

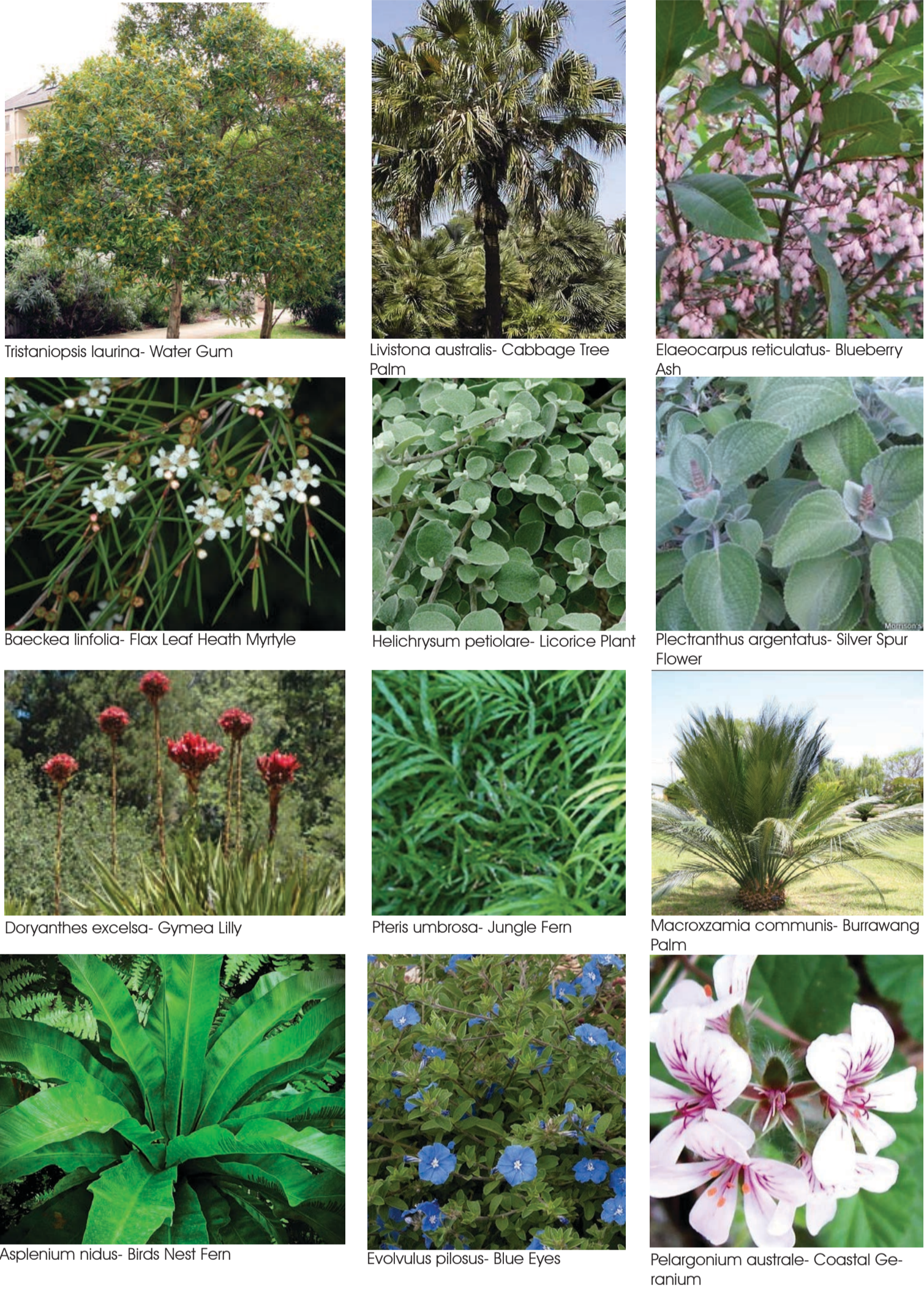
Landscape Package

Contents	Drawing No.	Issue	Date
Coversheet, Imagery & Plant Schedule	CRA01-DA-100	G	22/06/2022
Landscape Plan of subdivision - Overall	CRA01-DA-101	G	22/06/2022
Landscape Plan of subdivision - 1 of 2	CRA01-DA-102	G	22/06/2022
Landscape Plan of subdivision - 2 of 2	CRA01-DA-103	G	22/06/2022

