

Landscape Detailed Design Package

DANKS STREET BIOLINK

CLIENT CONTACT:
City of Port Phillip

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CONSULTANT CONTACT:
Pollen Studio P/L

Flynn Hart
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PROJECT ADDRESS:
Danks Street, Port Phillip, VIC

Liam Fenaughty
Landscape Architect
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p: 03 9329 7548
m: 0449 597 853

PROJECT PHASE:

Detailed Design for Construction

Issue: 5 17.04.26

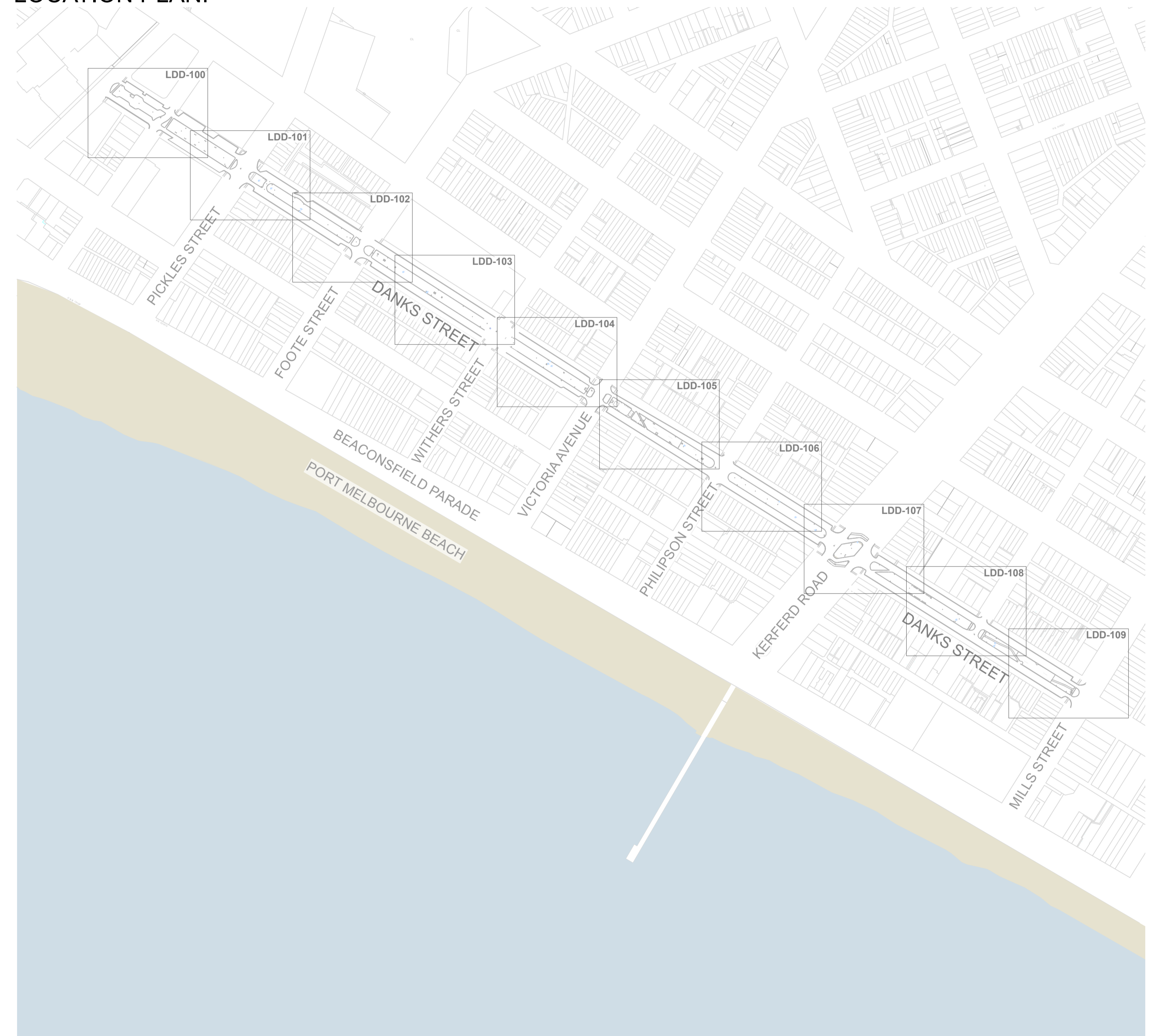
DRAWING REGISTER:

DRAWING NO.	DRAWING TITLE	SHEET	REV.
LDD-000	Cover Page	1	E
LDD-001	Planting Schedule	2	C
LDD-002	Planting Schedule	3	C
LDD-100	Features and Planting Plan	4	E
LDD-101	Features and Planting Plan	5	E
LDD-102	Features and Planting Plan	6	E
LDD-103	Features and Planting Plan	7	D
LDD-104	Features and Planting Plan	8	D
LDD-105	Features and Planting Plan	9	D
LDD-106	Features and Planting Plan	10	D
LDD-107	Features and Planting Plan	11	D
LDD-108	Features and Planting Plan	12	D
LDD-109	Features and Planting Plan	13	D
LDD-200	Landscape Details	14	C
LDD-201	Landscape Details	15	C

ACKNOWLEDGEMENT OF COUNTRY:

We acknowledge and respect Traditional Owners as the original custodians of Victoria's land and waters that were never ceded. We honour elders past and present whose knowledge, connection and wisdom has ensured the continuation of culture and care for Country for tens of thousands of years.

LOCATION PLAN:



POLLEN

Pollen Studio Pty Ltd - Landscape Architects
BRUNSWICK | CASTLEMAINE
Studio 301 | 15 Phoenix Street, Brunswick VIC 3056
03 9329 7548 | pollen@pollenstudio.com.au
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WARNING

- Beware of underground services. Locations of underground services are indicative only. Their exact position should be proven on site.
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FOR CONSTRUCTION

PROJECT
DANKS STREET BIOLINK
Capital Works

CLIENT
City of Port Phillip
99a Carlisle Street,
St Kilda, VIC 3182

CLIENT REFERENCE

-

JOB NUMBER
250106

PHASE

Detailed Design for Construction

DRAWING TITLE
Cover Page

REV. COMMENT

REV.	COMMENT	DATE
A	Draft Detailed Design Package	17.06.25
B	Draft Detailed Design Package	27.06.25
C	Final Detailed Design Package	17.07.25
D	Final Detailed Design Package (revised)	08.08.25
E	Final Detailed Design (revised)	17.04.26

