

WALLGROVE BUSINESS HUB, Cecil Park, NSW 2178

Landscape Documentation for State Significant Development Application



IMAGE TAKEN FROM NEARMAP 2023

Drawing Register

Dwg No.	Drawing Name
SSD-00	Landscape Cover Sheet
SSD-01	Landscape Concept Master Plan (Ultimate)
SSD-02	Landscape & Canopy Cover Calculation
SSD-03	Stage 1 Landscape Detail Plan - Sheet 1
SSD-04	Stage 1 Landscape Detail Plan - Sheet 2
SSD-05	Stage 1 Landscape Detail Plan - Sheet 3
SSD-06	Landscape Sections
SSD-07	Specification, Details & Planting Matrices
SSD-08	Stage 1 Planting Schedule & Imagery



SITE PLAN

Drawing Title:
Landscape Cover Sheet
DWG No:

SSD-00

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Architect:
nettletontribe
architecture

Client:

Western Sydney Parklands

Scale:	Date:	Job Number:	North:	Revision				FOR SSD	
NTS	24.04.25	230926		Rev	Date	Description	Drawn	Checked	
				G	07.05.24	For SSD	PT	BG	
				H	14.05.24	For SSD	PT	BG	
				I	14.06.24	For SSD	PT	BG	
Project:	Wallgrove Business Hub			J	24.04.25	For SSD	PT	BG	
97-151 Wallgrove Rd, Cecil Park, NSW 2178									

NOT FOR CONSTRUCTION



THE FUTURE INDUSTRIAL BUILDINGS AND ASSOCIATED FACILITIES WILL BE SUBJECT TO SEPARATE FUTURE DEVELOPMENT APPLICATIONS (DAs) AND DO NOT FORM PART OF THIS APPLICATION.

LEGEND

SITE BOUNDARY

DEVELOPABLE AREA BOUNDARY

EXISTING TREES TO BE RETAINED

PROPOSED TREE AND 2M CANOPY OFFSET

STAGE 1 CANOPY COVERAGE

CONCEPT PROPOSAL CANOPY COVERAGE

Extent of Stage 1 Works

Extent of Concept Proposal

PROPOSED CANOPY COVER

Developable Area = 77,695m²

Total number of proposed trees (Stage 1 + Concept Proposal) = 161

Number of proposed trees in Stage 1 = 90

Canopy coverage in Stage 1 = 3936m²

Number of proposed trees in Concept Proposal = 71

Canopy coverage in Concept Proposal = 2439m²

CANOPY COVER IN DEVELOPABLE AREA (PROPOSED TREES + EXISTING TREES TO BE RETAINED) = 6,375m² = 8.21%

CANOPY COVER CALCULATION FOR BUSHFIRE (Ultimate Stage 1 + Concept Proposal)

Developable Area = 77,695m²

Building Area = 35,874m²

IPA Area (Developable Area - Building Area)= 41,820m²

CANOPY COVER IN IPA AREA (PROPOSED TREES + EXISTING TREES TO BE RETAINED) = 6,375m² = 15%

LANDSCAPE AREA CALCULATION (Ultimate Stage 1 + Concept Proposal)

Required Landscape Area Within Developable Area= 10%

TOTAL LANDSCAPE AREA WITHIN DEVELOPABLE AREA= 15,463m² = 20%

Drawing Title:
Landscape & Canopy Cover Calculation
DWG No:

SSD-02

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Scale:
1:650 @ A1
1:1300 @ A3

Date:
24.04.25

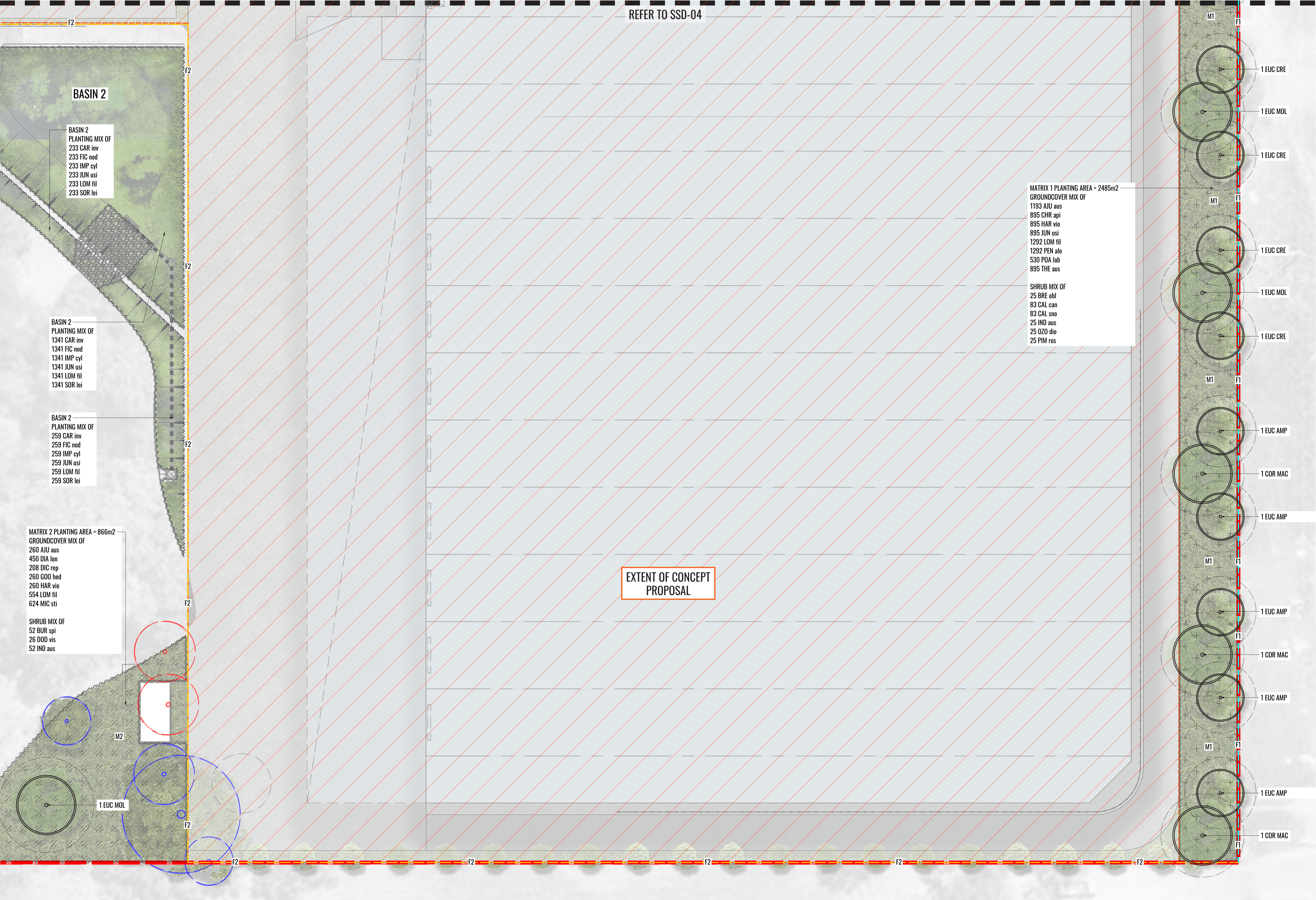
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LEGEND