SITE LOCATION MAPS



Native Trees, Shrubs & Grasses



Abbrev	Botanical Name	Common Name	Mature Height (m)	Pot Size	Qty	Comments
Trees						
ANG flo	Angophora floribunda	Rough-Barked Apple	30	45L	6	
BAN int	Banksia integrifolia	Coastal Banksia	8-10	45L	45	
COR fic	Corymbia ficifolia	Red Flowering Gum	6	45L	10	
ELA ret	Elaeocarpus reticulatus	Blueberry Ash	15	45L	12	
EUC robusta	Eucalyptus robusta	Swamp Mahogany	25	45L	2	
LIV aus	Livistona australis	Cabbage Tree Palm	20	45L	8	
SYZ smi	Syzygium smithii	Lilly pilli	8-10	45L	12	
TRI lau	Tristaniopsis laurina	Water Gum	8	400L	4	4m high, 1.8m clear trunk, 60mm trunk caliper
Shrubs						
ALY hue	Alyogyne huegelia 'Monterey Bay'	Blue Hibiscus	2.5	200mm/45L		
BAE lin	Baeckea linifolia	Flax Leaf Heath Myrtle	2	200mm		
COR alb	Correa alba	White Correa	1.5-2	200mm		
ERI myo	Eriostemon myoporoides	Long Leaf Waxflower	1.5-2	200mm		
HEL pet	Helichrysum petiolare	Licorice Plant	0.5	200mm		
MEL sty	Melaleuca styphelioides	Prickly Leafed Paperbark	7-12	200mm		
PIT tob	Pittosporum tobira 'Miss muffet'	Miss Muffet Tobira	1-2	200mm		
PLE arg	Plectranthus argentatus	Silver Spur Flower	1	200mm		
SYZ cas	Syzygium 'Cascade'	Cascade Lilly Pilli	2-3	200mm/45L		
SYZ boo	Syzygium 'Boomer'	Lilly Pilli	1.5	200mm/45L		
WES fru	Westringia 'smokie'	Coast Rosemary	1.5	200mm		
Accent						
DOR exc	Doryanthes excelsa	Gymea Lily	2-4	25L		
MAC com	Macrozamia communis	Burrawang	2-3	25L		
PTE umb	Pteris umbrosa	Jungle Fern	1	5L		
Grasses						
CAR app	Carex appressa	Tall Sedge	0.9	V/cell		
DIA cae	Dianella caerulea 'Breeze'	Blue Flax Lily	0.6-0.7	V/cell		
DIA tas	Dianella tasmanica 'Destiny'	Verigated Flax Lily	0.35	V/cell		
FAC nod	Facelia nodosa	Knobby Club Rush	0.8	V/cell		
JUN usi	Juncus usitatus	Common Rush	0.8	V/cell		
LOM hys	Lomandra hystrix	Fine Mat Rush	0.6	V/cell		
LOM lon	Lomandra longifolia	Mat Rush	1.0	V/cell		
LOM tan	Lomandra tanika	Fine Mat Rush	0.5	V/cell		
Groundcovers						
ASP nid	Asplenium nidus	Bird's Nest Fern	-	140mm		
CER tom	Cerastium tomentosum	Snow In Summer	0.2	140mm		
CHR max	Chrysanthemum maximum	Shasta Daisy	0.9	140mm		
EVO pil	Evolvulus pilosus	Blue Eyes	0.5	140mm		
GRE poo	Grevillea 'Poerinda Royal Mantle'	Creeping Grevillea	-	140mm		
HIB sca	Hibbertia scandens	Golden guinea vine	0.3	140mm		
MYO par	Myoporum parvifolium	Creeping Boobialla	-	V/cell		
PEL aus	Pelargonium australe	Coastal Geranium	-	140mm		
VIO hed	Viola hederacea	Native Violet	-	140mm		

Inner 25 Creekline corridor planting (Swamp Mahogany Forest species)

