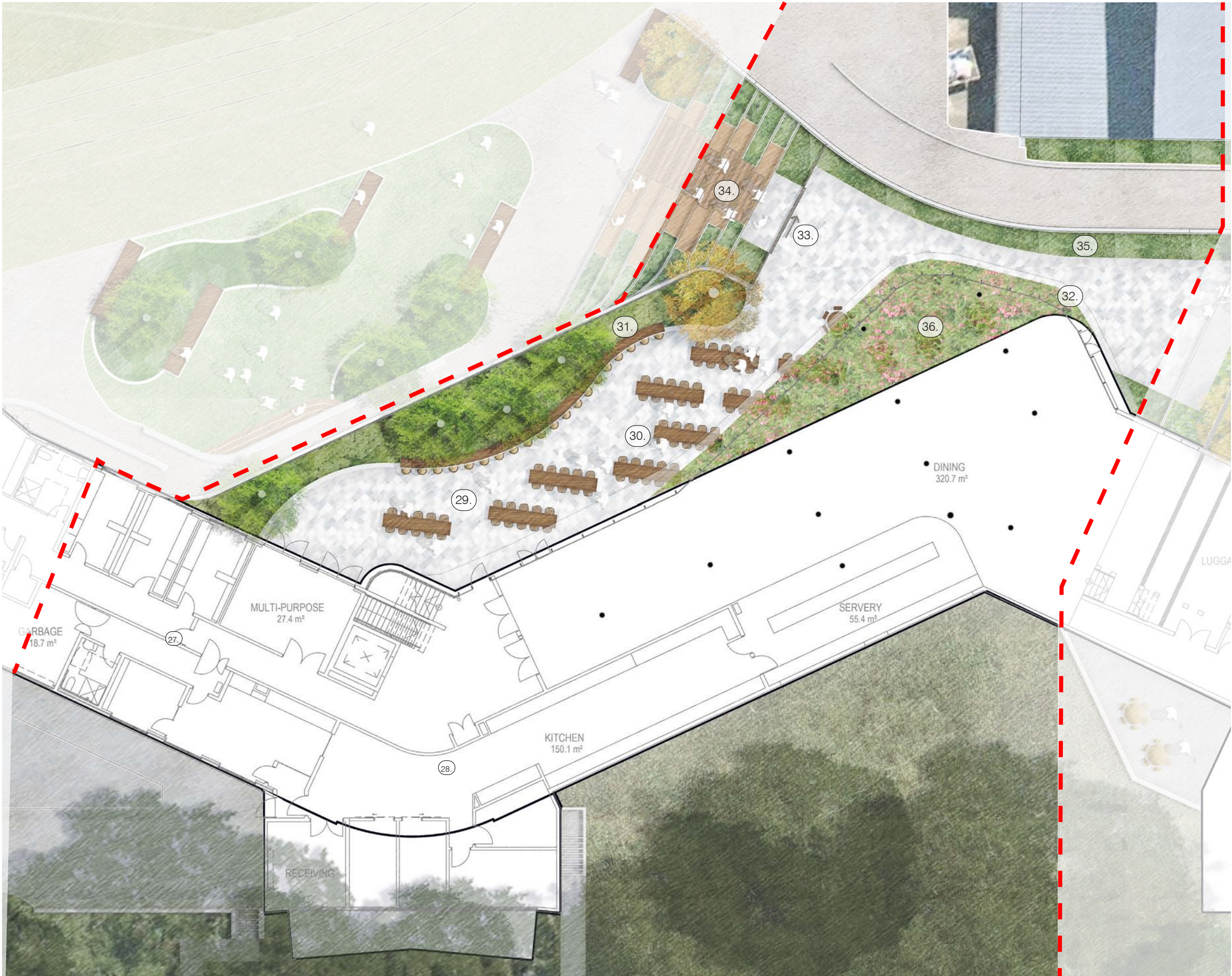
KEY FEATURES

- 18. Communal Firepit and outdoor seating within sunken garden
- 19. Feature sandstone blocks as seating and retaining walls
- 20. Tree planting for privacy screening
- 21. Fence within planting to separate general from boarding areas
- 22. General School access path
- 23. Breakout space with timber seating
- 24. Lush feature planted terraces
- 25. Concrete steps
- 26. Concrete terraces
- 27. Planting to soften terraces
- 28. Breakout space from Music rooms
- 29. Native planting garden to existing topography
- 30. Existing trees retained



REV	DATE	STATUS	INITIALS
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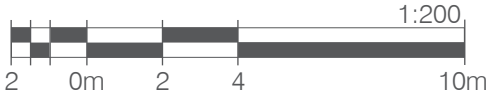
BOARDING SCHOOL LEVEL1 LANDSCAPE PLAN - [SHEET 3 OF 6]



KEY PLAN

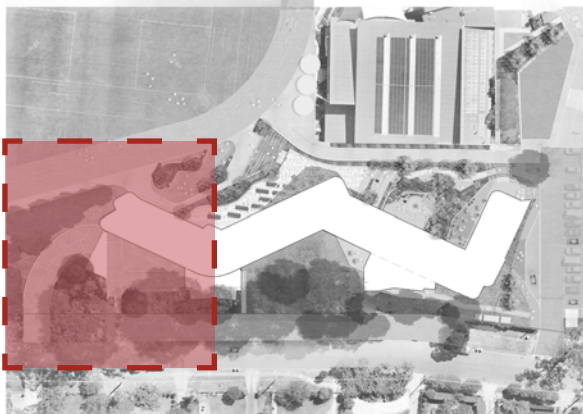
KEY FEATURES

- 31. Outdoor dining area
- 32. Outdoor dining furniture
- 33. Raised planting bed with bar ledge and seating element
- 34. Permeable building edge for ease of movement
- 35. Large sliding gate for access into boarding house area
- 36. Timber bleacher and stair transitional feature
- 37. Planting buffer along wall edge
- 38. Extensive planting on dining hall roof



REV	DATE	STATUS	INITIALS
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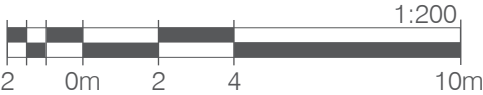
BOARDING SCHOOL BASEMENT LEVEL LANDSCAPE PLAN - [SHEET 4 OF 6]



KEY PLAN

KEY FEATURES

- 39. Timber bench integrated into mound planting
- 40. Feature planting mounds
- 41. Ornamental tree planting
- 42. Lawn area for additional seating and lounging
- 43. Stair access to mud room and basement
- 44. Ramp access to mud room and basement
- 45. Sister Veronica Reid oval with revised athletics track
- 46. Maintenance path maintained with vehicle and pedestrain access points
- 47. Ramp vehicular access to basement parking
- 48. Indigenous tree planting



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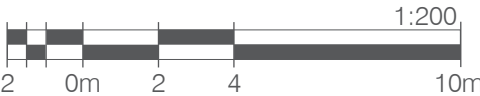
KEY PLAN

KEY FEATURES

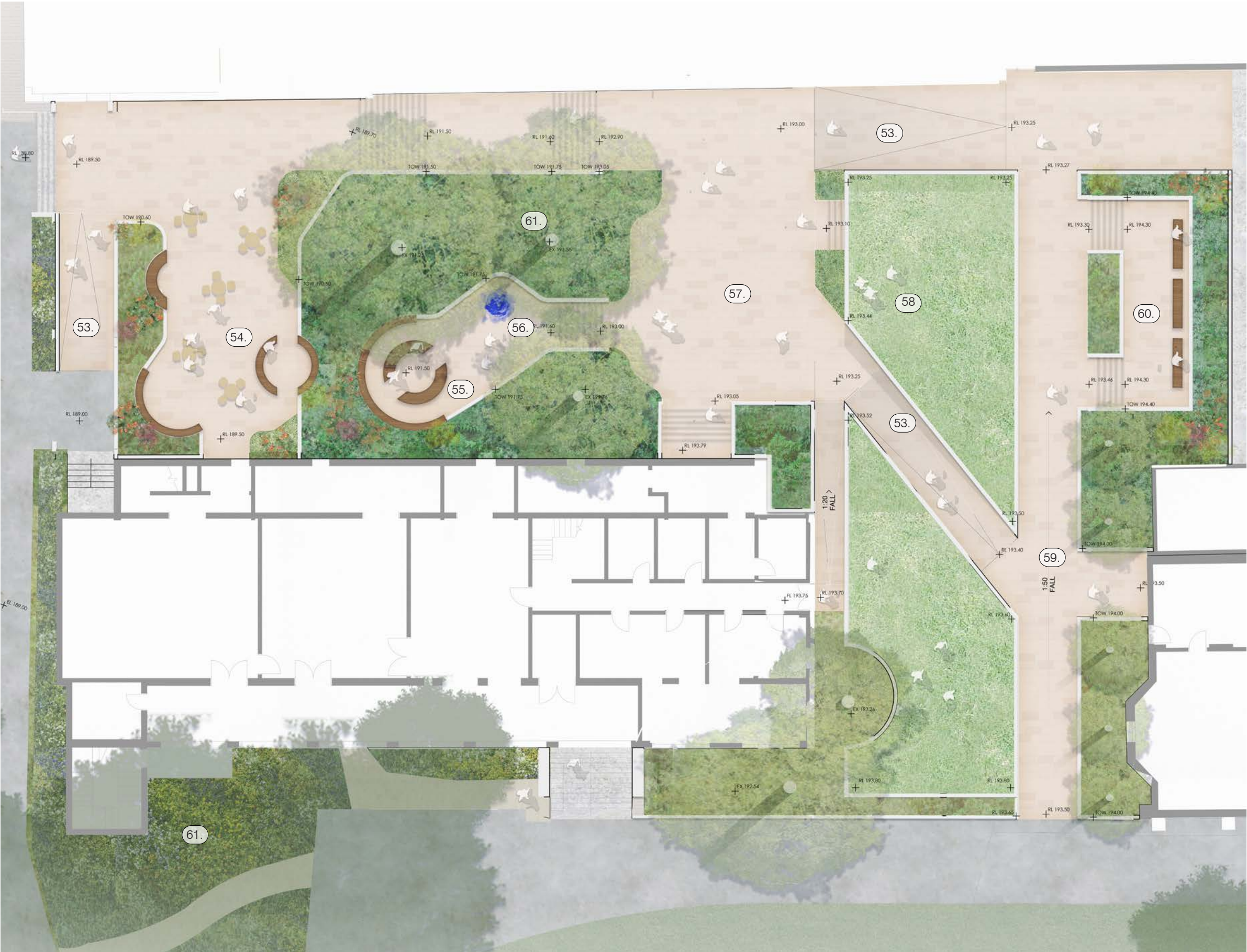
- 49. Maintenance access path via existing roadway to be maintained
- 50. Maintenance vehicle access ramp to key maintenance service area
- 51. Fire egress pedestrain stair access point
- 52. Raised mass planting bed to mitigate level differences
- 53. Central gathering area to accomodate potential ceremonies
- 54. At grade mass planting
- 55. Accessible path to Primary School