DRAWN LF

CHECK FH

SCALE

NTS

SHEET

1 of 15

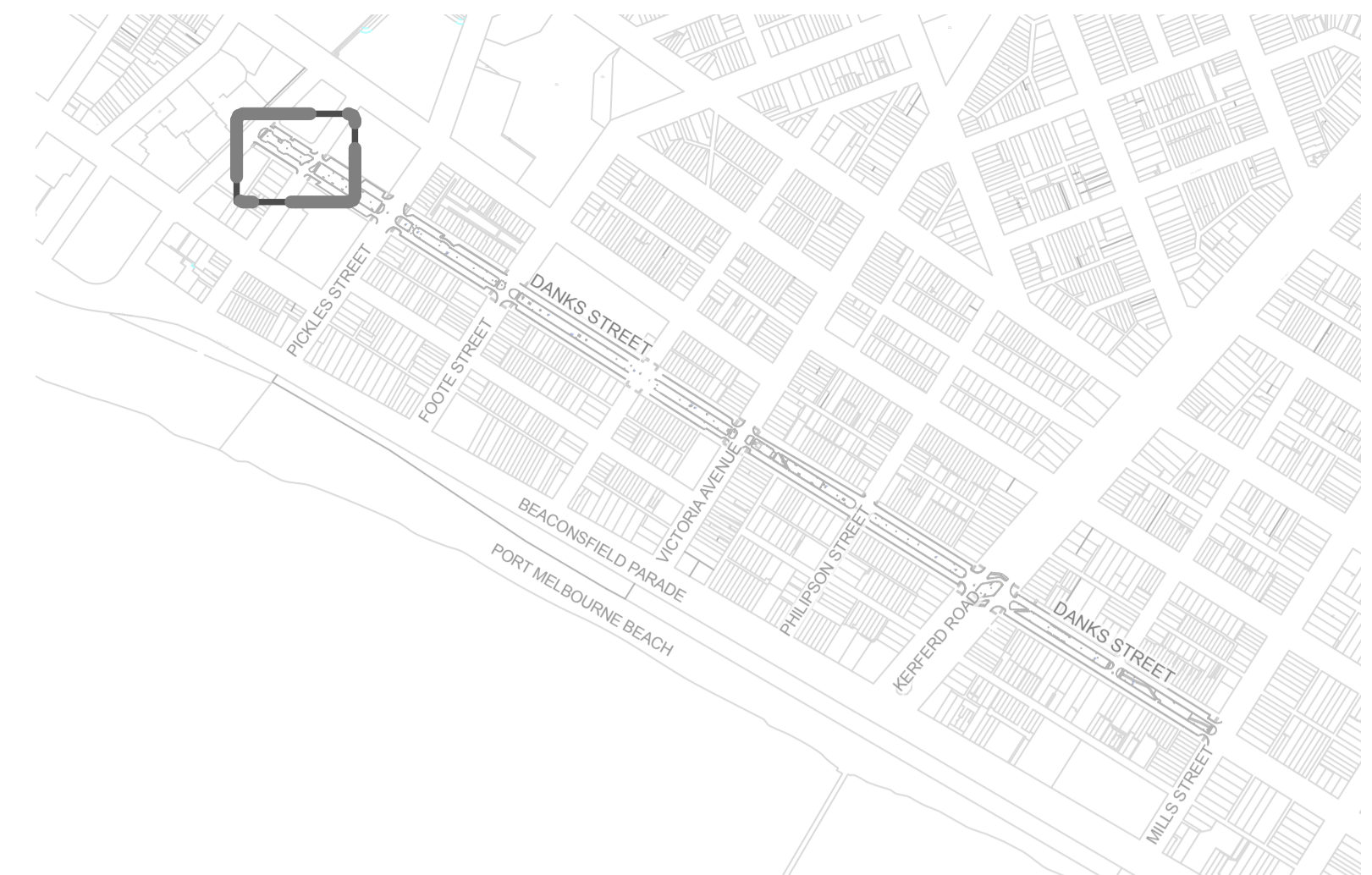
DRAWING NO.
LDD-000

NORTH

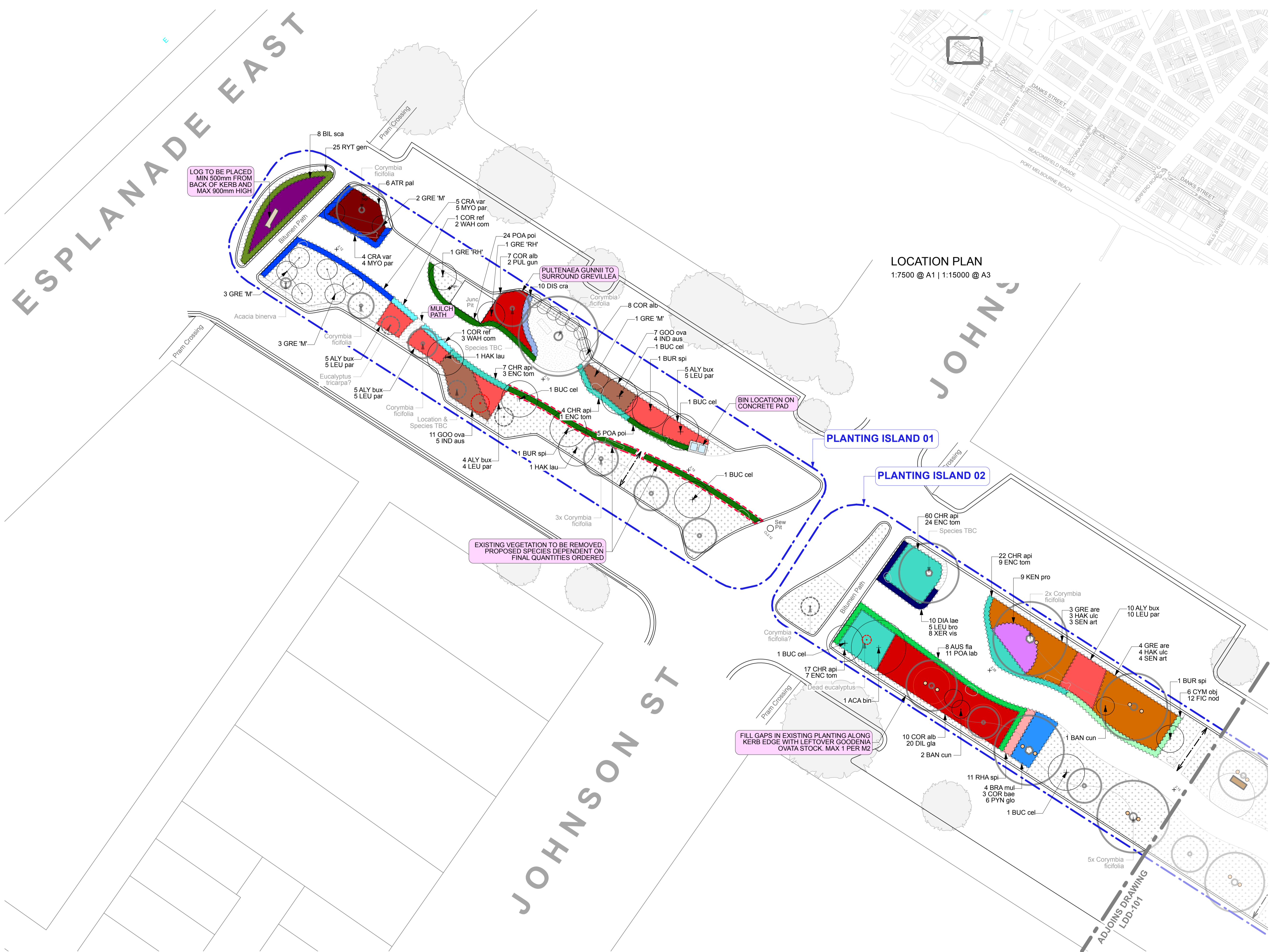


ISSUE
5

ESPLANADE EAST



LOCATION PLAN
1:7500 @ A1 | 1:15000 @ A3



LEGEND

EXISTING

- PLANTING ISLAND
- TREE TO BE RETAINED (EXISTING TREES FROM SURVEY TO BE RETAINED)
- TREE TO BE RETAINED (FROM AERIAL IMAGE / SITE VISITS)
- TREE TO BE REMOVED (CONFIRM ON-SITE WITH SUPERINTENDENT)
- BOLLARD / POST
- SIGN
- EXISTING PLANTING
- MEDIAN EDGE BUFFER
- DESIRE LINE

PROPOSED

- LOCAL TOPPINGS
- BIN LOCATION
- LOG
- TREE (REFER PLANT SCHEDULE)

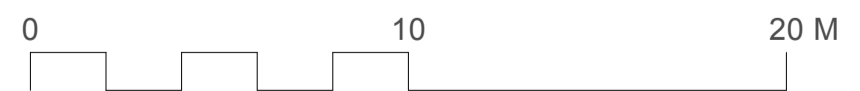
PLANTING ISLAND 01

- SHRUB MIX A
- SHRUB MIX E
- SHRUB MIX F
- SHRUB MIX I
- GROUNDCOVER MIX B
- GROUNDCOVER MIX C
- GROUNDCOVER MIX G
- GROUNDCOVER MIX I
- GRASS MIX C
- GRASS MIX D
- CLIMBER MIX A

PLANTING ISLAND 02

- SHRUB MIX D
- SHRUB MIX E
- SHRUB MIX H
- SHRUB MIX I
- GROUNDCOVER MIX D
- GROUNDCOVER MIX E
- GROUNDCOVER MIX G
- GRASS MIX B
- GRASS MIX E
- CLIMBER MIX B

GENERAL NOTE
REFER TO PLANT SCHEDULE ON LDD-001 FOR SELECTED SPECIES: BOTANICAL NAME, COMMON NAME, MATURE HEIGHT, MATURE SPREAD AND QUANTITIES



FOR CONSTRUCTION

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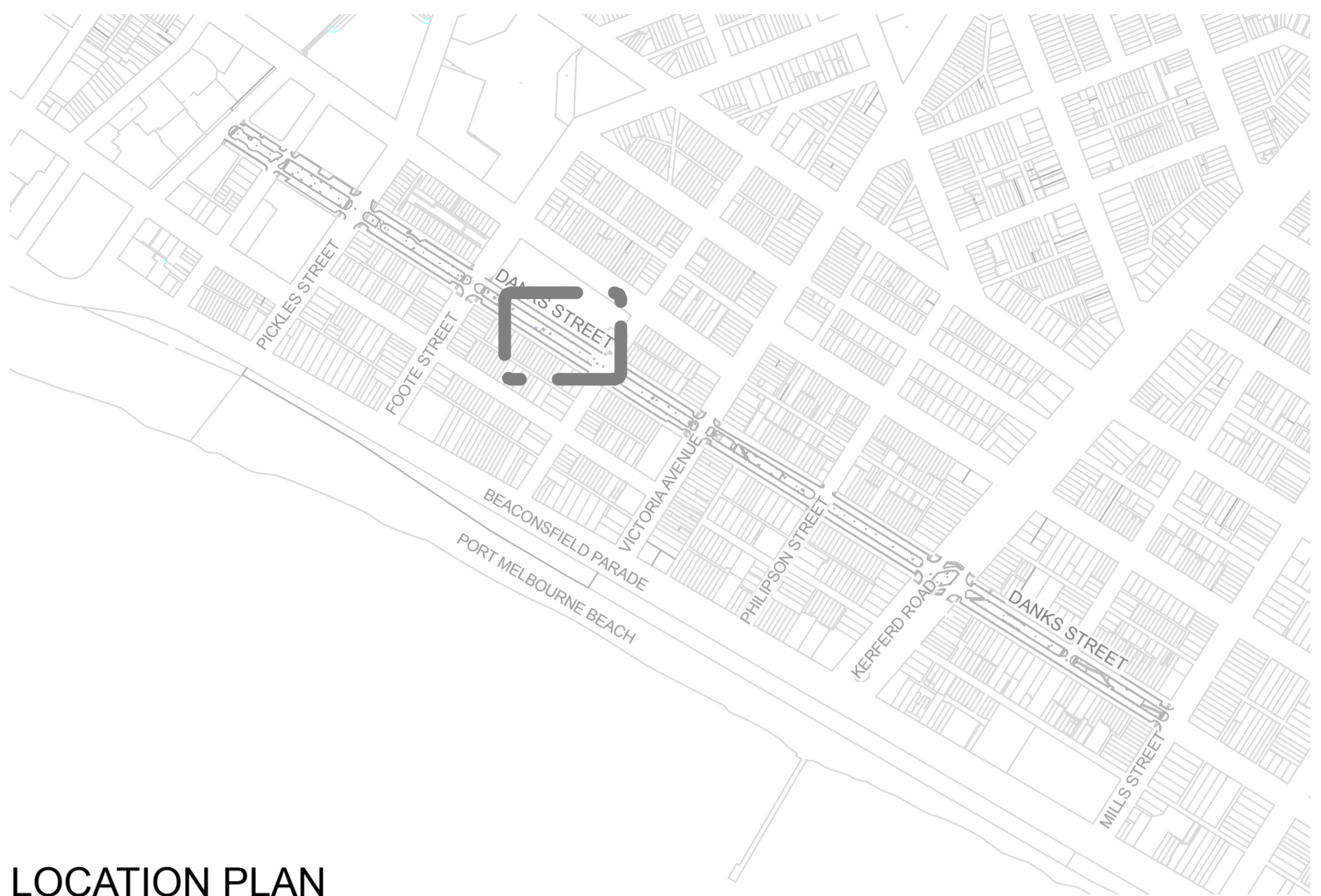
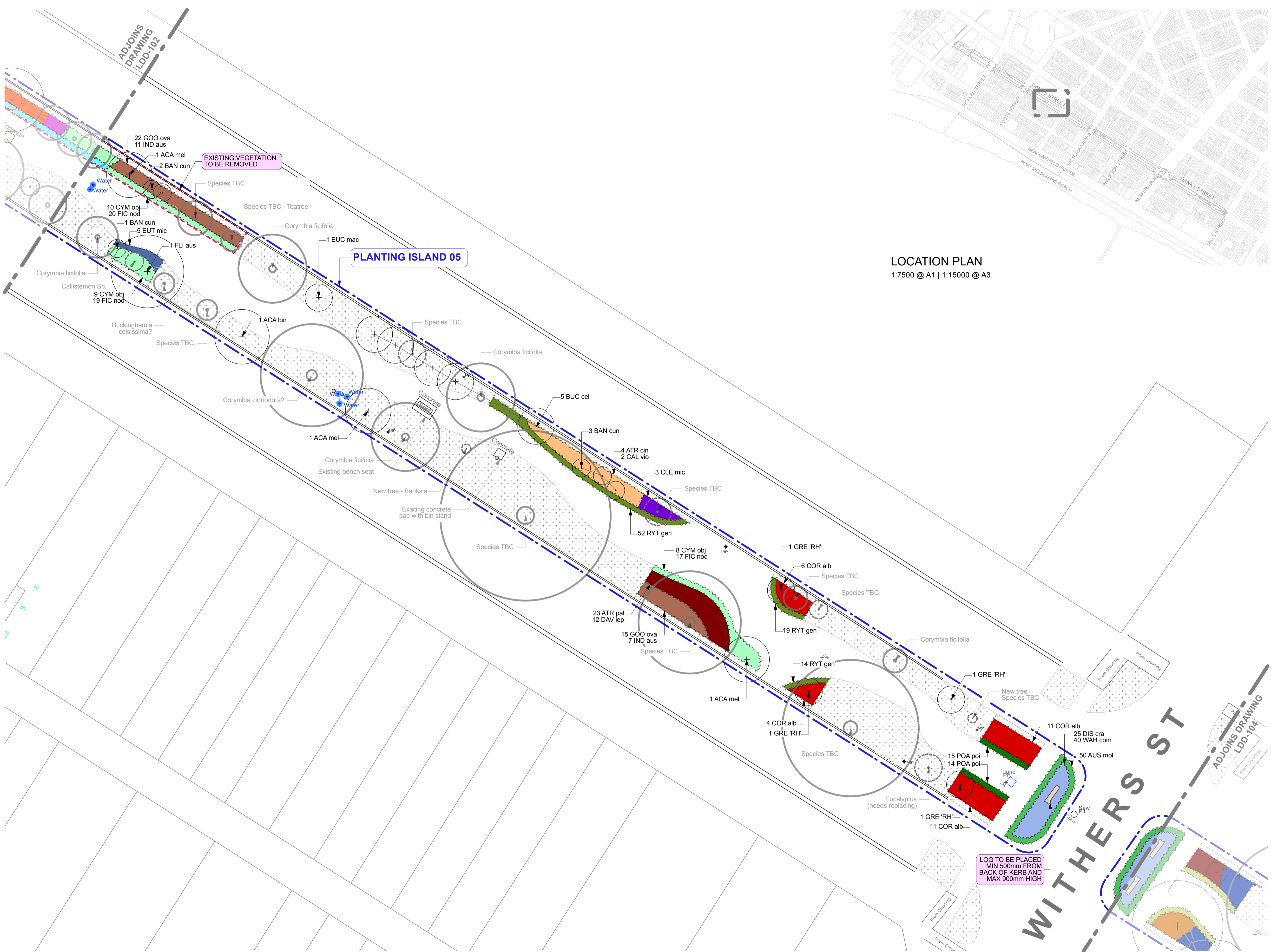
SCALE
1:200 @ A1 | 1:400 @ A3