Abbrev	Botanical Name	Common Name	Mature Height (m)	Pot Size	Qty
Trees					
EUC robusta	Eucalyptus robusta	Swamp Mahogany	25	45L	4
CAS gla	Casuarina glauca	Casuarina	10	45L	5
LIV aus	Livistona australis	Cabbage Tree Palm	20	45L	12
MEL lin	Melaleuca linariifolia	Narrow Leafed Paperbark	8	45L	14
Shrubs (2 PER 5m2 clumps of 3-5)					
ACA lon sub	Acacia longifolia subsp longifolia	Golden Wattle	8	tube stock	2 / 5m2
DOD tri	Dodonaea triquetra	Large-leaf Hop-Bush	3	tube stock	2 / 5m2
HOM pop	Homalanthus populifolius	Bleeding Heart Tree	6	tube stock	2 / 5m2
Ferns, Grasses (3 PER m2) & Groundcovers (5 PER m2)					
COM cya	Commelina cyanea	Native Wandering Jew	0.3	V/cell	6 / m2
GAH cla	Gahnia clarkii	Saw Sedge	2	V/cell	5 / m2
HYD ped	Hydrocotyle peduncularis	Pennywort	0.1	V/cell	5 / m2
HYP mue	Hypolepis muelleri	Ground Fern	1	V/cell	5 / m2
PHR aus	Phragmites australis	Common Reed	6	V/cell	5 / m2
VIO hed	Viola hederacea	Native Violet	-	V/cell	6 / m2

Streetscape Treatment



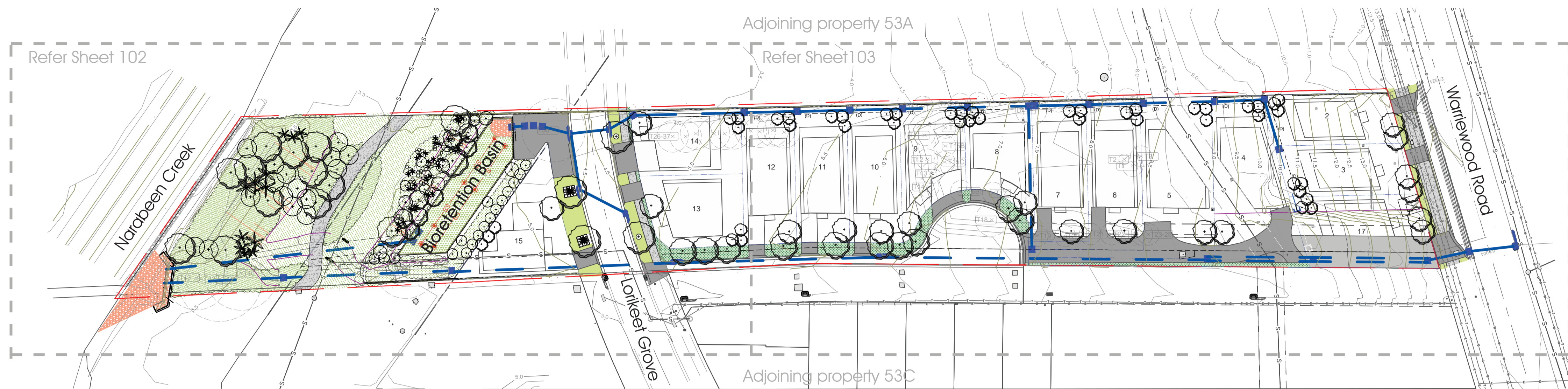
Creekline Corridor Planting



1 Indicative Character Imagery

2 Indicative Almost Native Plant Imagery

3 Indicative Plant Schedule



NOTE: CREEK CORRIDOR INSTALLATION, MAINTENANCE, DEDICATION & TIMING

- Weed mapping & vegetation maintenance plan for creekline corridor to be undertaken prior to construction certificate.
- Rehabilitation works to begin minimum 6 months (excluding June, July, August) prior to dedication.
- Council dedication to coincide with registration of title.

