



ARTERRA DESIGN PTY LTD ABN 40 069 552 610
SUITE 602 / 51 RAWSON STREET, EPPING, NSW 2121
P 02 9957 2466 F 02 9957 3977 W ARTERRA.COM.AU

PROJECT & CLIENT

58 Laitoki Road, Terrey Hills - ILUs and RACF

58 Laitoki Road Terrey Hills NSW 2084

Prepared for :
Tolucy Pty Ltd

Landscape Concepts

DRAWING INDEX

Drawing No:	Drawing Name	Current Rev.
L-SD-CS	Cover Sheet	
L-SD-00	Landscape Concept Plan (Overall)	C
L-SD-01	Landscape Concept Plan (West)	C
L-SD-02	Landscape Concept Plan (East)	C
L-SD-03	Landscape Concept & Planting Plan (Roof)	C
L-SD-04	Landscape Planting Plan (West)	C
L-SD-05	Landscape Planting Plan (East)	C
L-SD-06	Plant Schedule & Indicative Imagery	C
L-SD-07	Landscape Sections	C
L-SD-08	Landscape Area Calculations	C



Indicative Perspective Imagery - Northern Side Passage of ILUs

DATE :

12 April 2019

ISSUE :

For LEC Determination

Indicative Perspective Imagery



Overview Looking South East



Overview of RACF Entry Looking South



Overview of RACF Entry Looking North from Cooyong Road



Existing Tree to be Retained

Existing Tree Conditionally Retained

Proposed Tree

Site Boundary

Riparian Corridor Zone

Fencing

Building Outline

Roof Over

Unit Paving - Common Areas

Unit Paving - Private Courtyards

Concrete Paving

Lawn / Turf

Mulched Garden Area

Native Revegetation

Retaining Walls

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C	For LEC Determination	RWS	12/04/19
B	For Council Meeting 04/04/19	RWS	03/04/19
A	For Development Application	RWS	04/10/18
REVISION DESCRIPTION		CHKD	DATE

PROJECT & CLIENT

58 Laitoki Road, Terrey Hills - ILUs and RACF

Tolucy Pty Ltd

DRAWING TITLE

Landscape Concept Plan (Overall)

Project No : 18.17

Designed : RWS/CLB

Drawn : RWS/CLB

Scale : 1:400@A1/1:800@A3

North

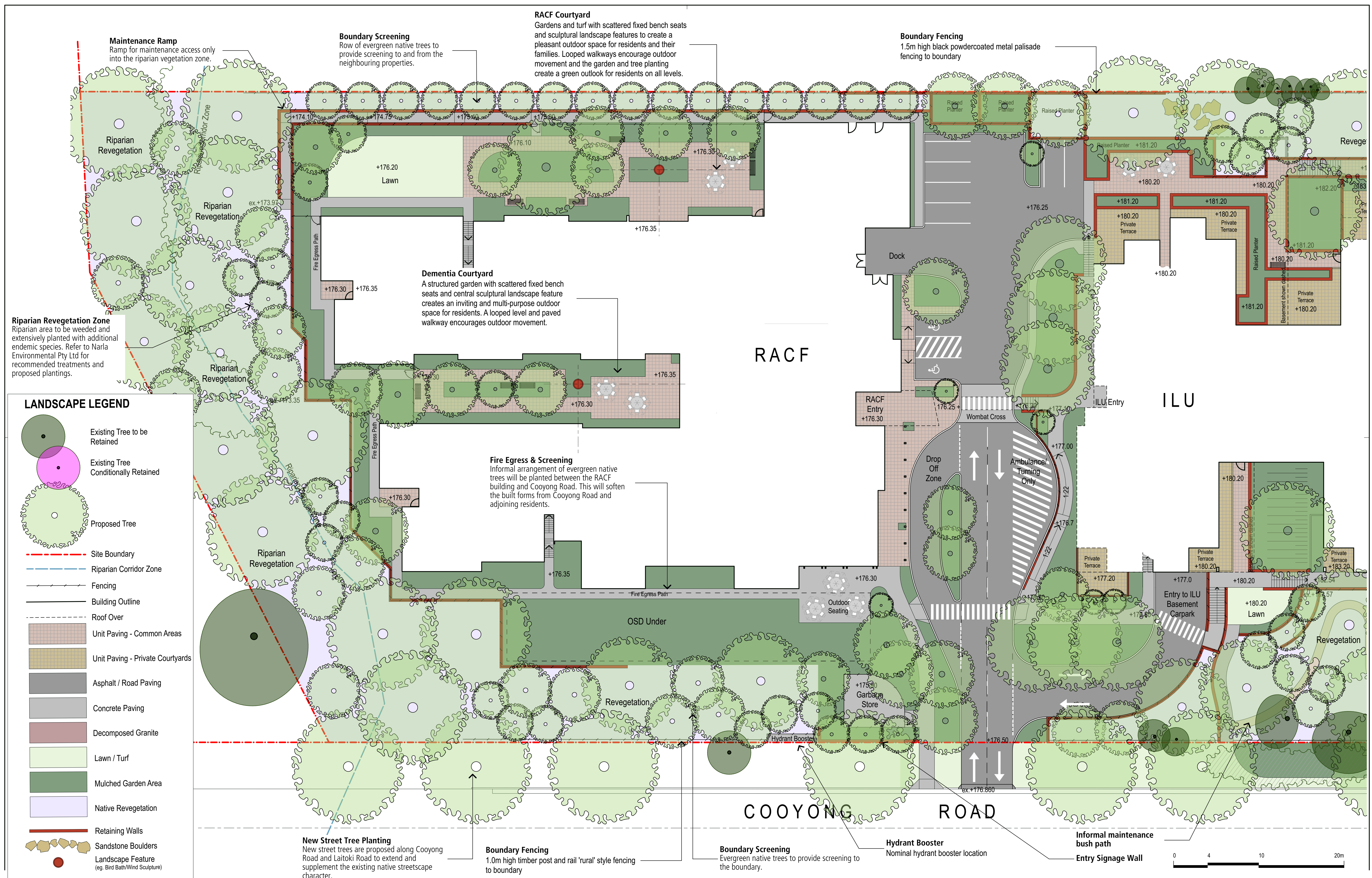
DRAWING NUMBER

L-SD-00

REVISION

C

Plotted at : 3:43 pm 12/4/19



Internal ILU Courtyards

Level courtyards have been provided to form a usable and green outlook for the ILU residents. Paved areas with seating promote social gathering with trees planted within larger at-grade and deep soil zones.

Natural Sandstone Boulders

Any small and informal grade changes are to be dealt with using stacked sandstone boulders to compliment and integrate with the natural landscapes created around the perimeter.

Boundary Fencing

1.5m high black powdercoated metal palisade fencing to boundary

New Street Tree Planting

New street trees are proposed along Cooyong Road and Laitoki Road to extend and supplement the native streetscape character.

Substation

Nominal location for substation

Pedestrian Access

A level pedestrian access link to the boundary provides access for all ILU dwellings and will directly access to Laitoki Road. This access links to the internal accessible spine within the more southern ILU buildings.

LANDSCAPE LEGEND

- Existing Tree to be Retained
- Existing Tree Conditionally Retained
- Proposed Tree
- Site Boundary
- Riparian Corridor Zone
- Fencing
- Building Outline
- Roof Over
- Unit Paving - Common Areas
- Unit Paving - Private Courtyards
- Asphalt / Road Paving
- Concrete Paving
- Decomposed Granite
- Lawn / Turf
- Mulched Garden Area
- Native Revegetation
- Retaining Walls
- Sandstone Boulders
- Landscape Feature (eg. Bird Bath/Wind Sculpture)

Hydrant Booster

Nominal hydrant booster location

Boundary Fencing

1.0m high timber post and rail 'rural' style fencing to boundary

Landscape Spaces

Small open lawns have been positioned intermittently along the southern walkway to add interest and allow a subtle definition and extension of common space. The tiered rock faced retaining walls help to mitigate the level changes across the site and retain the existing established vegetation by reducing the need for battering.

Informal maintenance bush path

Trees Conditionally Retained

Proposed to undertake road widening works which are to be undertaken very sensitively. Only trees close to the new kerb are to be removed. Replacement street trees are to be planted similar to the western end of Cooyong Road. Non-standard verge grading to be adopted to allow retention of trees. 1.2m wide level area to be provided directly behind kerb for pedestrian access.

Boundary Fencing

1.0m high timber post and rail 'rural' style fencing to boundary

Revegetation Zone

The building setback has allowed for dense revegetation and planting of the native ecologically endangered Duffy's Forest species along all sides of the development (predominantly Cooyong Road and Laitoki Road). Most existing endemic trees are retain within the setback. This wide planting also provides a natural screening and separation to the development along the road frontages.