SHEET
4 of 15

DRAWING NO.
LDD-100

NORTH

ISSUE
5



LOCATION PLAN
1:7500 @ A1 | 1:15000 @ A3

LEGEND

- EXISTING**
- PLANTING ISLAND
 - TREE TO BE RETAINED
EXISTING TREES FROM SURVEY TO BE RETAINED
 - TREE TO BE RETAINED
FROM AERIAL IMAGE / SITE VISITS
 - BOLLARD / POST
 - SIGN
 - WATER POINT
 - EXISTING PLANTING
 - MEDIAN EDGE BUFFER
- PROPOSED**
- LOG
 - TREE
REFER PLANT SCHEDULE
- PLANTING ISLAND 05**
- SHRUB MIX A
 - SHRUB MIX E
 - SHRUB MIX F
 - SHRUB MIX G
 - GROUNDCOVER MIX H
 - GRASS MIX C
 - GRASS MIX D
 - GRASS MIX E
 - CLIMBER MIX E
- GENERAL NOTE**
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SCALE
1:200 @ A1 | 1:400 @ A3

SHEET
7 of 15

DRAWING NO.
LDD-103

NORTH

ISSUE
5



LEGEND

- EXISTING**
- PLANTING ISLAND**
 - TREE TO BE RETAINED**
EXISTING TREES FROM SURVEY TO BE RETAINED
 - TREE TO BE RETAINED**
FROM AERIAL IMAGE / SITE VISITS
 - TREE TO BE REMOVED**
CONFIRM ON-SITE WITH SUPERINTENDENT
 - BOLLARD / POST**
 - SIGN**
 - WATER POINT**
 - EXISTING PLANTING**
 - MEDIAN EDGE BUFFER**
- PROPOSED**
- LOG**
 - COCKITROUGH**
 - TREE**
REFER PLANT SCHEDULE
- PLANTING ISLAND 06**
- SHRUB MIX A**
 - SHRUB MIX B**
 - SHRUB MIX D**
 - SHRUB MIX G**
 - SHRUB MIX H**
 - GROUNDCOVER MIX A**
 - GROUNDCOVER MIX B**
 - GROUNDCOVER MIX D**
 - GROUNDCOVER MIX G**
 - GROUNDCOVER MIX I**
 - GRASS MIX B**
 - GRASS MIX C**
 - GRASS MIX D**
 - GRASS MIX F**
 - CLIMBER MIX F**
- GENERAL NOTE**
REFER TO PLANT SCHEDULE ON LDD-001 FOR SELECTED SPECIES: BOTANICAL NAME, COMMON NAME, MATURE HEIGHT, MATURE SPREAD AND QUANTITIES

LOCATION PLAN
1:7500 @ A1 | 1:15000 @ A3



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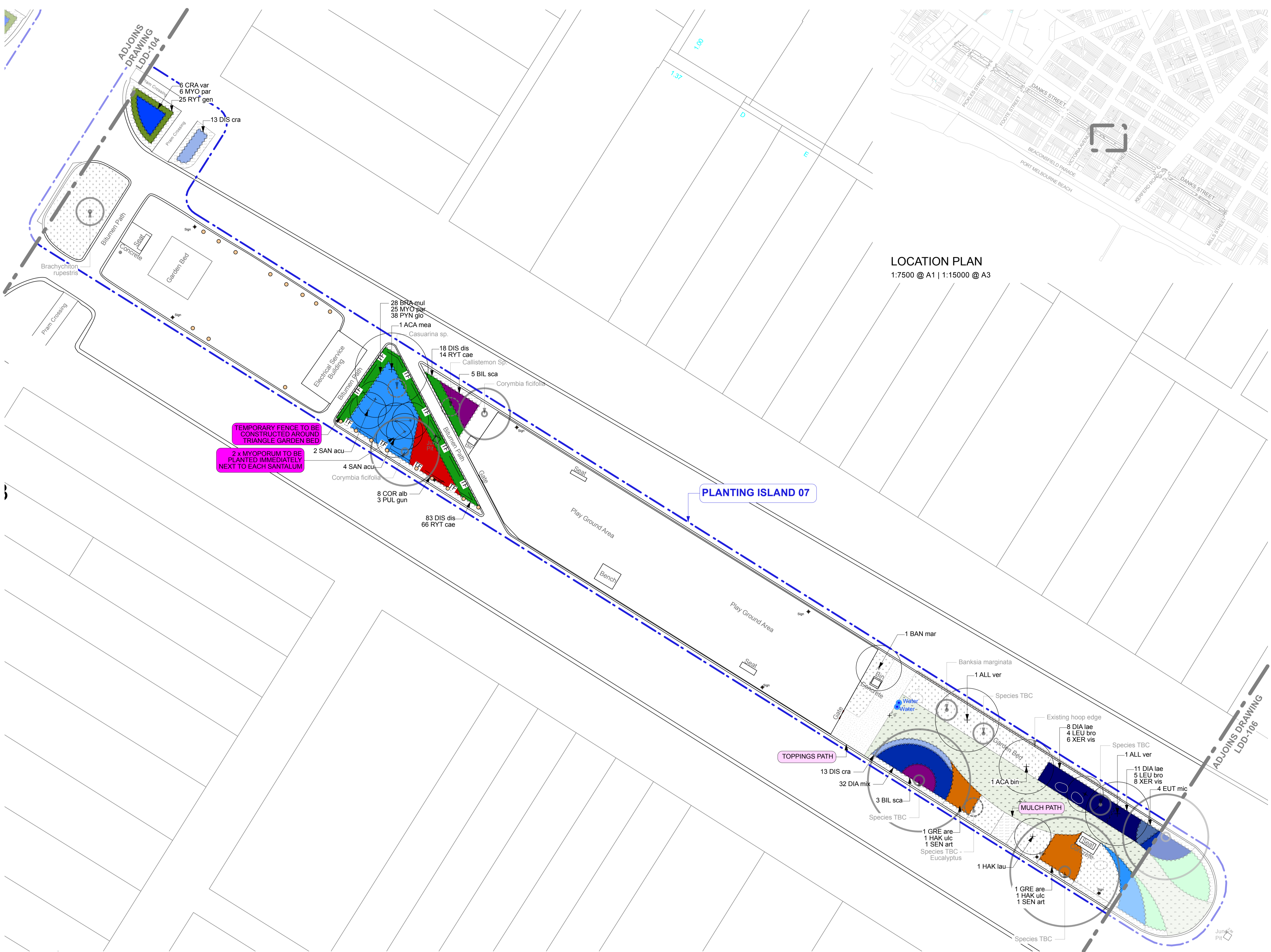
SCALE
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SHEET
8 of 15