1 Site Plan

- Landscape Area (deep soil)
- Proposed hard surface
- Indicative Building Footprints

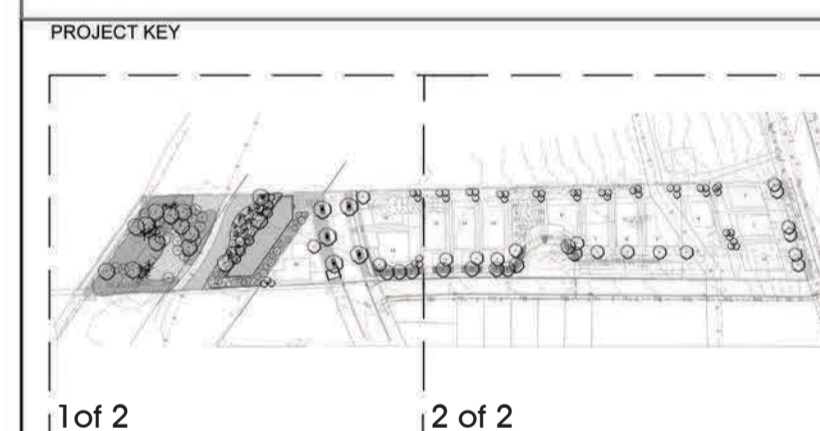
Scale 1:500 @ A1

2 Site Coverage Plan

Lot 2 (235.2m2) Landscape Area: 111 m2 (47%) Lot 3 (235.2m2) Landscape Area: 108 m2 (46%) Lot 4 (487.9m2) Landscape Area: 207 m2 (42%) Lot 5 (443.2m2) Landscape Area: 226 m2 (51%)	Lot 6 (309.7m2) Landscape Area: 109 m2 (35%) Lot 7 (277.8m2) Landscape Area: 106 m2 (38%) Lot 8 (237.1m2) Landscape Area: 95 m2 (40%) Lot 9 (245.3m2) Landscape Area: 97 m2 (40%)	Lot 10 (261.2m2) Landscape Area: 106 m2 (41%) Lot 11 (258.3m2) Landscape Area: 106 m2 (41%) Lot 12 (259.1m2) Landscape Area: 106 m2 (41%) Lot 13 (241m2) Landscape Area: 102 m2 (42%)	Lot 14 (254m2) Landscape Area: 90 m2 (35%) Lot 15 (286m2) Landscape Area: 146 m2 (51%) Lot 17 (335.9m2) Landscape Area: 187 m2 (55%)	Lot 16 (Inner Creek) Landscape Area: 942.3 m2 (100%) Pt.1 (Outer Creek) Landscape Area: 902.8 m2 (93%) Roads & Verges (1010m2) Landscape Area: 344 m2 Total Site Area: 7284m2 Total Landscape Area: 4091m2 (56%)
--	--	--	--	--

Scale 1:500 @ A1

- LEGEND**
- Existing Trees - To be Removed (include grubbing out stumps to 300mm and remediation of soil where applicable)
 - Existing Trees - To be Retained & Protected (as per Tree Protection Zone AS4907)
 - SHRUBS and GROUND COVERS
 - PROPOSED LIVISTONA AUSTRALIS
 - PROPOSED TREES with 1m diameter mulch ring unless specified
 - PROPERTY BOUNDARY
 - LOT BOUNDARY
 - CONCRETE FOOTPATH (REFER ENGINEER)
 - DECOMPOSED (DECO) GRANITE
 - BIORETENTION BASIN PLANTING
 - STREETSIDE PLANTING
 - GROUNDCOVERS AND SHRUBS
 - LAWN (BUFFALO)
 - SWAMP MAHOGANY REVEGETATION AREA (SMR1) Grasses & groundcover only.
 - SWAMP MAHOGANY REVEGETATION AREA (SMR2) Shrubs, ferns, grasses & groundcover.
 - GARDEN EDGE
 - STORMWATER DRAINAGE



22/06/22	G	COUNCIL APPROVAL - DA	AD
20/06/22	F	COUNCIL APPROVAL - DA	AD
17/06/22	E	COUNCIL APPROVAL - DA	AD
26/06/19	D	COUNCIL APPROVAL - DA	AD
25/06/19	C	COUNCIL APPROVAL - DA	AD
05/03/19	B1	COUNCIL APPROVAL - DA	AD
DATE	ISSUE	AMENDMENT	BY

PROJECT

53B & 53 WARRIEWOOD RD,
WARRIEWOOD, NSW

CLIENT

RISE PROJECTS

LANDSCAPE ARCHITECT

sym. studio

Phone: 01 2 8411 2734
Studio 1, Po. Box 53
Mona Vale, NSW Australia
www.symstudio.com