SITE BOUNDARY

EXISTING TREES TO BE RETAINED

EXISTING TREES TO BE REMOVED

PROPOSED TREES

MASS HEDGE/SHRUB PLANTING

PROPOSED GROUNDCOVER PLANTING

ROAD

HARDSTAND

M1

MATRIX PLANTING 1. REFER TO SSD-07 FOR DETAILS

M2

MATRIX PLANTING 2. REFER TO SSD-07 FOR DETAILS

M3

MATRIX PLANTING 3. REFER TO SSD-07 FOR DETAILS

M4

MATRIX PLANTING 4. REFER TO SSD-07 FOR DETAILS

T

TURF

AW1

ACOUSTIC WALL 1 - 4.5m HIGH ACOUSTIC WALL TO ENGINEERS DETAILS

AW2

ACOUSTIC WALL 2 - 1.8m HIGH ACOUSTIC WALL TO ENGINEERS DETAILS

F1

2.1m HIGH BLACK POWDERCOATED PALISADE FENCE

F2

1.8m HIGH BLACK CHAINLINK FENCE WITH 3 ROWS OF BARBED WIRE (TOTAL HEIGHT 2.1m)

PROPOSED STORMWATER EASEMENT

EXTENT OF CONCEPT PROPOSAL

1 EUC CRE

1 EUC MOL

1 EUC CRE

1 EUC CRE

1 EUC CRE

1 EUC MOL

1 EUC CRE

1 EUC CRE

1 EUC AMP

1 COR MAC

1 EUC AMP

1 EUC AMP

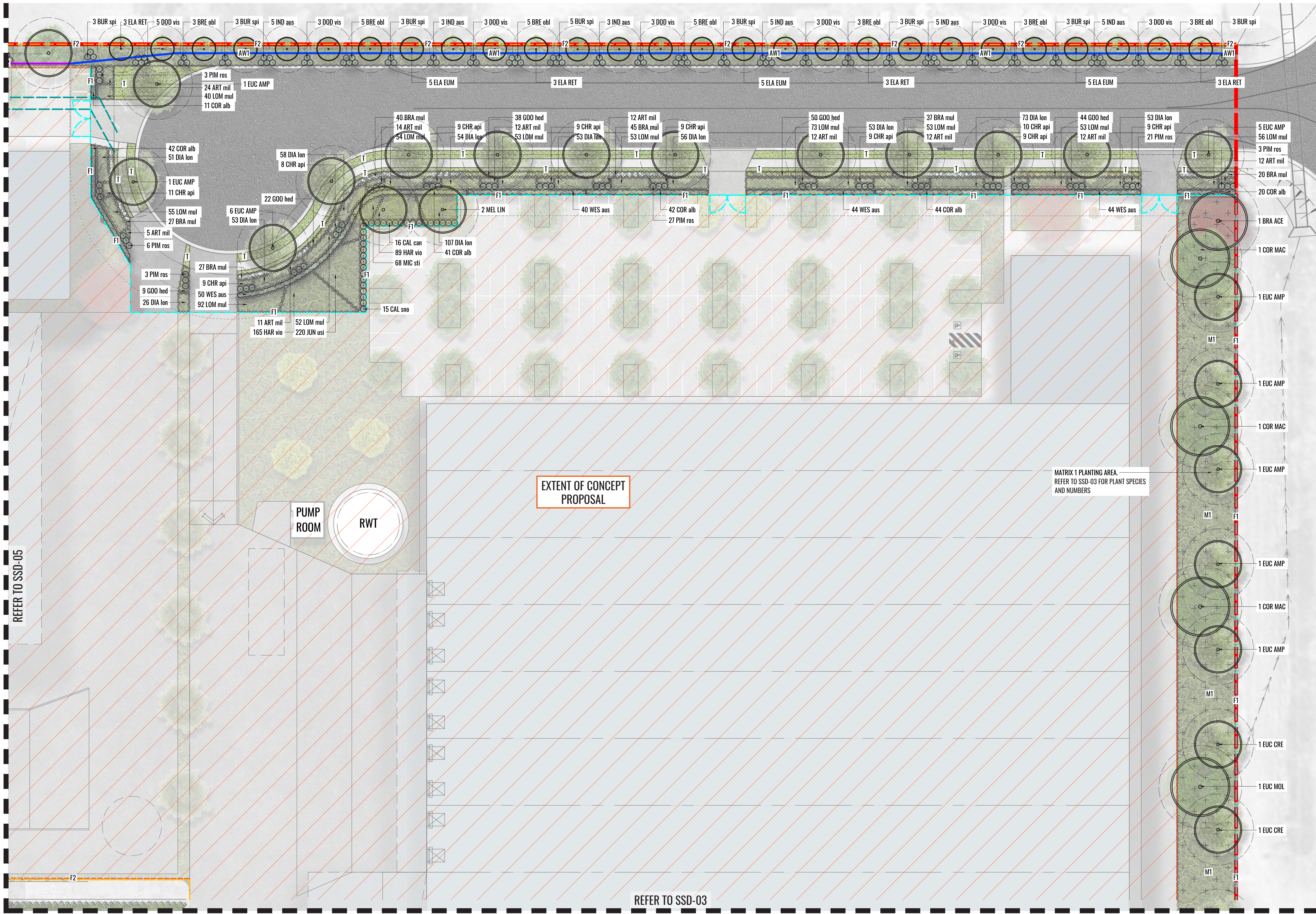
1 COR MAC

1 EUC AMP

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THE FUTURE INDUSTRIAL BUILDINGS AND ASSOCIATED FACILITIES WILL BE SUBJECT TO SEPARATE FUTURE DEVELOPMENT APPLICATIONS (DAs) AND DO NOT FORM PART OF THIS APPLICATION.



LEGEND

- SITE BOUNDARY
- EXISTING TREES TO BE RETAINED
- EXISTING TREES TO BE REMOVED
- PROPOSED TREES
- MASS HEDGE/SHRUB PLANTING
- PROPOSED GROUNDCOVER PLANTING
- ROAD
- HARDSTAND
- M1 MATRIX PLANTING 1. REFER TO SSD-07 FOR DETAILS
- M2 MATRIX PLANTING 2. REFER TO SSD-07 FOR DETAILS
- M3 MATRIX PLANTING 3. REFER TO SSD-07 FOR DETAILS
- M4 MATRIX PLANTING 4. REFER TO SSD-07 FOR DETAILS
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- ACOUSTIC WALL 1 - 4.5m HIGH ACOUSTIC WALL TO ENGINEERS DETAILS
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- 2.1m HIGH BLACK POWDERCOATED PALISADE FENCE
- F1
- 1.8m HIGH BLACK CHAINLINK FENCE WITH 3 ROWS OF BARBED WIRE (TOTAL HEIGHT 2.1m)
- F2
- PROPOSED STORMWATER EASEMENT
- EXTENT OF CONCEPT PROPOSAL

THE FUTURE INDUSTRIAL BUILDINGS AND ASSOCIATED FACILITIES WILL BE SUBJECT TO SEPARATE FUTURE DEVELOPMENT APPLICATIONS (DAs) AND DO NOT FORM PART OF THIS APPLICATION.