DRAWING NO.
LDD-104

NORTH

ISSUE
5



LOCATION PLAN
1:7500 @ A1 | 1:15000 @ A3

LEGEND

- EXISTING
- PLANTING ISLAND
 - TREE TO BE RETAINED (EXISTING TREES FROM SURVEY TO BE RETAINED)
 - TREE TO BE RETAINED (FROM AERIAL IMAGE / SITE VISITS)
 - BOLLARD / POST
 - SIGN
 - WATER POINT
 - EXISTING PLANTING
 - MEDIAN EDGE BUFFER
- PROPOSED
- INSTANT TURF
 - LOCAL TOPPINGS
 - LOG
 - TREE (REFER PLANT SCHEDULE)
- PLANTING ISLAND 07
- SHRUB MIX C
 - SHRUB MIX E
 - SHRUB MIX H
 - GROUNDCOVER MIX B
 - GROUNDCOVER MIX D
 - GROUNDCOVER MIX E
 - GROUNDCOVER MIX G
 - GROUNDCOVER MIX H
 - GROUNDCOVER MIX I
 - GRASS MIX A
 - GRASS MIX C
 - CLIMBER MIX A
 - CLIMBER MIX D

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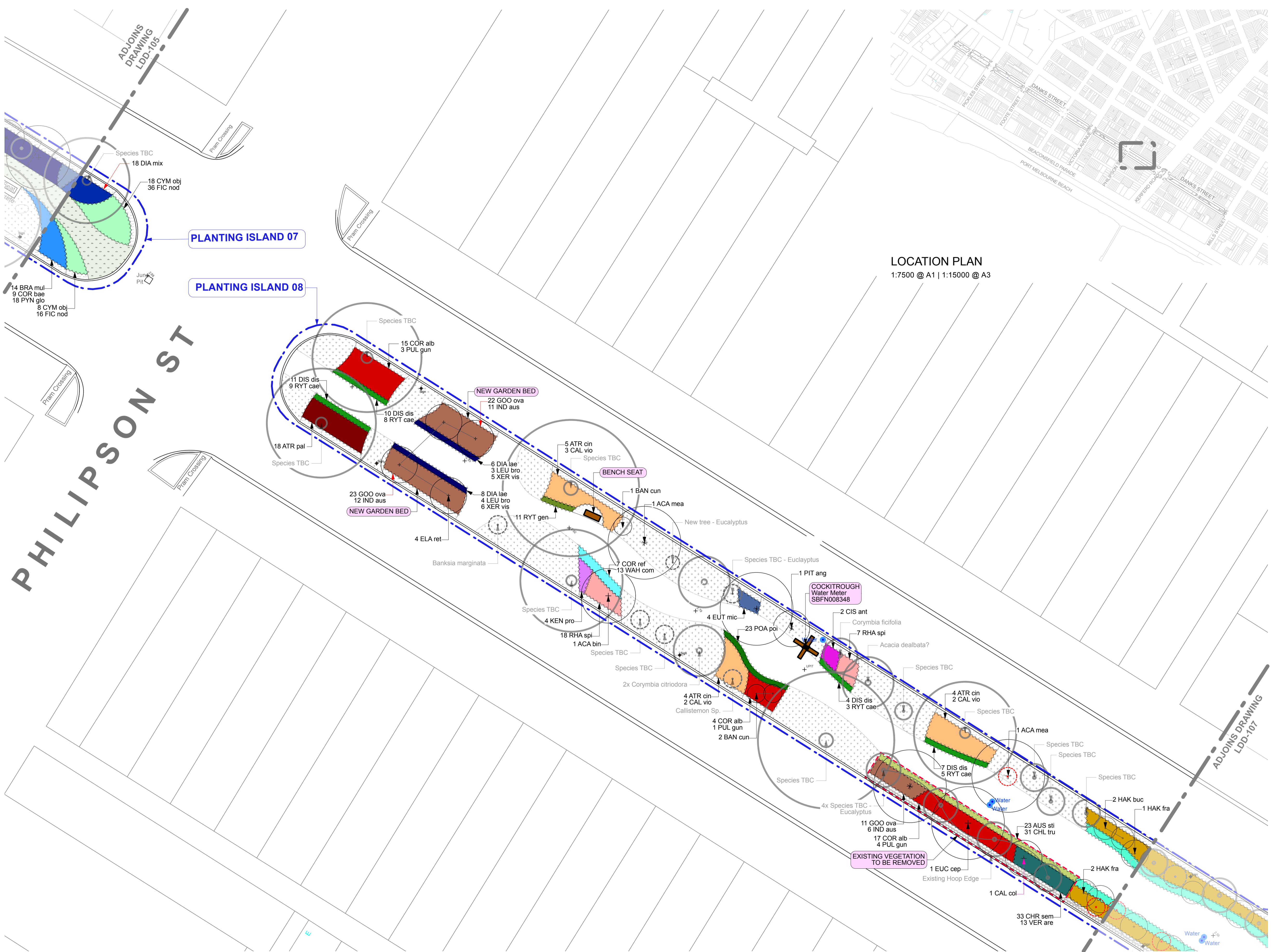
SCALE
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SHEET
9 of 15

DRAWING NO.
LDD-105

NORTH

ISSUE
5



LOCATION PLAN
1:7500 @ A1 | 1:15000 @ A3

LEGEND

- EXISTING
- PLANTING ISLAND
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 - BOLLARD / POST
 - SIGN
 - WATER POINT
 - EXISTING PLANTING
 - MEDIAN EDGE BUFFER
- PROPOSED
- INSTANT TURF
 - BENCH SEAT
 - TREE (REFER PLANT SCHEDULE)
 - COCKITROUGH
- PLANTING ISLAND 07
- SHRUB MIX C
 - GROUNDCOVER MIX D
 - GRASS MIX E
- PLANTING ISLAND 08
- SHRUB MIX A
 - SHRUB MIX D
 - SHRUB MIX E
 - SHRUB MIX F
 - SHRUB MIX G
 - GROUNDCOVER MIX C
 - GROUNDCOVER MIX E
 - GROUNDCOVER MIX F
 - GROUNDCOVER MIX H
 - GRASS MIX A
 - GRASS MIX C
 - GRASS MIX D
 - GRASS MIX F
 - CLIMBER MIX B
 - CLIMBER MIX C
 - RAISING RARITY SUB MIX
 - RAISING RARITY SUB MIX

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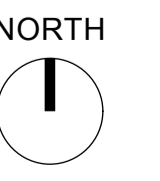
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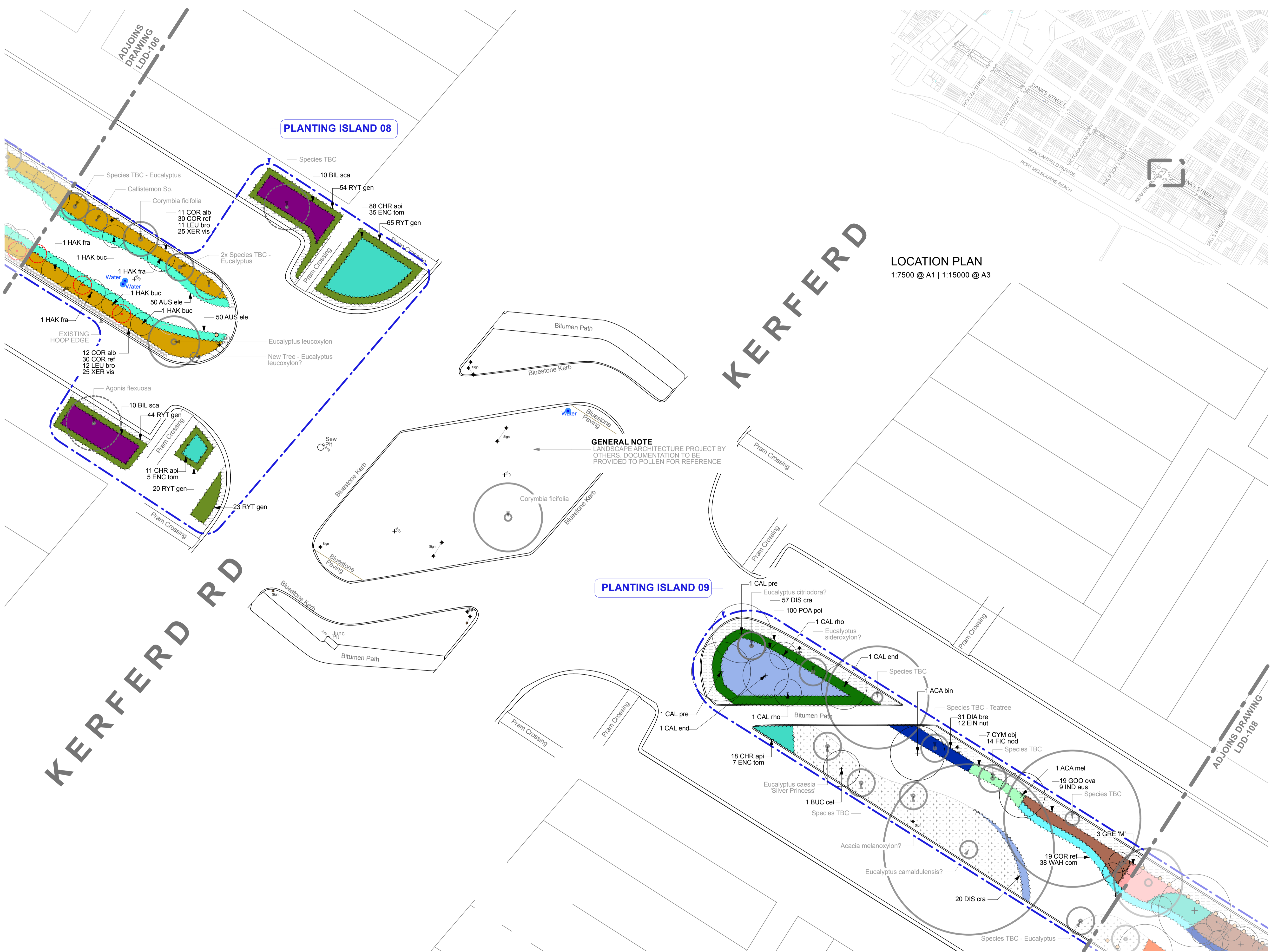
SCALE
1:200 @ A1 | 1:400 @ A3

