

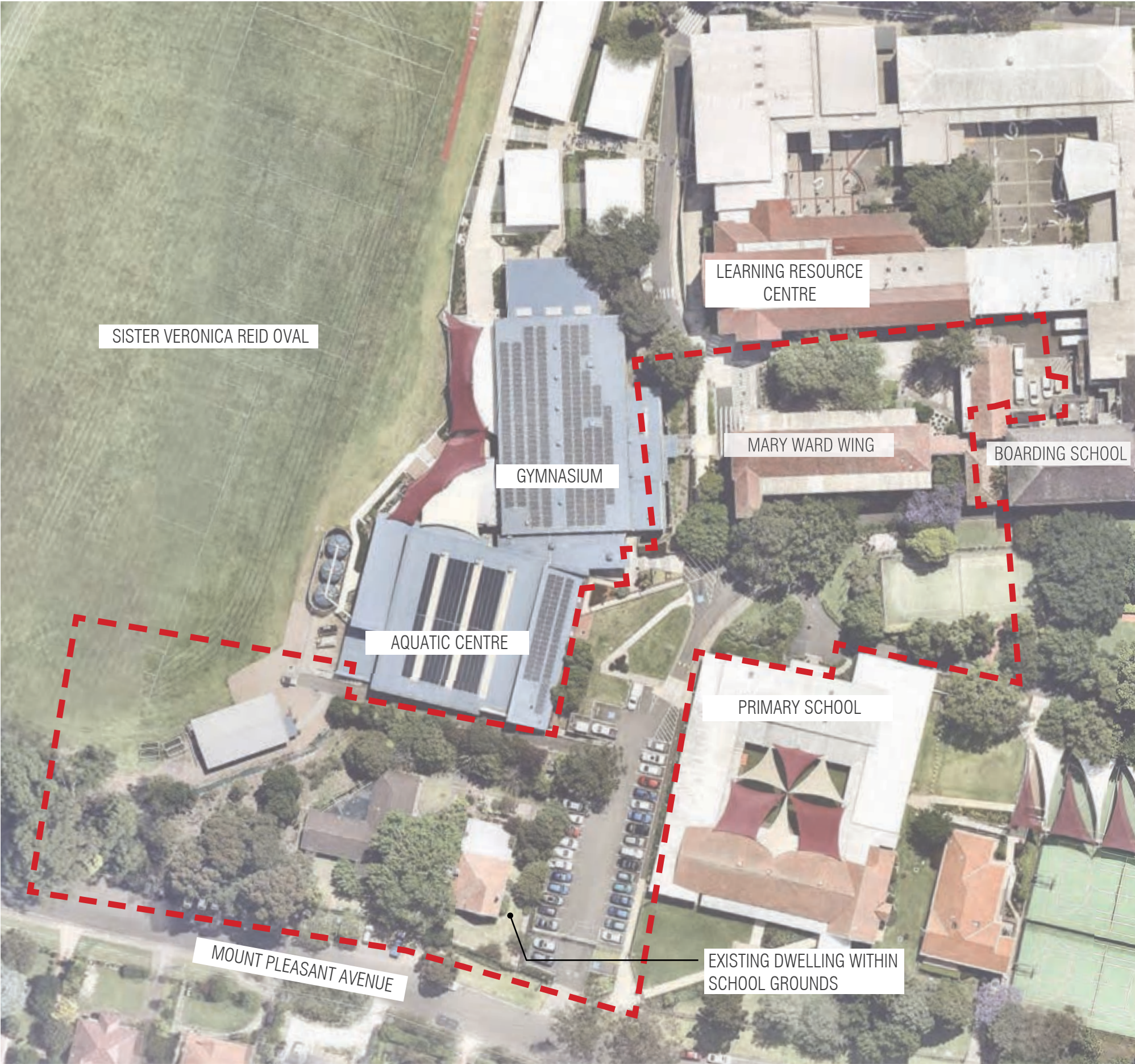
LORETO NORMANHURST
*STATE SIGNIFICANT DEVELOPMENT APPLICATION
(LANDSCAPE CONCEPT MASTERPLAN STAGE 1 WORKS)
REVISION C*

JANUARY 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



| REV | DATE | STATUS | INITIALS |
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PROPOSED LANDSCAPE MASTERPLAN



PROPOSED VEHICULAR & PEDESTRIAN MASTERPLAN

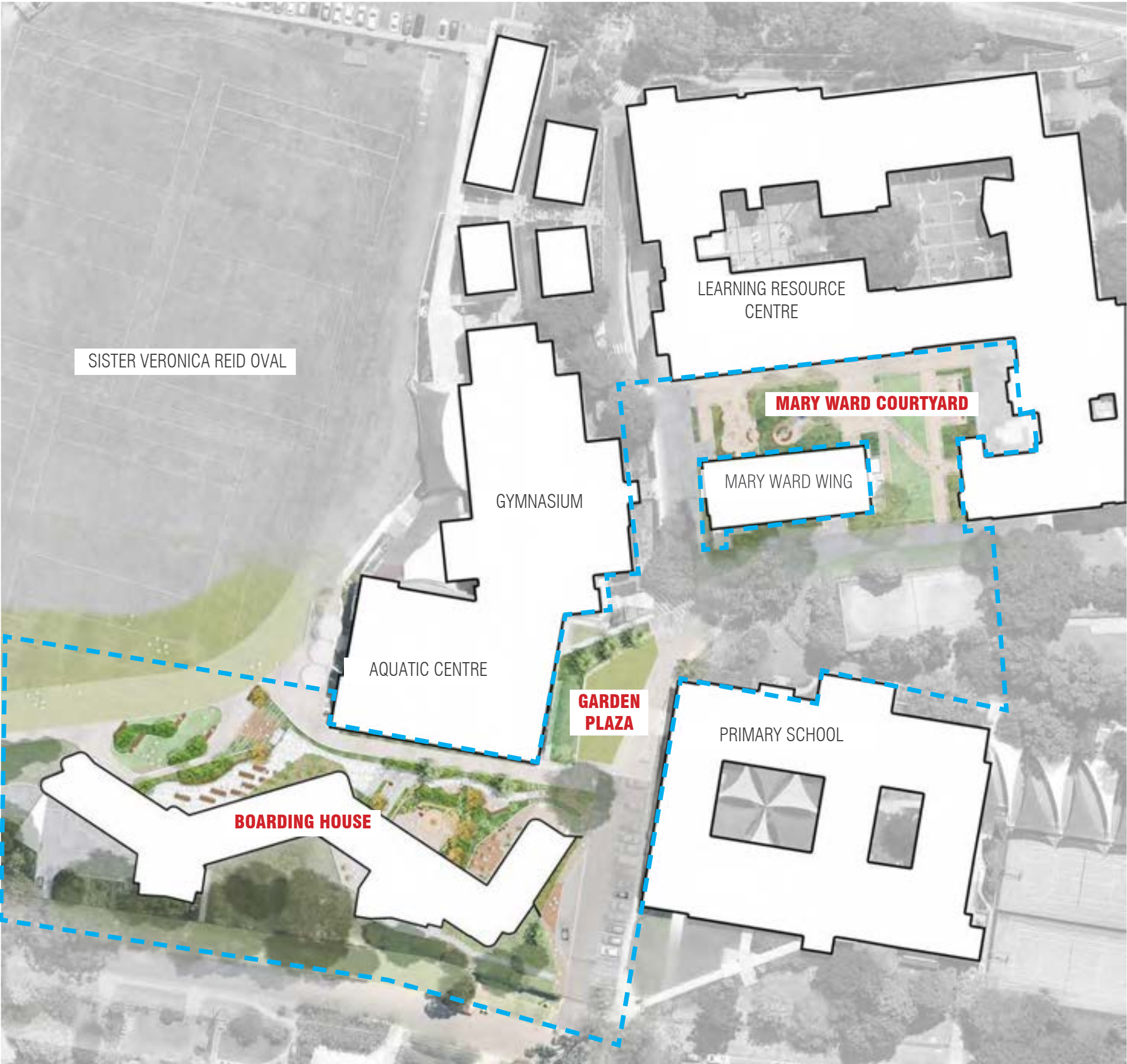


LEGEND

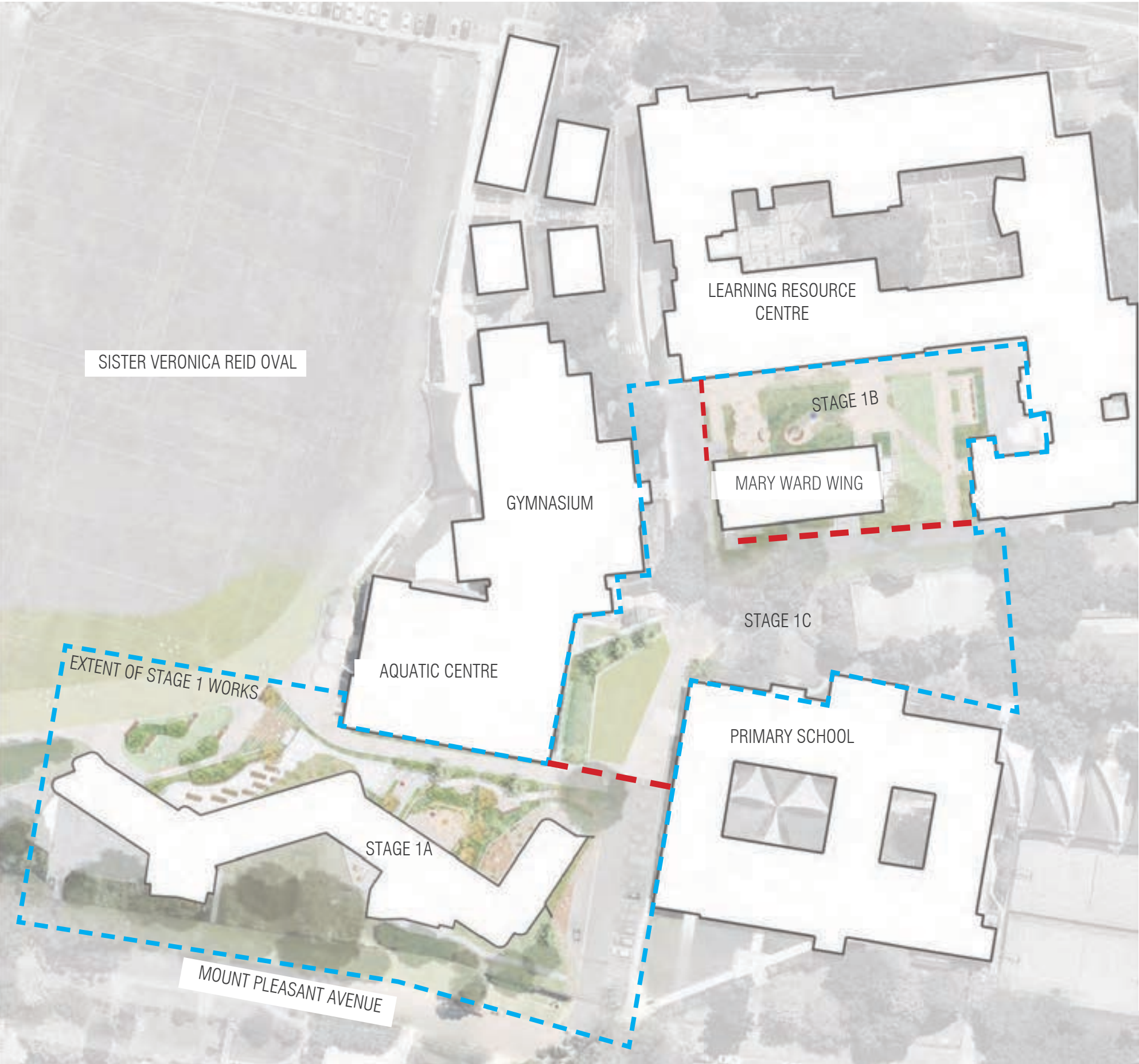
- Car parking and delivery access
- Additional Emergency Vehicle Access
- Maintenance Digger Access

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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

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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.