Drawing Title:

Stage 1 Landscape Detail Plan - Sheet 2

DWG No:

SSD-04

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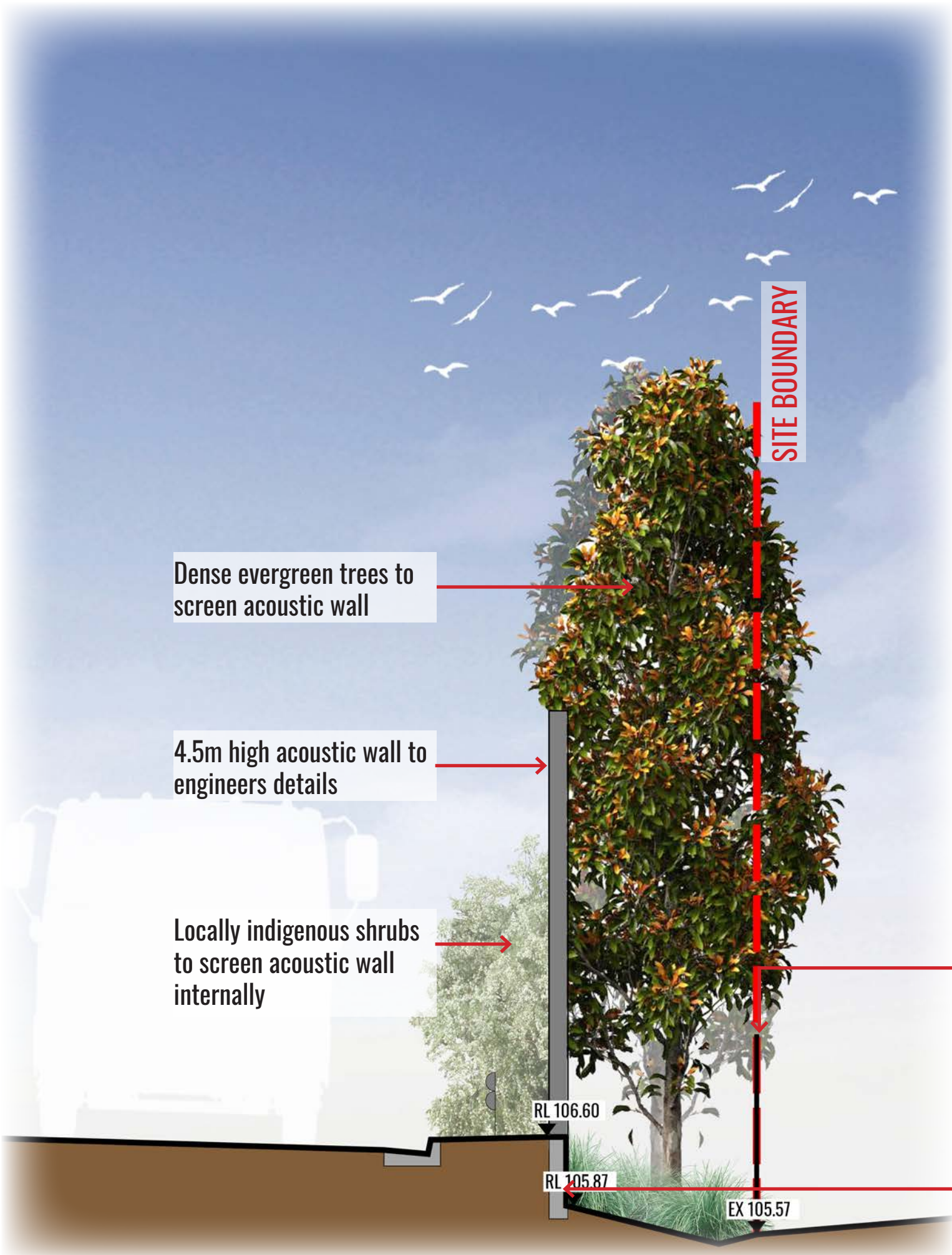
North:
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Project:

Wallgrove Business Hub
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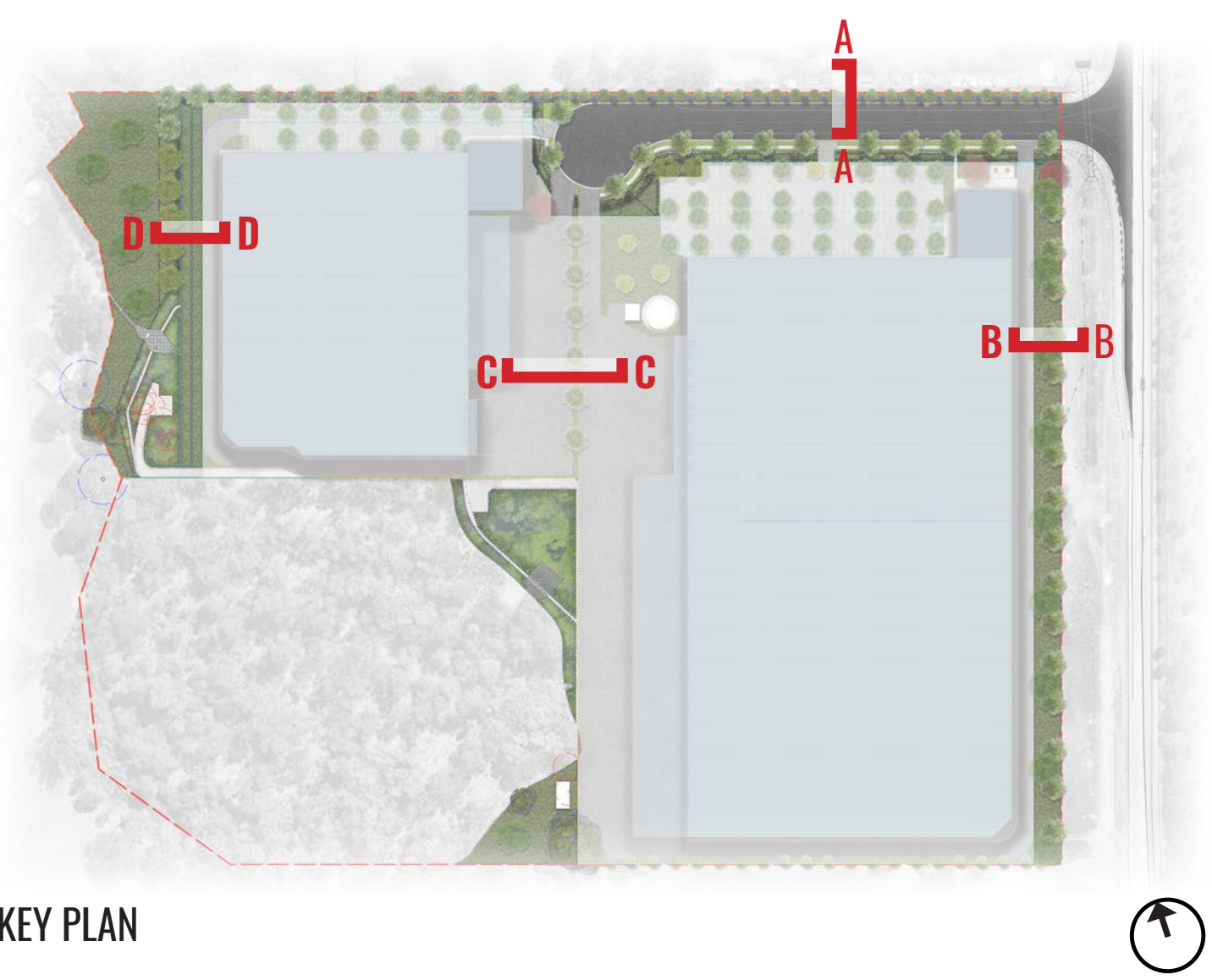
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1 SECTION AA - STAGE 1 NORTHERN RETAINING WALL SCALE 1:50