SHEET
10 of 15

DRAWING NO.
LDD-106

ISSUE
5





LOCATION PLAN
1:7500 @ A1 | 1:15000 @ A3

LEGEND

EXISTING

- PLANTING ISLAND
- TREE TO BE RETAINED (EXISTING TREES FROM SURVEY TO BE RETAINED)
- TREE TO BE RETAINED (FROM AERIAL IMAGE / SITE VISITS)
- TREE TO BE REMOVED (CONFIRM ON-SITE WITH SUPERINTENDENT)
- BOLLARD / POST
- SIGN
- WATER POINT
- EXISTING PLANTING
- MEDIAN EDGE BUFFER

PROPOSED

- TREE (REFER PLANT SCHEDULE)

PLANTING ISLAND 08

- GRASS MIX C
- CLIMBER MIX D
- GROUNDCOVER MIX G

PLANTING ISLAND 09

- SHRUB MIX F
- GROUNDCOVER MIX A
- GROUNDCOVER MIX B
- GROUNDCOVER MIX C
- GROUNDCOVER MIX G
- GRASS MIX E
- RAISING RARITY SUB MIX
- RAISING RARITY SUB MIX

GENERAL NOTE
REFER TO PLANT SCHEDULE ON LDD-001 FOR SELECTED SPECIES: BOTANICAL NAME, COMMON NAME, MATURE HEIGHT, MATURE SPREAD AND QUANTITIES

GENERAL NOTE
LANDSCAPE ARCHITECTURE PROJECT BY OTHERS. DOCUMENTATION TO BE PROVIDED TO POLLEN FOR REFERENCE

PLANTING ISLAND 09



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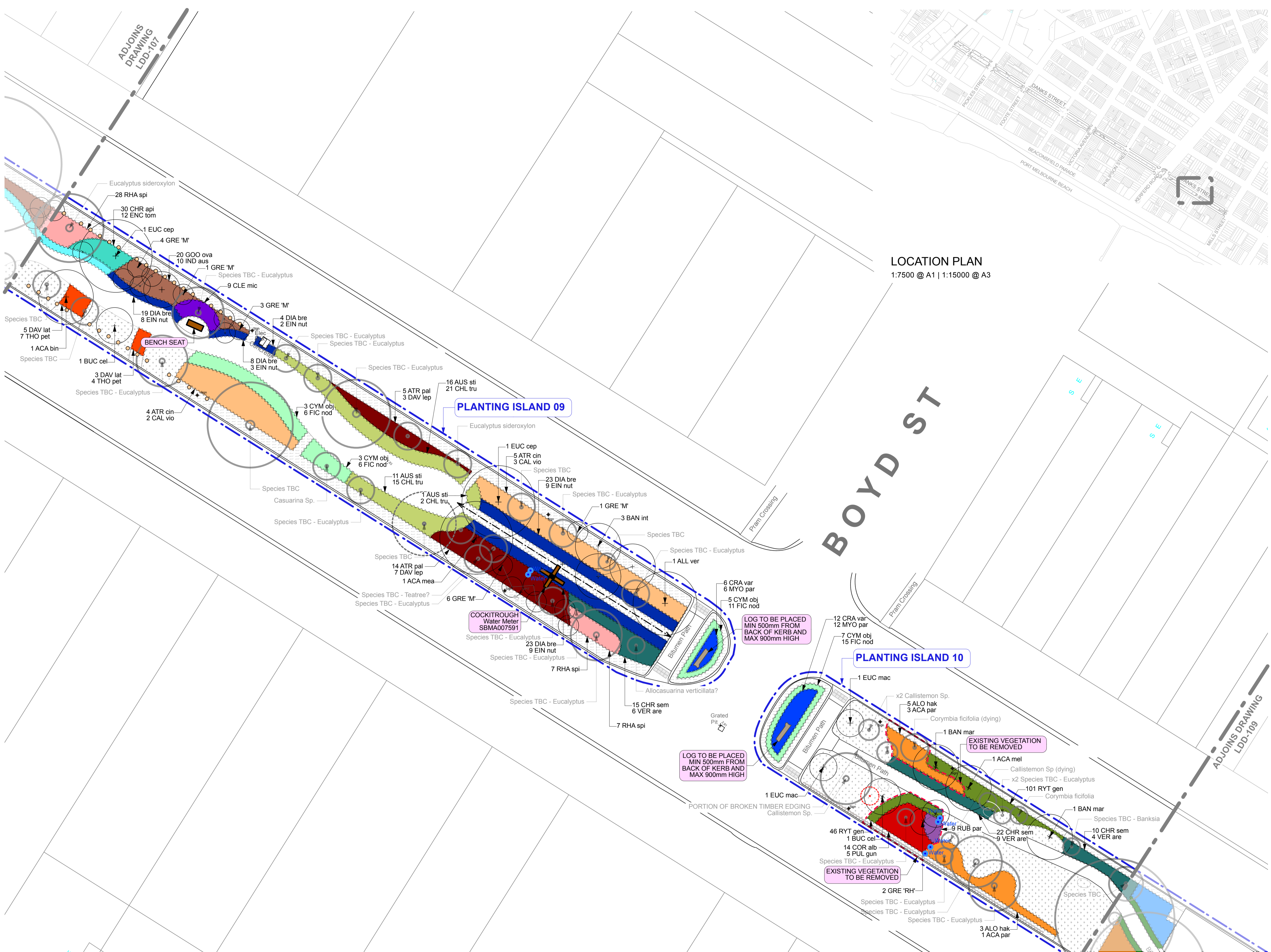
SCALE
1:200 @ A1 | 1:400 @ A3

SHEET
11 of 15

DRAWING NO.
LDD-107

NORTH
↑

ISSUE
5



LOCATION PLAN
1:7500 @ A1 | 1:15000 @ A3

- LEGEND**
- EXISTING**
- PLANTING ISLAND
 - TREE TO BE RETAINED (EXISTING TREES FROM SURVEY TO BE RETAINED)
 - TREE TO BE RETAINED (FROM AERIAL IMAGE / SITE VISITS)
 - TREE TO BE REMOVED (CONFIRM ON-SITE WITH SUPERINTENDENT)
 - BOLLARD / POST
 - SIGN
 - WATER POINT
 - EXISTING PLANTING
 - MEDIAN EDGE BUFFER
 - DESIRE LINE
- PROPOSED**
- BENCH SEAT
 - LOG
 - COCKITROUGH
 - TREE (REFER PLANT SCHEDULE)

- PLANTING ISLAND 09**
- SHRUB MIX A
 - SHRUB MIX C
 - SHRUB MIX D
 - SHRUB MIX F
 - SHRUB MIX G
 - GROUNDCOVER MIX A
 - GROUNDCOVER MIX F
 - GROUNDCOVER MIX G
 - GRASS MIX E
 - GRASS MIX F
 - CLIMBER MIX E
- PLANTING ISLAND 10**
- SHRUB MIX B
 - SHRUB MIX E
 - GROUNDCOVER MIX F
 - GROUNDCOVER MIX I
 - GRASS MIX C
 - CLIMBER MIX F