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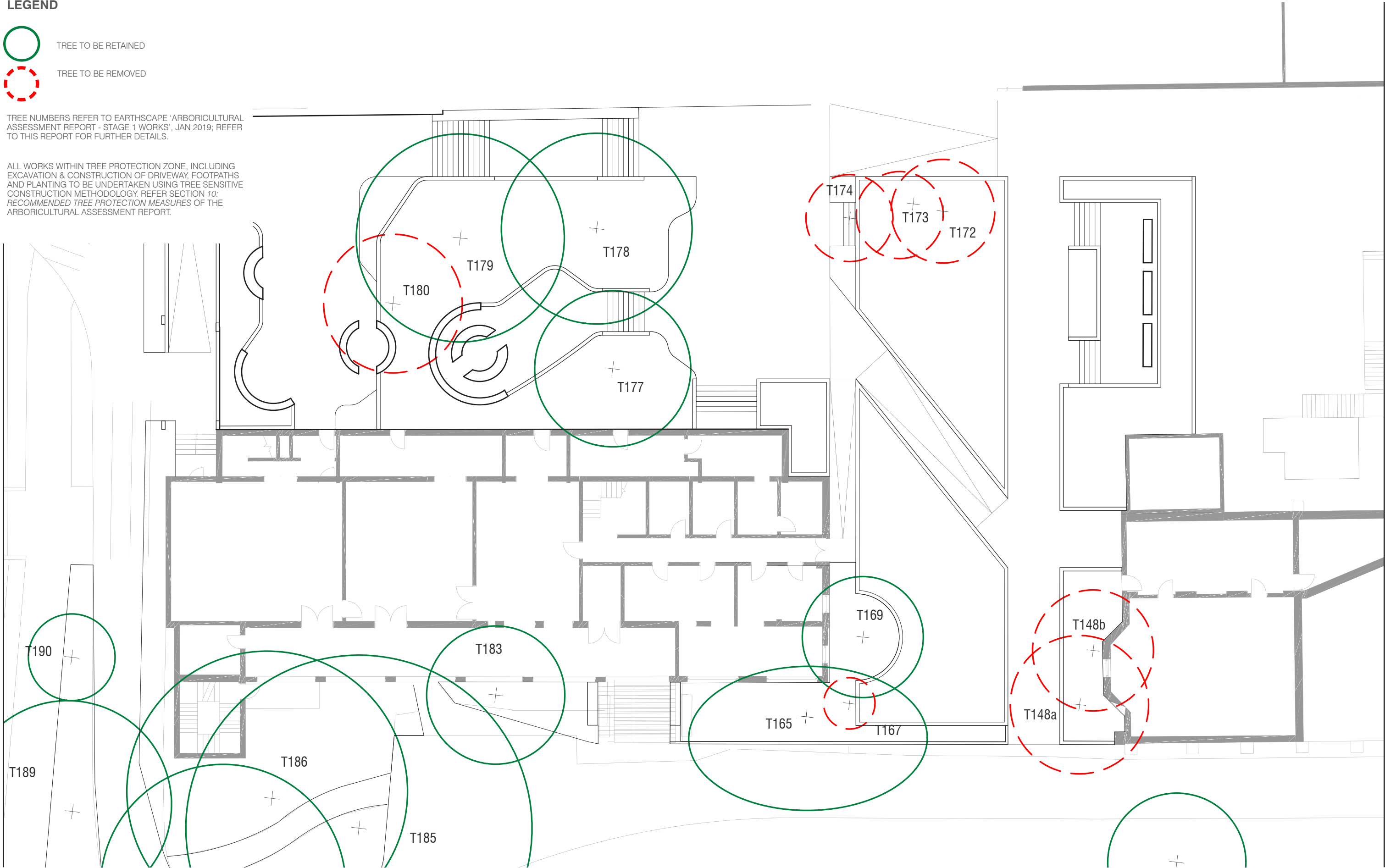
MARY WARD COURTYARD TREE RETENTION & REMOVAL PLAN

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.

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STAGE 1 WORKS
LORETO NORMANHURST

job no.: S18-031
date: 15.01.21

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L-101

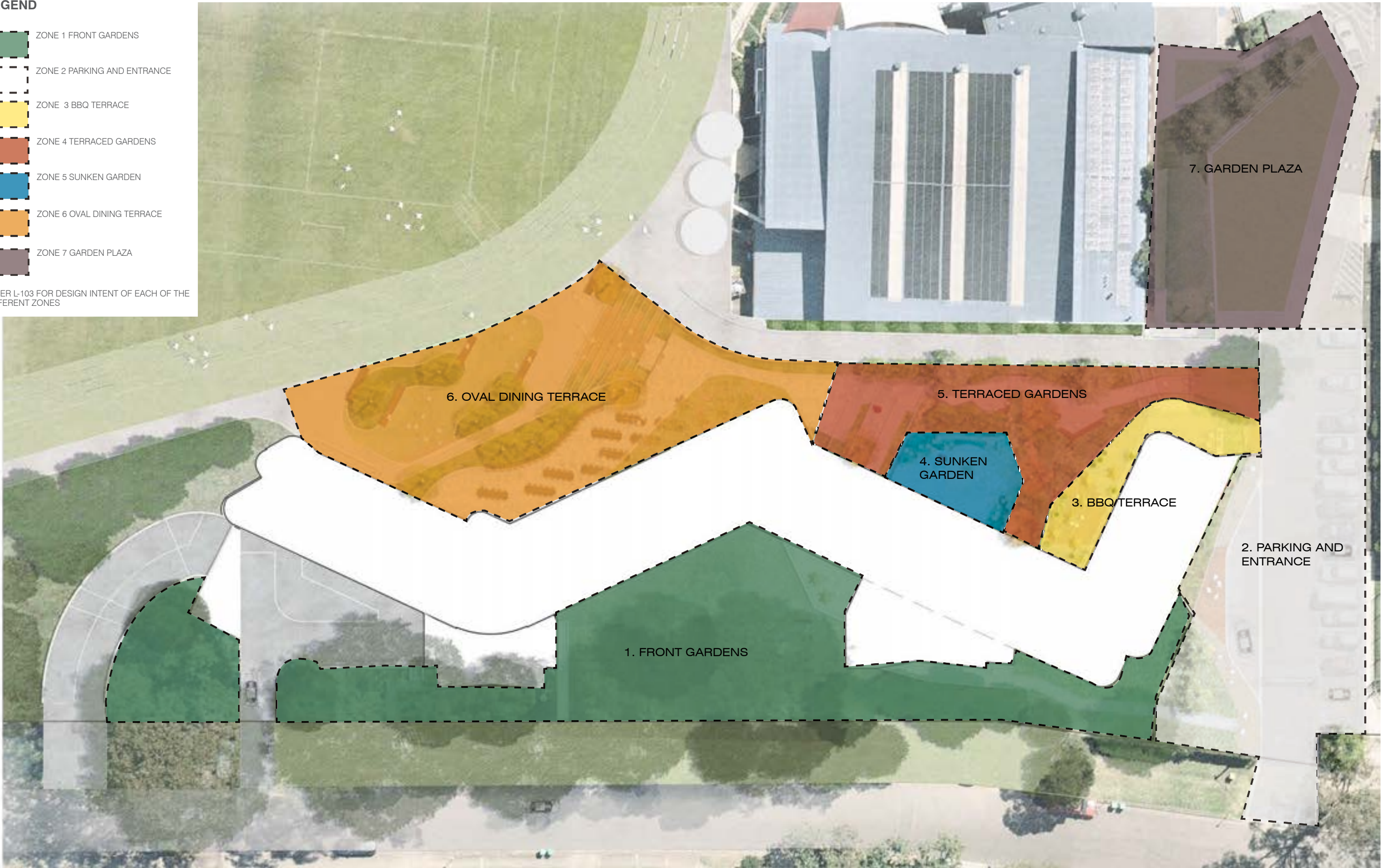
C

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



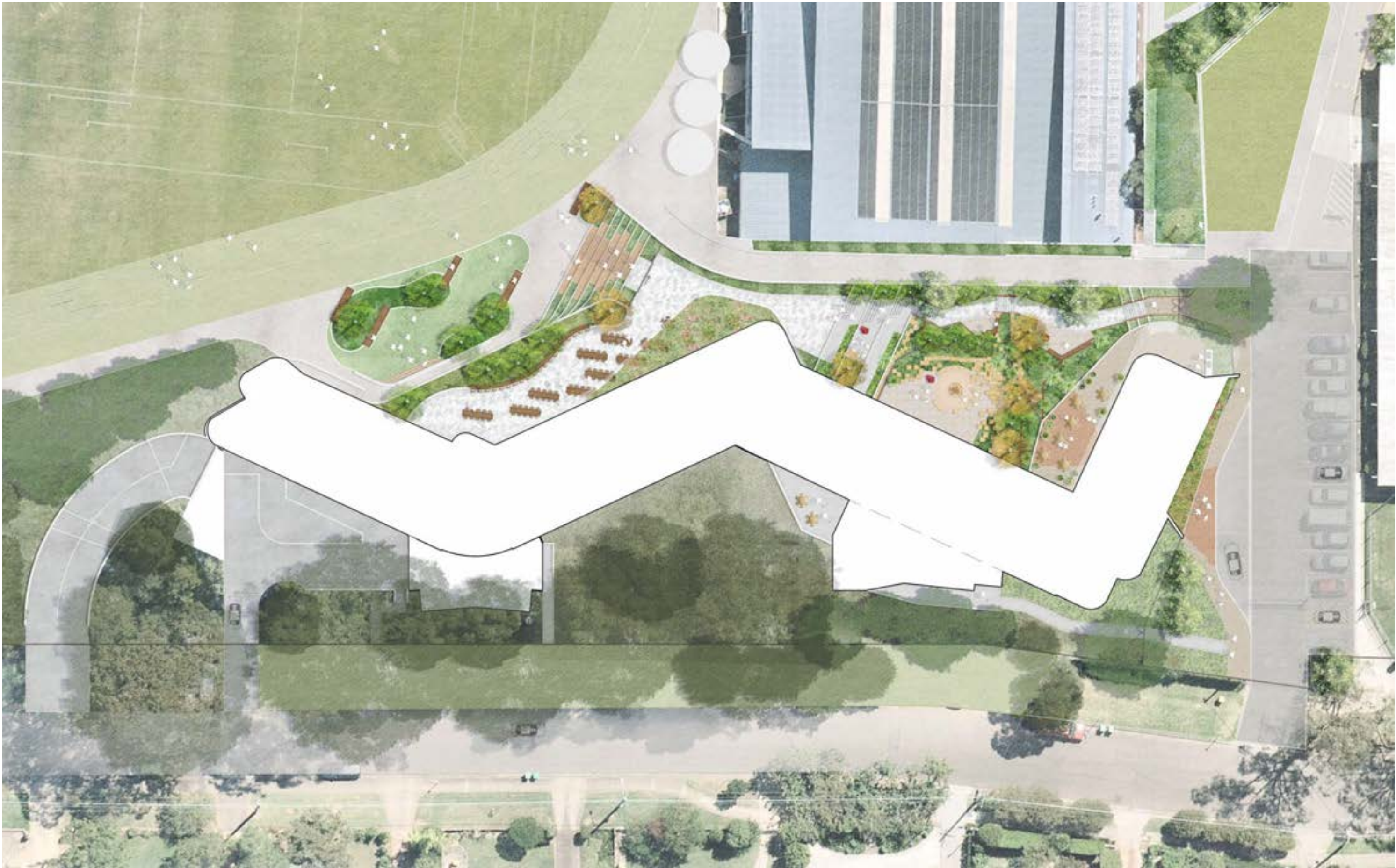
- Outlook across the oval
- Adaptable furniture for flexible use
- Small feature trees to provide shade
- Clean lines and simple paving
- Area for group activities