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DRAWING TITLE
Landscape Concept Plan (East)

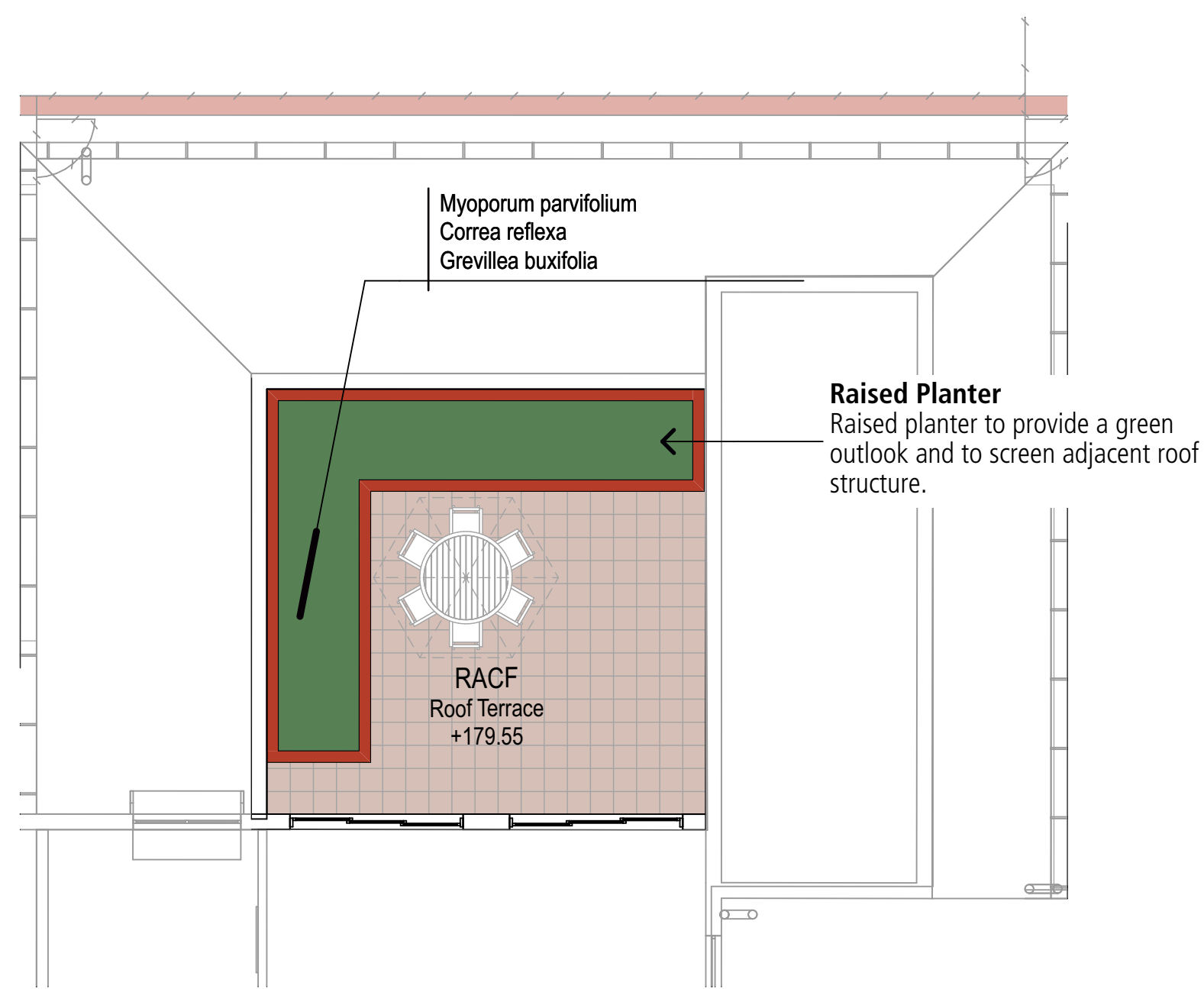


Project No : 18.17
Designed : RWS/CLB
Drawn : RWS/CLB
Scale : 1:200@A1/1:400@A3

DRAWING NUMBER
L-SD-02

REVISION
C

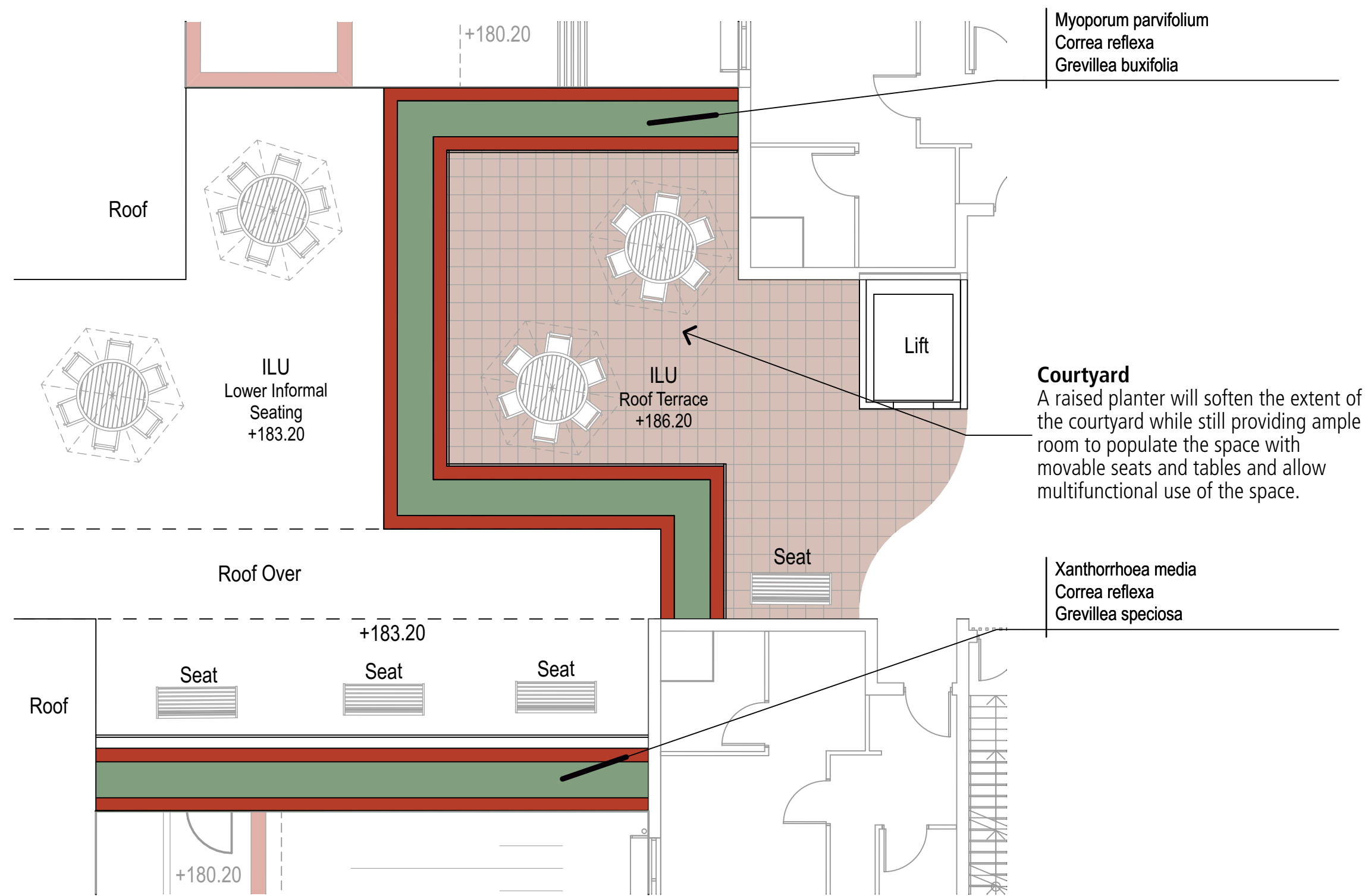
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01