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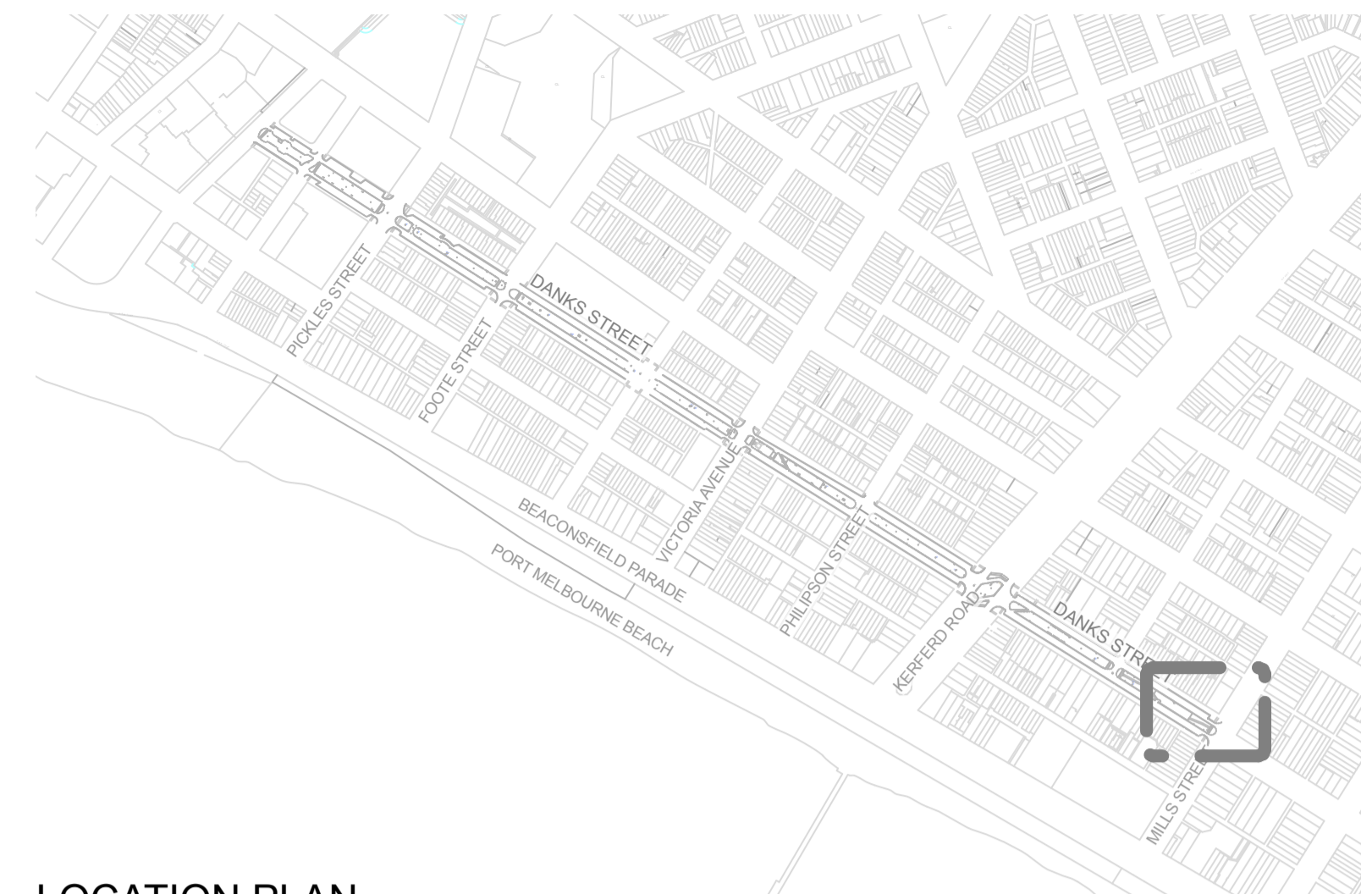
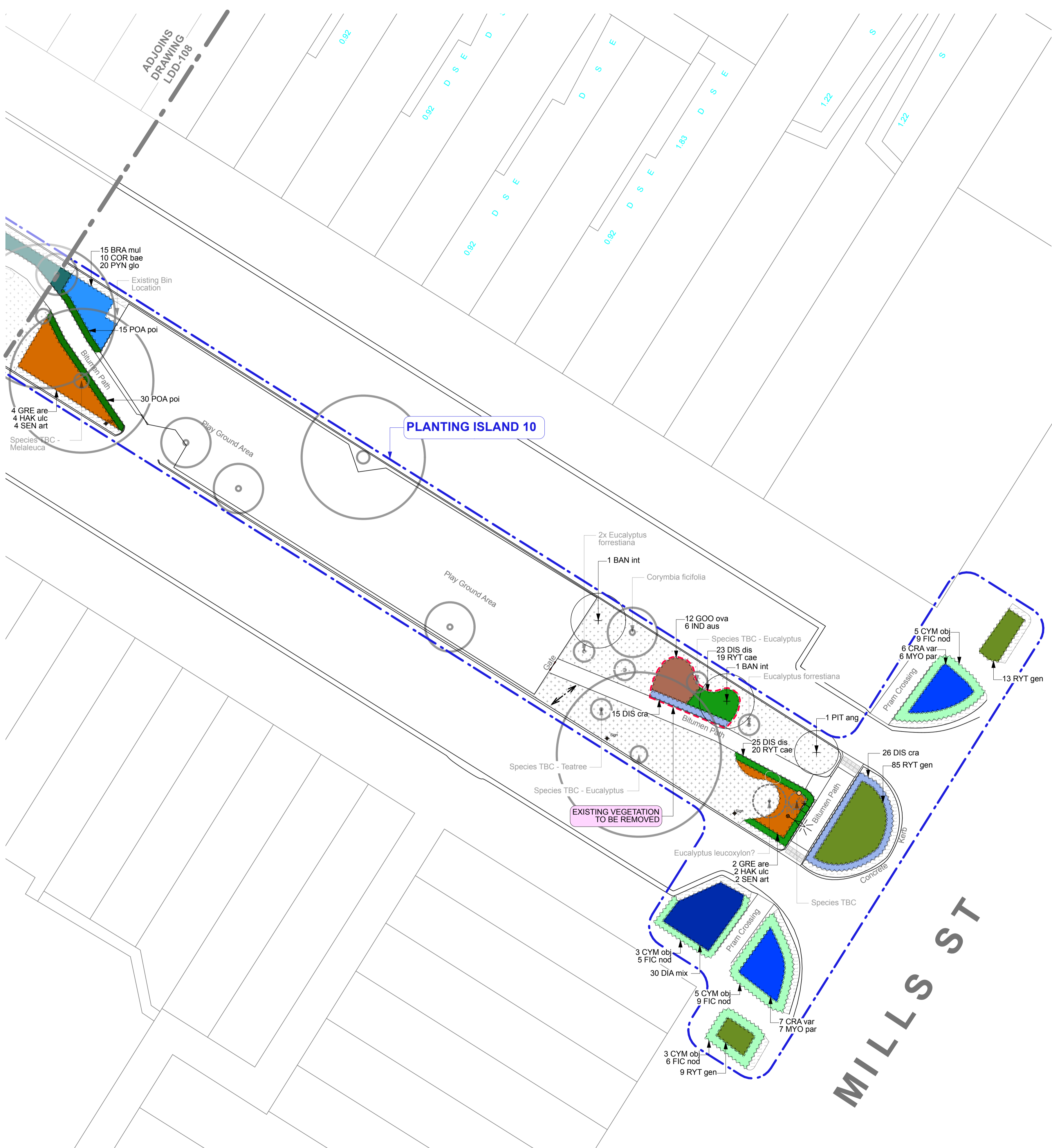
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SHEET
12 of 15

DRAWING NO.
LDD-108

NORTH

ISSUE
5

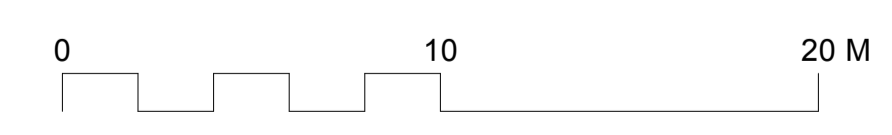


LOCATION PLAN
1:7500 @ A1 | 1:15000 @ A3

LEGEND

- EXISTING**
- PLANTING ISLAND
 - TREE TO BE RETAINED
EXISTING TREES FROM SURVEY TO BE RETAINED
 - TREE TO BE RETAINED
FROM AERIAL IMAGE / SITE VISITS
 - BOLLARD / POST
 - SIGN
 - EXISTING PLANTING
 - MEDIAN EDGE BUFFER
 - DESIRE LINE
- PROPOSED**
- TREE
REFER PLANT SCHEDULE
- PLANTING ISLAND 10**
- SHRUB MIX A
 - SHRUB MIX F
 - GROUNDCOVER MIX B
 - GROUNDCOVER MIX D
 - GROUNDCOVER MIX I
 - GRASS MIX A
 - GRASS MIX C
 - GRASS MIX E

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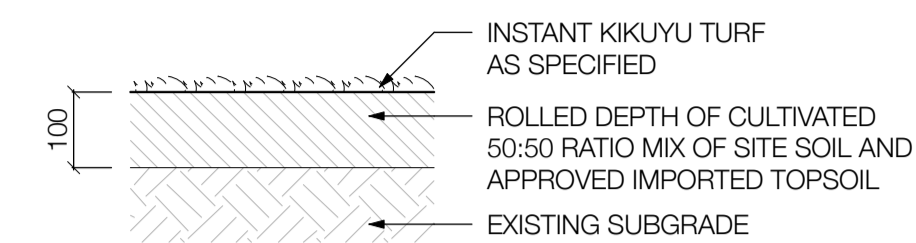
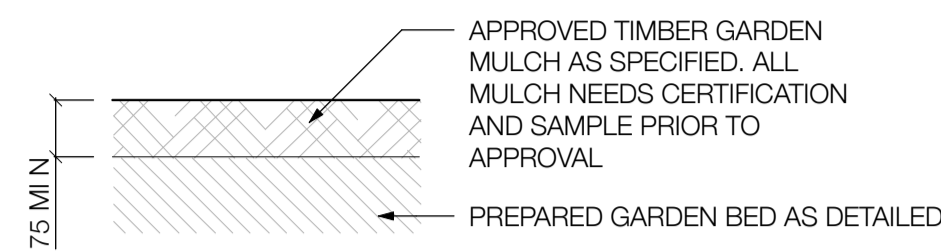
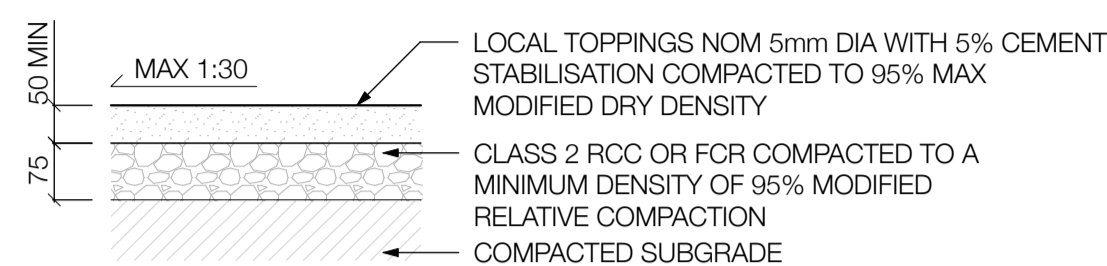
SCALE
1:200 @ A1 | 1:400 @ A3