DRAWING TITLE

LANDSCAPE PLAN (Sub Division)

APPROVED FOR RELEASE		
AILA #1420		
DATE	DRAWN	CHECKED
22/06/22	AD	CG
PROJECT No.	DRAWING No.	ISSUE
CRA01	CRA01 DA-101	G

COPYRIGHT OF DESIGN SHOWN HERE IS RETAINED AND AUTHORITY FOR ANY REPRODUCTION, IF IN DOUBT ASK. FOLLOW WRITTEN DIMENSIONS ONLY. DO NOT SCALE OFF DRAWINGS. DO NOT KEEP SUPERSEDED DRAWINGS ON SITE.

sym. studio has been commissioned to prepare a concept landscape plan for a residential subdivision at 53B Warriewood Road, Warriewood. This property is a part of the Warriewood Valley, situated west of Mona Vale Beach on the Northern Beaches of Sydney.

Warriewood Valley is transforming into a dynamic urban environment with new residential communities, parks, playgrounds, walkways, cycleways and creekline restoration. The existing landscape character is dominated by degraded pastureland grasses, bordered to the south by Narabeen Creek riparian corridor and an evolving residential streetscape to the north (Warriewood Road).

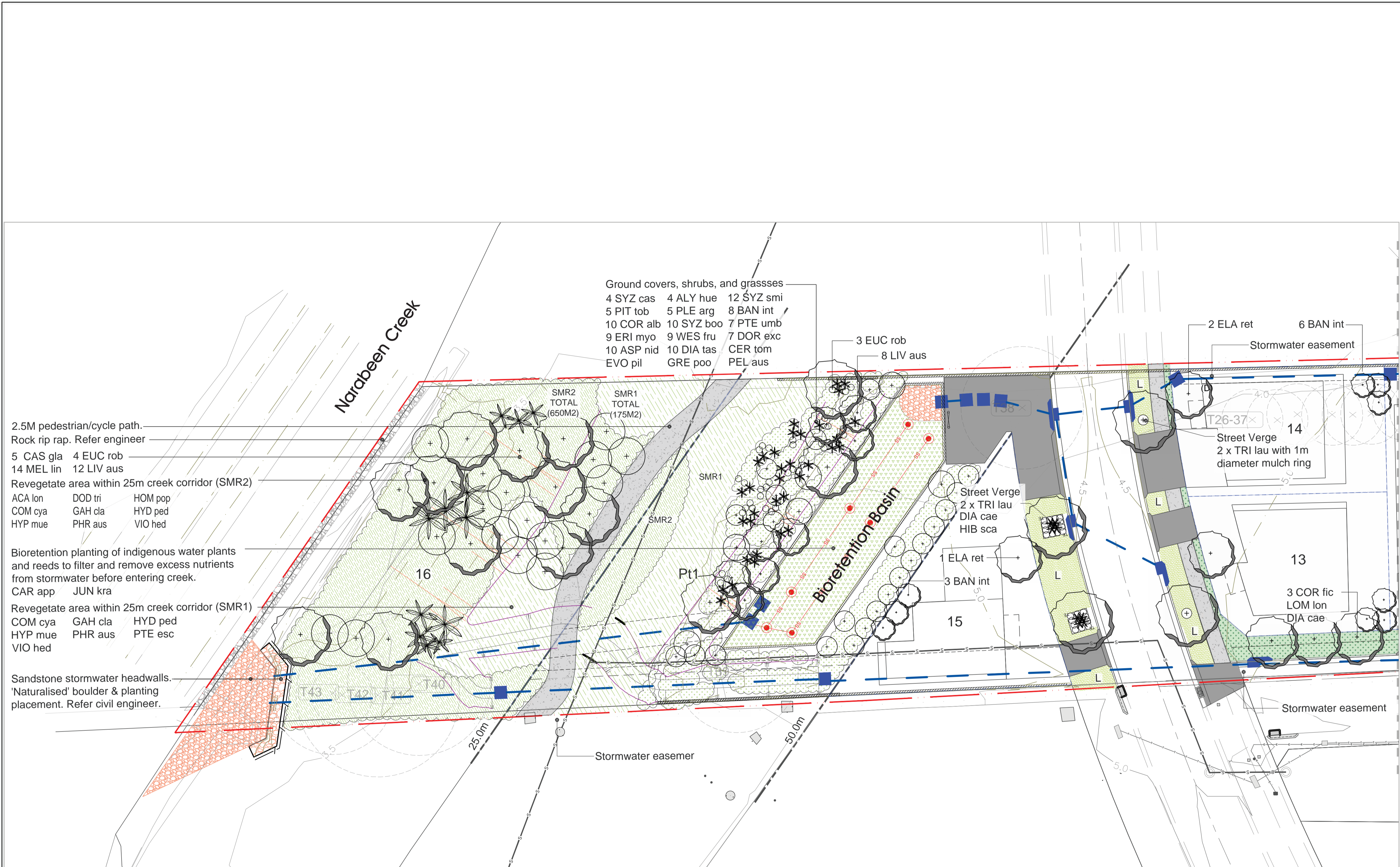
Significant canopy trees include Angophora, Corymbia, Eucalyptus, Livistonia & Casuarinas with a midstory of Pittosporum, Acmena & Banksia. Understory and ground covers include Lomandra & Dianella sp. The gently sloping topography provides opportunity to emphasise the influence of Narrabeen Creek and its historical function of enriching alluvial soils and the supply of fresh water for irrigation of productive agricultural lands. The landscape design a/ prioritises the rehabilitation of the inner 25.0M creek corridor and responds to the Warriewood Valley Masterplan outer 25.0M creek corridor which includes a 2.5M public access path/cycleway as well the integration of a bio-retention basin into the passive recreation usage of these areas along the riparian corridor.

