

PROPOSED INDUSTRIAL ESTATE

1 GRAND AVE, CAMELLIA NSW 2142

LANDSCAPE CONCEPT PLAN

04.11.2024

ISSUE H

DA RE-SUBMISSION

CLIENT:



DRAWING LIST:

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L-14	Typical Specification + Maintenance Notes
L-15	Remedial Action Plan (RAP) Section
L-16	Typical Landscape Details

ENGINEER:



PLANNER:



LANDSCAPE ARCHITECT:



HABIT8

Landscape Architecture & Urbanism

SYDNEY (Gadigal country) **BYRON BAY** (Bundjalung country)
MELBOURNE (Wurundjeri country) **SE QUEENSLAND** (Yugambeh country)

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ARCHITECT:



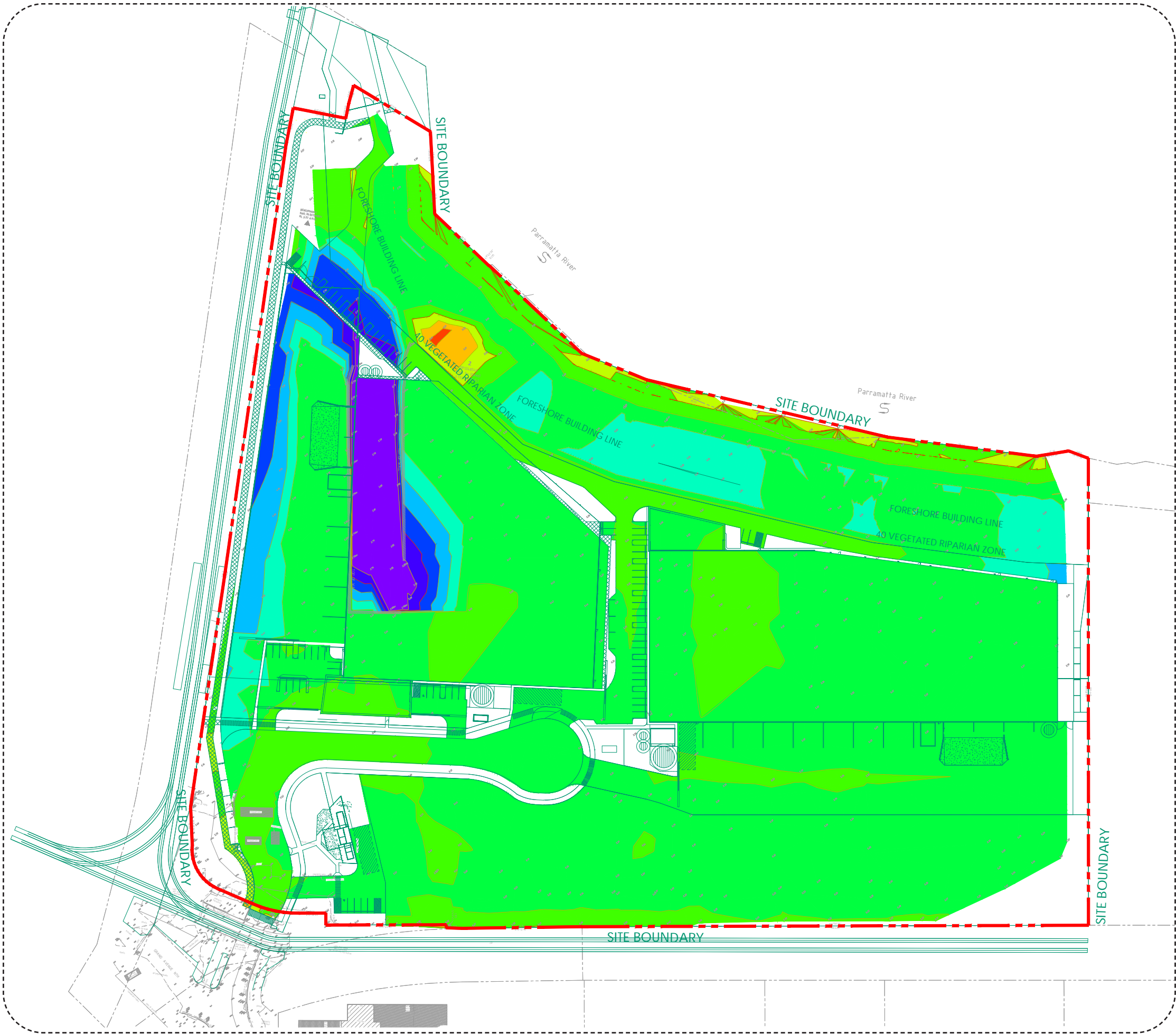


KEY

- ENTRY LANDSCAPE FEATURE**
(1200mm MIN. SOIL DEPTH)
 - LARGE FEATURE TREE
 - MOUNDS OF PLANTING IN TURF
 - FEATURE WALLS (CORTEN + CONCRETE)
 - LIGHTING
- CARPARK AND OFFICE PLANTING**
(1200mm MIN. SOIL DEPTH)
 - CANOPY SHADE TREES
 - PERMEABLE PAVING (AS REQUIRED)
 - PLANTER BOXES + WALLS TO MAKE UP MIN 1M SOIL DEPTH
- BUFFER AND STREETSCAPE**
(1200mm MIN. SOIL DEPTH)
 - EMBELLISH SETBACK BOUNDARY PLANTING AND RETAIN CANOPY TREES WHERE POSSIBLE
 - SCREEN SHRUB PLANTING
- FORESHORE PLANTING**
(1200mm MIN. SOIL DEPTH)
 - RE-VEGETATION WITH RIPARIAN SPECIES
 - ACCESS TO PUBLIC BOARDWALK
 - PASSIVE RECREATION OPPORTUNITIES FOR EMPLOYEES AND VISITORS
- COMMUNAL ZONE**
(1200mm MIN. SOIL DEPTH)
 - FORE-COURT PLANTING
 - STAFF RECREATION AREAS WITH FURNITURE AND SHADE
 - CAFE / KIOSK
- HYDRO-SEED GRASS** (300mm MIN. SOIL DEPTH)
(FUTURE DEVELOPMENT AREA)
- PLANTER BOX / RETAINING WALLS**
(MIN. 1200mm DEPTH SOIL)

NOTE:
REFER TO L-12-13 FOR PLANT SCHEDULES

EARTHWORKS DEPTH RANGE PLAN



KEY

WORK EXTENT

EXISTING SURVEY FEATURES

15.5

EXISTING CONTOURS

ARCHITECTURAL

Surface Analysis: Elevation Ranges					
Number	Color	Minimum Elevation (m)	Maximum Elevation (m)	2D Area (m ²)	Volume (m ³)
1		-2.000	-1.500	0.0	0.0
2		-1.500	-1.000	22.9	0.7
3		-1.000	-0.500	216.9	64.3
4		-0.500	0.000	834.8	188.6
5		0.000	0.500	10264.5	22779.1
6		0.500	1.000	30494.6	10473.2