REV	DATE	STATUS	INITIALS
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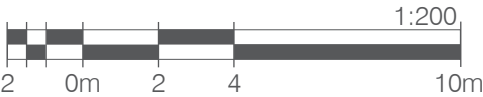
MARY WARD LANDSCAPE PLAN - [SHEET 6 OF 6]



KEY PLAN

KEY FEATURES

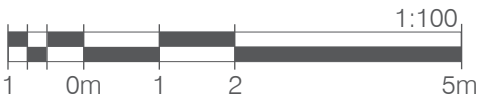
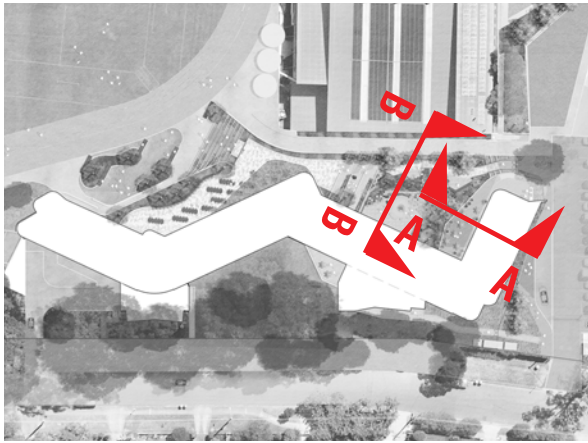
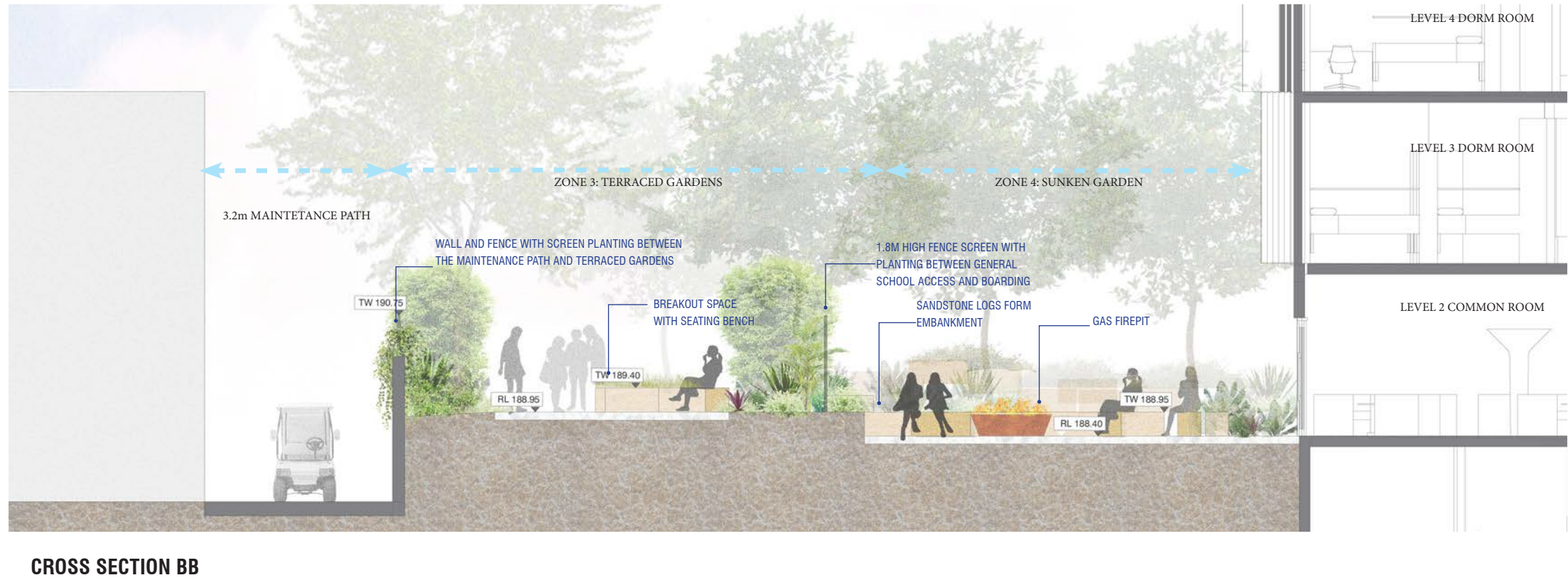
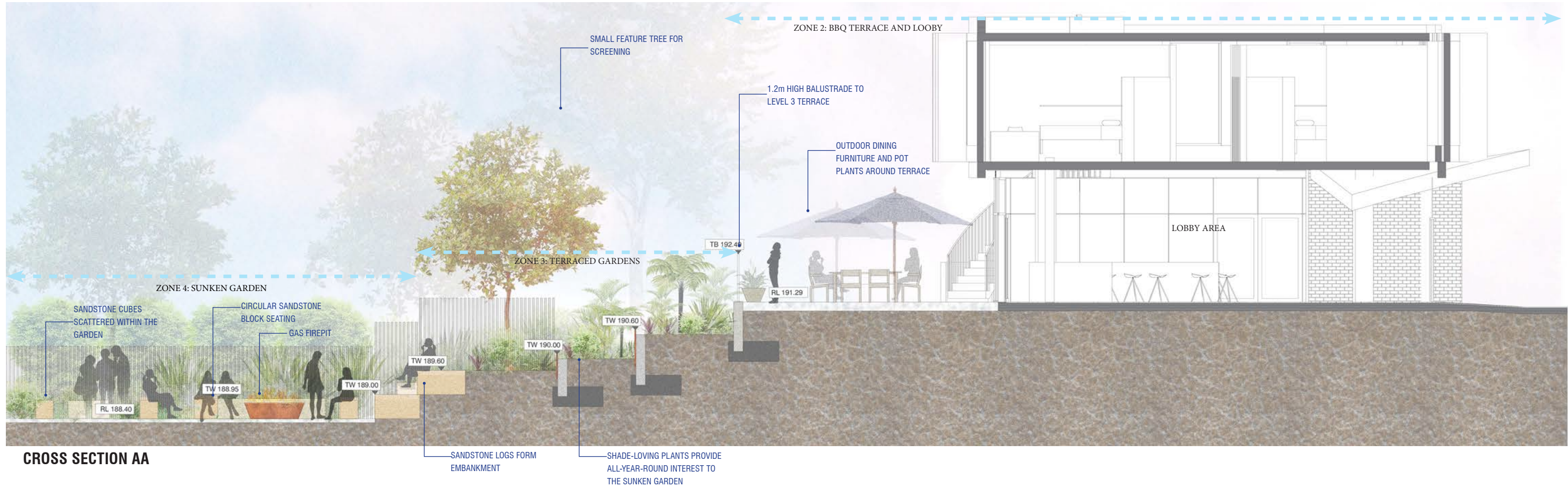
- 56. Ramp Access
- 57. Food Hall with integrated and adaptable furniture
- 58. Intimate gathering hub
- 59. Water feature
- 60. Central plaza
- 61. Extensive open lawn area
- 62. Pedestrian thoroughfare
- 63. Seating platform
- 64. Existing trees to be retained