The streetscape includes Lorikeet Drive and Warriewood Road. In keeping with the Warriewood Valley Masterplan street trees have been determined by neighbouring developments and therefore a continuation of these species and large pot sizes serve to provide instant impact at time of installation. Interallotment trees include 1 x medium sized tree (Elaeocarpus reticulatus) located in the front yard and 3x small trees in the back (banksia integrifolia) clumped together. Warriewood Road Frontages have 2x large canopy trees (Angophora floribunda) as per DCP requirements. Fauna friendly boundary fencing will facilitate small mammal movement through the community.

The landscape strategy looks to restore local habitat and revegetate with endemic species whenever possible. Landscape planting has been kept to predominantly native, with many endemic species which are adaptable and dependable in meeting the demands of a residential community.

The landscape design reinforces the local character achieved by retaining and enhancing a proportion of native vegetation and implementing a design approach that is sympathetic to the existing site character for the benefit of existing wildlife and new residents.

3 Statement of Environmental Effects



LEGEND

- Existing Trees - To be Removed (include grubbing out stumps to 300mm and remediation of soil where applicable)
- Existing Trees - To be Retained & Protected (as per Tree Protection Zone AS4907)
- SHRUBS and GROUND COVERS
- PROPOSED LIVISTONA AUSTRALIS
- PROPOSED TREES with 1m diameter mulch ring unless specified
- PROPERTY BOUNDARY
- LOT BOUNDARY
- CONCRETE FOOTPATH (REFER ENGINEER)
- DECOMPOSED (DECO) GRANITE
- BIORETENTION BASIN PLANTING
- STREETSIDE PLANTING
- GROUNDCOVERS AND SHRUBS
- LAWN (BUFFALO)
- SMR1 SWAMP MAHOGANY REVEGETATION AREA (SMR1) Grasses & groundcover only.
- SMR2 SWAMP MAHOGANY REVEGETATION AREA (SMR2) Shrubs, ferns, grasses & groundcover.
- GARDEN EDGE
- STORMWATER DRAINAGE

JOINS SHEET 103

PROJECT KEY

1 of 2 2 of 2

22/06/22	G	COUNCIL APPROVAL - DA	AD
20/06/22	F	COUNCIL APPROVAL - DA	AD
17/06/22	E	COUNCIL APPROVAL - DA	AD
26/06/19	D	COUNCIL APPROVAL - DA	AD
25/06/19	C	COUNCIL APPROVAL - DA	AD
05/03/19	PT	COUNCIL APPROVAL - DA	AD
DATE	ISSUE	AMENDMENT	BY