7		1.000	1.500	4273.1	2842.4
8		1.500	2.000	1512.0	1941.3
9		2.000	2.500	1236.9	1243.4
10		2.500	3.000	429.3	813.2
11		3.000	3.500	1466.3	335.4

TOTAL CUT

TOTAL FILL

TOTAL BALANCE

253.80 cu.m

47183.19 cu.m

46929.39 cu.m

- NOTES:
- 1. NO BOXING ALLOWANCE FOR PAVEMENT TYPES.
 - 2. NO BOXING ALLOWANCE FOR LANDSCAPING.
 - 3. LANDSCAPING TO BE GRADED TO MATCH INTO EXISTING LEVEL ALONG BOUNDARY TOWARDS PARRAMATTA RIVER.
 - 4. NO ALLOWANCE FOR STRIPPING

LANDSCAPE CONCEPT MASTERPLAN
















CONTEXT PLAN


DESIGN NOTES

1. ENTRY LANDSCAPE FEATURE
 - FEATURE WALLS (CORTEN + CONCRETE)
 - HOOP PINE TREES IN GRASS
 - LARGE FIG TREES
2. PERMEABLE PAVING TO FIRE TRUCK SWEEP PATH AREA
3. CARPARK
4. ENDEMIC PARRAMATTA RIVER LANDSCAPE
5. CAFE / KIOSKS, PANTRY STORAGE AND AMENITIES
6. NEW LANDSCAPED HERITAGE PRECINCT TO FUTURE DESIGN
7. EXISTING RAILWAY UNDERPASS
8. EXISTING MANGROVE ZONE PROTECTED
9. SWING GATE ACCESS FOR FIRE TRUCKS ONLY
10. LINK TO FUTURE PUBLIC DOMAIN FORESHORE CONTINUATION
11. PROPOSED NEW ROAD
12. CAMELLIA LIGHT RAIL STATION
13. STORMWATER CHANNEL
14. SANDSTONE LOG WALL EDGE
15. EXISTING SEAWALL RETAINED
16. CANOPY TREES ON MOUND (MIN. 1m DEPTH)

KEY

- | | | | |
|---|---|---|---|
|  | SITE BOUNDARY |  | TURF
REFER TO PLANT
SCHEDULE |
|  | FORESHORE BUILDING
LINE |  | PAVED SURFACE |
|  | SECURITY FENCE
TO ARCHITECT'S
DETAILS |  | CONCRETE SURFACE |
|  | PUBLIC ART ON
SEAWALL |  | GRAVEL FIRE TRAIL |
|  | 500mm HT.
SANDSTONE LOG
RETAINING WALL |  | PERMEABLE PAVING |
|  | CANOPY TREES
REFER TO PLANTING
PLANS + SCHEDULE |  | EXISTING TREES
TO BE REMOVED
REFER TO ARBORIST REPORT |
|  | PLANTING BEDS
REFER TO PLANT
SCHEDULE | | |



PROJECT	DRAWING TITLE	PROJECT NO.	PURPOSE	SCALE	REVISION	DATE	DRAWN	CHECKED	PAGE	CLIENT
PROPOSED INDUSTRIAL ESTATE	LANDSCAPE CONCEPT	H8-23040	DA RE-SUBMISSION	1:1500 @A3	H	04.11.2024	KM/DG/DF	DV	L06	

0 5 10 20 50 75m

SCALE 1:1500 AT A3



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LANDSCAPE PLAN: ENTRY AND CAFE