RACF - Roof Terrace

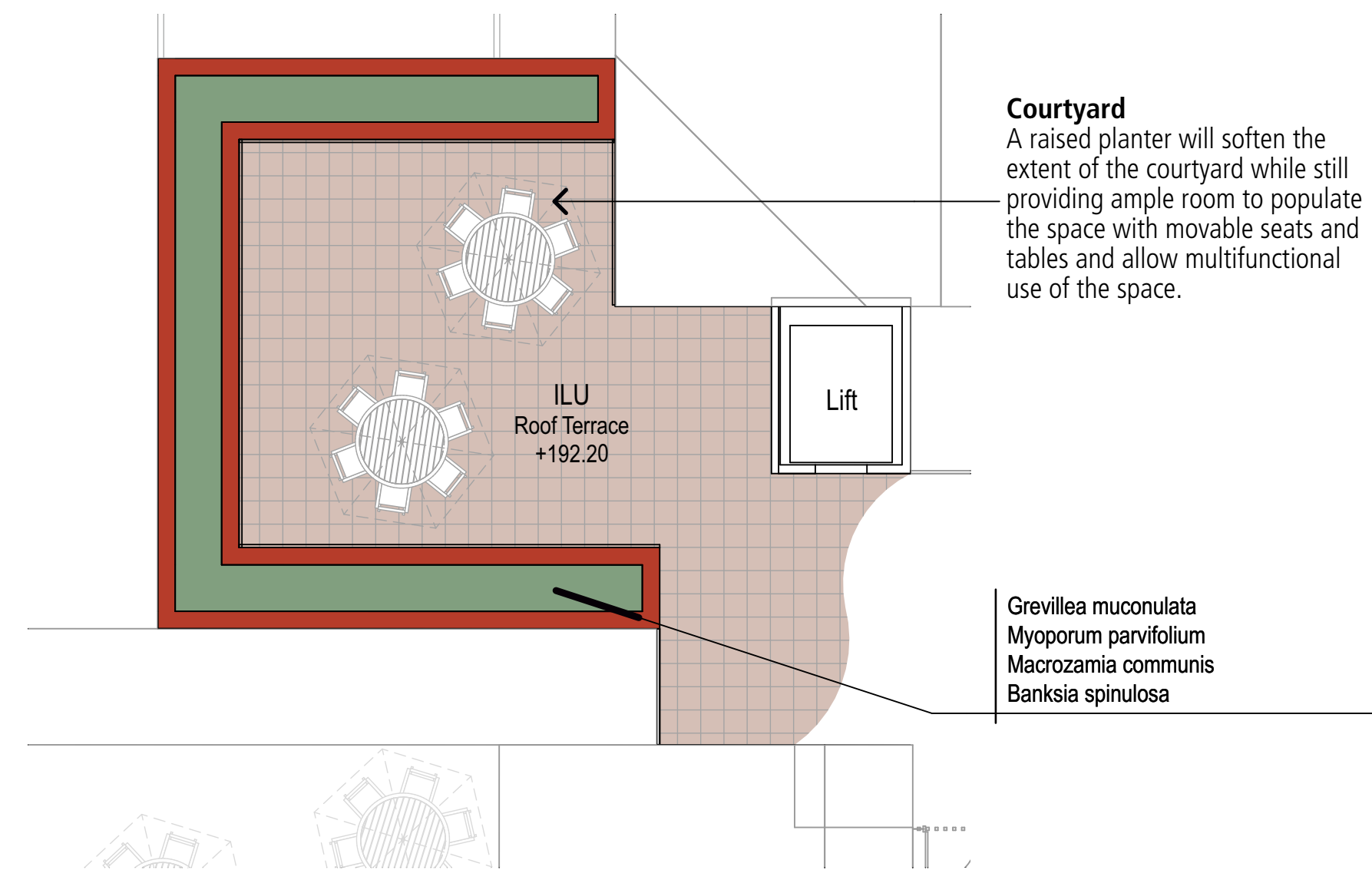
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02