PROJECT 53B & 53 WARRIEWOOD RD, WARRIEWOOD, NSW

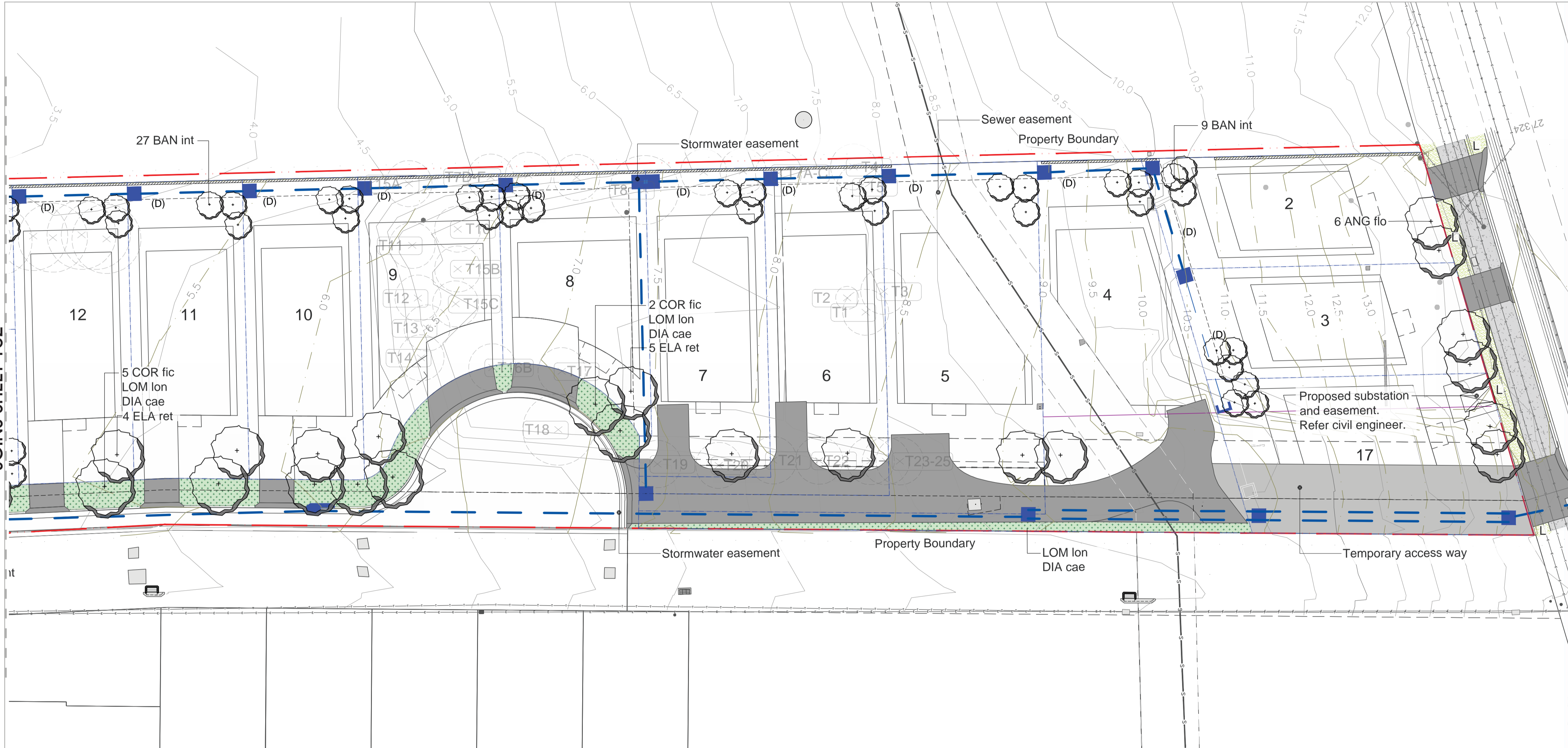
CLIENT RISE PROJECTS

LANDSCAPE ARCHITECT
gym studio
Phone: 61 2 9411 2734
Studio 1, Po. Box 53
Mona Vale, NSW Australia
www.gymstudio.com