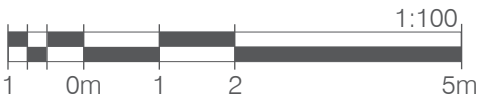
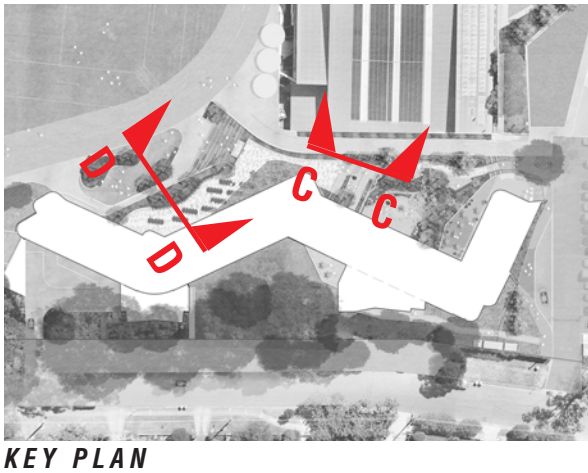
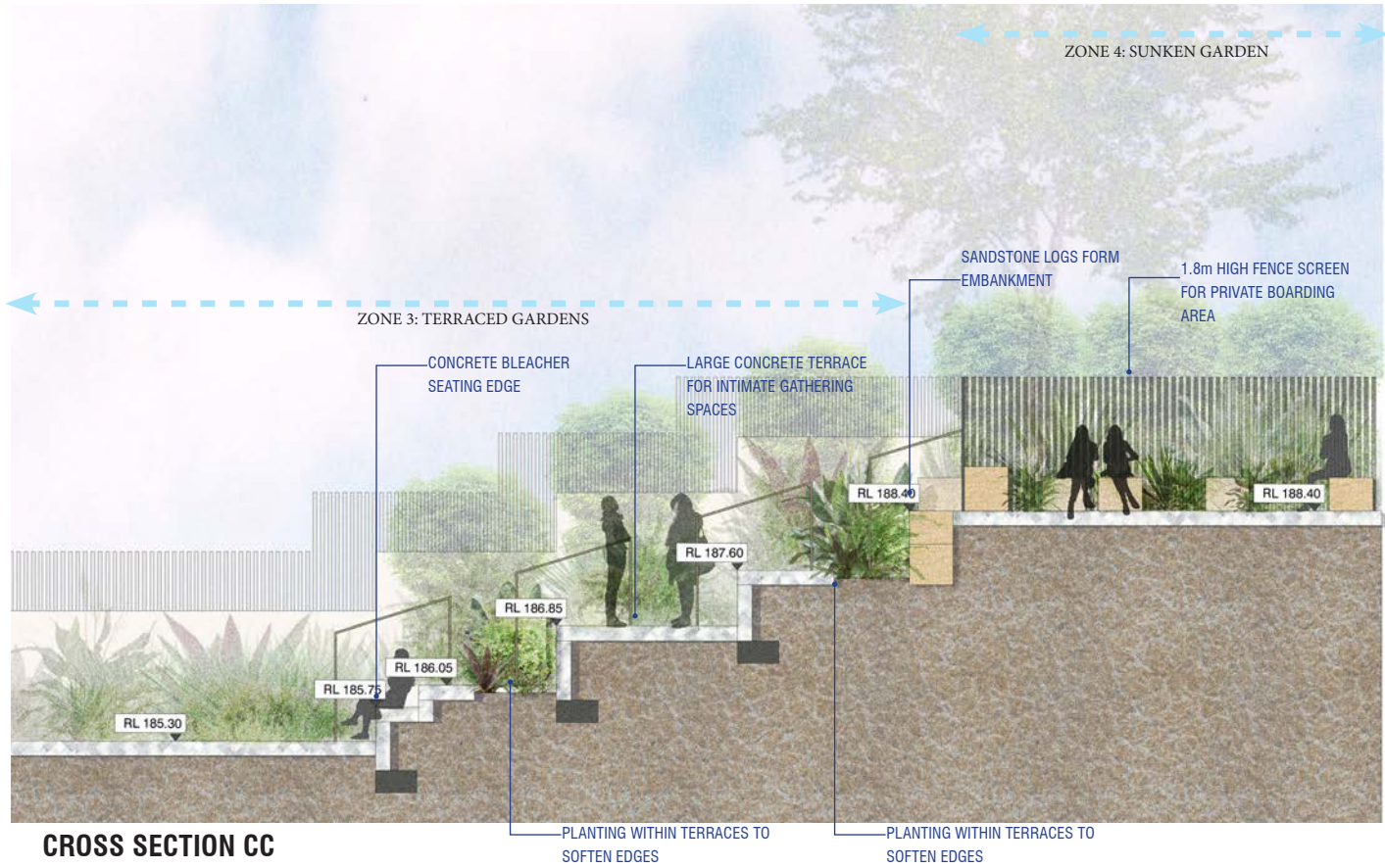
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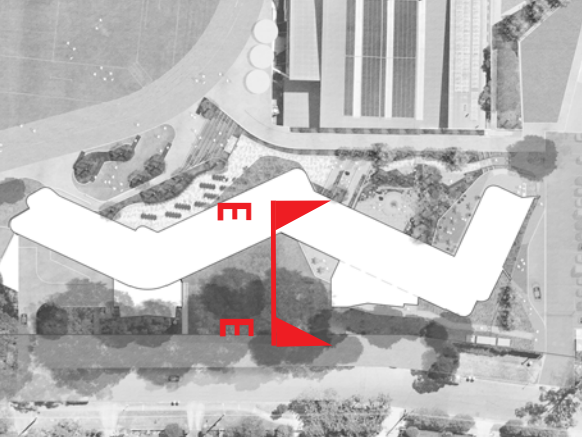
BOARDING SCHOOL LANDSCAPE SECTIONS