SHEET
13 of 15

DRAWING NO.
LDD-109

NORTH

ISSUE
5



01 LOCAL TOPPINGS

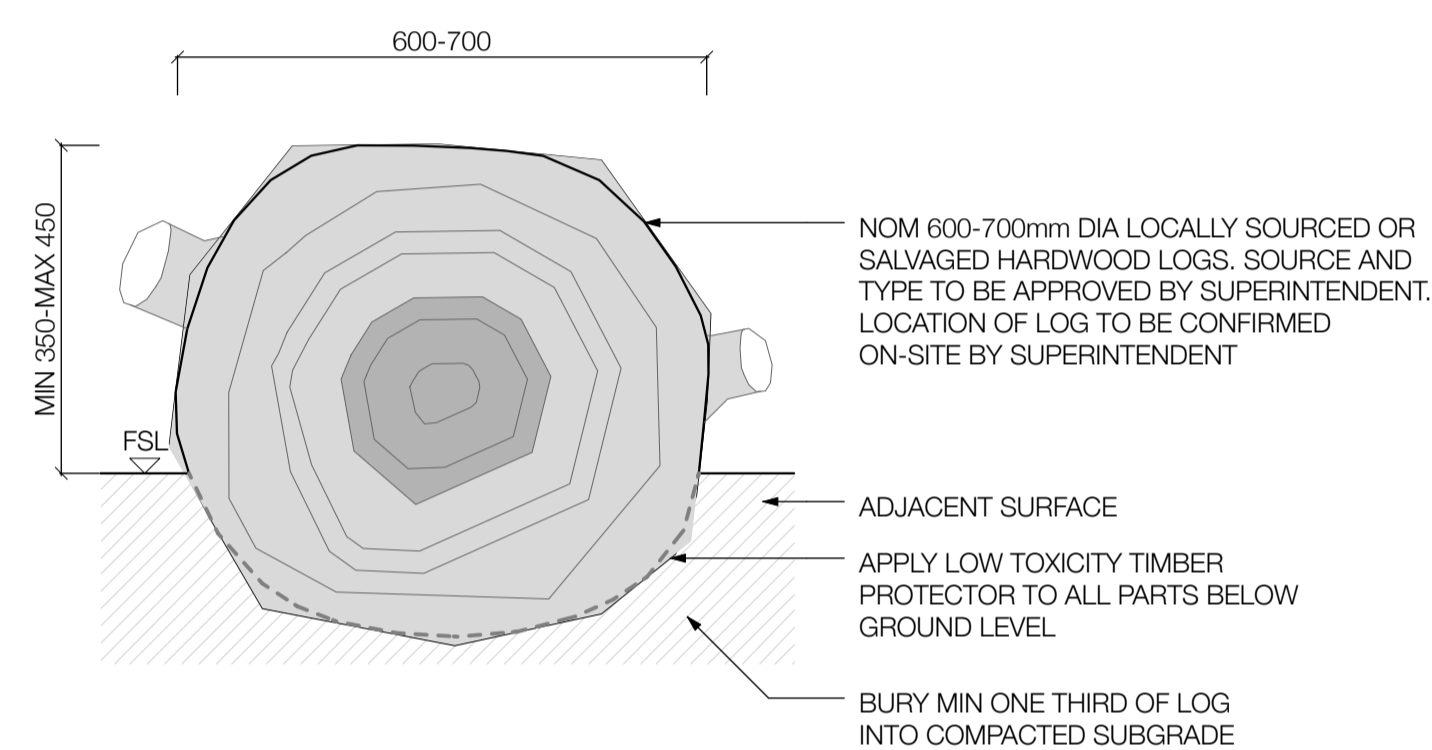
1:10 @ A1 | 1:20 @ A3

02 TIMBER GARDEN MULCH

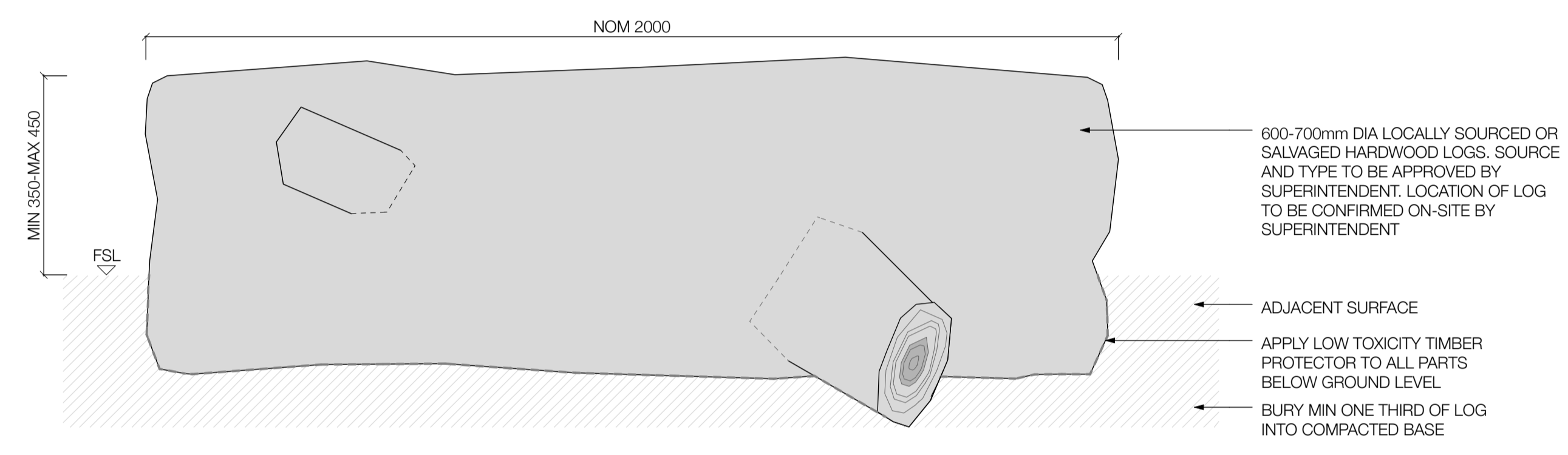
1:10 @ A1 | 1:20 @ A3

03 INSTANT TURF

1:10 @ A1 | 1:20 @ A3



TYPICAL DETAIL



ELEVATION

TIMBER LOG NOTES:
LOGS TO BE PLACED ON FIRM BASE. ANY LOGS THAT MOVE WILL BE REJECTED. LOGS TO BE DEBARKED PRIOR TO INSTALLATION AND ALL EDGES ROUNDED OFF.

SHAPES SHOWN ARE INDICATIVE ONLY. PREFERENCE TO UTILISE EXISTING TREES NOMINATED TO BE REMOVED. CONTRACTOR TO CONFIRM SUITABILITY OF FELLED TREE LIMBS PRIOR TO INSTALLATION.

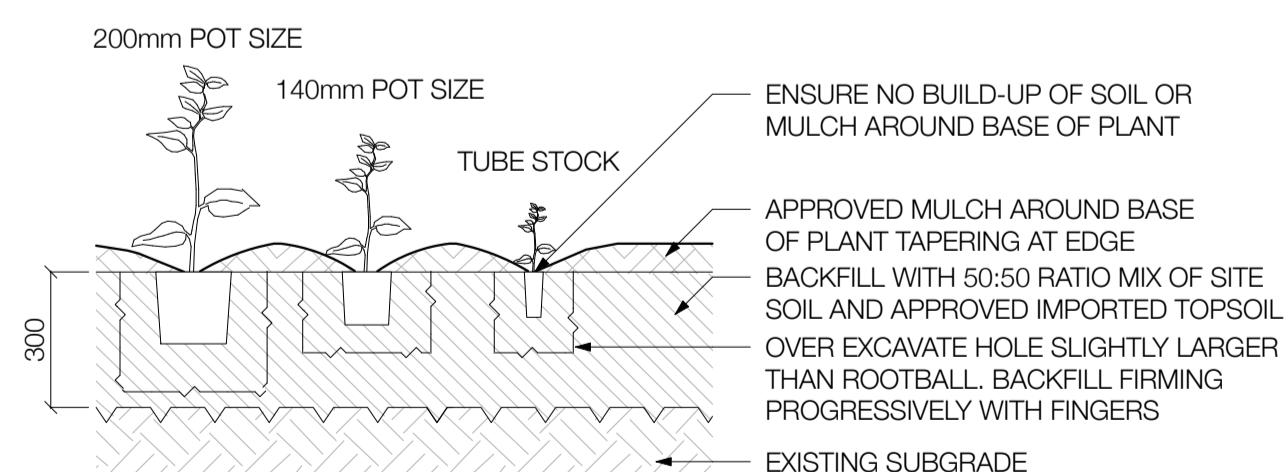
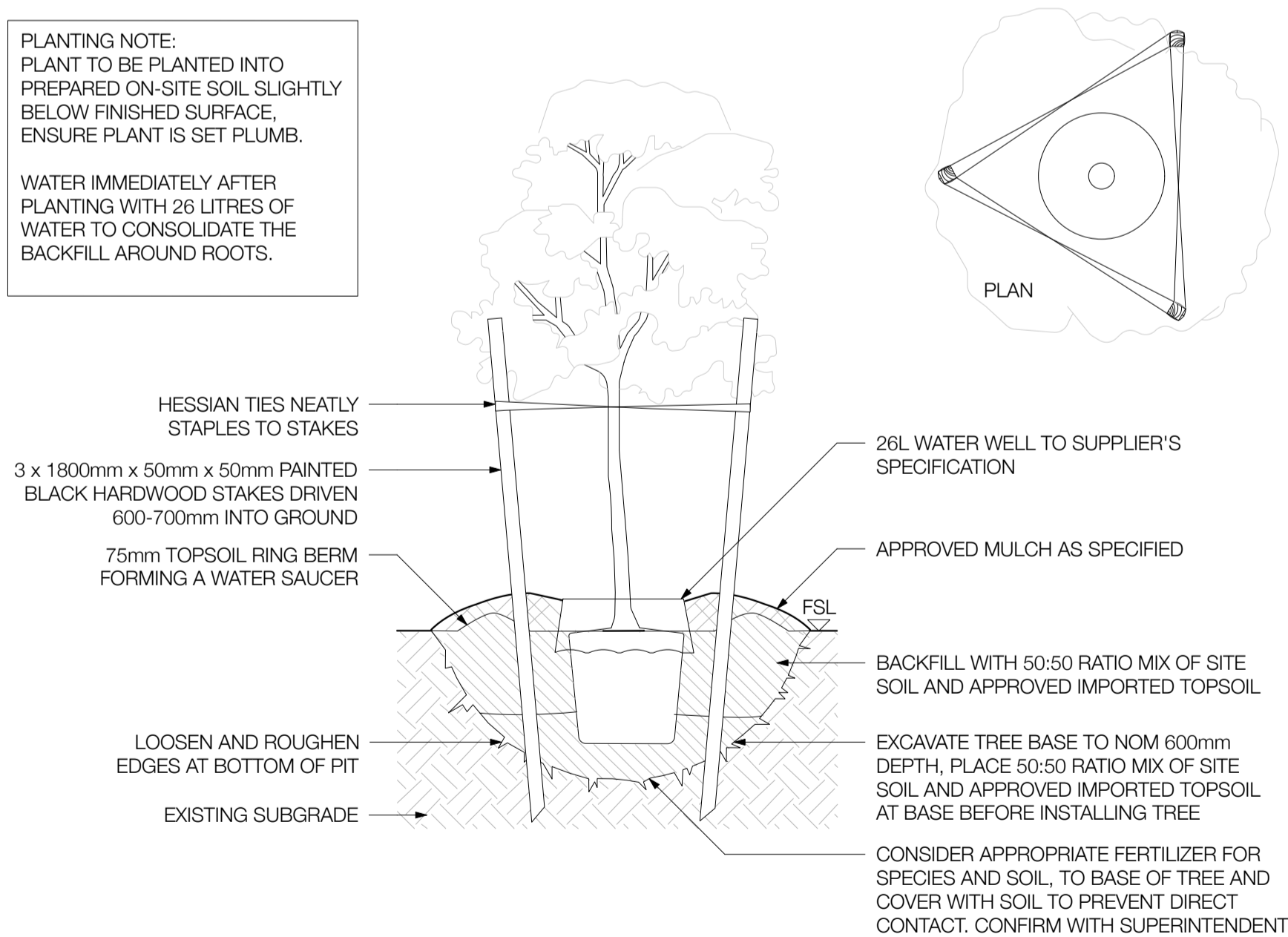
GENERAL NOTE:
LOG TO BE PLACED MIN 500mm FROM BACK OF KERB AND MAX 900mm HIGH.