ILU - Roof Terrace 01 - RL 186.20

Scale 1:100 @ A1, 1:200 @ A3

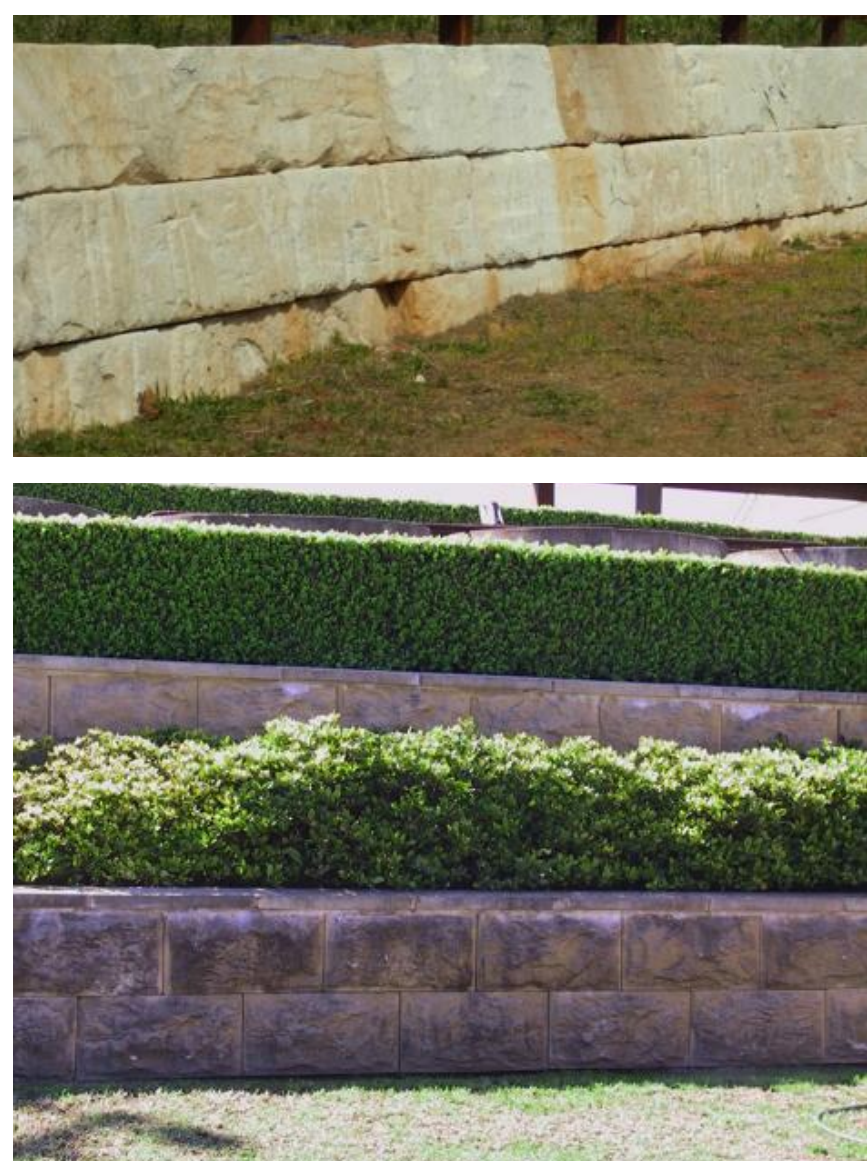


03

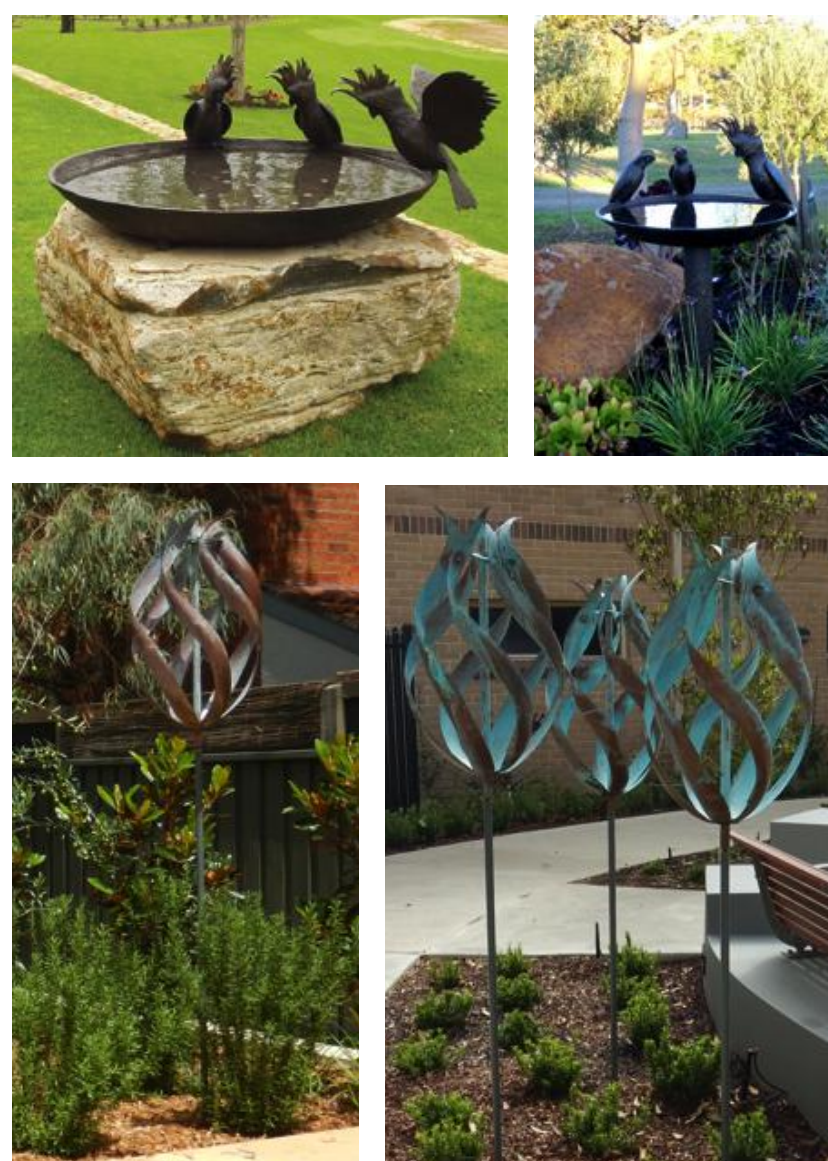
ILU - Roof Terrace 02 - RL 192.20

Scale 1:100 @ A1, 1:200 @ A3

INDICATIVE CHARACTER IMAGERY



Tiered Sandstone Retaining Walls



Bird Baths and Wind Sculptures - Feature elements within the RACF & ILU courtyards



Bench Seats



Trough Planters - For On-Structure Planting, Screening & Accessible Vegetable Gardens



General Character - Native Vegetation



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PROJECT & CLIENT
58 Laitoki Road, Terrey Hills - ILUs and RACF

Tolucy Pty Ltd

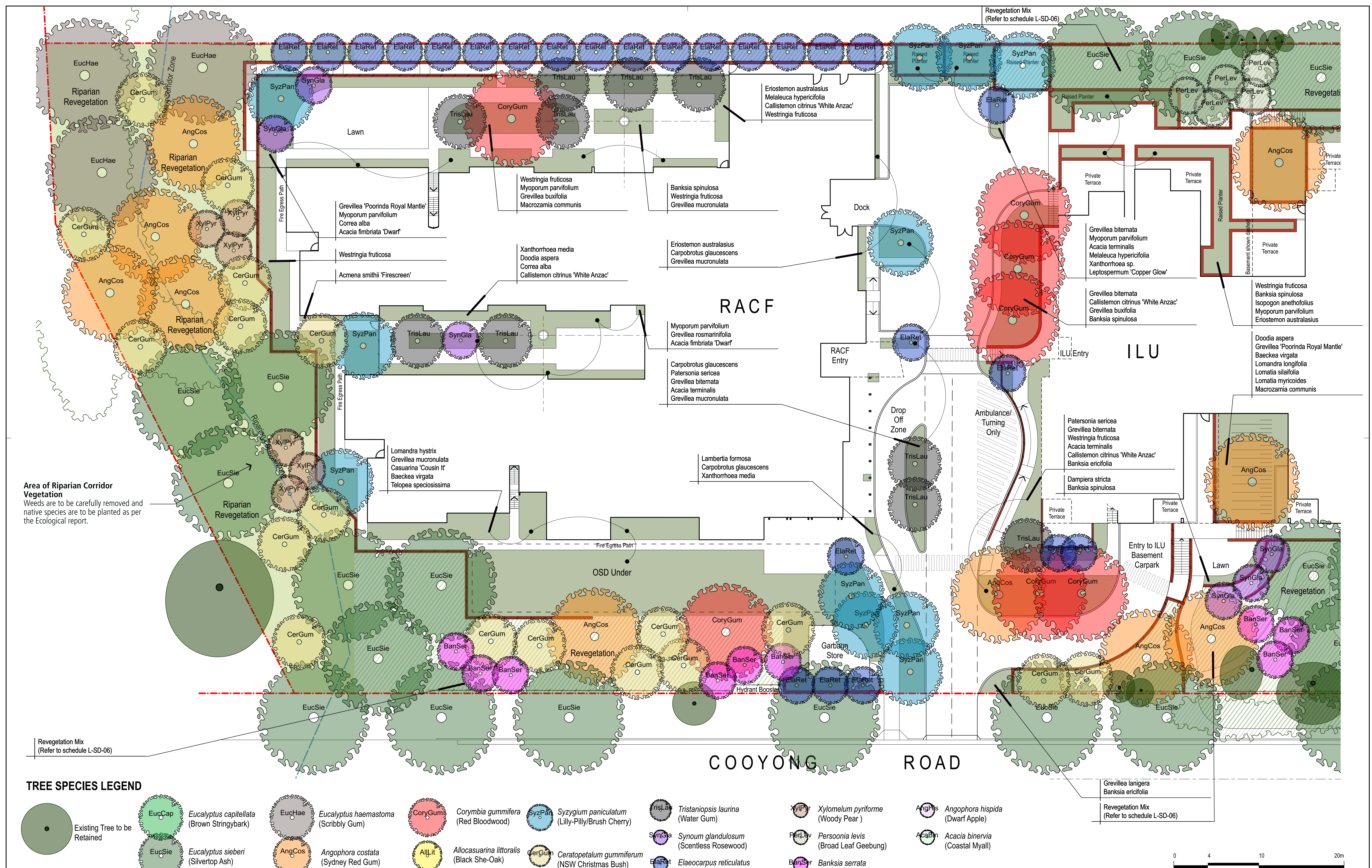
DRAWING NUMBER
Landscape Concept & Planting Plan (Roof)

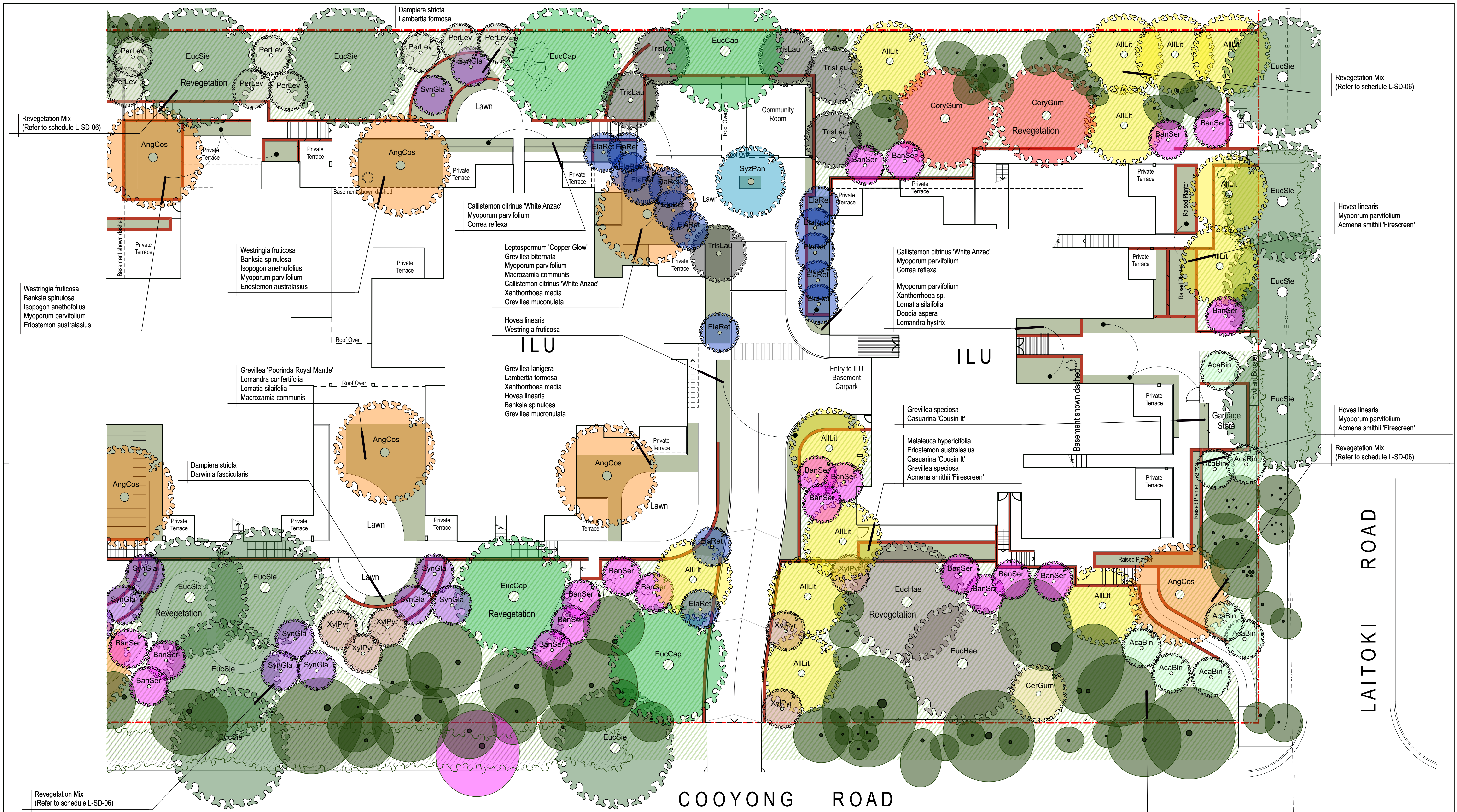
Project No : 18.17
Designed : RWS/CLB
Drawn : RWS/CLB
Scale : As Shown