CONTEXT PLAN

DESIGN NOTES

1. BANDS OF PLANTING
2. FEATURE WALLS (CORTEN + CONCRETE)
3. FEATURE LARGE FIG TREE
4. FOOT PATH (PERMEABLE)
5. CAR ENTRY / EXIT
6. TRUCK ENTRY / EXIT
7. PYLON SIGNAGE
8. HOOP PINE TREES IN GRASS
9. ON-STREET PARALLEL PARKING BAYS
10. CAR PARK SPACES (5 SPACES)
11. CAFE / KIOSKS, PANTRY STORAGE AND AMENITIES
 - GRAVEL FORECOURT AND PLANTING AREAS
 - PLANTING ON TROUGHS
12. STORMWATER CHANNEL
13. PLANTING MOUNDS

KEY

- SITE BOUNDARY
- FORESHORE BUILDING LINE
- SECURITY FENCE TO ARCHITECT'S DETAILS
- CANOPY TREES
REFER TO PLANTING PLANS + SCHEDULE
- EXISTING TREES TO BE REMOVED
REFER TO ARBORIST REPORT
- PLANTING BEDS
REFER TO SCHEDULE
- TURF
REFER TO PLANT SCHEDULE
- PAVED SURFACE
- CONCRETE SURFACE

LANDSCAPE PLAN: RIPARIAN ZONE



CONTEXT PLAN

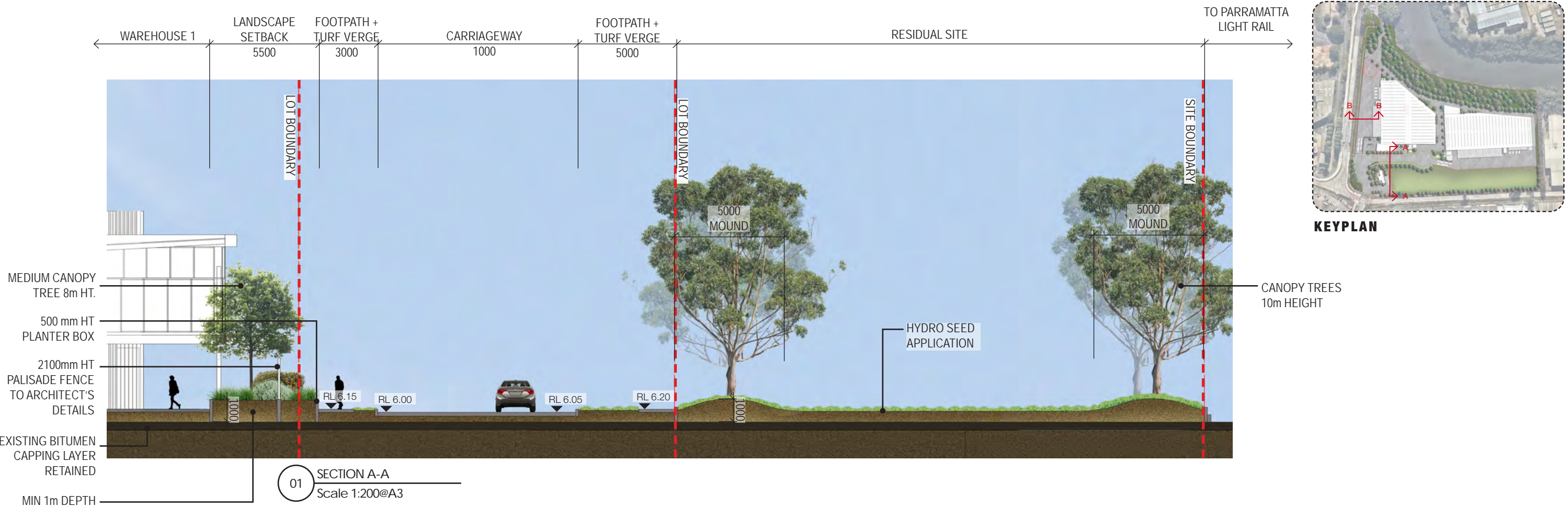
DESIGN NOTES

- 1. EXISTING SEA WALL RETAINED
- 2. RIPARIAN PLANTING AREA
- 3. SANDSTONE LOG WALL EDGE
- 4. CAR PARK

KEY

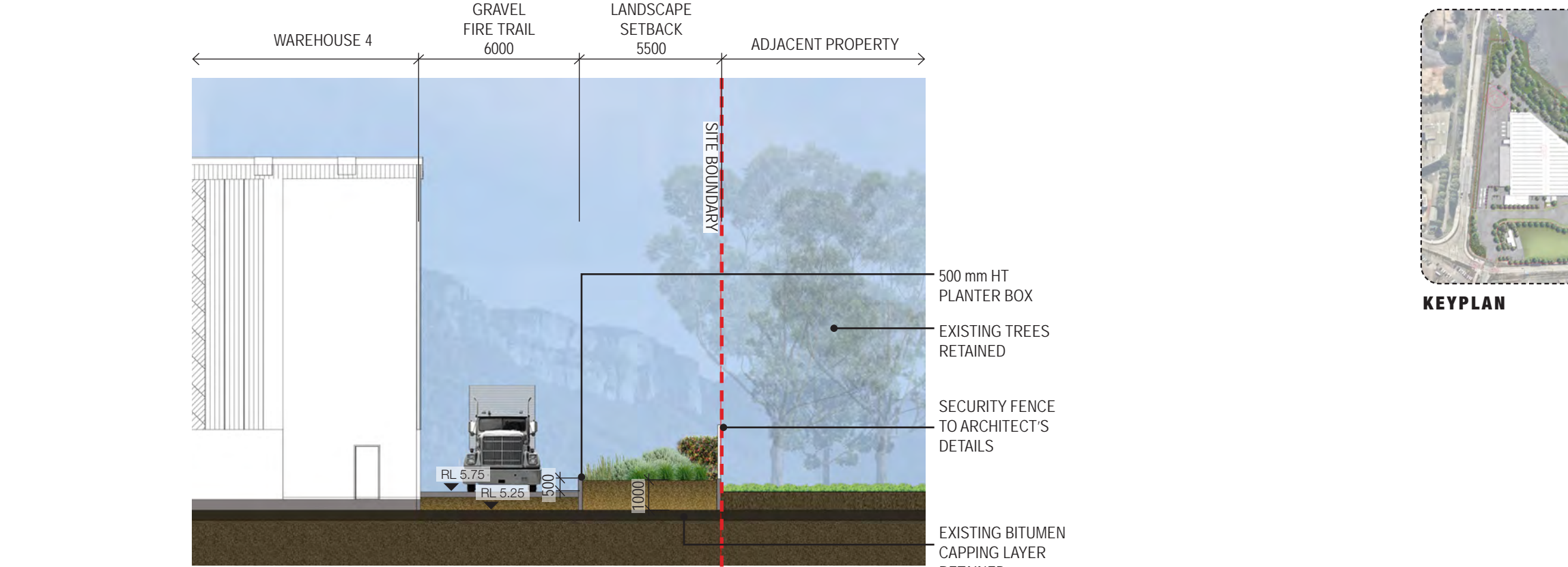
- SITE BOUNDARY
- PUBLIC ART ON SEA WALL
- SECURITY FENCE TO ARCHITECT'S DETAILS
- FORESHORE BUILDING LINE
- CANOPY TREES REFER TO PLANTING PLANS + SCHEDULE
- PLANTING BEDS REFER TO SCHEDULE
- TURF REFER TO PLANT SCHEDULE
- PAVED SURFACE
- CONCRETE SURFACE