2 SECTION BB - STAGE 1 STREET FRONTAGE SCALE 1:50

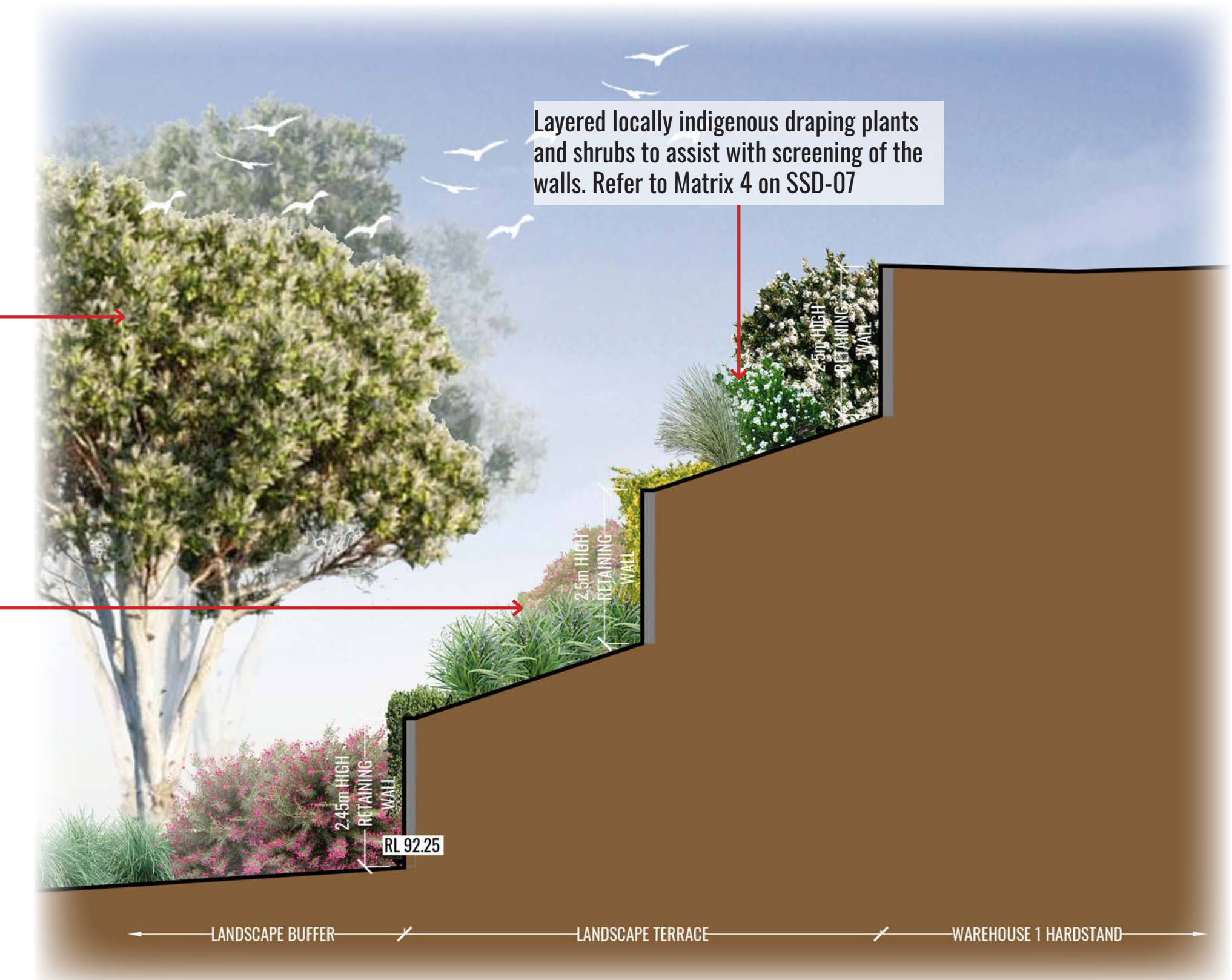


KEY PLAN

THE FUTURE INDUSTRIAL BUILDINGS AND ASSOCIATED FACILITIES WILL BE SUBJECT TO SEPARATE FUTURE DEVELOPMENT APPLICATIONS (DAs) AND DO NOT FORM PART OF THIS APPLICATION.



3 SECTION CC - CONCEPT PROPOSAL SCALE 1:75



4 SECTION DD - TERRACED WALL SCALE 1:75

MAINTENANCE PLAN

Maintenance shall mean the care and maintenance of the landscape works by accepted horticultural practice as rectifying any defects that become apparent in the landscape works under normal use. The landscape contractor shall attend the site on a **weekly basis** to maintain the landscape works commencing from practical completion.

Rubbish Removal

The Landscape Contractor shall undertake rubbish removal from the site on a **weekly basis** to ensure the site remains in tidy condition.

Weed Eradication

Weed growth that may occur in grassed, planted or mulched areas is to be removed using environmentally acceptable methods i.e. non-residual glyphosate herbicide (e.g. 'Roundup', applied in accordance with the manufacturer's direction.

Tree Replacement

Trees shall show signs of healthy vigorous growth and be free from disease and not exhibit signs of stress prior to handover to the client. Any trees or plant that die or fail to thrive, or are damaged or stolen will be replaced. Replacement material shall have the initial maintenance period extended in accordance with the landscape contract conditions. Trees and plant materials shall be equal to the minimum requirements of species specified and approved material delivered to site. Should the condition decline from the approved sample the Superintendent reserves the right to reject the tree / plants. Frequency: as required.

Stakes

Adjust and/or replace stakes and ties where required. Remove staking and guying when instructed by the Superintendent

Pruning

Selective pruning may be required during the establishment period to promote a balanced canopy structure. These activities shall be carried out to the best horticultural and industry practice. All pruned material is to be removed from site.

Mulched Surfaces

All planter beds and garden areas shall have a minimum depth of 75mm organic mulch. All mulch is to be free of deleterious matter such as soil, weeds, sticks and should conform to AS 4454. Mulched surfaces are to be kept clean and tidy and free of any deleterious material and foreign matter. Reinstate depths to a uniform level of 75mm with mulch as specified, mulch to be free of any wood material impregnated with CCA or similar toxic treatment. Top up mulch levels prior to handover to client & estate management.

Watering

Implement an appropriate hand watering regime in areas not irrigated in association with current watering programme to maintain plant health and vigour. The program shall reflect seasonal conditions and plant species. Frequency: Weekly or as required.