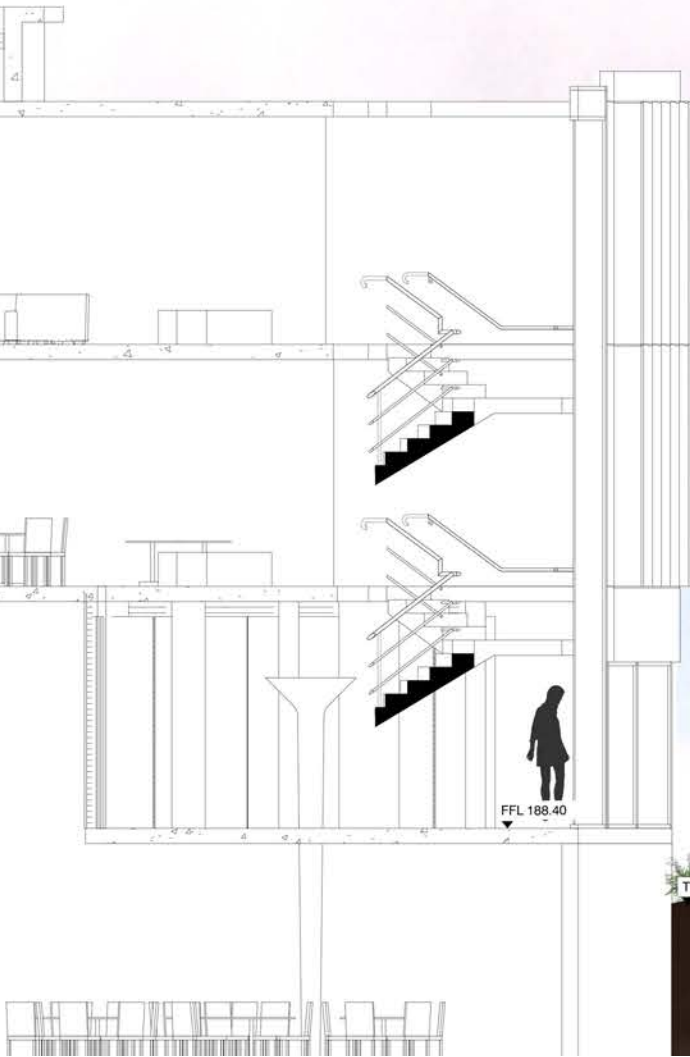
BOARDING SCHOOL LANDSCAPE SECTIONS



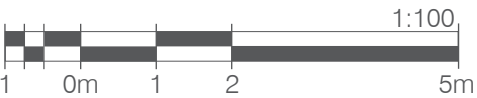
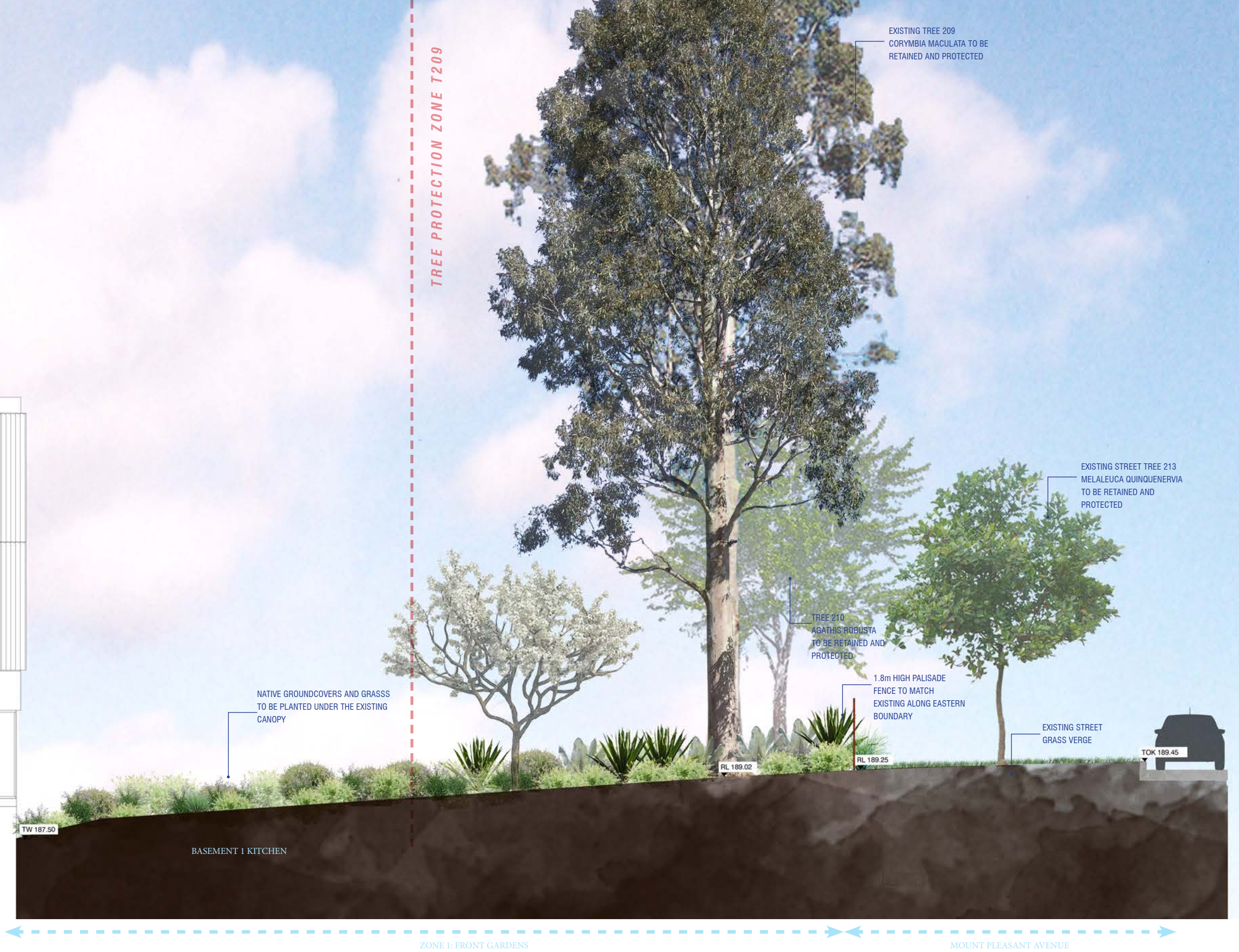
BOARDING SCHOOL LANDSCAPE SECTIONS



KEY PLAN



CROSS SECTION EE



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STAGE 1 WORKS
LORETO NORMANHURST

INDICATIVE SECTION THROUGH
EXISTING TREE

job no.: S18-031
date:15.01.21

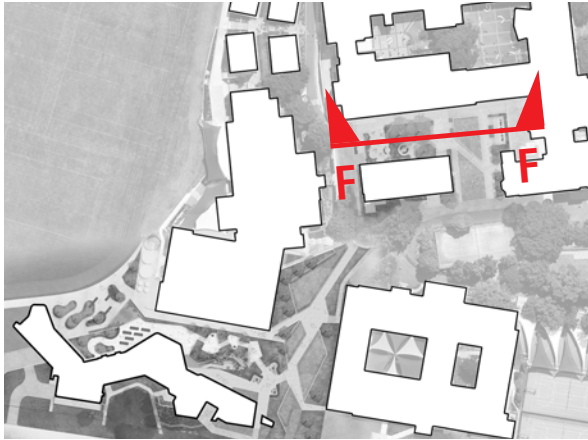
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L-302

C

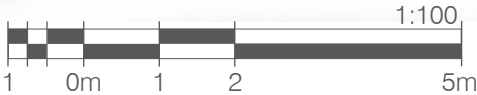
MARY WARD LANDSCAPE SECTION



KEY PLAN

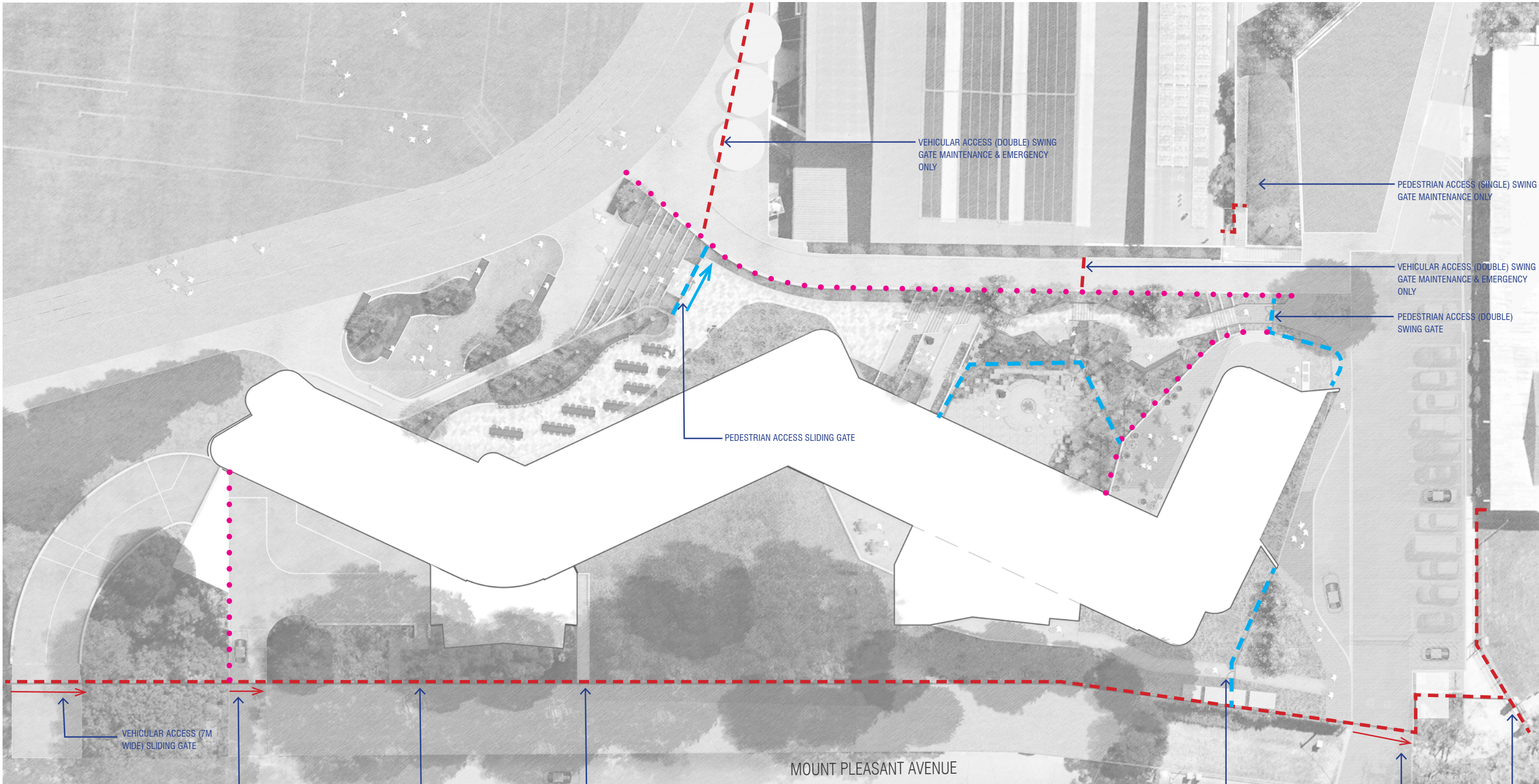


CROSS SECTION FF



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B	17/12/20	SSDA	AK
C	16/07/21	SSDA Revision	AK

BOARDING SCHOOL FENCE ARRANGEMENT PLAN



LEGEND

- 1.8M PALISADE SECURITY FENCE - TO MATCH EXISTING
- 1.8M INTERNAL PALISADE SECURITY FENCE
- 1.2M - 1.8M PALISADE FENCE ON RETAINING WALL (MIN. HEIGHT 1.8M ABOVE RAMP + FFL)

NOTE:
ALL GATES TO INCLUDE ELECTRIC GATE LOCK AT WHEELCHAIR ACCESSIBLE HEIGHT, COMBINED WITH MANUAL LOCK AT 1.5M ABOVE FINISHED SURFACE

O C U L U S
level 1, 5 Wilson St / newtown nsw 2042
p. 02 9557 5533 sydney@oculus.info

loretonormanhurst

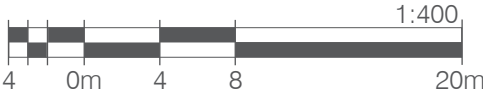
AJ+C
ALLEN JACK+COTTER

REV	DATE	STATUS	INITIALS
A	15/01/19	SSDA	EP
B	17/12/20	SSDA	AK
C	16/07/21	SSDA Revision	AK

STAGE 1 WORKS
LORETO NORMANHURST

FENCE ARRANGEMENT PLAN

job no.: S18-031
date:15.01.21



1:400@A3



L-400

C

LEGEND

This site plan illustrates a building complex with a central courtyard. The building footprint is shown in white with black outlines, featuring a central corridor and several rooms. The courtyard is filled with landscaping, including trees and shrubs, and is surrounded by a low wall. Elevation markers are placed throughout the plan, indicating the height of the building, the ground, and the surrounding terrain. A red dashed line on the right side of the plan indicates a boundary or a specific access point. The plan also shows a parking area with several spaces and a road with a double swing gate for maintenance access.