LANDSCAPE SECTIONS 01

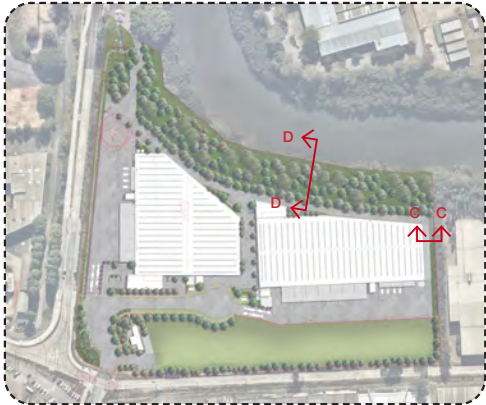


NOTE:
REFER TO L-04 FOR EARTHWORKS
DEPTH RANGE PLAN

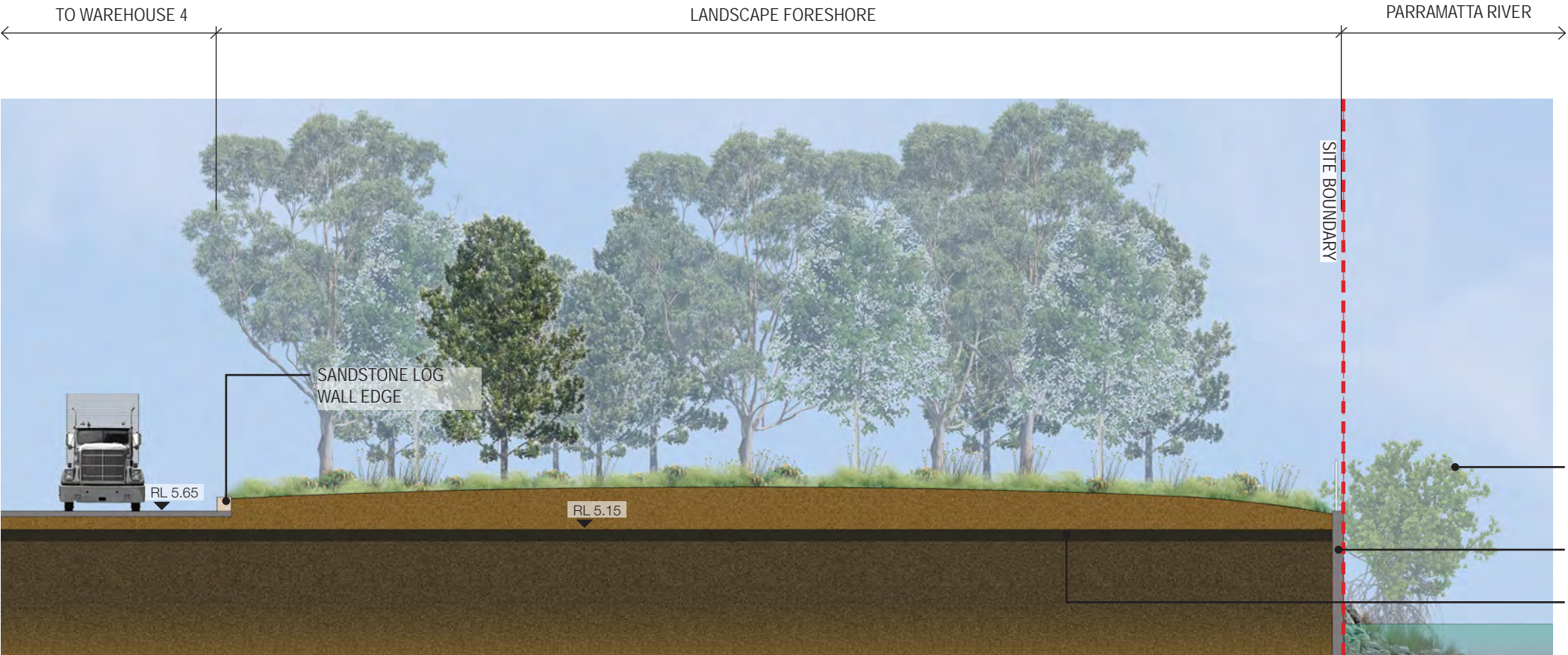
LANDSCAPE SECTIONS 02



01 SECTION C-C
Scale 1:200@A3



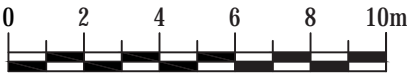
KEYPLAN



02 SECTION D-D
Scale 1:200@A3

NOTE:
REFER TO L-04 FOR EARTHWORKS
DEPTH RANGE PLAN

PROJECT	DRAWING TITLE	PROJECT NO.	PURPOSE	SCALE	REVISION	DATE	DRAWN	CHECKED	PAGE	CLIENT
PROPOSED INDUSTRIAL ESTATE 1 GRAND AVE CAMPELLIA NSW 2142	LANDSCAPE SECTIONS 02	H8-23040	DA RE-SUBMISSION	1:200 @A3	H	04.11.2024	KM/DG/DF	DV	L 11	Billbergia creating communities®



SCALE 1:200 AT A3



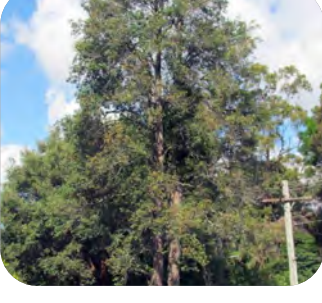
PROPOSED PLANT SCHEDULES 01

BOTANICAL NAME	COMMON NAME
TREES (100L)	
Acacia binervia	Coast Myall
Acacia floribunda	White Sallow Wattle
Acacia parramattensis	Parramatta Wattle
Acmena smithii	Lillypilly
Acmena smithii 'Minor'	Dwarf Lillypilly
Agonis flexuosa	Willow Myrtle
Alphitonia excelsa	Red Ash
Angophora costata	Smooth barked Apple
Angophora floribunda	Rough Barked Apple
Backhousia myrtifolia	Grey Myrtle
Banksia integrifolia	Coast Banksia
Brachychiton acerifolius	Illawarra Flame Tree
Callistemon citrinus	Bottlebrush