Soil In Natural Ground

Non-Australian native garden beds to have soil installed consisting of 50% existing site topsoil and 50% new topsoil equal or equivalent to 'Organic Garden Mix' as supplied by Australian Native Landscapes. Australian native garden beds to have soil installed consisting of 50% existing site topsoil and 50% new topsoil equal or equivalent to 'Native Low 'P' Mix' as supplied by Australian Native Landscapes. Soil to conform to AS4419 refer to typical detail.

Pest and Disease Control

The Landscape Contractor shall spray for pests and disease infestations when the pest and fungal attack has been positively identified and when their populations have increased to a point that will become detrimental to plant growth. Apply all pesticides to manufacturer's directions. Frequency: weekly inspection

Fertilising

Generally check for signs of nutrient deficiencies (yellowing of leaves, failure to thrive), and adapt fertiliser regime to suit. Fertiliser should be applied at the beginning and the end of the (summer) growing season.

Irrigation

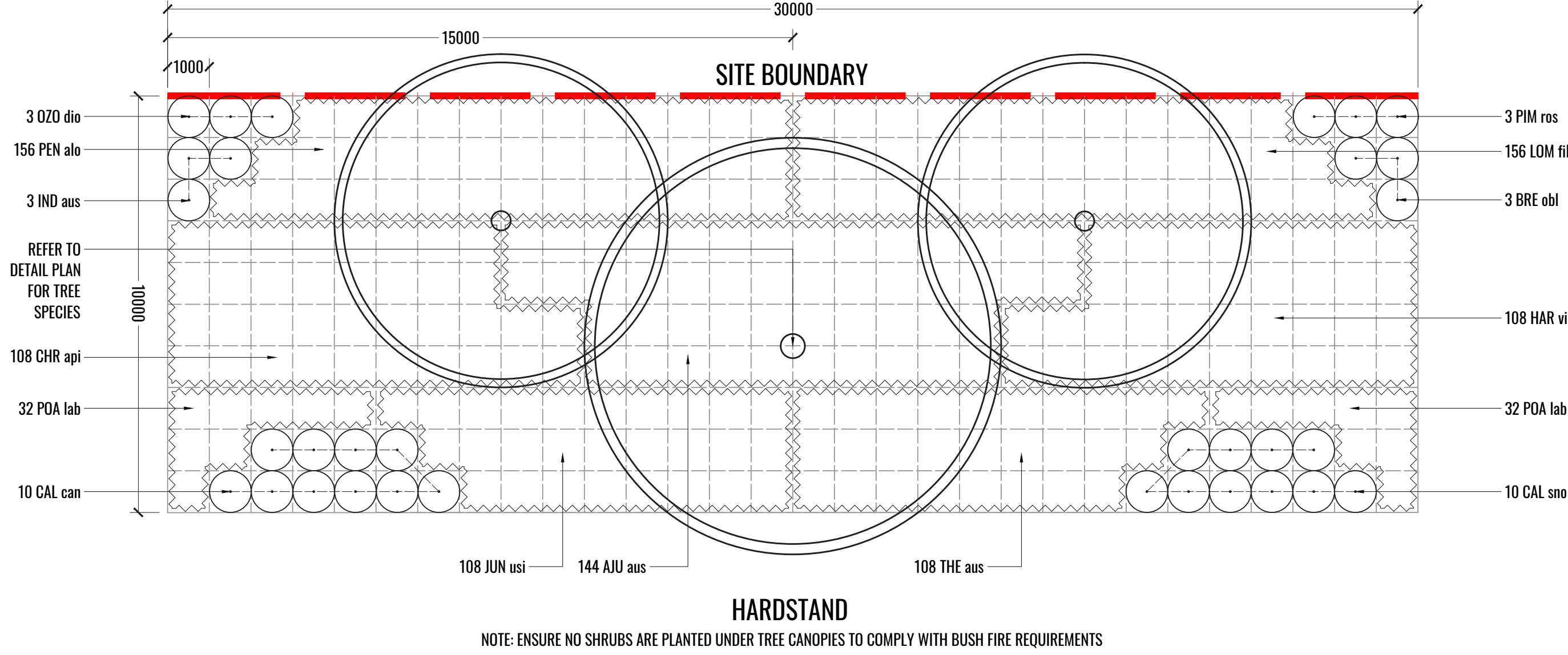
A temporary irrigation style is recommended to garden beds in Stage 1. A sub surface dripper style, electrically automated self timed irrigation system is recommended to be supplied to all garden bed areas in Concept Proposal. Regular checks are to be made to ensure continued successful operation. The Landscape Contractor shall be responsible for coordination and engagement of a specialist irrigation designer and installation contractor to design, supply and install an automatic subterranean drip irrigation system to all raised planter beds. The irrigation system will need to provide designated landscaped areas with enough water for vigorous healthy plant growth. As a general rule landscaped areas will need 20-25mm, species dependant, of water per week. The landscape Contractor will need to monitor natural rainfall using a rain switch in order to set irrigation flow rates accordingly on a monthly basis.

Planter Box

The waterproofing membrane is to be sealed to the drainage outlet and exted vertically to a height of 100mm above the soil or fill level. A protection board should be installed to minimise root damage to the membrane. The internal fall in the planter box should be a minium of 1:100 and a suitable safety overflow should be provided. Externally exposed walls of the planter boxes should be waterproofed to prevent failure of the internal membrane.