DRAWING NUMBER
L-SD-03

REVISION
C

Plotted at : 3:44 pm 12/4/19





TREE SPECIES LEGEND

- | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|---|---|---|--|--|--|--|---|---|
| | | <i>Eucalyptus capitellata</i>
(Brown Stringybark) | | <i>Eucalyptus haemastoma</i>
(Scribbly Gum) | | <i>Corymbia gummifera</i>
(Red Bloodwood) | | <i>Syzygium paniculatum</i>
(Lilly-Pilly/Brush Cherry) | | <i>Tristanopsis laurina</i>
(Water Gum) | | <i>Xylomelum pyriforme</i>
(Woody Pear) | | <i>Angophora hispida</i>
(Dwarf Apple) | |
| | <i>Eucalyptus sieberi</i>
(Silvertop Ash) | | <i>Angophora costata</i>
(Sydney Red Gum) | | <i>Allocasuarina littoralis</i>
(Black She-Oak) | | <i>Ceratopetalum gummiferum</i>
(NSW Christmas Bush) | | <i>Elaeocarpus reticulatus</i>
(Blueberry Ash) | | <i>Xylomelum pyriforme</i>
(Woody Pear) | | <i>Persoonia levis</i>
(Broad Leaf Geebung) | | <i>Acacia binervia</i>
(Coastal Myall) |
| | <i>Eucalyptus capitellata</i>
(Brown Stringybark) | | <i>Eucalyptus haemastoma</i>
(Scribbly Gum) | | <i>Corymbia gummifera</i>
(Red Bloodwood) | | <i>Syzygium paniculatum</i>
(Lilly-Pilly/Brush Cherry) | | <i>Tristanopsis laurina</i>
(Water Gum) | | <i>Xylomelum pyriforme</i>
(Woody Pear) | | <i>Angophora hispida</i>
(Dwarf Apple) | | <i>Acacia binervia</i>
(Coastal Myall) |
| | <i>Eucalyptus sieberi</i>
(Silvertop Ash) | | <i>Angophora costata</i>
(Sydney Red Gum) | | <i>Allocasuarina littoralis</i>
(Black She-Oak) | | <i>Ceratopetalum gummiferum</i>
(NSW Christmas Bush) | | <i>Elaeocarpus reticulatus</i>
(Blueberry Ash) | | <i>Xylomelum pyriforme</i>
(Woody Pear) | | <i>Persoonia levis</i>
(Broad Leaf Geebung) | | <i>Acacia binervia</i>
(Coastal Myall) |

Revegetation Mix
(Refer to schedule L-SD-06)



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Landscape Planting Plan (East)

Project No : 18.17
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North Scale : 1:200@A1/1:400@A3

DRAWING NUMBER
L-SD-05

REVISION
C

Printed at : 3:44 pm 12/4/19

INDICATIVE PLANT SCHEDULE

Code	Botanical Name	Common Name	Potential Height Reached	Container Size	Density (per m2)
TREES					
AcaBin	Acacia binervia	Coastal Myall	6-10m	5L	n/a
AllLit	Allocasuarina littoralis	Black She-Oak	8-12m	45L	n/a
AngCos	Angophora costata	Sydney Red Gum	10-18m	200L	n/a
AngHis	Angophora hispida	Dwarf Apple	5-7m	45L	n/a
BanSer	Banksia serrata	Old Man Banksia	5-7m	45L	n/a
CerGum	Ceratopetalum gummiferum	NSW Christmas Bush	5-7m	100L	n/a
CorGum	Corymbia gummifera	Red Bloodwood	15-20m	100L	n/a
ElaEum	Elaeocarpus eumundi	Eumundi Quandong	8-12m	75L	n/a
ElaRet	Elaeocarpus reticulatus	Blueberry Ash	10-15m	45L	n/a
EucCap	Eucalyptus capitellata	Brown Stringybark	10-15m	5L	n/a
EucHae	Eucalyptus haemastoma	Scribbly Gum	12-15m	100L	n/a
EucSie	Eucalyptus sieberi	Silvertop Ash	15-25m	5L	n/a
PerLev	Persoonia levis	Broad Leaf Geebung	5-7m	5L	n/a
SynGla	Synoum glandulosum	Scentless Rosewood	5-7m	45L	n/a
SyzPan	Syzygium paniculatum	Lilly-Pilly/Brush Cherry	8-12m	75L	n/a
TrisLau	Tristaniopsis laurina	Water Gum	5-8m	100L	n/a
XylPyr	Xylomelum pyrifome	Woody Pear	5-7m	5L	n/a
SHRUBS					
	Acacia terminalis	Sunshine Wattle	0.8m	200mm	n/a
	Acacia ulicifolia	Prickly Moses	4-6m	200mm	n/a
	Acacia myrtifolia	Red Stem Wattle	2m	200mm	n/a
	Acmena smithii 'Firescreen'	Dwarf Creek Lilly-Pilly	3-6m	200mm	n/a
	Actinotis helianthi	Flannel Flower	0.5m	150mm	n/a
	Baeckea virgata	Twiggy Heath Myrtle	3m	200mm	n/a
	Banksia ericifolia	Giant Candles	4m	200mm	n/a
	Banksia spinulosa	Hairpin Banksia	3m	200mm	n/a
	Callistemon citrinus 'White Anzac'	White Prostrate Bottlebrush	6-8m	200mm	n/a
	Correa alba	White Correa	2m	200mm	n/a
	Correa reflexa	Correa	0.5m	200mm	n/a
	Darwinia fascicularis	Darwinia	1-2m	200mm	n/a
	Eriostemon australasius	Pink Wax Flower	1-2m	200mm	n/a
	Grevillea mucronulata	Green Spider Flower	0.3-2m	200mm	n/a
	Grevillea speciosa	Red Spider Flower	3.5m	200mm	n/a
	Hovea linearis	Common Hovea	1.2m	200mm	n/a
	Isopogon anethifolius	Drum Sticks	1.2m	200mm	n/a
	Kunzea ambigua	Tick Bush	1.2m	200mm	n/a
	Lambertia formosa	Mountain Devil	2m	200mm	n/a
	Leptospermum 'Copper Glow'	Tea Tree	2-3m	200mm	n/a
	Lomandra hystrix	Green Mat-Rush	1.5m	150mm	2
	Lomatia myricoides	River Lomatia	2-5m	200mm	n/a
	Macrozamia communis	Burrawang	2m	200mm	n/a
	Melaleuca hypericifolia	Red Paperbark	1-1.5m	200mm	n/a
	Telopea speciosissima	Waratah	2-3m	200mm	n/a
	Westringia fruticosa	Coastal Rosemary	0.8m	200mm	n/a
	Xanthorrhoea media	Forest Grass Tree	1-2m	200mm	n/a
GROUNDCOVERS					
	Actinotis minor	Small Flannel Flower	0.3m	150mm	n/a
	Aphanopetalum resinolum	Gum Vine	0.3m	150mm	n/a
	Carpobrotus glaucescens	Pigface	0.3m	150mm	n/a
	Casuarina 'Cousin It'	Prostrate Casuarina	0.3m	150mm	n/a
	Dampiera stricta	Blue Dampiera	0.3m	150mm	n/a
	Dianella caerulea	Flax Lily / Paroo Lily	0.5m	150mm	n/a
	Doodia aspera	Rasp Fern	0.3m	150mm	n/a
	Grevillea bitemata	Cascading White Flowering Grevillea	0.1m	150mm	n/a
	Grevillea lanigera	Prostrate Woolly Grevillea	0.5m	150mm	n/a
	Grevillea 'Poorinda Royal Mantle'	Red Prostrate Grevillea	0.2m	150mm	n/a
	Hardenbergia violacea	False Sarsaparilla	0.2m	150mm	n/a
	Hibbertia scandens	Snake Vine	0.2m	150mm	n/a
	Lomatia silaifolia	Crinkle Bush/Parsley Fern	1-2m	150mm	n/a
	Lomandra confertifolia	Mat Rush	0.2m	150mm	2
	Myoporum parvifolium	Creeping Boobiala	0.5m	150mm	n/a
	Paterosonia sericea	Purple Flag	0.6m	150mm	n/a
REVEGETATION UNDERSTOREY MIX					
	Actinotis minor	Small Flannel Flower	0.3m	150mm	1/m2
	Anisopogon avenaceus	Oat Speargrass	1.2m	150mm	3/m2
	Austrostipa pubescens	Speargrass	1.2m	150mm	3/m2
	Banksia ericifolia	Giant Candles	4m	200mm	0.3/m2
	Banksia spinulosa	Hairpin Banksia	3m	200mm	0.5/m2
	Dampiera stricta	Blue Dampiera	0.3m	150mm	1/m2
	Dianella caerulea	Flax Lily / Paroo Lily	0.5m	150mm	1/m2
	Dodonaea triquetra	Common Hop Bush	3m	200mm	0.5/m2
	Entolasia stricta	Wiry Panic	0.3m	150mm	3/m2
	Grevillea buxifolia	Grey Spider Flower	0.5-2m	200mm	1/m2
	Hakea sericea	Silky Hakea	3.5m	200mm	0.5/m2
	Hakea teretifolia	Dagger Hakea	3.5m	200mm	0.5/m2
	Lambertia formosa	Mountain Devil	2m	200mm	0.5/m2
	Leptospermum trinervium	Paperbark Tea Tree	2.5m	200mm	0.3/m2
	Lomandra longifolia	Spiny-Headed Mat Rush	1.0m	150mm	1/m2