04 LOG SEAT

1:10 @ A1 | 1:20 @ A3

PLANTING NOTE:
PLANT TO BE PLANTED INTO PREPARED ON-SITE SOIL SLIGHTLY BELOW FINISHED SURFACE. ENSURE PLANT IS SET PLUMB.

WATER IMMEDIATELY AFTER PLANTING WITH 20 LITRES OF WATER TO CONSOLIDATE THE BACKFILL AROUND ROOTS.



PLANTING NOTE:
PLANT TO BE PLANTED INTO PREPARED ON-SITE SOIL SLIGHTLY BELOW FINISHED SURFACE. ENSURE PLANT IS SET PLUMB.

WATER IMMEDIATELY AFTER PLANTING WITH 4 LITRES OF WATER TO CONSOLIDATE THE BACKFILL AROUND ROOTS.

05 TREE PLANTING

1:20 @ A1 | 1:40 @ A3

06 LOW PLANTING

1:20 @ A1 | 1:40 @ A3



Pollen Studio Pty Ltd - Landscape Architects
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pollenstudio.com.au | ABN 45 494 020 124

WARNING

- Beware of underground services. Locations of underground services are indicative only. Their exact position should be proven on site.
- Contractor to verify all dimensions on site before commencing work.
- Report all discrepancies to Superintendent prior to construction.
- Figured dimensions to be taken in preference to scaled drawings.
- All drawings may not be distributed without prior permission from the Landscape Architect.

FOR CONSTRUCTION

PROJECT
DANKS STREET BIOLINK
Capital Works

CLIENT
City of Port Phillip
99a Carlisle Street,
St Kilda, VIC 3182

CLIENT REFERENCE

-

JOB NUMBER
250106

PHASE

Detailed Design for Construction

DRAWING TITLE

Landscape Details

REV. COMMENT

REV.	COMMENT	DATE
A	Draft Detailed Design Package	27.06.25
B	Final Detailed Design Package	17.07.25
C	Final Detailed Design (revised)	17.04.26

DRAWN LF

CHECK FH

SCALE

AS SHOWN ABOVE

SHEET

14 of 15

DRAWING NO.

LDD-200

ISSUE

5



Cockitrough®

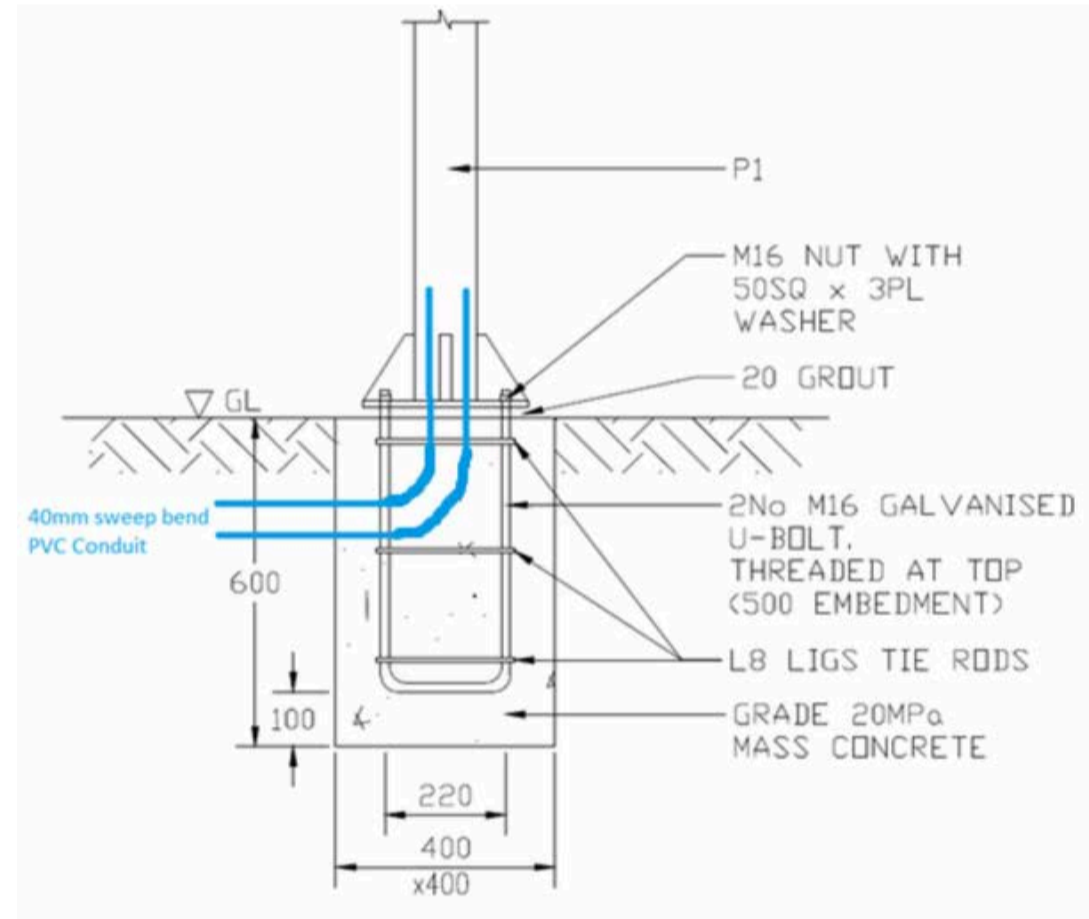
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Installation Guide for Cockitrough®

Installation Guide for Bird Waterers (Cockitrough®)

Note: This guide is for approved installers only and should not be shared beyond those authorised by the Town of Victoria Park.



- Concrete pour must provide for a 20mm elevation of the base plate above the foundation pour.
- The foundation bolts and washers to be structural galvanised assembly (8.8S).
- Crane the Bird Waterers into position and thread 19 mm poly through conduit carefully.
- Align and position threads and bolt into position.
- Use spacers provided to align and ensure the pole is set level. The other option is to use a set of 4 nuts below the baseplate and adjust below the base plate to level.
- Tighten and secure nuts and washer in level position.
- After concrete has been cured, a 20mm grout needs to be installed between concrete foundation and base plate.

- The structure requires at least 0.1 cubic metres of 20MPa Concrete as per drawing above 102010. Dwg1 showing details of base plate and rag bolt assembly.
- The rag bolt assembly must be located level at the point of concrete installation to ensure a level base plate and proper function of the Bird Waterer.
- At the point of installation of the concrete a 40mm sweep bend of PVC conduit will be located from the centre of pole and directed from the side to the direction of soil or water source. Tape over both ends of the conduit so no soil or concrete fills the pipe during the install.

Not for further distribution

vicpark.info/birdwaterers | (08) 9311 8111 (ask for the Urban Ecosystems Team) | admin@vicpark.wa.gov.au



Cockitrough®

Designed and Supplied by



Installation Guide for Cockitrough®



Mains water connection requires a licensed plumber to install

The recommended installation required within 2m of bird waterer are:

- 1419 Valve Box
- Battery operated solenoid valve (eg, Node, GreenApp)
- Isolation valve and Dual Check Valve (standard irrigation 'cut in' setup)
- Pressure reduction valve or PRV (if applicable). PRV can be installed directly downstream of the solenoid valve. Isolation ball valve or flow control on solenoid valve to be adjusted to restrict flow and pressure if pressure reduction valve is not used. Maximum pressure: 300kpa for internal LDPE pipe and fittings.



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Cockitrough®

Designed and Supplied by



Installation Guide for Cockitrough®

After installation

Water Flow:

- There may be water running down the pole after operation, this is normal and is a part of the flushing and self cleaning process.
- If this goes on for more than a few minutes, or if water is coming out of the bubblers in the troughs and it's spraying then the valve is open too much and the water pressure is too high.
- As above - flow needs to be reduced to minimise water spillage. Flow can be reduced by adjusting the valve to a 45 degree angle rather than fully open.
- To know when your Cockitrough is full, there will be water overflowing from each trough over the ends, let this happen for a minute to get any debris out of the troughs. Recommended filling up more often and more frequently in summer to keep water cool and refreshing.

Cockitrough® cleaning:

- A physical clean on the troughs done every 1-2 years or as necessary.
- Regular flowing water will reduce algae - if heavy algae is present recommendation is to clean and increase frequency of water refilling.

Testing:

- A test on each Cockitrough will be done to guarantee everything is in working condition on supply.
- After a test is conducted and proof is given, the Town will hold no responsibility to any damage done by improper installation.

Not for further distribution

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DRAWN LF

CHECK FH

SCALE
AS SHOWN ABOVE

SHEET
15 of 15
DRAWING NO.
LDD-201

ISSUE
5