Standards

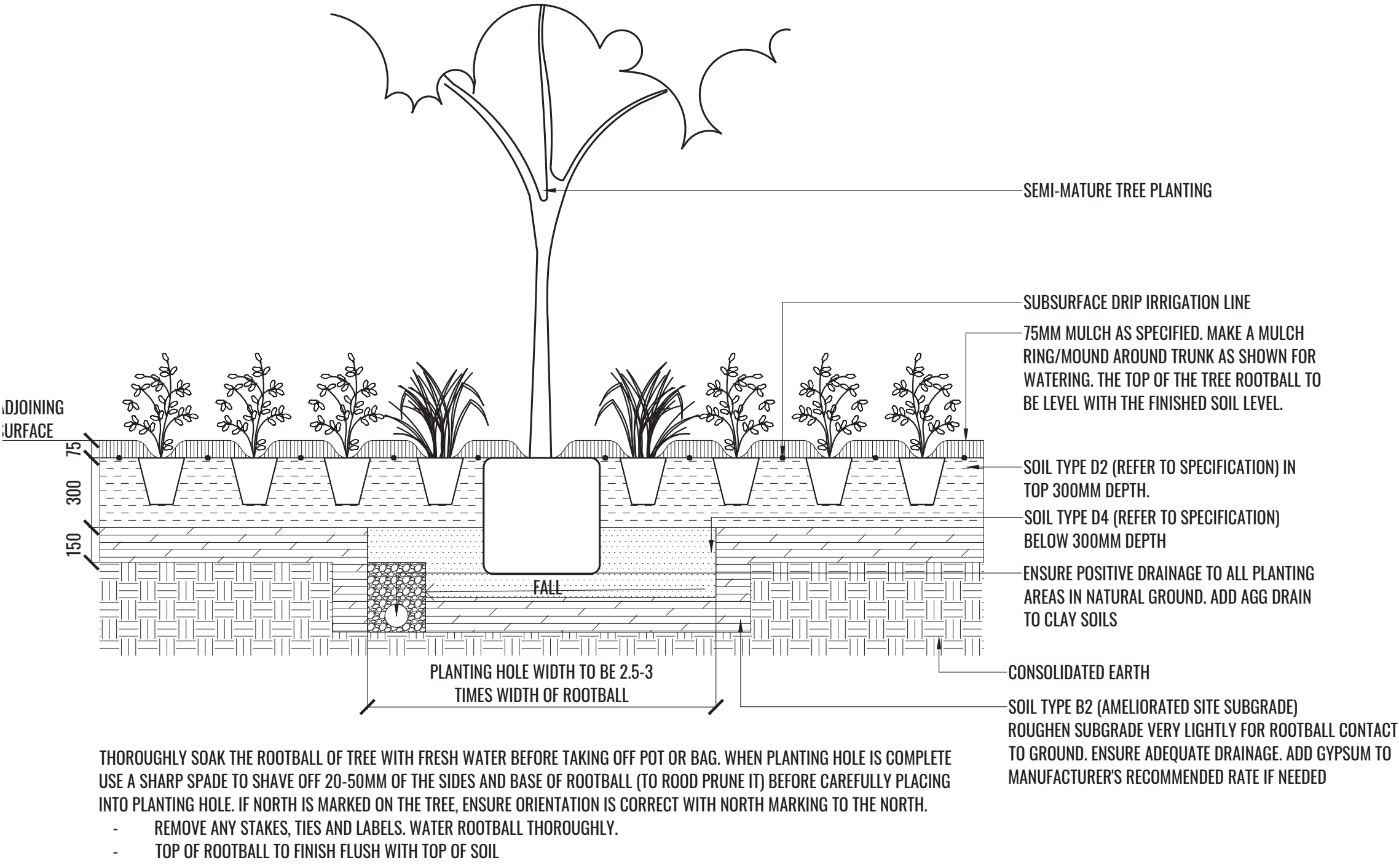
All grown or purchased plant stock must conform to all the conditions and requirements given in NATSPEC Guide: Specifying Trees. Soils to be in accordance with AS4419, mulching composts and conditioners to be in accordance with AS4454. Soils should conform to best practice specifications as listed in the Landscape Soils Handbook (Simon Leake & Elke Haege 2017).