VEHICULAR ACCESS (DOUBLE SWING GATE MAINTENANCE ONLY)

VEHICULAR ACCESS (DOUBLE)
SWING GATE MAINTENANCE
ONLY

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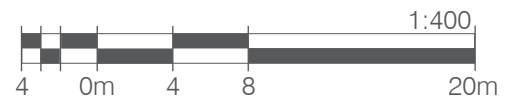


REV	DATE	STATUS	INITIALS
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B	17/12/20	SSDA	AK
C	16/07/21	SSDA Revision	AK

STAGE 1 WORKS
LORETO NORMANHURST

FENCE ARRANGEMENT PLAN

job no.: S18-031
date:15.01.21



1:400@A3



L-401

C

landscape architect

client

architect

revision

project

drawing title

drawing information

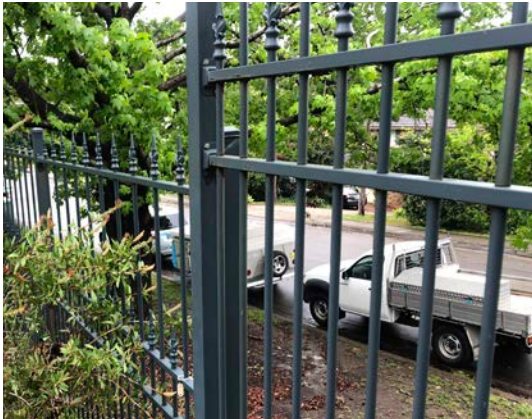
north

drawing number

ev.

INDICATIVE MATERIALS - PALETTE

FENCE & WALLS



1.8m Security Fence to Mount Pleasant St frontage - to match existing



1.2m - 1.8m Internal Security Fence



Corten Steel Retaining walls (up to 600mm)



Off-form Concrete Retaining walls (up to 900mm)



Sandstone Log Embankment with Gravel infill and Planting

PAVING & STEPS



Large Angular Poured Concrete Paving



Concrete steps and Terraces



Feature Brick paving



Stainless Steel Handrails to AS1428

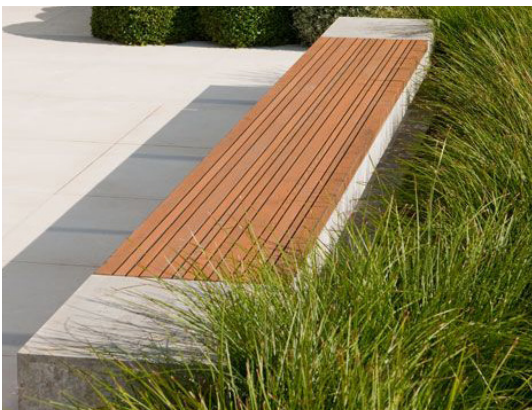


Composite Timber Steps & Bleachers & Perforated S/S Risers

FURNITURE



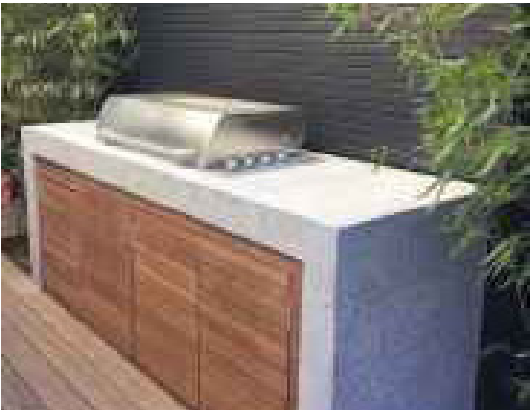
Curved Sandstone block seating wall



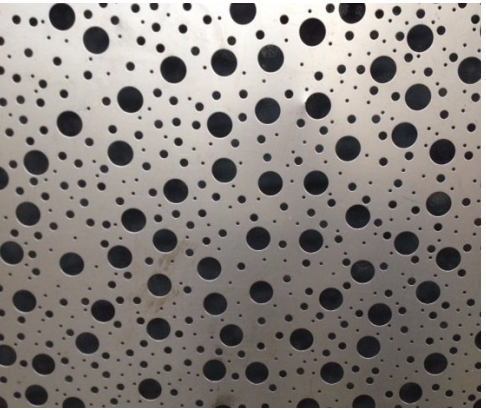
Timber Seating Bench



Timber Picnic Setting



Concrete BBQ Bench



Perforated Steel to Step Risers for aeration & natural light (powder-coated dark grey - black colour)

SCULPTURAL ITEMS



Gas Firepit



Australian Inspired Art



Large Formal Lawn



Angular Lawn Areas



Informal Amphitheatre

O C U L U S

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AJ+C
ALLEN JACK COTTER

REV	DATE	STATUS	INITIALS
A	15/01/19	SSDA	EP
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STAGE 1 WORKS
LORETO NORMANHURST

PRECEDENT IMAGES

job no.: S18-031
date:15.01.21



L-500

C

INDICATIVE PLANT SCHEDULE

STAGE 1 WORKS - TREES SCHEDULE				
SPECIES	COMMON NAME	POT SIZE	SIZE (HxW)	DENSITY /SQ.M
TREES				
<i>Acer palmatum</i>	Japanese Maple	400L	4 x 4m	as shown
<i>Allocasuarina tortulosa</i>	She-Oak	200L	10 x 8m	as shown
<i>Angophora costata</i>	Sydney Red Gum	200L	25 x 10m	as shown
<i>Caesalpinia ferrea</i>	Leopard Tree	100L	10 x 5m	as shown
<i>Ceratopetalum gummiferum</i>	NSW Christmas Bush	75L	5 x 3m	as shown
<i>Cyanthea australis</i>	Rough Tree Fern	75L	4 x 2.4m	as shown
<i>Eleocarpus reticulatus</i>	Blueberry Ash	100L	7 x 5m	as shown
<i>Hymenosporum flavum</i>	Native Frangipani	100L	8 x 4m	as shown
<i>Syzygium australe</i>	Lilly Pilly	100L	6 x 3m	as shown

ZONE 1		FRONT GARDENS		
SPECIES	COMMON NAME	POT SIZE	SIZE (HxW)	DENSITY /SQ.M
NATIVE PLANTING MIX				
<i>Breynia 'Ironstone Range'</i>	Coffee Bush	300mm	1.5 x 2.0m	1
<i>Doryanthes excelsa</i>	Gymea Lily	300mm	1.5 x 1.5m	1
<i>Grevillea 'Ivanhoe'</i>	Grevillea 'Ivanhoe'	150mm	1.2 x 1.5m	1
<i>Lomandra 'Katie Belles'</i>	Lomandra cultivar	150mm	0.3 x 0.3m	8
<i>Lomandra 'Tanika'</i>	Lomandra cultivar	150mm	0.5 x 0.5m	5
<i>Callistemon 'Little John'</i>	Callistemon	300mm	1.2 x 1.5m	1
<i>Hibbertia scandens</i>	Snake Vine	150mm	0.3 x 1m	5
LOW MAINTENAINCE GROUNDCOVERS (SHADE)				
<i>Alternanthera dentata 'Little Ruby'</i>	Alternanthera cultivar	150mm	0.5 x 0.5m	4
<i>Clivia miniata</i>	Kaffir Lily	150mm	1.0 x 1.0m	4
<i>Liriope muscari 'Silverlawn'</i>	Silver Lawn	150mm	0.3 x 0.4m	6
<i>Myoporum parvifolium 'Yareena'</i>	Myoporum cultivar	150mm	0.1 x 1.0m	5
<i>Nandina domestica 'Obsession'</i>	Nandina cultivar	150mm	0.8 x 1.0m	3
<i>Gardenia augusta 'Magnifica'</i>	Gardenia	300mm	1.2 x 1.2m	4
<i>Rhoeo discolor</i>	Moses in the Cradle	150mm	0.3 x 1.0m	4
<i>Trachelospermum jasminoides 'Tricolour'</i>	Star Jasmine	150mm	0.3 x 1.0m	3
SHRUB PLANTING MIX				
<i>Agapanthus orientalis 'Queen Mum'</i>	Agapanthus	150mm	0.5 x 0.5m	5
<i>Dietses iridioides</i>	Fortnight Lily	150mm	0.5m x 0.5m	5
<i>Hebe 'Emerald Green'</i>	Veronica	300mm	0.4 x 0.4m	3
<i>Helichrysium petiolare</i>	Liquorice Plant	150mm	0.4 x 0.4m	4
<i>Grevillea rosmarinifolia</i>	Rosemary Grevillead	300mm	1.0 x 1.5m	1
<i>Myoporum parvifolium 'Yareena'</i>	Myoporum cultivar	150mm	0.1 x 0.1m	5
<i>Pennisetum alopecuroides 'Nafray'</i>	Dwarf fountain grass	150mm	0.5 x 0.5m	6
<i>Rosmarinus officinalis</i>	Rosemary	150mm	0.1 1.0m	3
<i>Phormium cookianum 'tricolor'</i>	Flax	300mm	1.0 x 1.0m	1
<i>Trachelospermum jasminoides 'Tricolour'</i>	Star Jasmine	150mm	0.3 x 1.0m	3