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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loreto normanhurst

AJ+C
ALAN JACKSON

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STAGE 1 WORKS
LORETO NORMANHURST

GROUND FLOOR LANDSCAPE

job no.: S18-031
date:15.01.21

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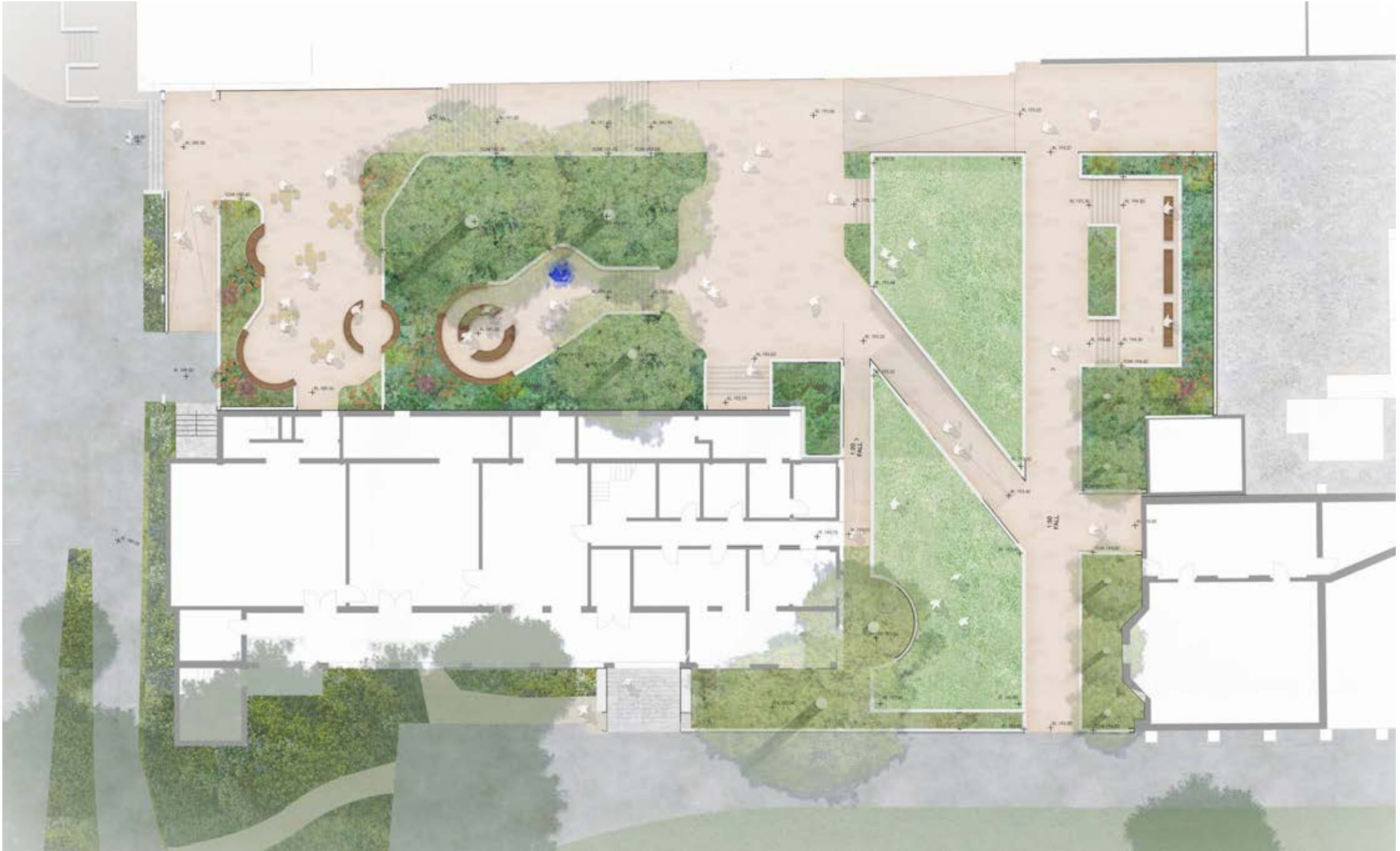
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L-105

C

MARY WARD LANDSCAPE PLAN



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loretonormanhurst

AJ+C
ALAN JACKSON

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STAGE 1 WORKS
LORETO NORMANHURST

GROUND FLOOR LANDSCAPE

job no.: S18-031
date:15.01.21

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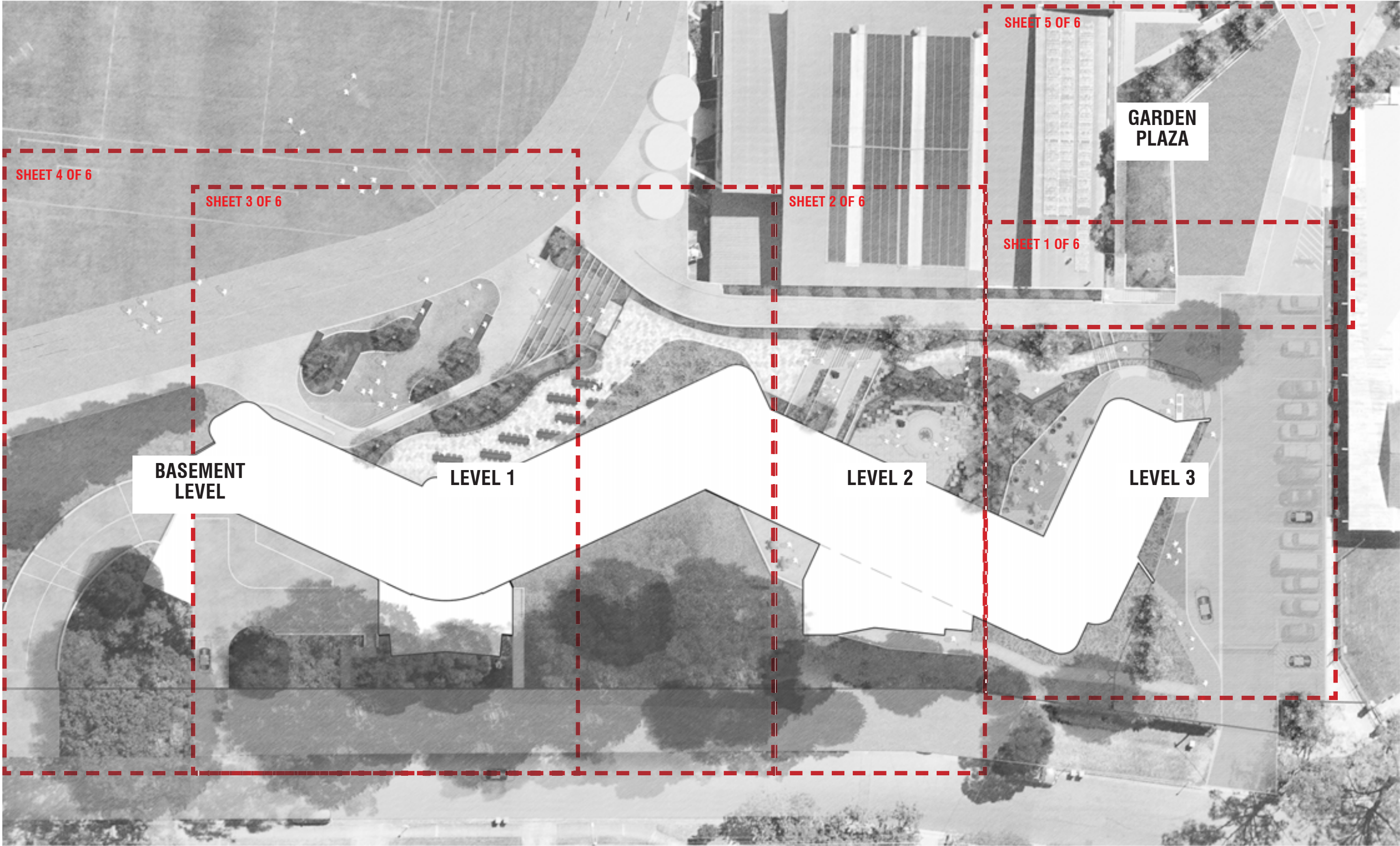
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L-106

C

BOARDING SCHOOL LANDSCAPE KEY PLAN - LEVELS



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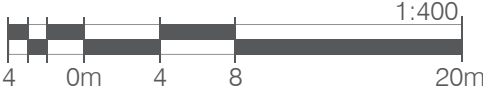


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STAGE 1 WORKS
LORETO NORMANHURST