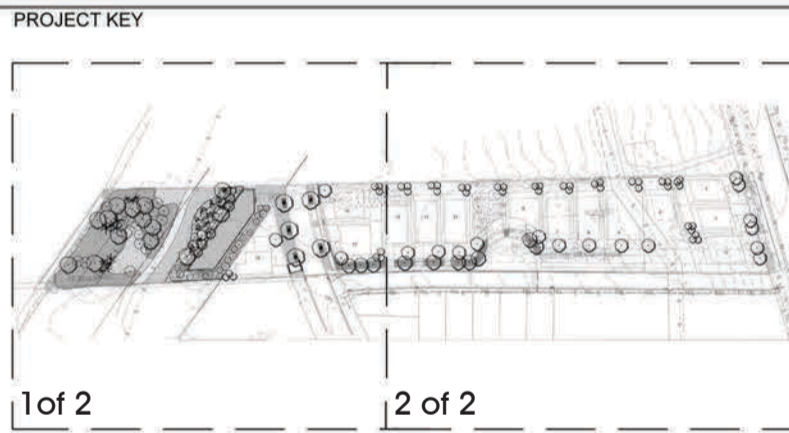
DRAWING TITLE		
LANDSCAPE PLAN (Sub Division)		
APPROVED FOR RELEASE		
AILA #1420		
DATE	DRAWN	CHECKED
22/06/22	AD	CG
PROJECT No.	DRAWING No.	ISSUE
CRA01	CRA01 DA-102	G

COPYRIGHT OF DESIGN SHOWN HERE IS RETAINED AND AUTHORITY FOR ANY REPRODUCTION, IF IN DOUBT ASK, FOLLOW WRITTEN DIMENSIONS ONLY. DO NOT SCALE OFF DRAWINGS. DO NOT KEEP SUPERSEDED DRAWINGS ON SITE.

General Note:
Services shown as diagrammatic. Adjust final location onsite during installation.



- LEGEND
- Existing Trees - To be Removed (include grubbing out stumps to 300mm and remediation of soil where applicable)
 - Existing Trees - To be Retained & Protected (as per Tree Protection Zone AS4907)
 - SHRUBS and GROUND COVERS
 - PROPOSED LIVISTONA AUSTRALIS
 - PROPOSED TREES with 1m diameter mulch ring unless specified
 - PROPERTY BOUNDARY
 - LOT BOUNDARY
 - CONCRETE FOOTPATH (REFER ENGINEER)
 - DECOMPOSED (DECO) GRANITE
 - BIORETENTION BASIN PLANTING
 - STREETSIDE PLANTING
 - GROUNDCOVERS AND SHRUBS
 - LAWN (BUFFALO)
 - SMR1 SWAMP MAHOGANY REVEGETATION AREA (SMR1) Grasses & groundcover only.
 - SMR2 SWAMP MAHOGANY REVEGETATION AREA (SMR2) Shrubs, ferns, grasses & groundcover.
 - GARDEN EDGE
 - STORMWATER DRAINAGE



22/06/22	G	COUNCIL APPROVAL - DA	AD
20/06/22	F	COUNCIL APPROVAL - DA	AD
17/06/22	E	COUNCIL APPROVAL - DA	AD
26/06/19	D	COUNCIL APPROVAL - DA	AD
25/06/19	C	COUNCIL APPROVAL - DA	AD
05/03/19	B1	COUNCIL APPROVAL - DA	AD
DATE	ISSUE	AMENDMENT	BY

PROJECT 53B & 53 WARRIEWOOD RD, WARRIEWOOD, NSW

CLIENT RISE PROJECTS

LANDSCAPE ARCHITECT
sym. studio
Phone: 61 2 9411 2734
Studio 1, Po. Box 53
Mona Vale, NSW Australia
www.symstudio.com

DRAWING TITLE LANDSCAPE PLAN (Sub Division)

APPROVED FOR RELEASE
AILA #1420

DATE	DRAWN	CHECKED
22/06/22	AD	CG

PROJECT No.	DRAWING No.	ISSUE
CRA01	CRA01 DA-103	G

COPYRIGHT OF DESIGN SHOWN HERE IS RETAINED AND AUTHORITY FOR ANY REPRODUCTION, IF IN DOUBT ASK, FOLLOW WRITTEN DIMENSIONS ONLY. DO NOT SCALE OFF DRAWINGS. DO NOT KEEP SUPERSEDED DRAWINGS ON SITE.

General Note:

Services shown as diagrammatic. Adjust final location onsite during installation.