ZONE 2		MAIN ENTRANCE		
SPECIES	COMMON NAME	POT SIZE	SIZE (HxW)	DENSITY /SQ.M
ORNAMENTAL PLANTING MIX				
<i>Agapanthus orientalis 'Queen Mum'</i>	Agapanthus	150mm	0.5 x 0.5m	5
<i>Agave attenuata</i>	Foxtail Agave	300mm	0.6 x 0.6m	2
<i>Dietses iridioides</i>	Fortnight Lily	150mm	0.5m x 0.5m	5
<i>Hebe 'Emerald Green'</i>	Veronica	300mm	0.4 x 0.4m	3
<i>Lavandula dentata</i>	French Lavender	150mm	0.5m x 0.5m	5
<i>Myoporum parvifolium 'Yareena'</i>	Myoporum cultivar	150mm	0.1 x 0.1m	5
<i>Pennisetum alopecuroides 'Nafray'</i>	Dwarf fountain grass	150mm	0.5 x 0.5m	6

ZONE 4		SUNKEN GARDEN		
SPECIES	COMMON NAME	POT SIZE	SIZE (HxW)	DENSITY /SQ.M
ORNAMENTAL PLANTING MIX (SHADE)				
<i>Blechnum cartilagineum</i>	Soft water fern	150mm	0.6 x 0.6m	4
<i>Clivia miniata</i>	Kaffir Lily	150mm	1.0 x 1.0m	4
<i>Cordylina 'Rubra'</i>	Cordylina cultivar	150mm	1.5 x 1.5m	3
<i>Ficus pumila</i>	Creeping Fig	150mm	2.0 x 2.0m	1
<i>Nandina domestica 'Obsession'</i>	Nandina cultivar	150mm	0.8 x 1.0m	3
<i>Philodendron 'Xanadu'</i>	Philodenron cultivar	150mm	1.0 x 1.0m	4
<i>Phormium 'Pink Stripe'</i>	Flax	300mm	1.0 x 1.0m	1
<i>Rhoeo discolor</i>	Moses in the Cradle	150mm	0.3 x 1.0m	4
<i>Trachelospermum jasminoides 'Tricolour'</i>	Star Jasmine	150mm	0.3 x 1.0m	3

IRRIGATION:
A COMMERCIAL GRADE AUTOMATED IRRIGATION SYSTEM SERVICING ALL COMMON PLANTING AREAS WILL BE REQUIRED. THIS INCLUDES GROUND FLOOR AND ALL ROOF TERRACES, AND ALL PLANTED AREAS SUCH AS LAWN, PLANTERS (AT GRADE), RAISED PLANTERS AND TREES IN THE PRIVATE DOMAIN. DRIP IRRIGATION SHALL BE USED FOR ALL TREES & PLANTING, WHEREAS AS ALL LAWN AREAS WILL BE IRRIGATED WITH POP-UP SPRINKLERS.



Angophora costata



Acer palmatum



Hymenosporum flavum



Eleocarpus reticulatus



Cyathea australis



Caesalpinia ferrea



Allocasuarina torulosa



Syzygium australe



Hibbertia scandens



Grevillea 'Ivanhoe'



Clivia miniata



Philodendron 'Xanadu'



Lomandra 'Tanika'



Dietses grandiflora



Trachelospermum jasminoides 'Tricolor'



Pennisetum alopecuroides 'Nafray'

INDICATIVE PLANT SCHEDULE - CONTINUED

ZONE 5 TERRACED GARDENS				
SPECIES	COMMON NAME	POT SIZE	SIZE (HxW)	DENSITY /SQ.M
ORNAMENTAL PLANTING MIX (SUN)				
Acacia cognata 'limelight'	Bower Wattle	300mm	0.4 x 0.4m	5
Agapanthus orientalis 'Queen Mum'	Agapanthus	150mm	0.5 x 0.5m	5
Agave attenuata	Foxtail Agave	300mm	0.6 x 0.6m	2
Cordyline australis	Cordyline cultivar	150mm	1.5 x 1.5m	3
Dietes iridioides	Fortnight Lily	150mm	0.5 x 0.5m	5
Pennisetum alopecuroides	Dwarf Fountain Grass	150mm	0.6 x 0.5m	4
Pennisetum alopecuroides 'Purple Lea'	Purple Fountain Grass	150mm	0.5 x 0.5m	4
Lomandra 'Katie Belles'	Lomandra cultivar	150mm	0.3 x 0.3m	8
Gaura lindheimeri	Butterfly Bush	150mm	1.2 x 1.0m	3
Sanseveria trifasciata	Snake Plant	150mm	0.6 x 0.3m	5
ORNAMENTAL PLANTING MIX (SHADE)				
Alternanthera dentata	Alternanthera	150mm	0.5 x 0.5m	4
Blechnum cartilagineum	Soft water fern	150mm	0.6 x 0.6m	4
Clivia miniata	Kaffir Lily	150mm	1.0 x 1.0m	4
Cordyline 'Rubra'	Cordyline cultivar	150mm	1.5 x 1.5m	3
Ficus pumila	Creeping Fig	150mm	2.0 x 2.0m	1
Nandina domestica 'Obsession'	Nandina cultivar	150mm	0.8 x 1.0m	3
Philodendron 'Xanadu'	Philodenron cultivar	150mm	1.0 x 1.0m	4
Phormium 'Pink Stripe'	Flax	300mm	1.0 x 1.0m	1
Rhoeo discolor	Moses in the Cradle	150mm	0.3 x 1.0m	4
Trachelospermum jasminoides 'Tricolour'	Star Jasmine	150mm	0.3 x 1.0m	3

ZONE 6 OVAL DINING TERRACE				
GARDENBED CODE	SPECIES	COMMON NAME	POT SIZE	SIZE (HxW)
ORNAMENTAL PLANTING MIX				
Acacia cognata 'Limelight'	Bower Wattle	300mm	0.4 x 0.4m	5
Clivia miniata	Kaffir Lily	150mm	1.0 x 1.0m	4
Correa reflexa 'Trixielle'	Native Fuchsia	150mm	0.5 x 2.0m	1
Lomandra 'Tankia'	Lomandra cultivar	150mm	0.3 x 0.3m	6
Philodendron 'Xanadu'	Philodenron cultivar	150mm	1.0 x 1.0m	4
Grevillea rhyolitica x juniperina	Grevillea Cherry Cluster	150mm	0.5 x 0.8m	4
Trachelospermum jasminoides 'Tricolour'	Tricolour Star Jasmine	150mm	0.1 x 1.0m	4
GRASS PLANTING MIX				
Lomandra 'Little Con'	Lomandra cultivar	150mm	0.3 x 0.3m	6
Carex appressa	Sedge	150mm	1.0 x 1.0m	4
Dietes grandiflora	Fairy Iris	150mm	0.8 x 0.8m	6
Pennisetum alopecuroides 'Nafray'	Dwarf Fountain Grass	150mm	0.5 x 0.5m	5
Casuarina glauca 'Cousin It'	Sheoak 'Cousin It'	150mm	0.3 x 1.0m	3

ZONE 7 + 9 GARDEN PLAZA + MARY WARD				
SPECIES	COMMON NAME	POT SIZE	SIZE (HxW)	DENSITY /SQ.M
RAISED PLANTING MIX				
Agapanthus orientalis 'Queen Mum'	Agapanthus	150mm	0.5 x 0.5m	5
Agave attenuata	Foxtail Agave	300mm	0.6 x 0.6m	2
Dietes iridioides	Fortnight Lily	150mm	0.5 x 0.5m	5
Hebe 'Emerald Green'	Veronica	300mm	0.4 x 0.4m	3
Lavandula dentata	French Lavender	150mm	0.5 x 0.5m	5
Liriope muscari 'Evergreen Giant'	Giant Liriope	150mm	0.5 x 0.5m	6
Myoporum parvifolium 'Yareena'	Myoporum cultivar	150mm	0.1 x 0.1m	5
Nandina domestica 'Obsession'	Nandina cultivar	150mm	0.8 x 1.0m	3
Pennisetum alopecuroides 'Nafray'	Dwarf fountain grass	150mm	0.5 x 0.5m	6
Plectranthus argentatus	Silver Plectranthus	150mm	0.3 x 1.0m	3
Trachelospermum jasminoides 'Tricolour'	Star Jasmine	150mm	0.3 x 1.0m	3

ZONE 8 EXTENSIVE ROOF GARDEN				
SPECIES	COMMON NAME	POT SIZE	SIZE (HxW)	DENSITY /SQ.M
RAISED PLANTING MIX				
Carpobrotus glaucescens 'Aussie Rambler'	Pigface	tubestock	0.2x1.5m	3
Drosanthemum hispidum	Ice Plant	tubestock	0.3x0.3m	6
Oscularia deltoides	Ice Plant	tubestock	0.3x0.3m	4
Myoporum parvifolium 'Yareena'	Myoporum cultivar	tubestock	0.1 x 0.1m	4
Sedum reflexum	Blue Stonecrop	tubestock	0.3x0.3m	6

IRRIGATION:
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DRIP IRRIGATION SHALL BE USED FOR ALL TREES & PLANTING, WHEREAS AS ALL LAWN AREAS WILL BE IRRIGATED WITH POP-UP SPRINKLERS.