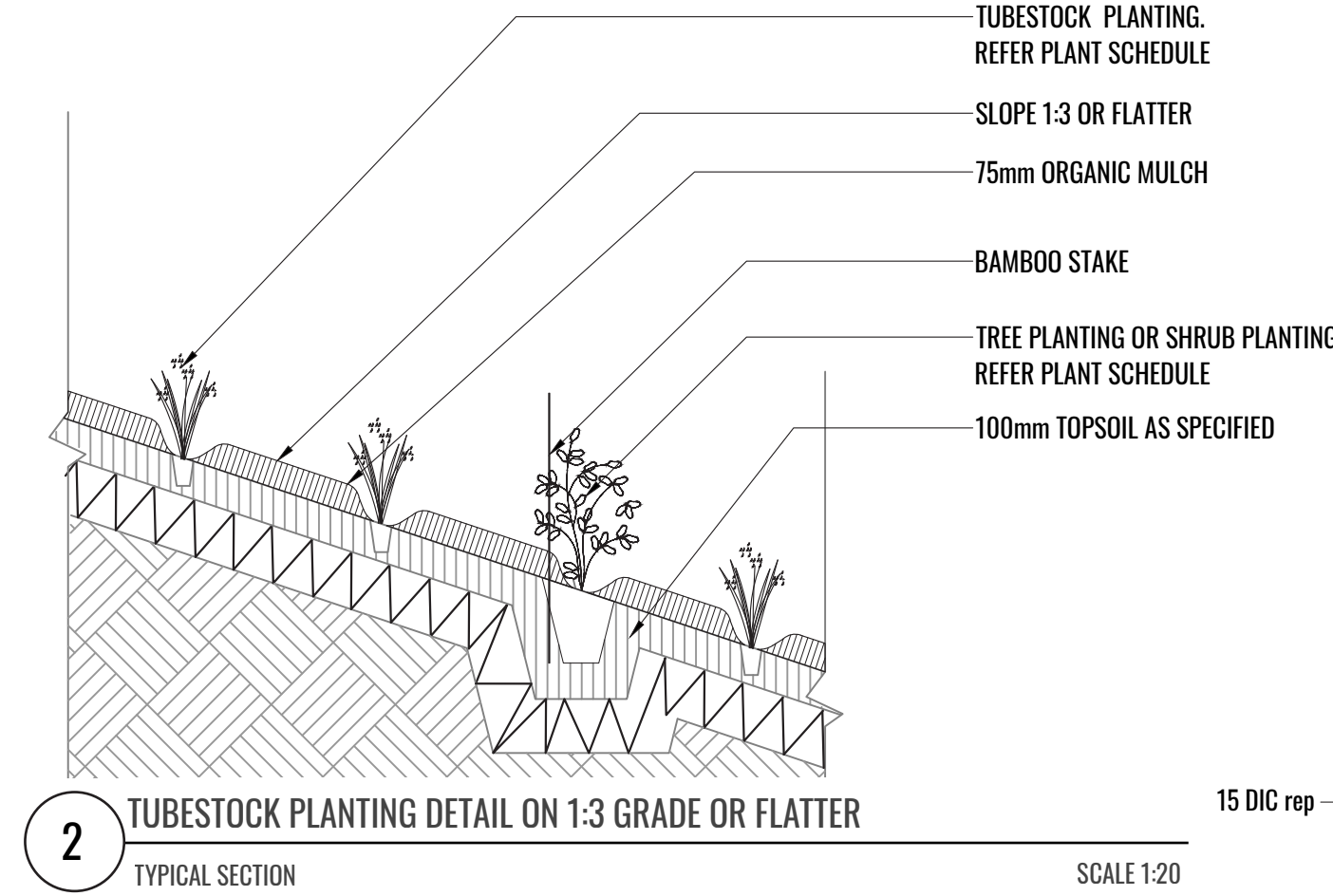
3 PLANTING MATRIX 1 - 10M LANDSCAPE FRONT SETBACK
TYPICAL SECTION SCALE 1:100

TYPICAL LANDSCAPE DETAILS

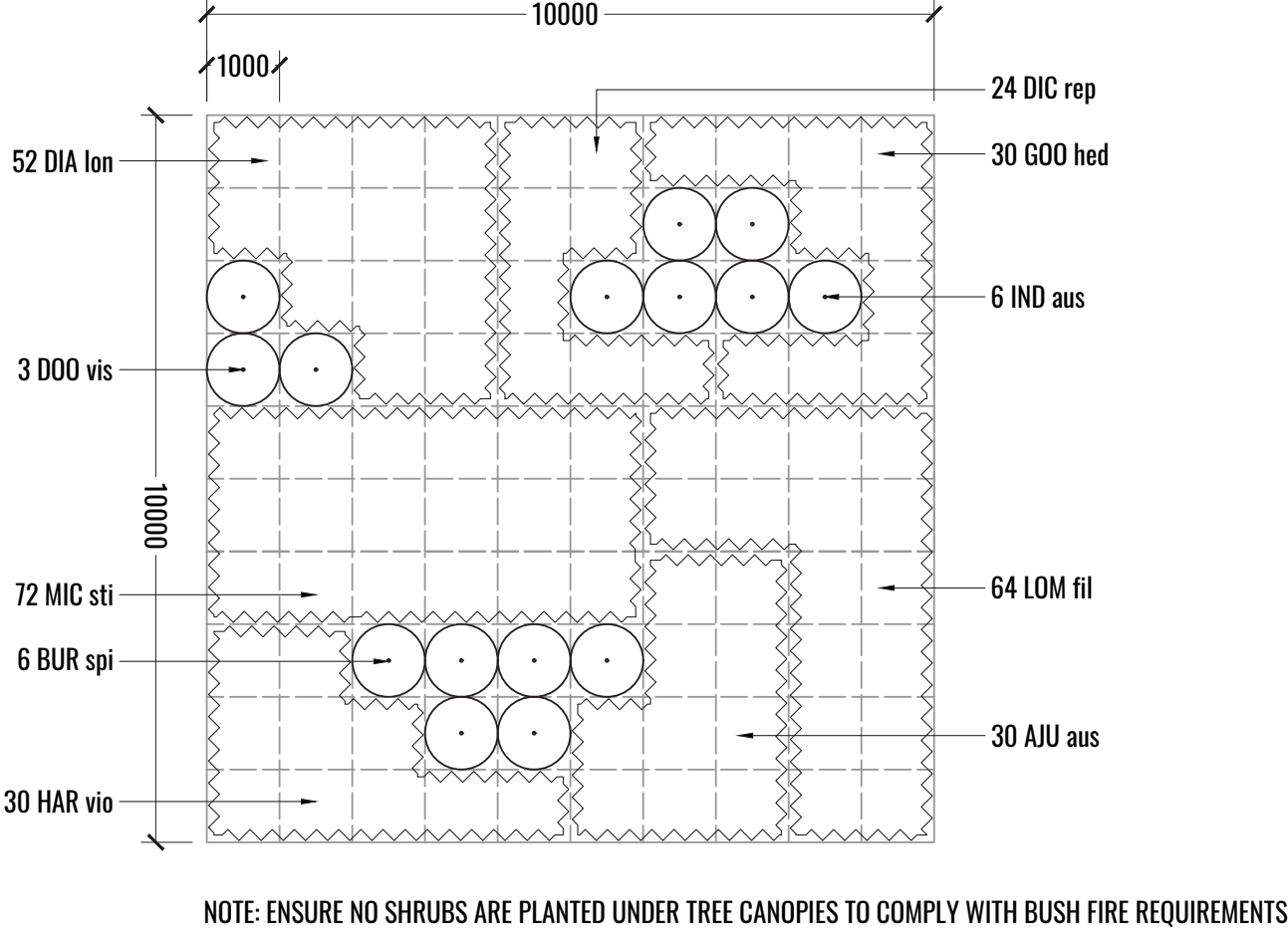
TREE/SHRUB SIZE AND QUALITY TO BE TO NATSPEC STANDARD. SPECIES IS TO BE AS PER PLAN AND PLANT SCHEDULE. ENSURE ONLY HEALTHY AND VIGOROUS, DISEASE FREE, WELL MAINTAINED PLANTS ARE USED. TAKE CARE TO ENSURE FOLIAGE, BRANCHES, TRUNKS AND ROOT CROWNS ARE NOT DAMAGED BEFORE, DURING AND AFTER PLANTING. ENSURE OPTIMUM MAINTENANCE AND ESTABLISHMENT OF TREES/SHRUBS OCCURS AS SOON AS THEY ARE AT SITE