INDICATIVE PLANT IMAGERY

TREES



Acacia binervia
(Coastal Myall)



Allocasuarina littoralis
(Black She-Oak)



Angophora hispida
(Dwarf Apple)



Angophora costata
(Sydney Red Gum)



Banksia serrata
(Old Man Banksia)



Ceratopetalum gummiferum
(NSW Christmas Bush)



Synoum glandulosum
(Scentless Rosewood)



Elaeocarpus reticulatus
(Blueberry Ash)



Eucalyptus haemastoma
(Scribbly Gum)



Persoonia levis
(Broad Leaf Geebung)



Syzygium paniculatum
(Lilly-Pilly/Brush Cherry)



Tristaniopsis laurina
(Water Gum)



Corymbia gummifera
(Red Bloodwood)

SHRUBS



Banksia spinulosa
(Hairpin Banksia)



Macrozamia communis
(Burrawang)



Grevillea speciosa
(Red Spider Flower)



Eriostemon australasius
(Pink Wax Flower)



Correa reflexa
(Correa)



Westringia fruticosa
(Coastal Rosemary)

GRASSES



Dianella caerulea (Flax Lily /
Paroo Lily)



Lomandra confertifolia
(Matt Rush)



Lomandra longifolia (Spiny-
Headed Mat Rush)

GROUNDCOVER



Myoporum parvifolium
(Creeping Boobiala)



Grevillea bitemata
(Prostrate Grevillea)



Carpobrotus glaucescens
(Pigface)

FERN

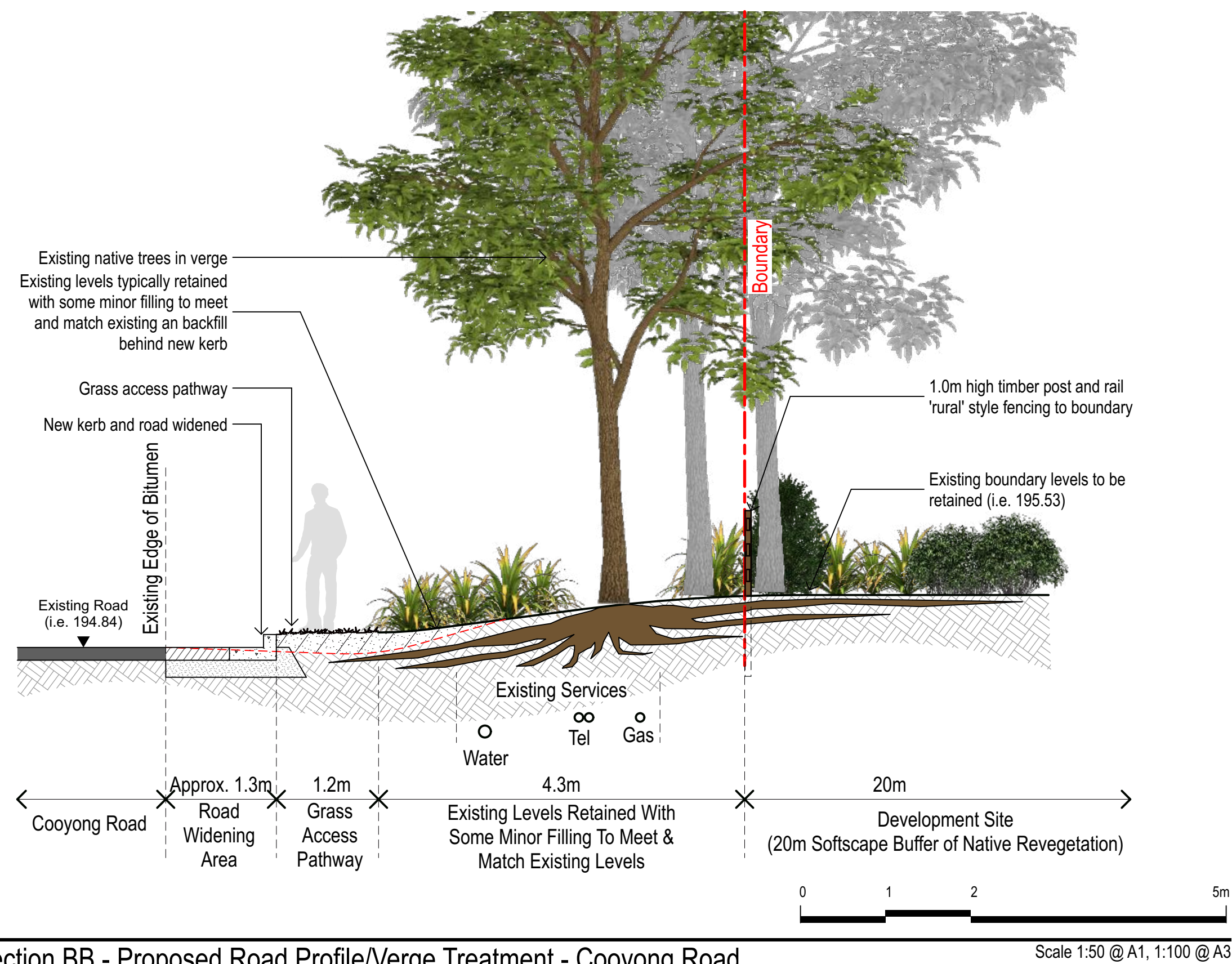
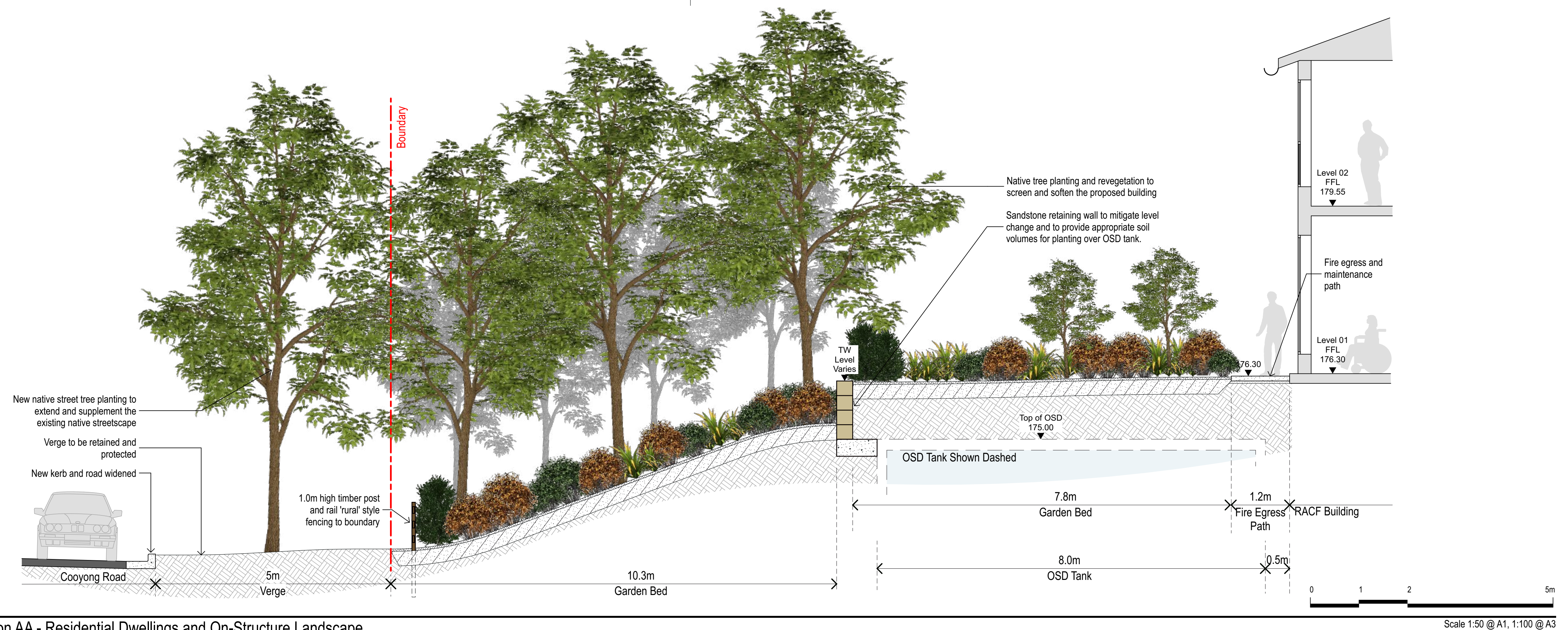