Callistemon salignus	Willow Bottlebrush
Callistemon viminalis	Red Bottlebrush
Casuarina cunninghamiana	She-Oak
Casuarina glauca	Swamp Oak
Corymbia citriodora	Lemon-Scented Gum
Corymbia maculata	Spotted Gum
Cupaniopsis anacardioides	Tuckeroo
Eucalyptus amplifolia	Cabbage Gum
Eucalyptus botryoides	Bangalay
Elaeocarpus reticulatus	Blueberry Ash
Eucalyptus crebra	Narrow-leaved Ironbark
Eucalyptus eugenoides	Thin-leaved Stringybark
Eucalyptus globoidea	White Stringybark
Eucalyptus longifolia	Woollybutt
Eucalyptus moluccana	Grey Box
Eucalyptus ovata	Swamp Gum
Eucalyptus paniculata	Grey Ironbark
Eucalyptus pilularis	Blackbutt
Eucalyptus punctata	Grey Gum
Eucalyptus resinifera	Red Mahogany
Eucalyptus robusta	Swamp Mahogany

BOTANICAL NAME	COMMON NAME
TREES (100L)	
Eucalyptus saligna	Sydney Blue Gum
Eucalyptus sideroxylon	Red-flowering Ironbark
Eucalyptus sideroxylon "Rosea"	Pink-flowering Ironbark
Eucalyptus tereticornis	Forest Red Gum
Eucalyptus viminalis	Ribbon Gum
Ficus macrophylla	Moreton Bay Fig
Ficus rubiginosa	Port Jackson Fig
Flindersia australis	Australian Teak
Glochidion ferdinandi	Cheese Tree
Syncarpia glomulifera	Turpentine
Tristaniopsis laurina	Water Gum
Waterhousia floribunda 'Green Avenue'	Weeping Lily Pilly

NOTE:

Riparian zone species



PROPOSED PLANT SCHEDULES 02

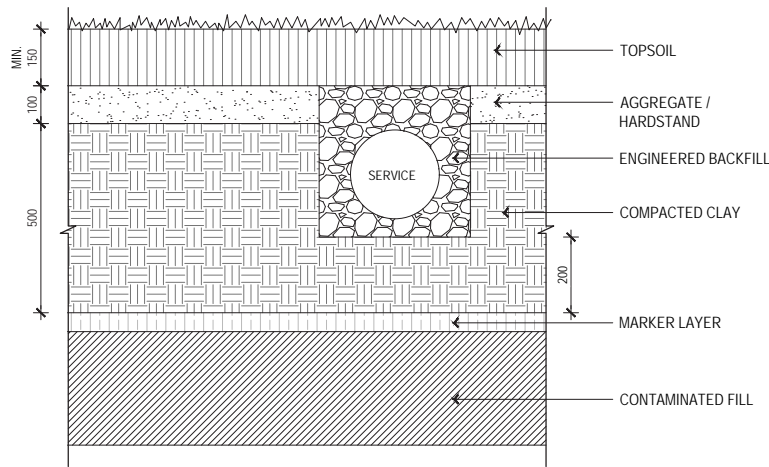
BOTANICAL NAME	COMMON NAME
SHRUBS, GROUNDCOVERS + GRASSES	
<i>Banksia spinulosa</i>	Hairpin Banksia
<i>Callistemon citrinus</i>	Crimson Bottlebrush
<i>Correa reflexa</i>	
<i>Grevillea juniperina</i>	
<i>Kunzea ambigua</i>	Tick Bush
<i>Dillwynia tenuifolia</i>	
<i>Ceratopetalum gummiiferum</i>	NSW Christmas Bush
<i>Dianella caerulea</i>	Blue Flax Lily
<i>Dianella revoluta</i>	Mauve Flax Lily
<i>Juncus usitatus</i>	Common Rush
<i>Lomandra longifolia</i>	Spiny Mat Rush
<i>Themeda australis</i>	Kangaroo Grass
<i>Brachycome angustifolia</i>	
<i>Centella asiatica</i>	
<i>Clematis aristata</i>	Old Man's Beard
<i>Dichondra repens</i>	Kidney Weed
<i>Hardenbergia violacea</i>	False Sarsaparilla
<i>Kennedia rubicunda</i>	Dusky Coral Pea
<i>Pandorea pandorana</i>	Wonga Wonga Vine
<i>Viola hederacea</i>	Native Violet
<i>Bursaria spinosa</i>	Blackthorn
<i>Leptospermum polygalifolium</i>	Lemon Scented Tea Tree
<i>Cymbopogon refractus</i>	Barbed Wire Grass
<i>Gahnia aspera</i>	Sword Sedge
<i>Lomandra multiflora</i>	
<i>Pratia purpurascens</i>	Pratia
<i>Dianella longifolia</i>	
<i>Clerodendrum tomentosum</i>	Hairy Clerodendrum
<i>Ozothamnus diosmifolius</i>	Everlasting
<i>Persoonia linearis</i>	Narrow Leaved Geebung



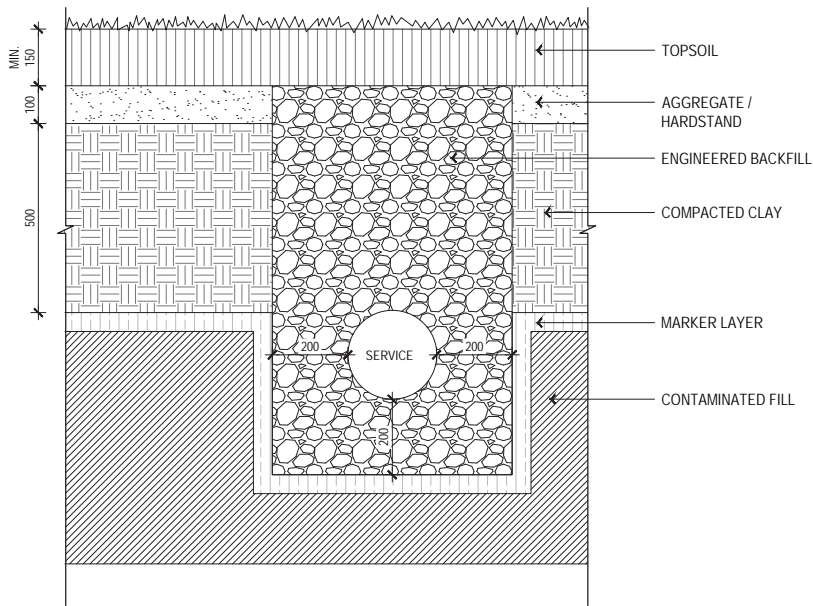
NOTE:

 Riparian zone species

REMEDIAL ACTION PLAN (RAP) SECTION

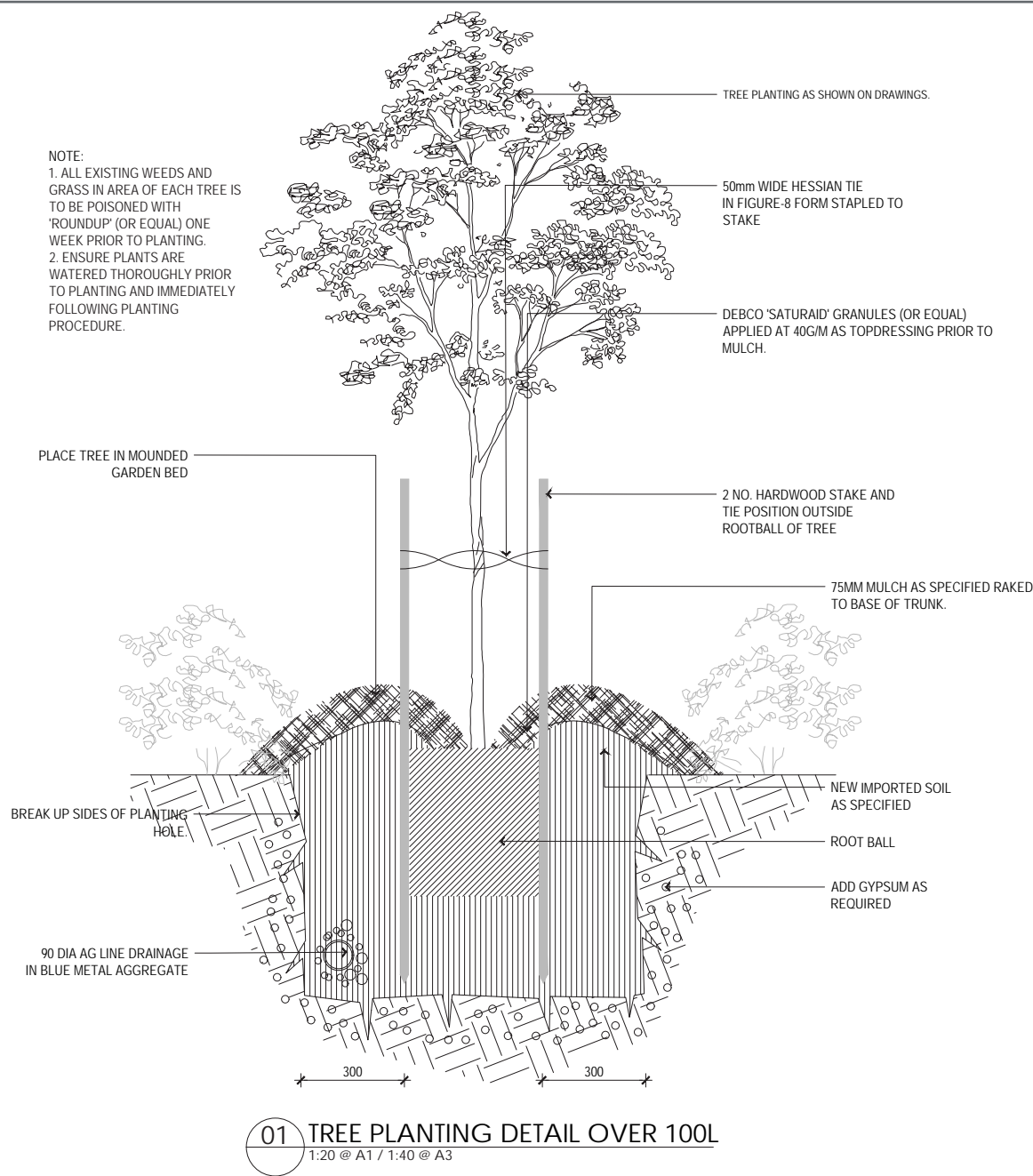


01 SHALLOW UNDERGROUND SERVICES
1:10 @ A1 / 1:20 @ A3

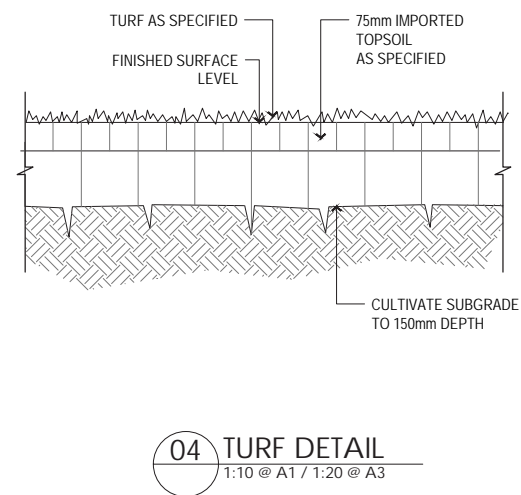
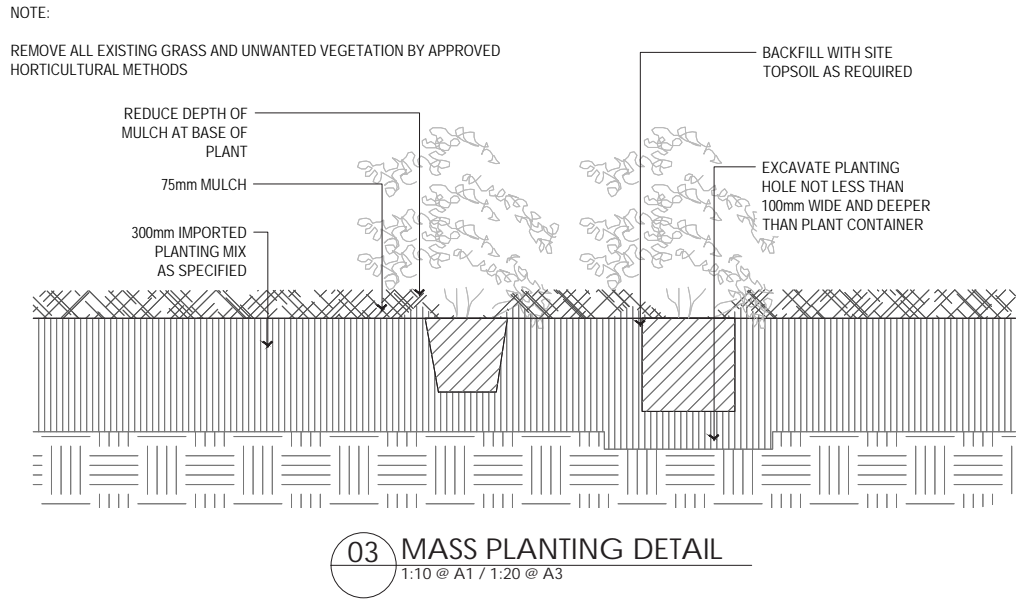
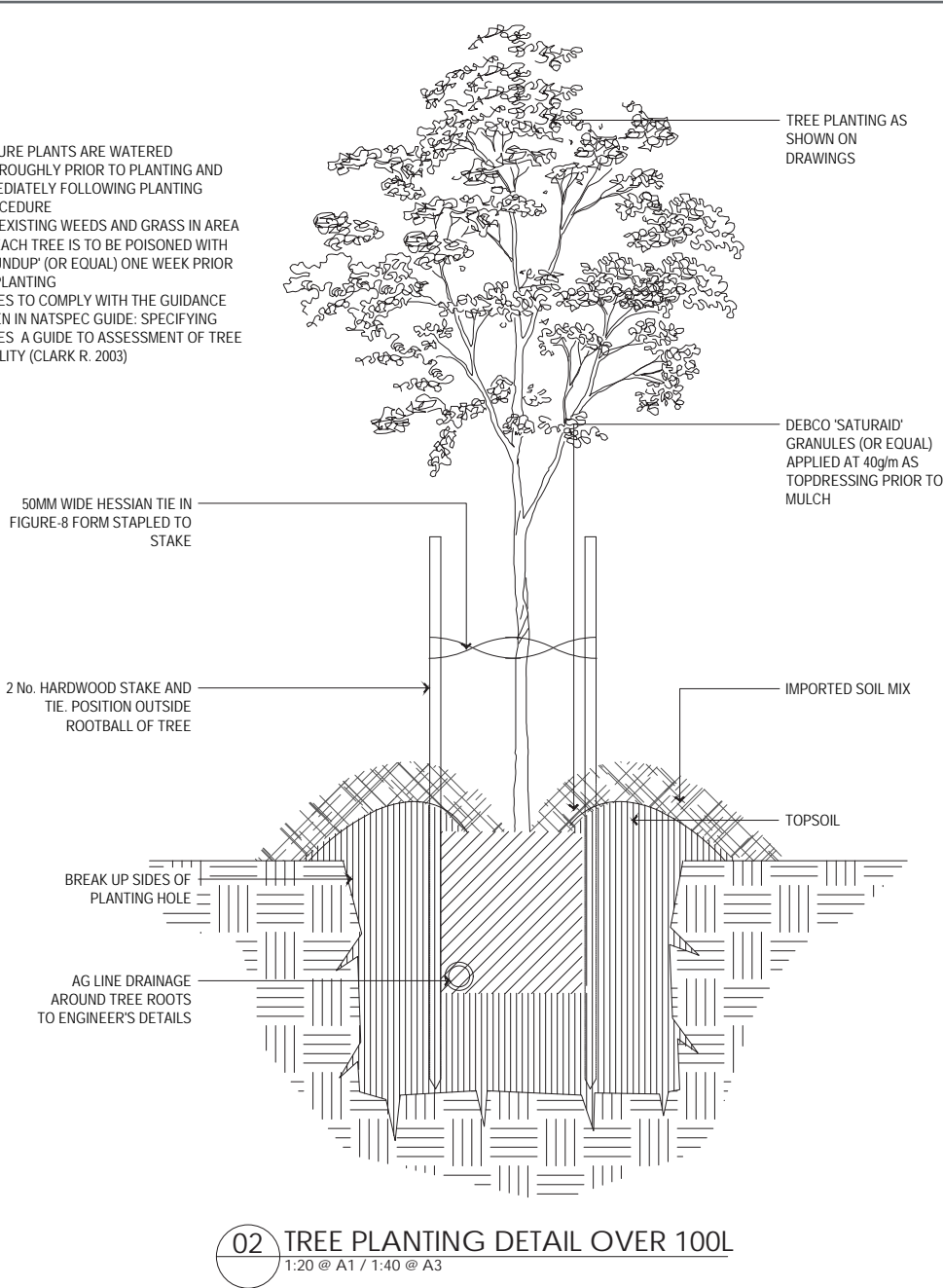


02 DEEP UNDERGROUND SERVICES
1:10 @ A1 / 1:20 @ A3

TYPICAL LANDSCAPE DETAILS



- NOTE:
1. ENSURE PLANTS ARE WATERED THOROUGHLY PRIOR TO PLANTING AND IMMEDIATELY FOLLOWING PLANTING PROCEDURE
2. ALL EXISTING WEEDS AND GRASS IN AREA OF EACH TREE IS TO BE POISONED WITH 'ROUNDUP' (OR EQUAL) ONE WEEK PRIOR TO PLANTING
3. TREES TO COMPLY WITH THE GUIDANCE GIVEN IN NATSPEC GUIDE: SPECIFYING TREES A GUIDE TO ASSESSMENT OF TREE QUALITY (CLARK R. 2003)



PROJECT	DRAWING TITLE	PROJECT NO.	PURPOSE	SCALE	REVISION	DATE	DRAWN	CHECKED	PAGE	CLIENT
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1 GRAND AVE CAMELLIA NSW 2142
Document Set ID: 252993
Version: 1, Version Date: 11/11/2024

TYPICAL LANDSCAPE
DETAILS

H8-23040

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