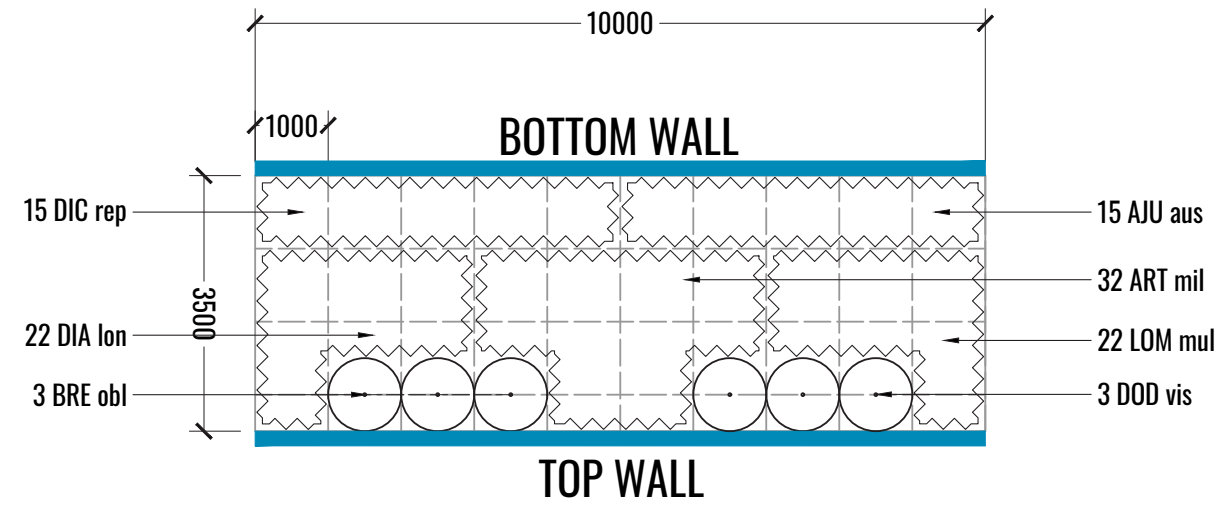
1 MASS PLANTING AND TREE DETAIL
TYPICAL SECTION SCALE 1:20



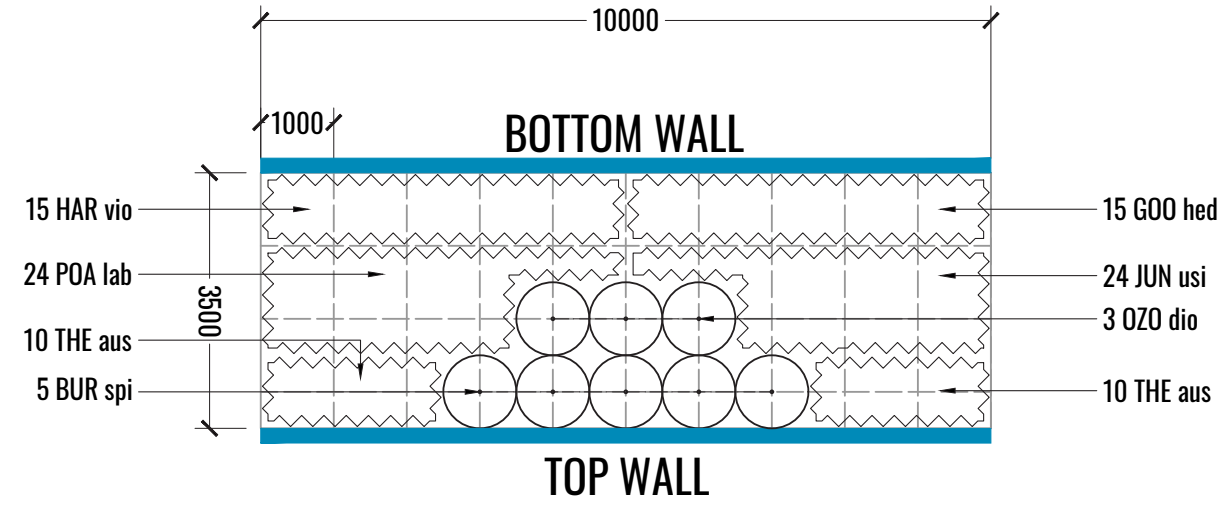
2 TUBESTOCK PLANTING DETAIL ON 1:3 GRADE OR FLATTER
TYPICAL SECTION SCALE 1:20



4 PLANTING MATRIX 2 - REAR LANDSCAPE
TYPICAL SECTION SCALE 1:100



5 PLANTING MATRIX 3 - LOWER TERRACE
TYPICAL SECTION SCALE 1:100



6 PLANTING MATRIX 4 - HIGHER TERRACE
TYPICAL SECTION SCALE 1:100

Drawing Title:

Specification, Details & Planting Matrices

DWG No: SSD-07

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Wallgrove Business Hub
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STAGE 1 PLANTING SCHEDULE

CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT	INSTALL SIZE	PLANTING DENSITY	CUMBERLAND PLAIN WOODLAND	NATIVE	QTY**
Trees								
BRA ACE	Brachychiton acerifolius	Illawarra Flame Tree	15-20m	75LT	As Shown		✓	1
COR MAC	Corymbia maculata	Spotted Gum	30m	75LT	As Shown	✓	✓	6
ELA EUM	Elaeocarpus eumundi	Native Quandong	7m	75LT	As Shown		✓	15
ELA RET	Elaeocarpus reticulatus	Blueberry Ash	9m	75LT	As Shown		✓	12
EUC AMP	Eucalyptus amplifolia	Cabbage Gum	30m	75LT	As Shown	✓	✓	23
EUC CRE	Eucalyptus crebra	Grey Ironbark	35m	75LT	As Shown	✓	✓	6
EUC MOL	Eucalyptus moluccana	Grey Box	30m	75LT	As Shown	✓	✓	4
MEL LIN	Melaleuca linariifolia	Snow in Summer	10m	75LT	As Shown		✓	7
MEL QUI	Melaleuca quinquenervia	Broad-Leaved Paperbark	20m	75LT	As Shown		✓	5
WAT FLO	Waterhousea floribunda	Weeping Lilly Pilly	15m	75LT	As Shown		✓	11
Shrubs								
BRE obl	Breynia oblongifolia	Coffee Bush	2-3m	300mm	As Shown	✓	✓	119
BUR spi	Bursaria spinosa	Sweet Bursaria	3-4m	300mm	As Shown	✓	✓	323
COR alb	Correa alba	White Correa	0.8m*	300mm	As Shown OR 500mm Ctrs		✓	200
CAL can	Callistemon 'Candy Burst'	Pink Bottlebrush	1m	300mm	As Shown		✓	99
CAL sno	Callistemon 'Snow Burst'	White Bottlebrush	0.8m	300mm	As Shown		✓	98
DOD vis	Dodonaea viscosa	Hopbush	2.5m	300mm	As Shown	✓	✓	186
IND aus	Indigofera australis	Australian Indigo	2m	300mm	As Shown	✓	✓	290
OZO dio	Ozothamnus diosmifolius	Rice Flower	1.5m	300mm	As Shown	✓	✓	67
PIM ros	Pimelea rosea	Rice Flower	0.5-1m	300mm	As Shown		✓	88
WES aus	Westringia fruticosa 'Aussie Box'	Coastal Rosemary	0.8m	300mm	As Shown OR 500mm Ctrs		✓	178
Grasses & Groundcovers								
AJU aus	Ajuga australis	Australian Bugle	0.5m	140mm	3/m2	✓	✓	2502
ART mil	Arthropodium milleflorum	Pale Vanilla Lily	1m	140mm	4/m2	✓	✓	578
BRA mul	Brachyscome multifida 'White Bliss'	Native Daisy	0.2m	140mm	3/m2 OR 2/m2		✓	196
CHR api	Chrysocephalum apiculatum	Yellow Buttons	0.5m	140mm	3/m2	✓	✓	987
DIA lon	Dianella longifolia	Pale flax lily	0.6m	Tubestock	4/m2	✓	✓	4600
DIC rep	Dichondra repens	Kidney Weed	0.1m	140mm	3/m2	✓	✓	1090
GOO hed	Goodenia hederacea	Goodenia	0.3m	140mm	3/m2 OR 2/Lm	✓	✓	1471
HAR vio	Hardenbergia violacea	Purple Coral Pea	1.5m	140mm	3/m2	✓	✓	2457
JUN usi	Juncus usitatus	Common Rush	1.2m	Tubestock	4/m2	✓	✓	1453
LOM fil	Lomandra filiformis	Wattle Mat Rush	0.8m	Tubestock	4/m2 OR 4/Lm	✓	✓	8213
LOM mul	Lomandra multiflora subsp. Multiflora	Many Flowered Mat-Rush	0.75m	Tubestock	4/m2	✓	✓	2696
MIC sti	Microlaena stipoides	Weeping grass	0.75m	Tubestock	4/m2	✓	✓	4453
PEN alo	Pennisetum alopecuroides 'Nafray'	Foxtail Grass	0.7m	Tubestock	4/m2		✓	1292
POA lab	Poa labillardieri var. labillardierei	Tussock Grass	1.2m	Tubestock	4/m2	✓	✓	868
THE aus	Themeda australis	Kangaroo Grass	1.5m	Tubestock	4/m2	✓	✓	1176
Total						33568	35770	35770
% of Total number of plants						94%	100%	

* To be trimmed to height indicated

** Total plant quantities to be confirmed at Construction Certificate stage

STAGE 1 BASIN PLANTING SCHEDULE

CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT	INSTALL SIZE	PLANTING DENSITY	CUMBERLAND PLAIN WOODLAND	NATIVE	QTY**
Grasses								
CAR inv	Carex inv	Knob Sedge	0.5m	Tubestock	8/m2	✓	✓	2830
FIC nod	Ficinia nodosa	knotted club-rush	1m	Tubestock	8/m2		✓	2830
IMP cyl	Imperata cylindrica	Cogon Grass	1m	Tubestock	8/m2		✓	2830
JUN usi	Juncus usitatus	Common Rush	1.2m	Tubestock	8/m2	✓	✓	2830
LOM fil	Lomandra filiformis	Wattle Mat-Rush	0.3m	Tubestock	8/m2	✓	✓	2830
SOR lei	Sorghum leiocladum	Wild Sorghum	1m	Tubestock	8/m2	✓	✓	2830
Total						11320	16980	16980
% of Total number of plants						67%	100%	

** Total plant quantities to be confirmed at Construction Certificate stage

PLANT IMAGES



Drawing Title:

Stage 1 Planting Schedule & Imagery

DWG No:

SSD-08

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