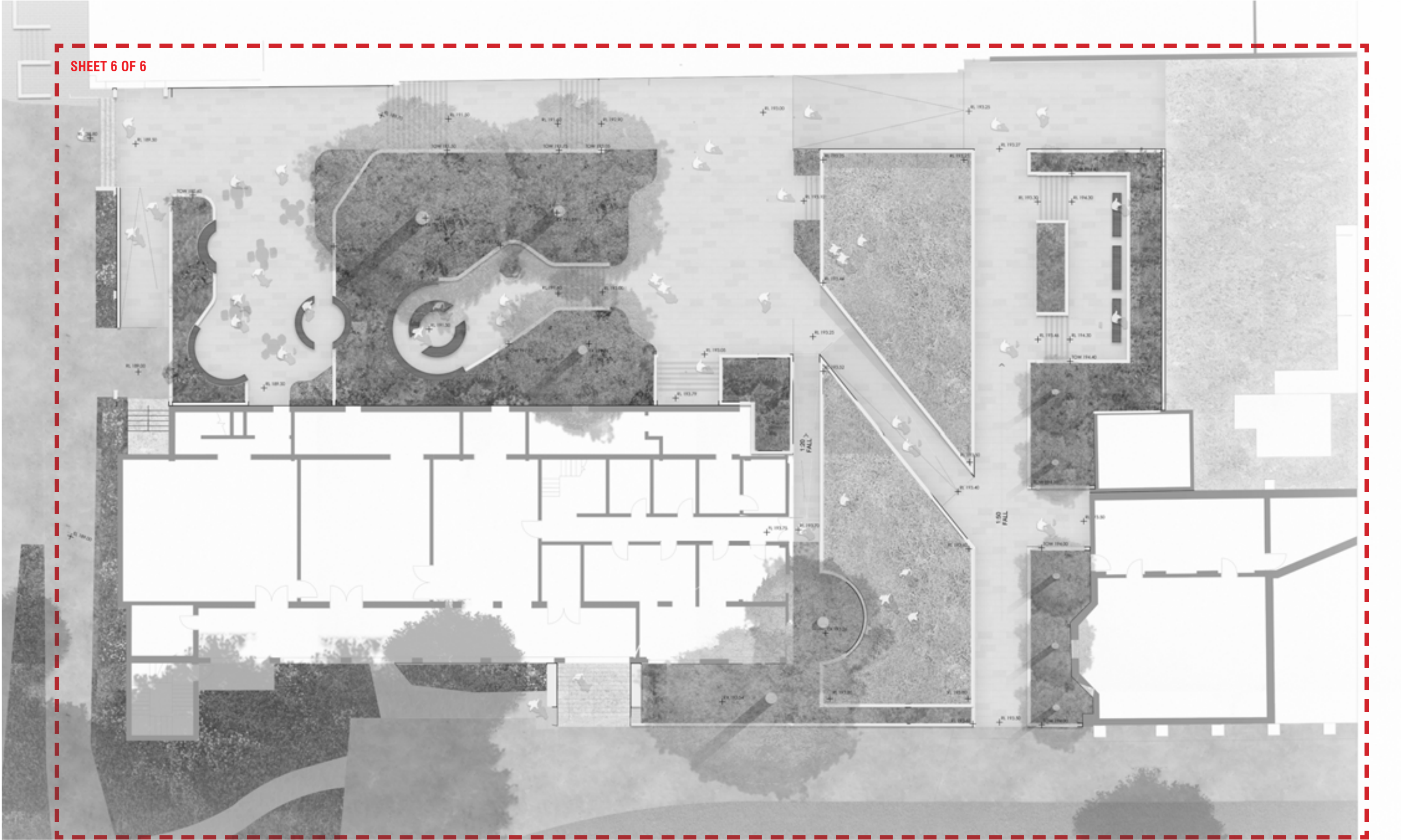
GROUND FLOOR LANDSCAPE
KEY PLAN

job no.: S18-031
date:15.01.21



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L-200
C

MARY WARD LANDSCAPE KEY PLAN



SHEET 6 OF 6

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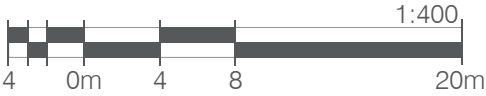


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STAGE 1 WORKS
LORETO NORMANHURST

MARY WARD LANDSCAPE
KEY PLAN

job no.: S18-031
date:15.01.21



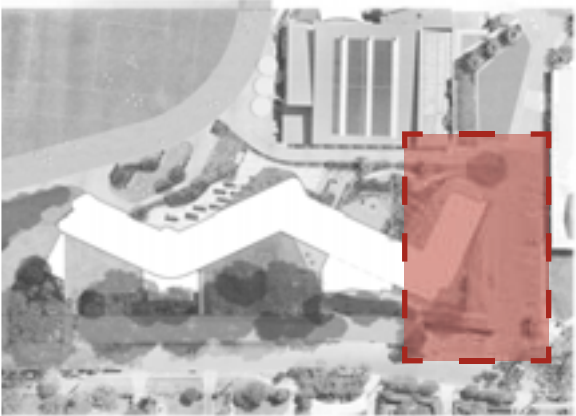
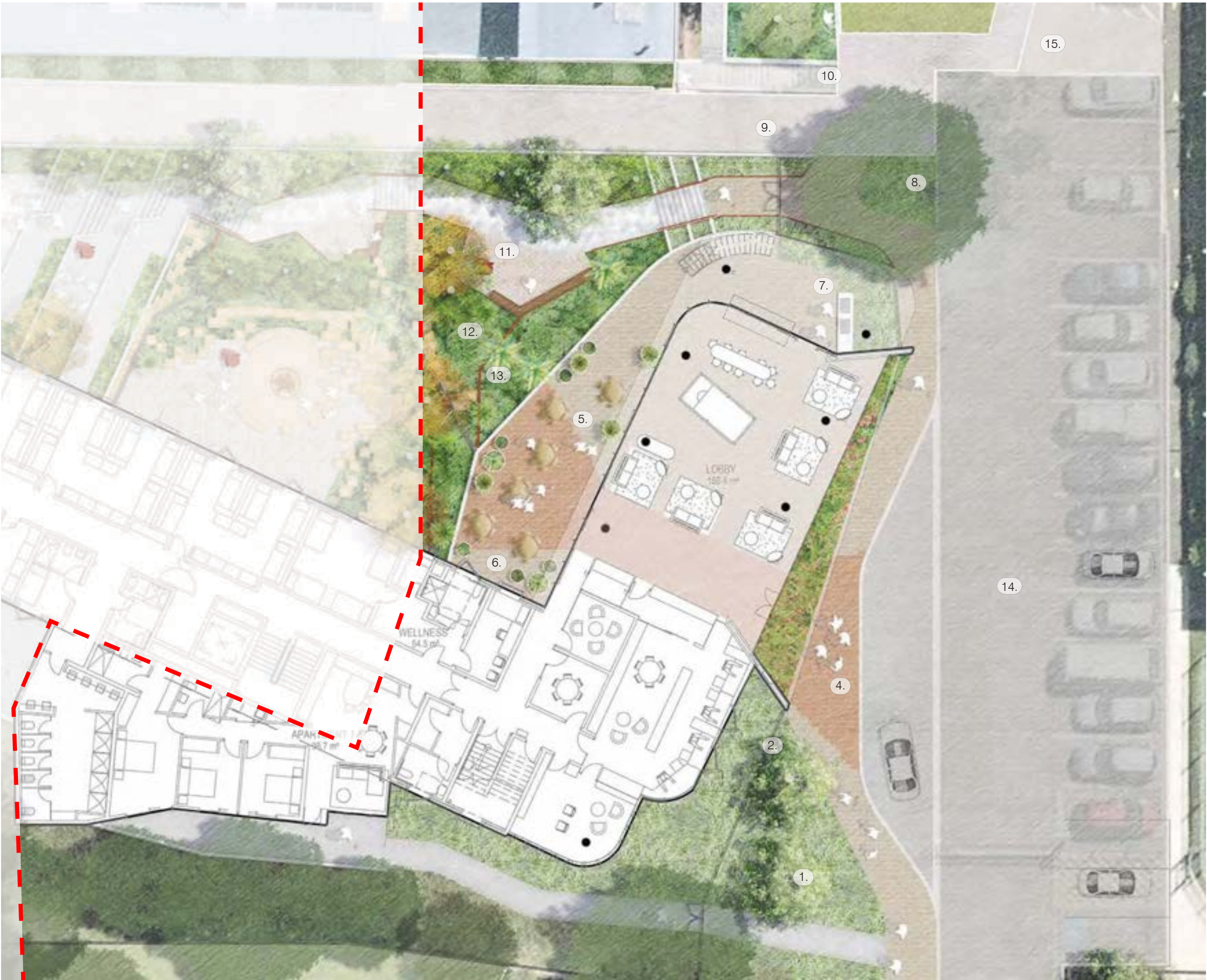
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L-201

C

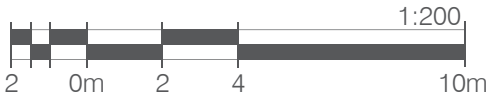
BOARDING SCHOOL LEVEL 3 LANDSCAPE PLAN - [SHEET 1 OF 6]



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



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3. STAGE 1 WORKS
LORETO NORMANHURST