Doodia aspera (Prickly Rasp Fern)

FEATURE



Xanthorrhoea sp. (Grass Tree)



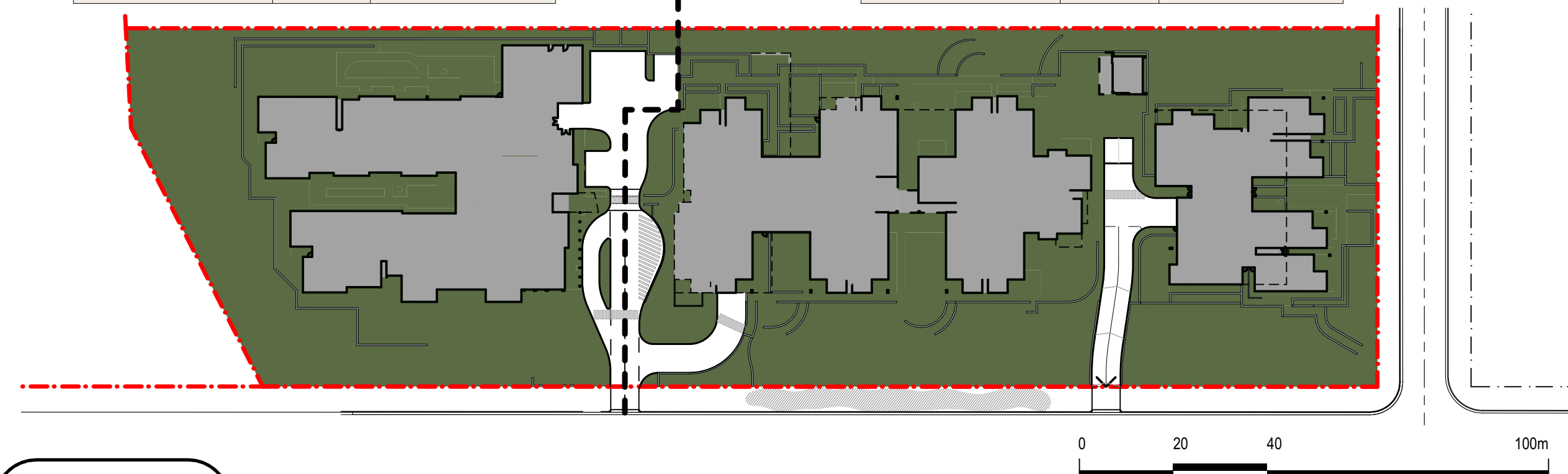
Indicative Perspective Imagery



Detailed eye-level perspective view of Cooyong Road frontage looking west

RACF		
	Area	Percentage of Total Site Area
Building (Grey)	2,440m ²	33%
Landscape (Green)	4,418m ²	59%
Road (White)	620m ²	8%
Total Site Area	7,478m²	100%

ILU		
	Area	Percentage of Total Site Area
Building (Grey)	3,627m ²	30%
Landscape (Green)	7,550m ²	63%
Road (White)	882m ²	7%
Total Site Area	12,059m²	100%



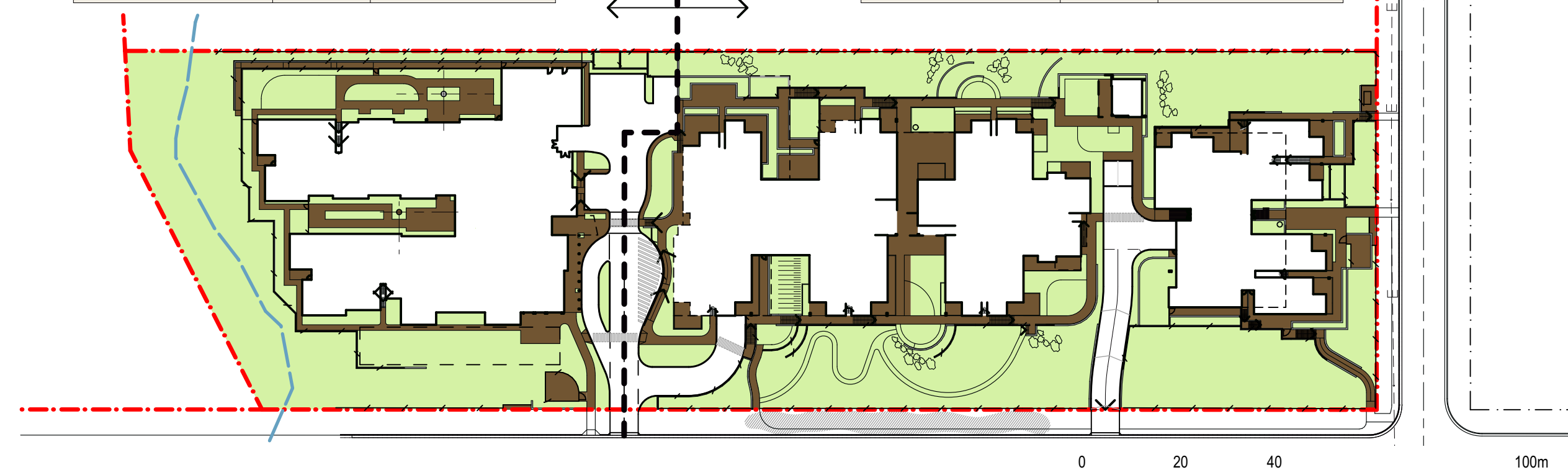
01

Total Site and Landscape Area

Scale 1:1000 @ A1, 1:2000 @ A3

RACF		
	Area	Percentage of Total Site Area
Softscape (Green)	3,427m ²	46%
Hardscape (Brown)	914m ²	12%
Total Site Area	7,478m²	100%