Hebe 'Emerald Green'



Alternanthera dendata 'Little Ruby'



Agave attenuata



Sanseveria trifasciata



Breynia 'Ironstone Range'



Blechnum cartilagineum



Rosmarinus 'Prostrate'



Grevillea rosmarinifolia



Carex appressa



Casuarina glauca 'Cousin It'



Plectranthus argentatus



Myoporum parvifolium



Doryanthes excelsa



Agapanthus orientalis 'Queen Mum'



Phormium 'Pink Stripe'

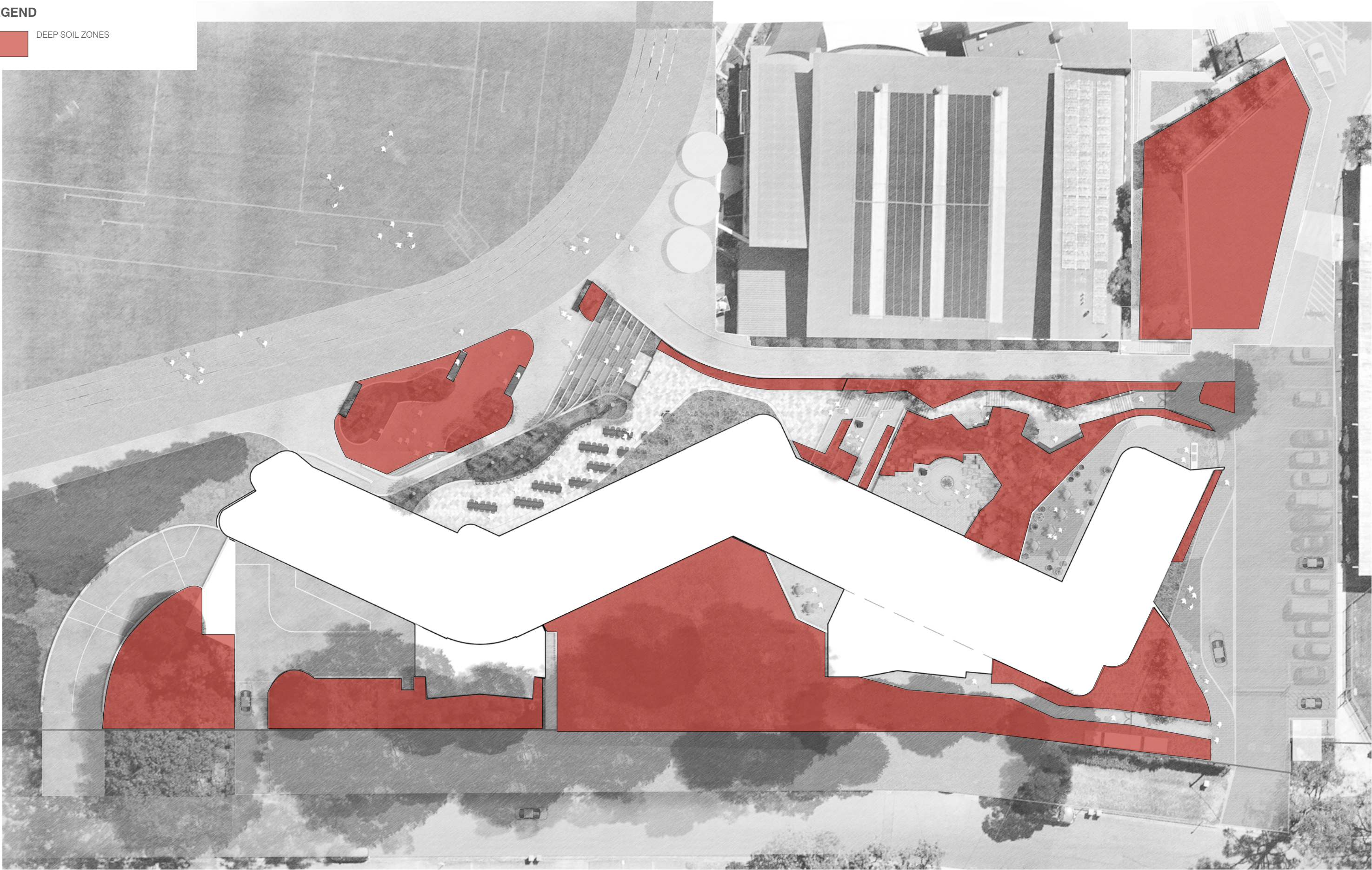


Pennisetum alopecuroides 'Nafray'

BOARDING SCHOOL DEEP SOIL PLAN

LEGEND

DEEP SOIL ZONES



REV	DATE	STATUS	INITIALS
A	15/01/19	SSDA	EP
B	17/12/20	SSDA	AK
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MARY WARD DEEP SOIL PLAN

LEGEND

DEEP SOIL ZONES



REV	DATE	STATUS	INITIALS
A	15/01/19	SSDA	EP
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BOARDING HOUSE TREE PLANTING PLAN

BOARDING HOUSE - TREES SCHEDULE - STAGE 1						
GARDENBED CODE	SPECIES	COMMON NAME	POT SIZE	SIZE (HxW)	DENSITY /SQ.M	% IN MIX
	TREES					No.
AP	<i>Acer palmatum</i>	Japanese Maple	400L	4 x 4m	as shown	5
AT *	<i>Allocauarina tortulosa</i>	She-Oak	200L	10 x 8m	as shown	2
AC *	<i>Angophora costata</i>	Sydney Red Gum	200L	25 x 10m	as shown	4
CF	<i>Caesalpinia ferrea</i>	Leopard Tree	100L	10 x 5m	as shown	6
CG	<i>Ceratopetalum gummiferum</i>	NSW Christmas Bush	75L	5 x 3m	as shown	4
CA	<i>Cyanthea australis</i>	Rough Tree Fern	75L	4 x 2.4m	as shown	7
ER *	<i>Eleocarpus reticulatus</i>	Blueberry Ash	100L	7 x 5m	as shown	10
HF	<i>Hymenosporum flavum</i>	Native Frangipani	100L	8 x 4m	as shown	8
SA	<i>Syzygium australe</i>	Lilly Pilly	100L	6 x 3m	as shown	11

* Denotes species from Arborist recommended replacement species.