DETAIL PLAN 01
PROPOSED LANDSCAPE DESIGN

job no.: S18-031
date:15.01.21

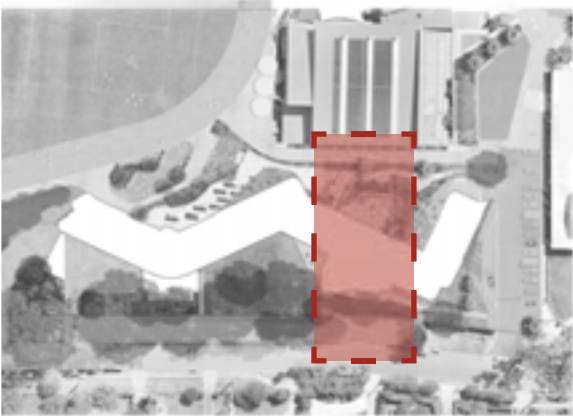
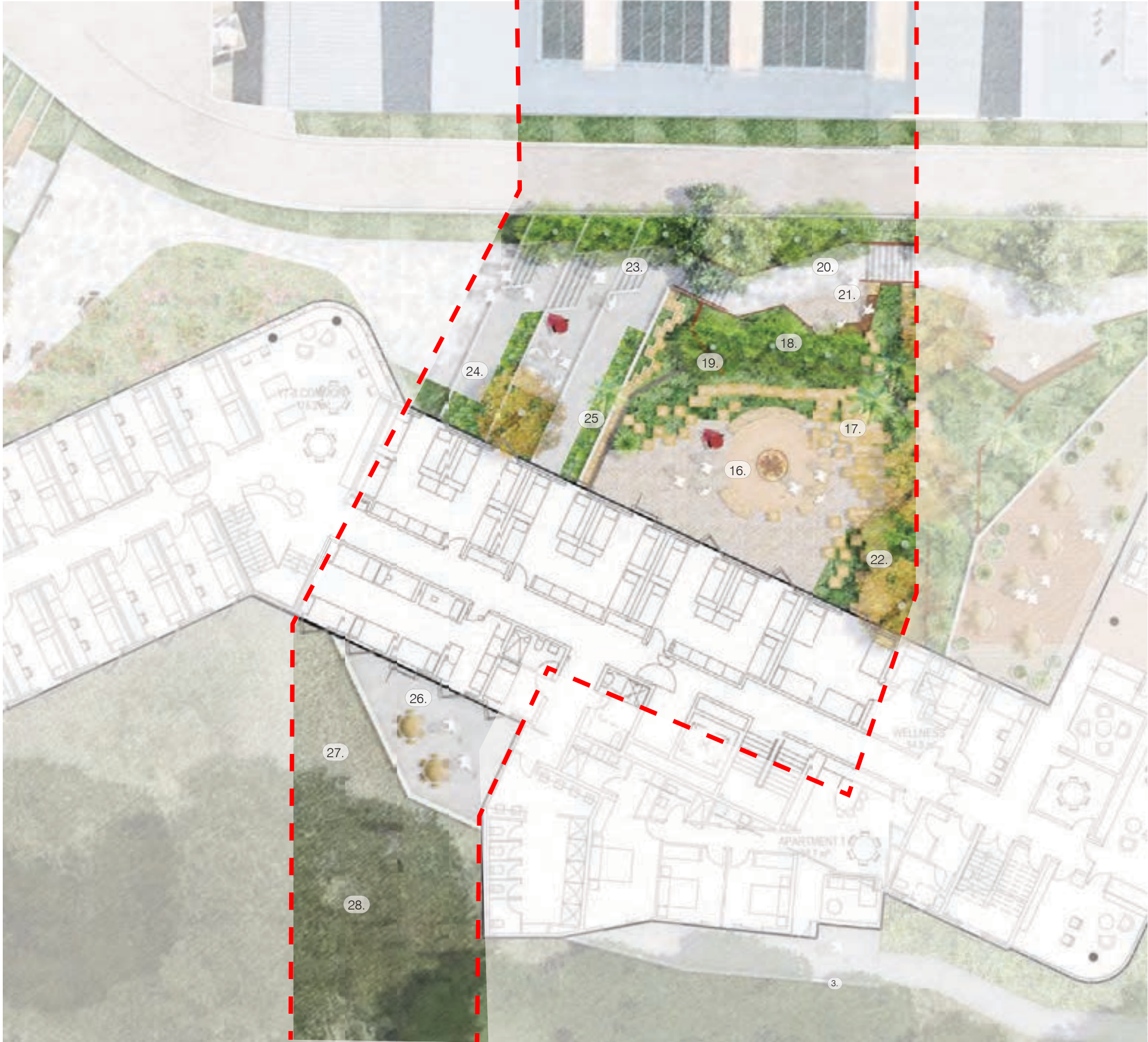
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L-202

C

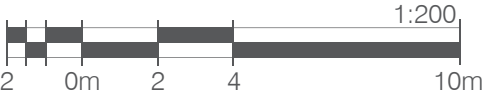
BOARDING SCHOOL LEVEL 3 LANDSCAPE PLAN - [SHEET 2 OF 6]



KEY PLAN

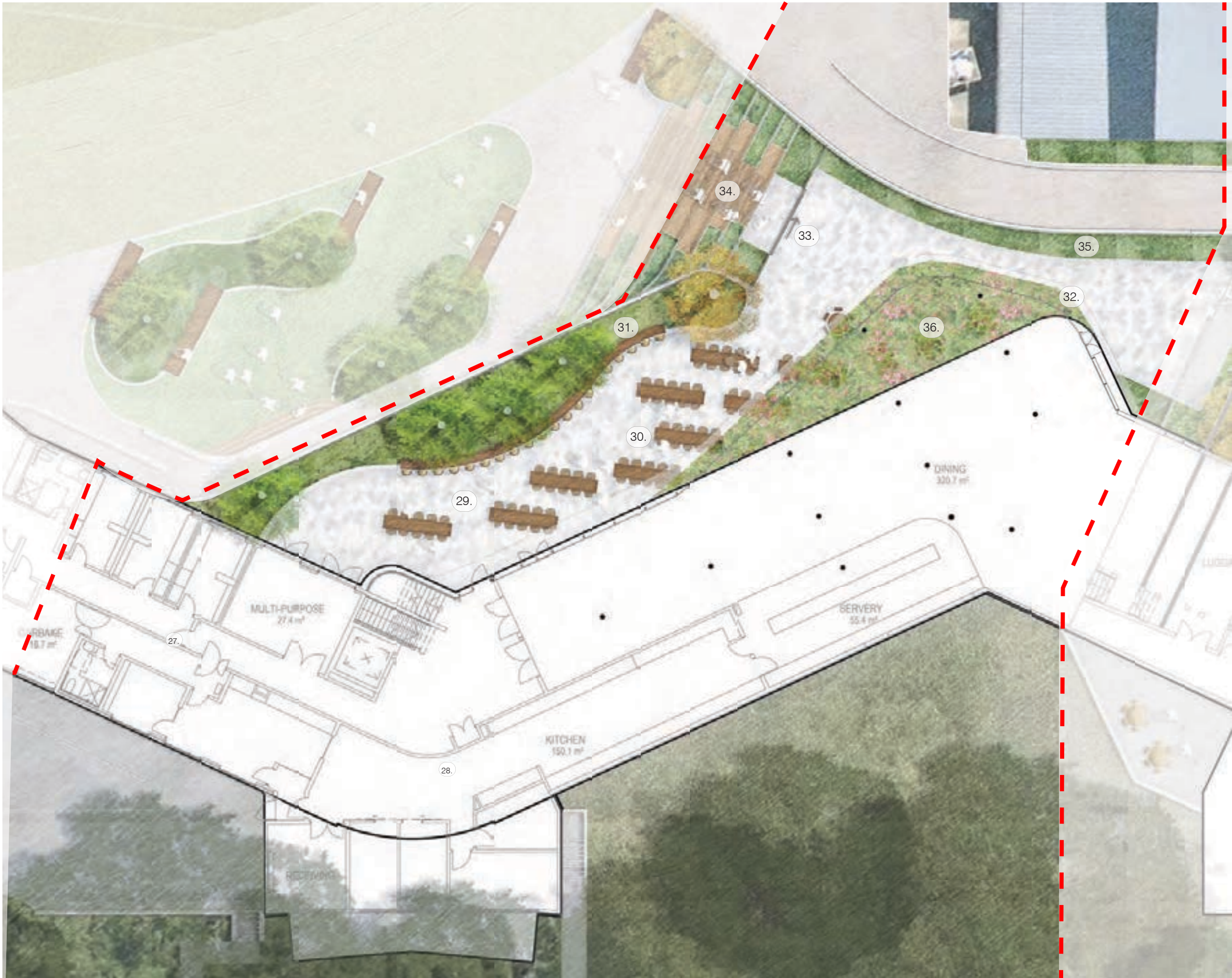
KEY FEATURES

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



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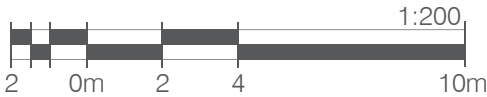
BOARDING SCHOOL LEVEL1 LANDSCAPE PLAN - [SHEET 3 OF 6]



KEY PLAN

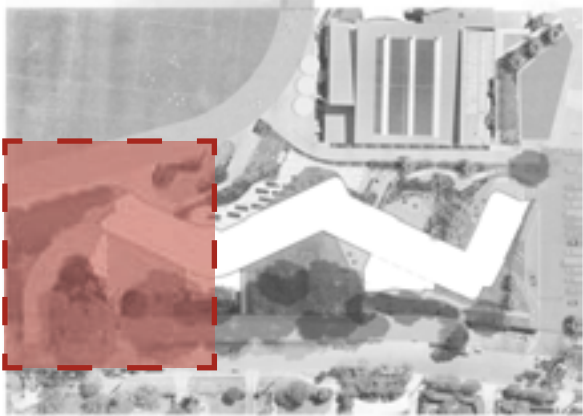
KEY FEATURES

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



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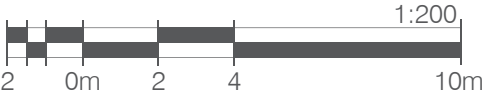
BOARDING SCHOOL BASEMENT LEVEL LANDSCAPE PLAN - [SHEET 4 OF 6]



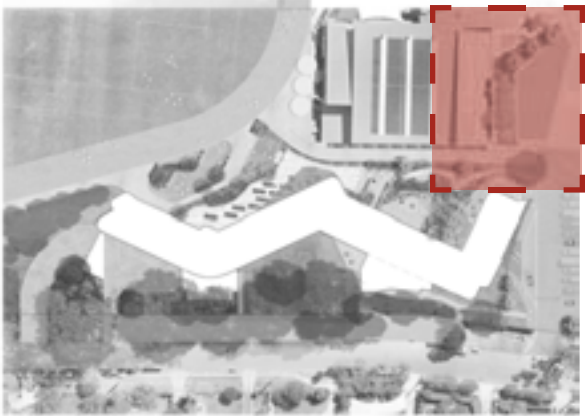
KEY PLAN

KEY FEATURES

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



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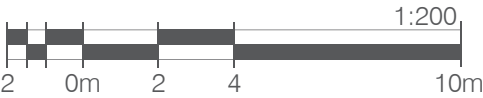
KEY PLAN

KEY FEATURES

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



47.



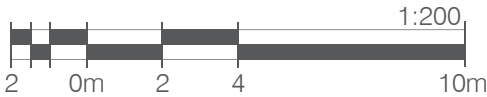
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KEY PLAN