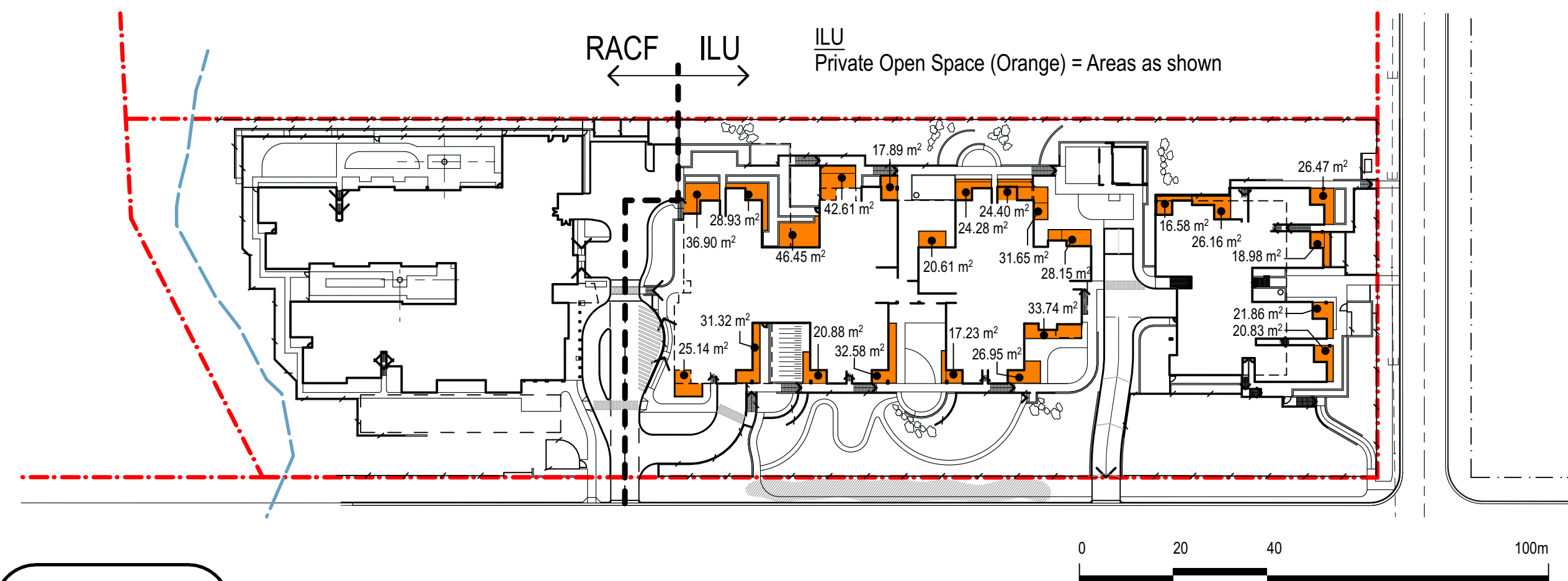
ILU		
	Area	Percentage of Total Site Area
Softscape (Green)	5,269m ²	44%
Hardscape (Brown)	2,004m ²	17%
Total Site Area	12,059m²	100%



03

Softscape and Hardscape

Scale 1:1000 @ A1, 1:2000 @ A3



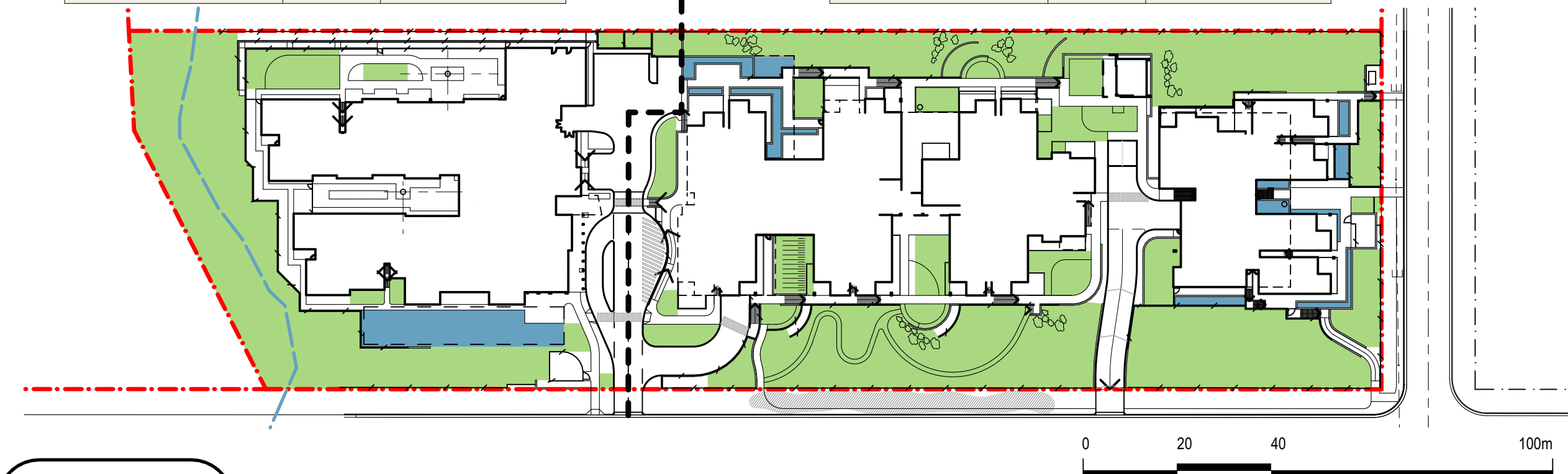
05

Private ILU On-Grade Courtyards

Scale 1:1000 @ A1, 1:2000 @ A3

RACF		
	Area	Percentage of Total Site Area
Deep Soil Zone (Green)	2,328m ²	31%
On-Structure Planted Landscape (Blue)	313m ²	4%
Total Site Area	7,478m²	100%

ILU		
	Area	Percentage of Total Site Area
Deep Soil Zone (Green)	4,666m ²	39%
On-Structure Planted Landscape (Blue)	250m ²	2%
Total Site Area	12,059m²	100%



02

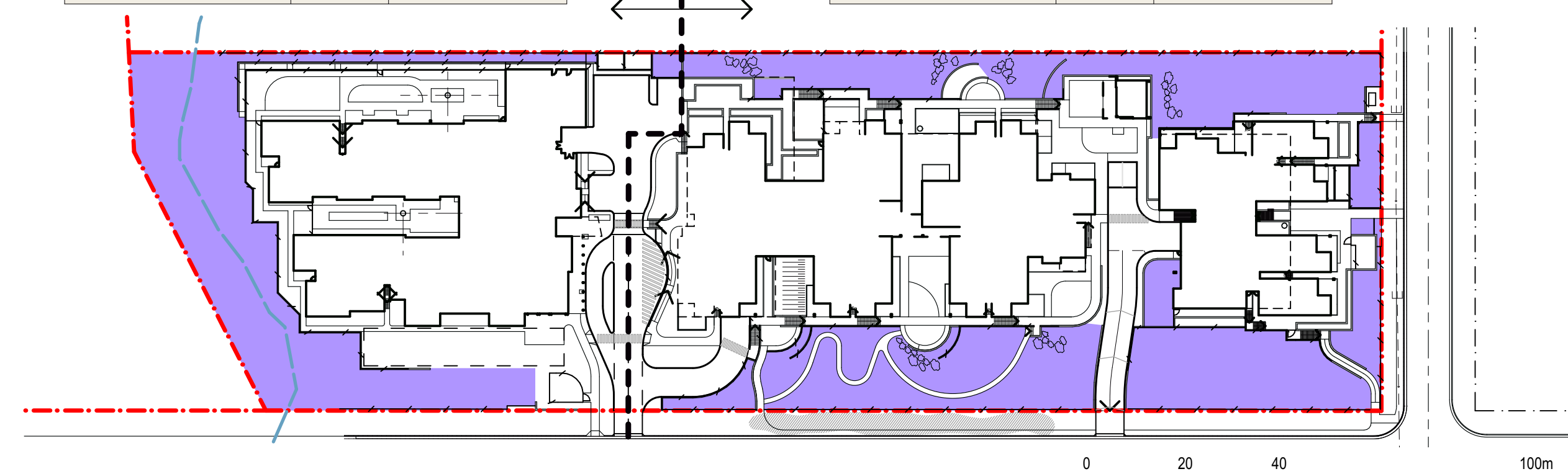
Deep Soil Zone and On-Structure Planted Landscape

Scale 1:1000 @ A1, 1:2000 @ A3

TOTAL SITE		
	Area	Percentage of Total Site Area
Landscape Revegetation (Purple)	5,872m ²	30%
Total Site Area	19,537m²	100%

RACF		
	Area	Percentage of Total Site Area
Landscape Revegetation (Purple)	2,146m ²	29%
Total Site Area	7,478m²	100%

ILU		
	Area	Percentage of Total Site Area
Landscape Revegetation (Purple)	3,726m ²	31%
Total Site Area	12,059m²	100%



04

Revegetation Zones

Scale 1:1000 @ A1, 1:2000 @ A3



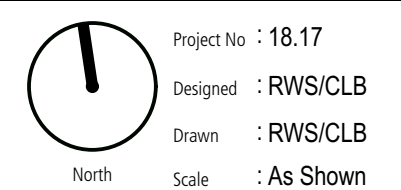
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PROJECT & CLIENT
58 Laitoki Road, Terrey Hills - ILUs and RACF

Tolucy Pty Ltd

DRAWING TITLE
Landscape Area Calculations



DRAWING NUMBER
L-SD-08

REVISION
C

Plotted at: 3:44 pm 12/4/19