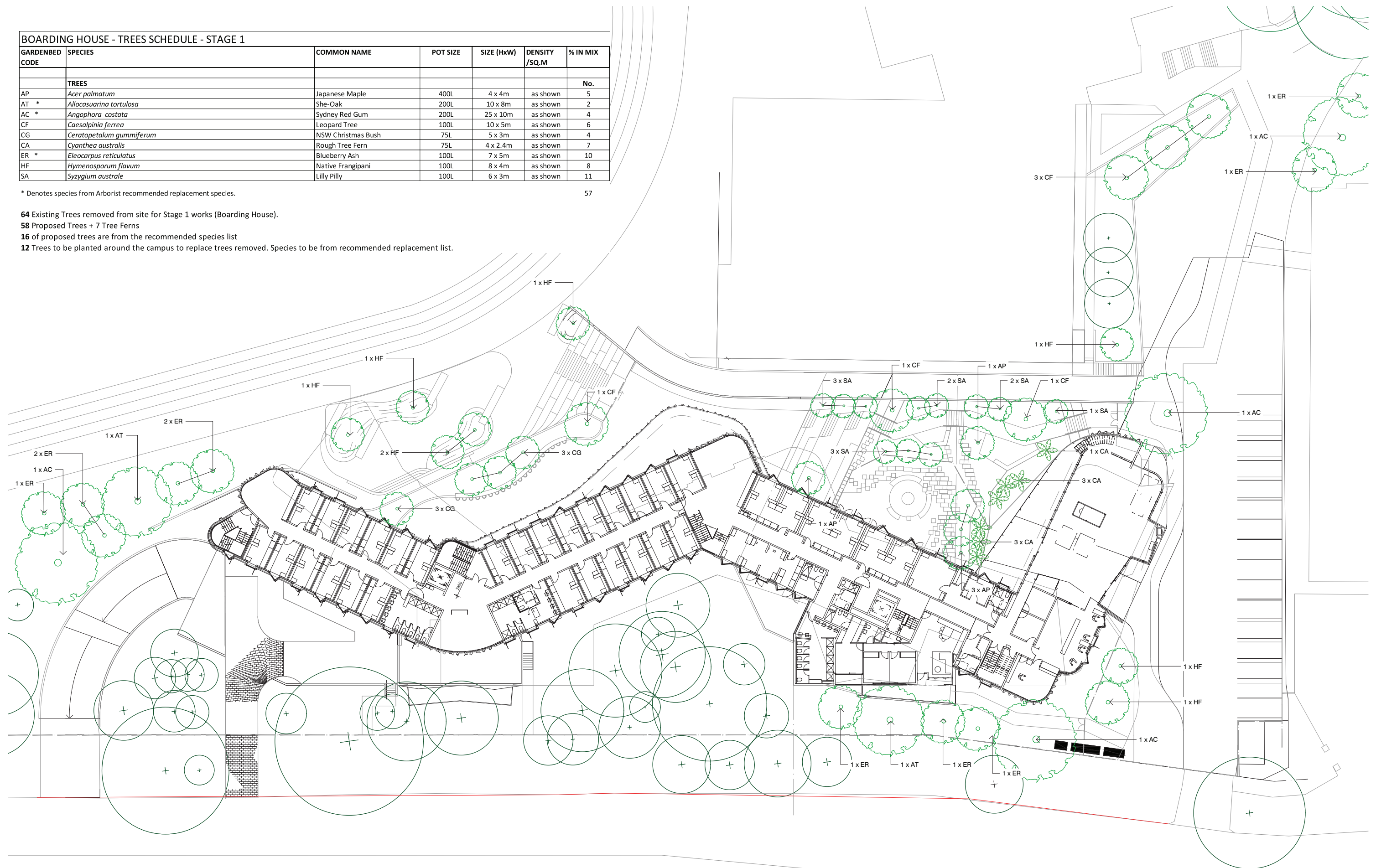
57

64 Existing Trees removed from site for Stage 1 works (Boarding House).

58 Proposed Trees + 7 Tree Ferns

16 of proposed trees are from the recommended species list

12 Trees to be planted around the campus to replace trees removed. Species to be from recommended replacement list.



MARY WARD TREE PLANTING PLAN

MARY WARD - TREES SCHEDULE - STAGE 1

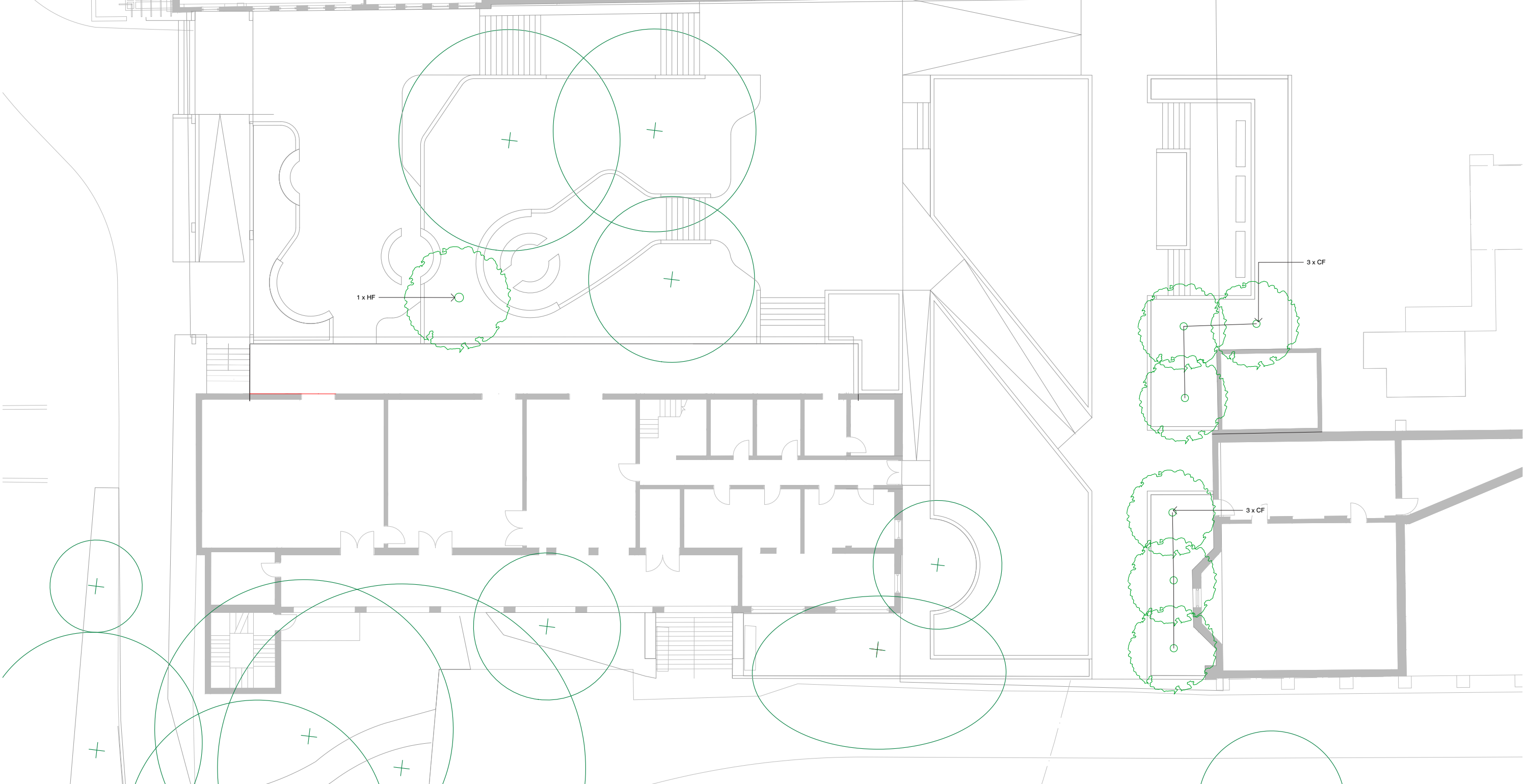
GARDENBED CODE	SPECIES	COMMON NAME	POT SIZE	SIZE (HxW)	DENSITY /SQ.M	% IN MIX
	TREES					No.
CF	Caesalpinia ferrea	Leopard Tree	100L	10 x 5m	as shown	6
HF*	Hymenosporum flavum	Native Frangipani	100L	8 x 4m	as shown	1

* Denotes native plant species.

5 Existing Trees removed from site for Stage 1 works (Mary Ward)

2 Existing Palm Trees removed from site.

7 Proposed trees to be planted. 1 Tree is a native species.



REV	DATE	STATUS	INITIALS
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TECHNICAL MAINTENANCE

PLANTING

CONDITIONS
Planting will not occur in unsuitable weather conditions such as extreme heat, cold, wind or rain. In other than sandy soils, excavation will be suspended when the soil is wet, or during frost periods.

WATERING
Plants will be watered thoroughly before planting, immediately after planting, and as required to maintain growth rates free of stress.

PLACING
Plants will be removed from the container with minimum disturbance to the root ball. Roots will be pruned to ensure all circling roots have been either severed or aligned radially into the surrounding soil. It will be ensured that the root ball is moist and placed in its final position, in the centre of the hole and plumb, and with the top soil level of the plant root ball level with the finished surface of the surrounding soil. Soil will be lighting compacted so as to minimise subsidence without compacting the backfill.

FERTILISING
In planting beds and individual plantings, fertiliser pellets will be placed around the plants at the time of planting.

BACKFILLING
A topsoil mixture will be used to backfill and lightly tamped and watered to eliminate air pockets. Topsoil will not be not placed over the top of the root ball, so that the plant stem remains the same height above ground as it was in the container.

PLANTERS AND TURF AREAS ON STRUCTURE
All planted and turf areas will use lightweight, free-draining planter box soil mixes placed on geotextile on drainage cell, and all areas will be automatically irrigated.
Soil depths for planting will be min. 200mm for lawn/ groundcovers, min. 500mm for shrubs and mounded up to 1000mm for trees.

DRAINAGE
Refer Civil documentation for drainage details.

IRRIGATION

All planted areas will be irrigated with a seasonably adjustable automatic drip irrigation system.

MAINTENANCE

GENERALLY
The Contractor shall maintain the contract areas for a period of fifty two (52) weeks after the date of Practical Completion. Throughout the maintenance period recurrent works of a maintenance nature will be carried out including but not limited to watering, mowing, weeding, fertilising, pest and disease control, plant replacement and the like.

WATERING
Planted areas shall be watered regularly to ensure continuous healthy growth.

WEEDING AND RUBBISH REMOVAL
Removal by hand, rubbish and weed growth that occurs throughout all contract areas shall be executed regularly so that at weekly intervals, at least, the contract area may be observed in a completely clean and tidy condition.

REPLACEMENTS
Plants shall be replaced immediately which die or fail to thrive or are damaged or stolen, with plants of same size and quality.

STAKES AND TIES
Stakes and ties will be adjusted where required.

PRUNING
Pruning work shall be implemented to maintain dense foliage growth and encourage suitable growth habits.

MULCH
Mulched surfaces will be maintained in a clean and tidy condition. Mulch will be reinstated to specified depths and extents as specified.

SPRAYING
Insecticide and fungicide spraying, if considered necessary shall be carried out in accordance with the manufacturer's instructions. The Contractor shall treat all occurrences of insect attack or disease in plant material.