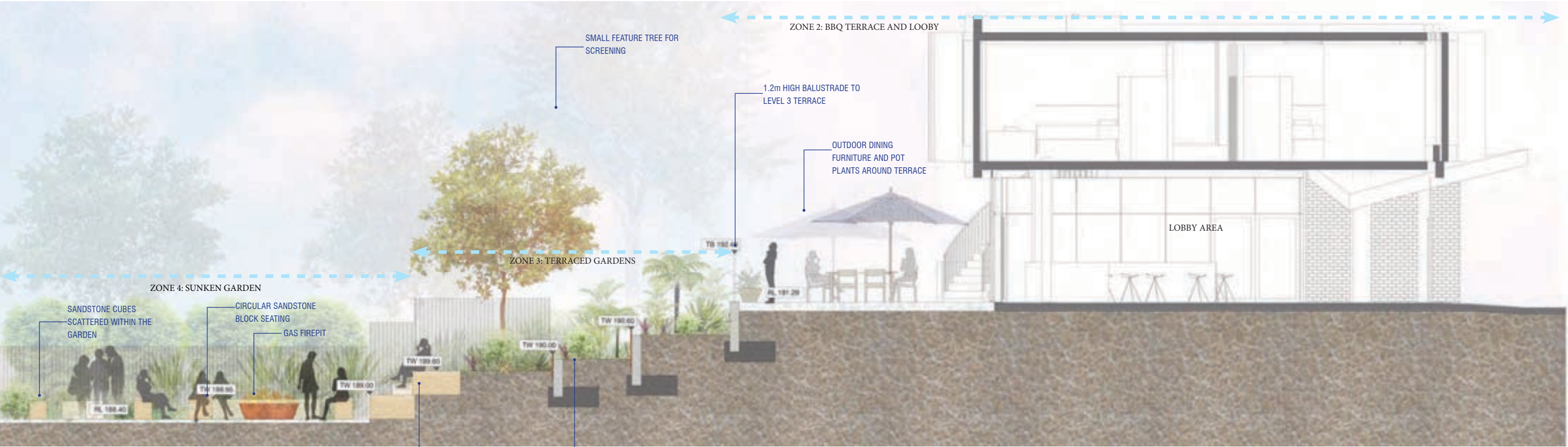
KEY FEATURES

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

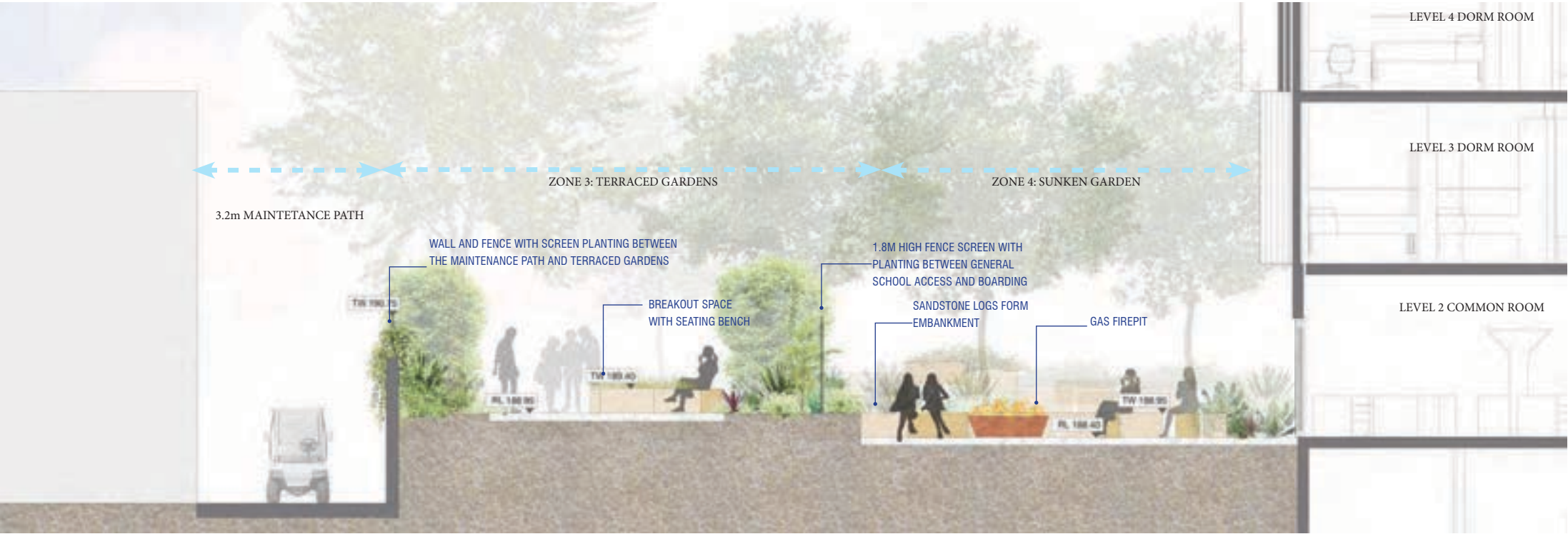


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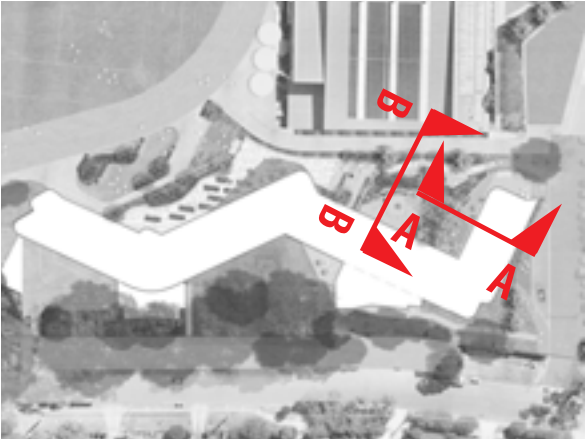
BOARDING SCHOOL LANDSCAPE SECTIONS



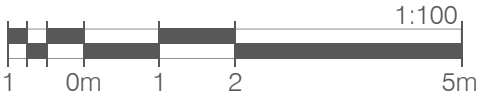
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CROSS SECTION BB

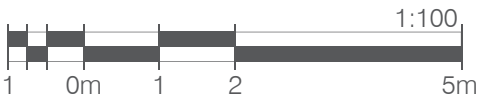
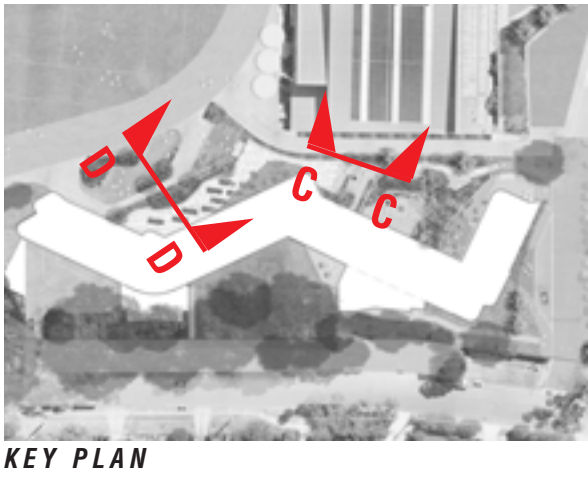
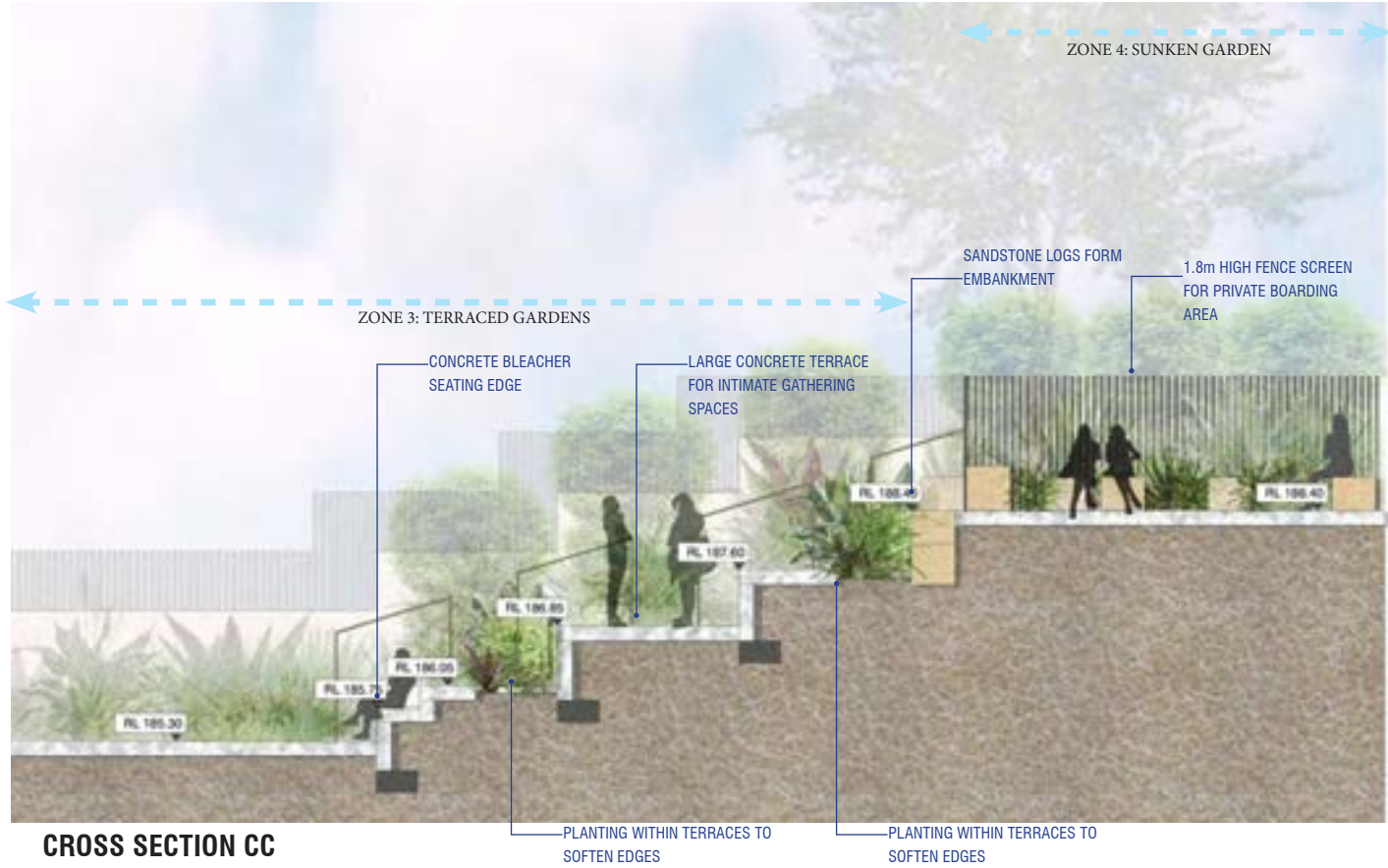


KEY PLAN

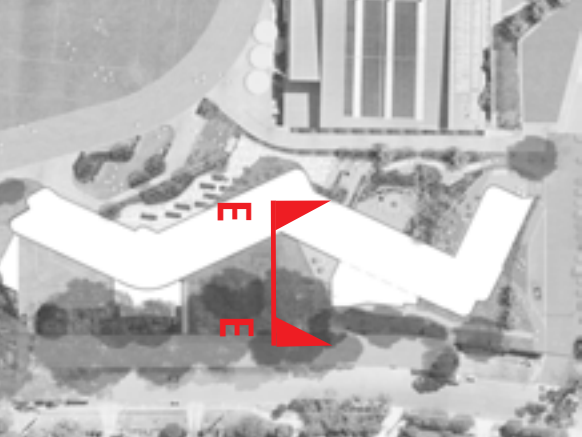


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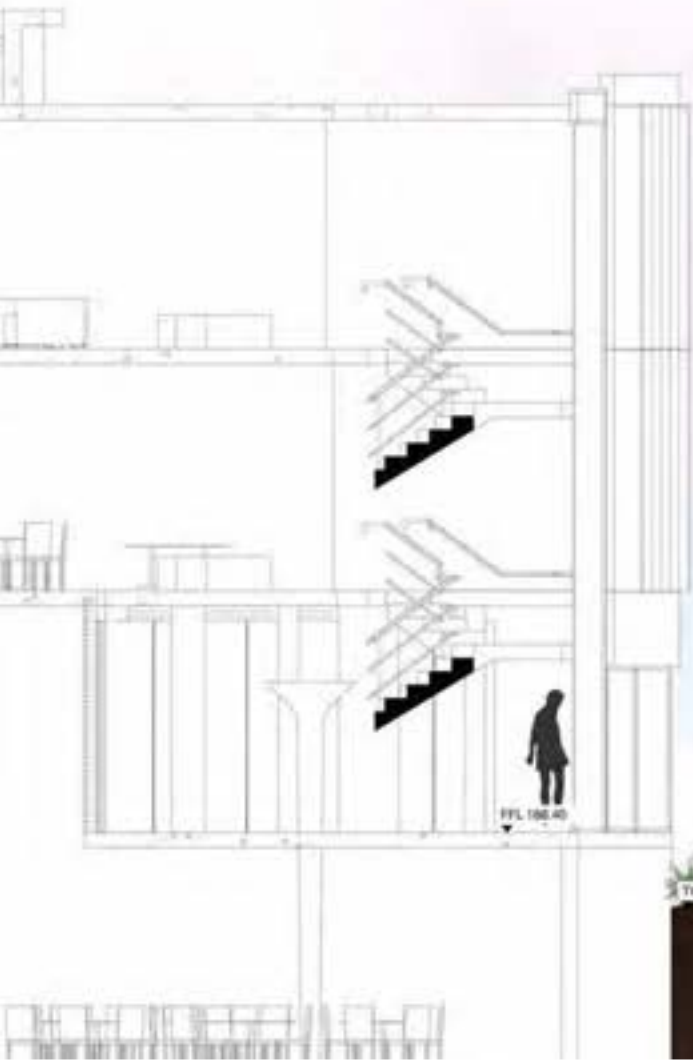
BOARDING SCHOOL LANDSCAPE SECTIONS



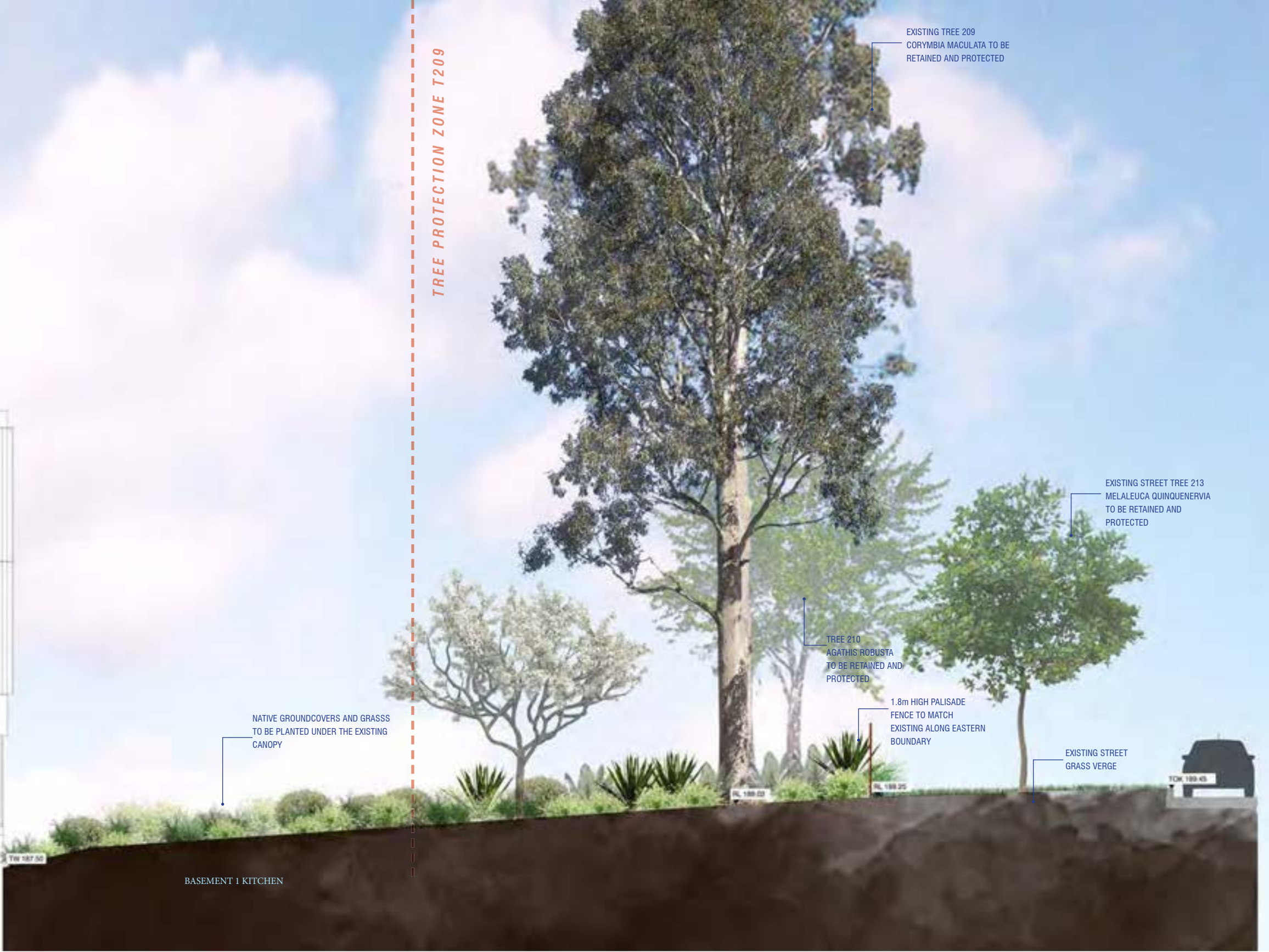
BOARDING SCHOOL LANDSCAPE SECTIONS



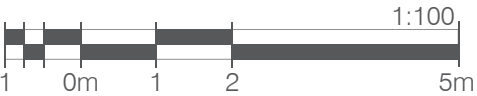
KEY PLAN



CROSS SECTION EE



←----- ZONE 1: FRONT GARDENS -----→ MOUNT PLEASANT AVENUE →



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| C | 15/01/21 | SSDA | AK |

STAGE 1 WORKS
LORETO NORMANHURST

INDICATIVE SECTION THROUGH
EXISTING TREE

job no.: S18-031
date:15.01.21

1:100@A3



L-302

C

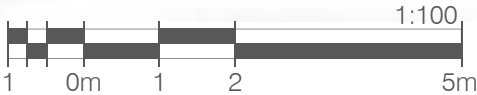
MARY WARD LANDSCAPE SECTION



KEY PLAN

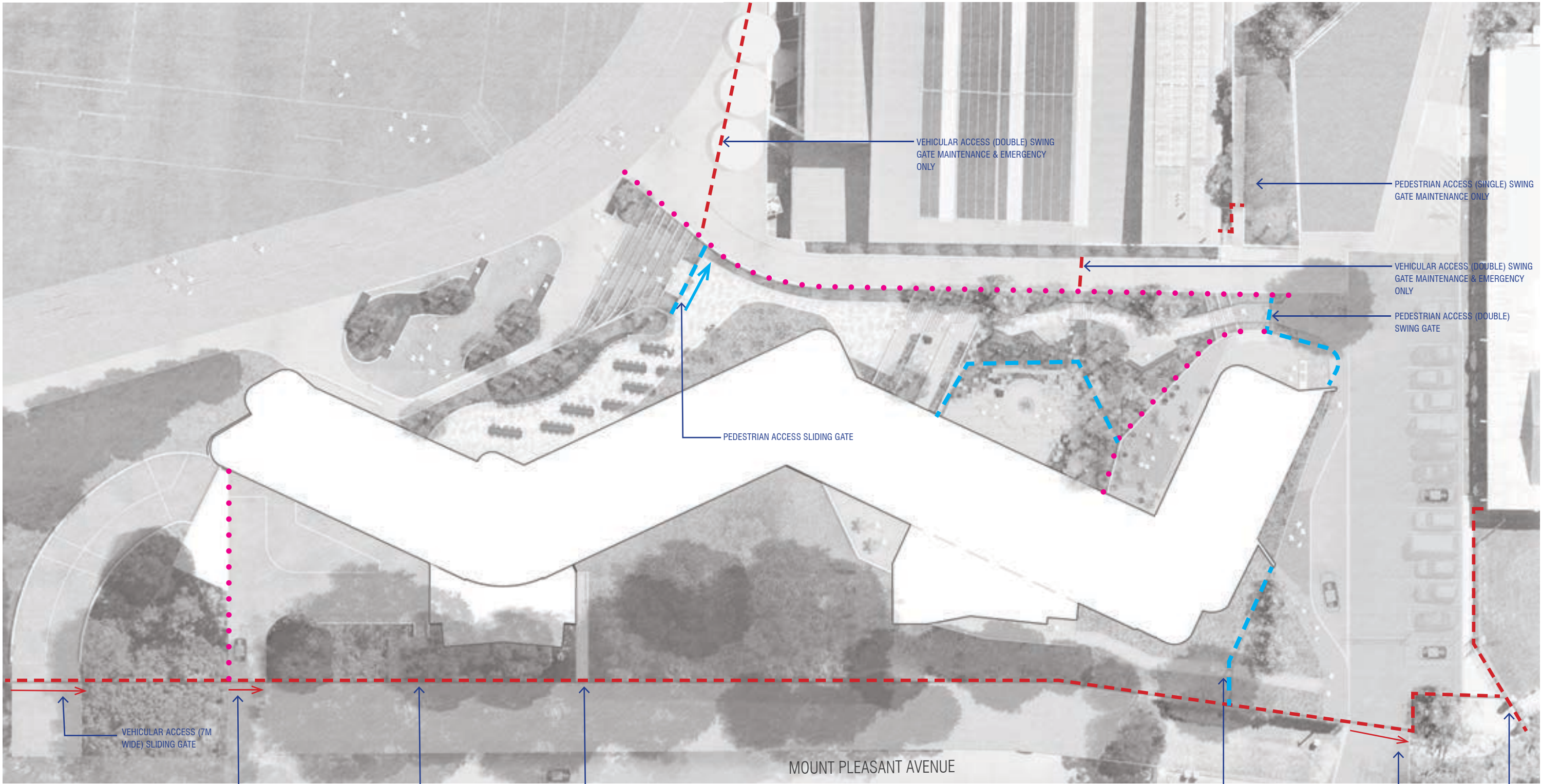


CROSS SECTION FF



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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

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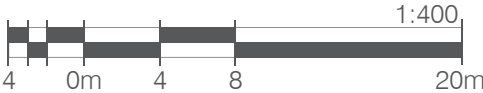


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STAGE 1 WORKS
LORETO NORMANHURST

FENCE ARRANGEMENT PLAN

job no.: S18-031
date: 15.01.21



1:400@A3



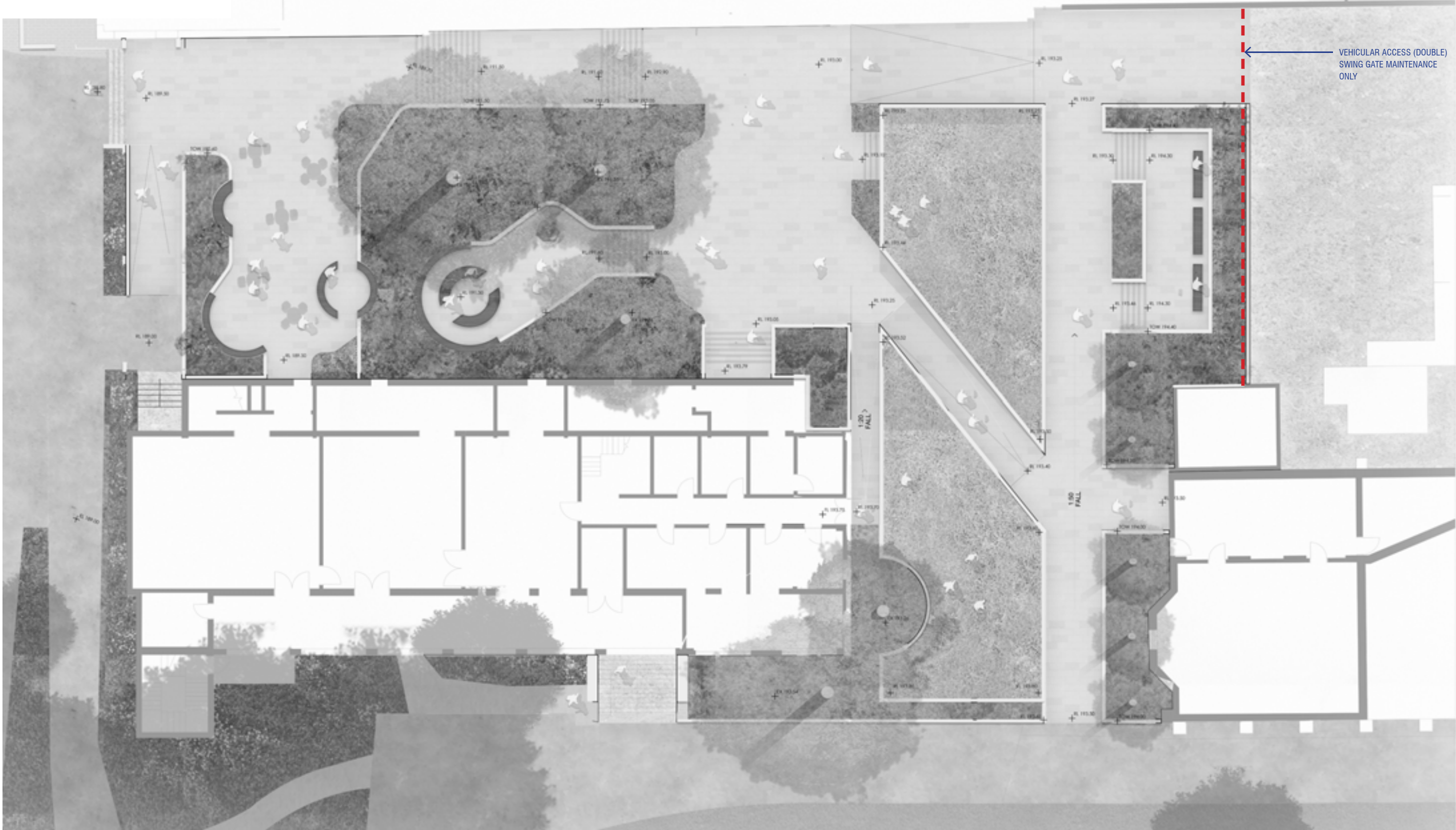
L-400

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MARY WARD FENCE ARRANGEMENT PLAN

LEGEND

1.8M PALISADE SECURITY FENCE -
TO MATCH EXISTING



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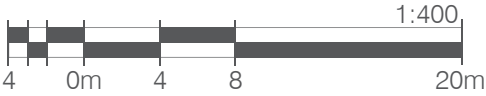


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STAGE 1 WORKS
LORETO NORMANHURST

FENCE ARRANGEMENT PLAN

job no.: S18-031
date:15.01.21



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L-401

C

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

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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>Helichrysum 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>Cordylne 'Rubra'</i> | Cordylne 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.

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STAGE 1 WORKS
LORETO NORMANHURST

PLANTING IMAGES

job no.: S18-031
date:15.01.21



L-501

C



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'



Dietes grandiflora



Trachelospermum jasminoides 'Tricolor'



Pennisetum alopecuroides 'Nafray'

INDICATIVE PLANT SCHEDULE - CONTINUED

| ZONE 5TERRACED 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 |
| Dietses 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 6OVAL 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 |
| Dietses 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 + 9GARDEN 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 |
| Dietses 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 8EXTENSIVE 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 |

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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



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MARY WARD DEEP SOIL PLAN

LEGEND

DEEP SOIL ZONES



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| C | 15/01/21 | SSDA | AK |

STAGE 1 WORKS
LORETO NORMANHURST

DEEP SOIL PLAN

job no.: S18-031
date:15.01.21

NTS@A1



L-504

C

landscape architect

client

architect

revision

project

drawing title

drawing information

north

drawing number

ev.

BOARDING HOUSE TREE PLANTING PLAN

| BOARDING HOUSE - TREES SCHEDULE - STAGE 1 | | | | | | | |
|---|---------------------|-----------------|--------|-------------|----------|----------|-----------------|
| GARDEN CODE | PRICE | COMMON NAME | HEIGHT | SIZE (WIDE) | SPACING | PLANTING | QUANTITY |
| | TREES | | | | | | Total trees / m |
| AF | Acacia saligna | Japanese Maple | 400L | 4x4m | as shown | 15 | |
| AC ** | Albizia julibrissin | Ele-Gal | 200L | 10x10m | as shown | 2 | |
| AC ** | Albizia julibrissin | Japanese Maple | 200L | 25x25m | as shown | 4 | |
| CF | Conocarpus stricta | Japanese Maple | 200L | 10x10m | as shown | 16 | |
| CG | Conocarpus stricta | Red Chinese Elm | 75L | 5x5m | as shown | 4 | |
| CH | Conocarpus stricta | Red Chinese Elm | 75L | 4x4m | as shown | 7 | |
| CH ** | Conocarpus stricta | Red Chinese Elm | 200L | 7x7m | as shown | 10 | |
| HF | Hydrangea serrata | Native Fraxinus | 200L | 8x8m | as shown | 9 | |
| SA | Scaevola taccada | Red Chinese Elm | 200L | 5x5m | as shown | 10 | |

*These prices for 4000 are estimated values only.

94 Existing Trees removed from site for Stage 1 works (Planting House).

3. Proposed Time + Time Remaining

15 of proposed trees are from the recommended species list

II Trees to be planted must be large enough to replace trees removed. Species to be removed must be replaced 1:1.



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STAGE 1 WORKS
LORETO NORMANHURST

job no.: S18-031
date:15.01.21



L-505

3

MARY WARD TREE PLANTING PLAN

MARY WARD - TREES SCHEDULE - STAGE 1

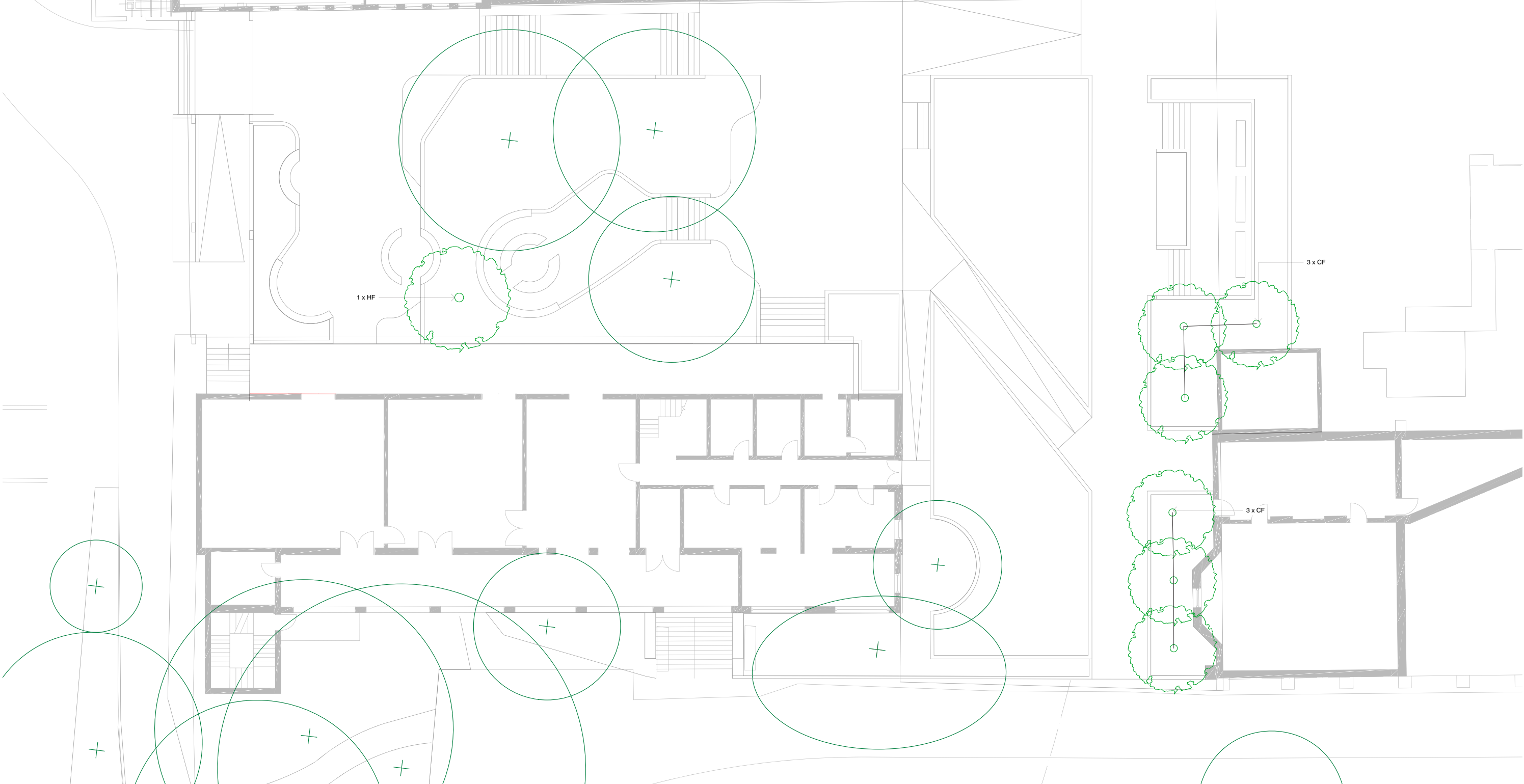
| GARDENBED CODE | SPECIES | COMMON NAME | POT SIZE | SIZE (HxW) | DENSITY /SQ.M | % IN MIX |
|----------------|---------------------|-------------------|----------|------------|---------------|----------|
| | TREES | | | | | No. |
| CF | Caesalpinia ferrea | Leopard Tree | 100L | 10 x 5m | as shown | 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.



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.