

Snack Brands Horizon Stage 2 - Industrial Development

685-649 Mamre Road, Orchard Hills, NSW 2748

Landscape Documentation for State Significant Documentation Application

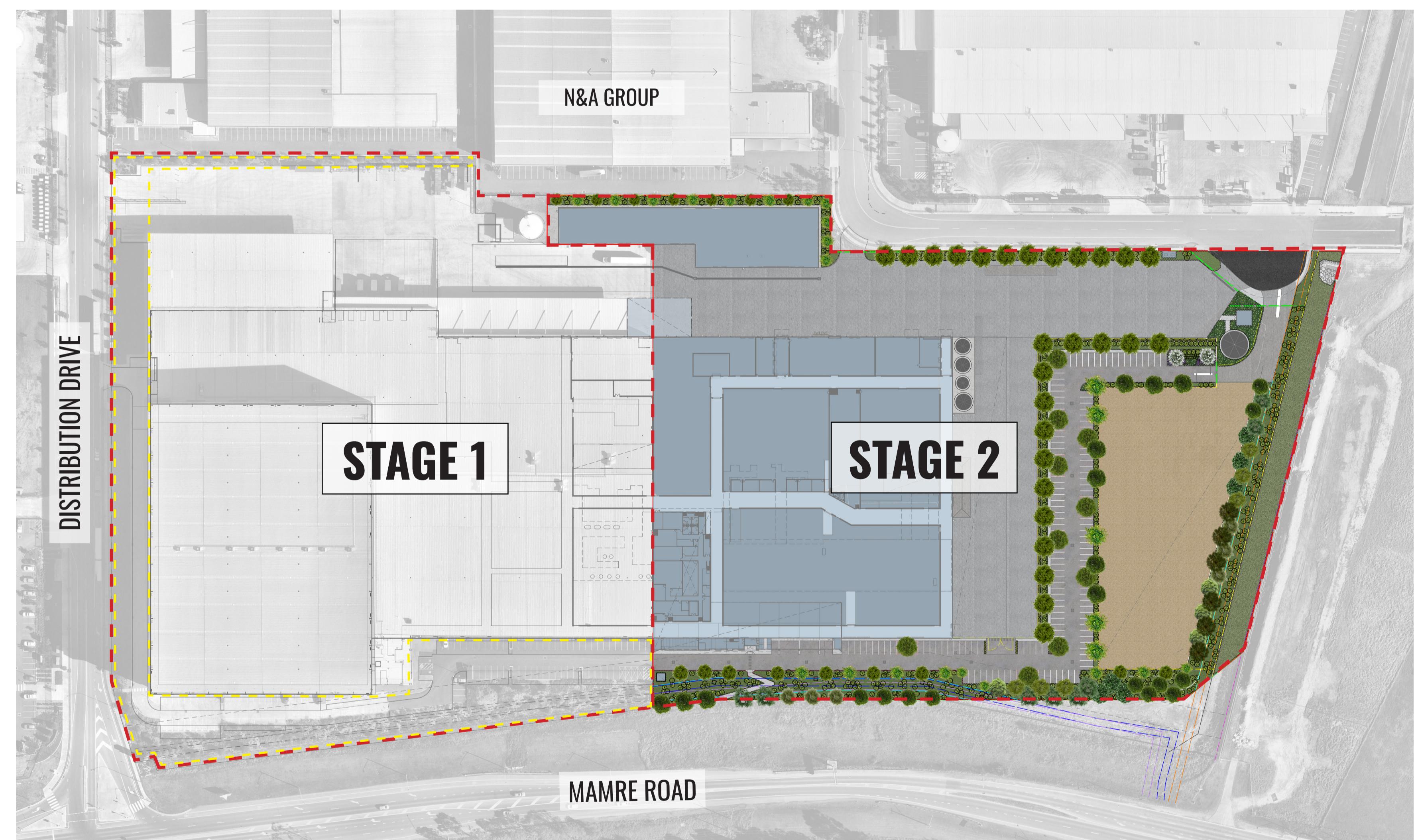


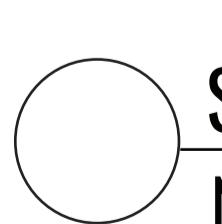
IMAGE TAKEN FROM NEARMAP 2021

Drawing Register

Dwg No. Drawing Name

- SSD-00 Landscape Cover Sheet
- SSD-01 Landscape Plan
- SSD-02 Landscape Detail Plan
- SSD-03 Landscape Sections
- SSD-04 Typical Landscape Details
- SSD-05 Typical Detail & Specifications
- SSD-06 Planting Schedule & Imagery



 SITE PLAN
NTS

Drawing Title:

Landscape Cover Sheet

DWG No:

SSD-00

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Architect:

hlc architects

Project Manager:

TMX
tomorrow

Client:

snackbrands
AUSTRALIA

Scale:
1:800 @ A1
1:1600 @ A3

Date:
27.10.21

Job Number:
210222

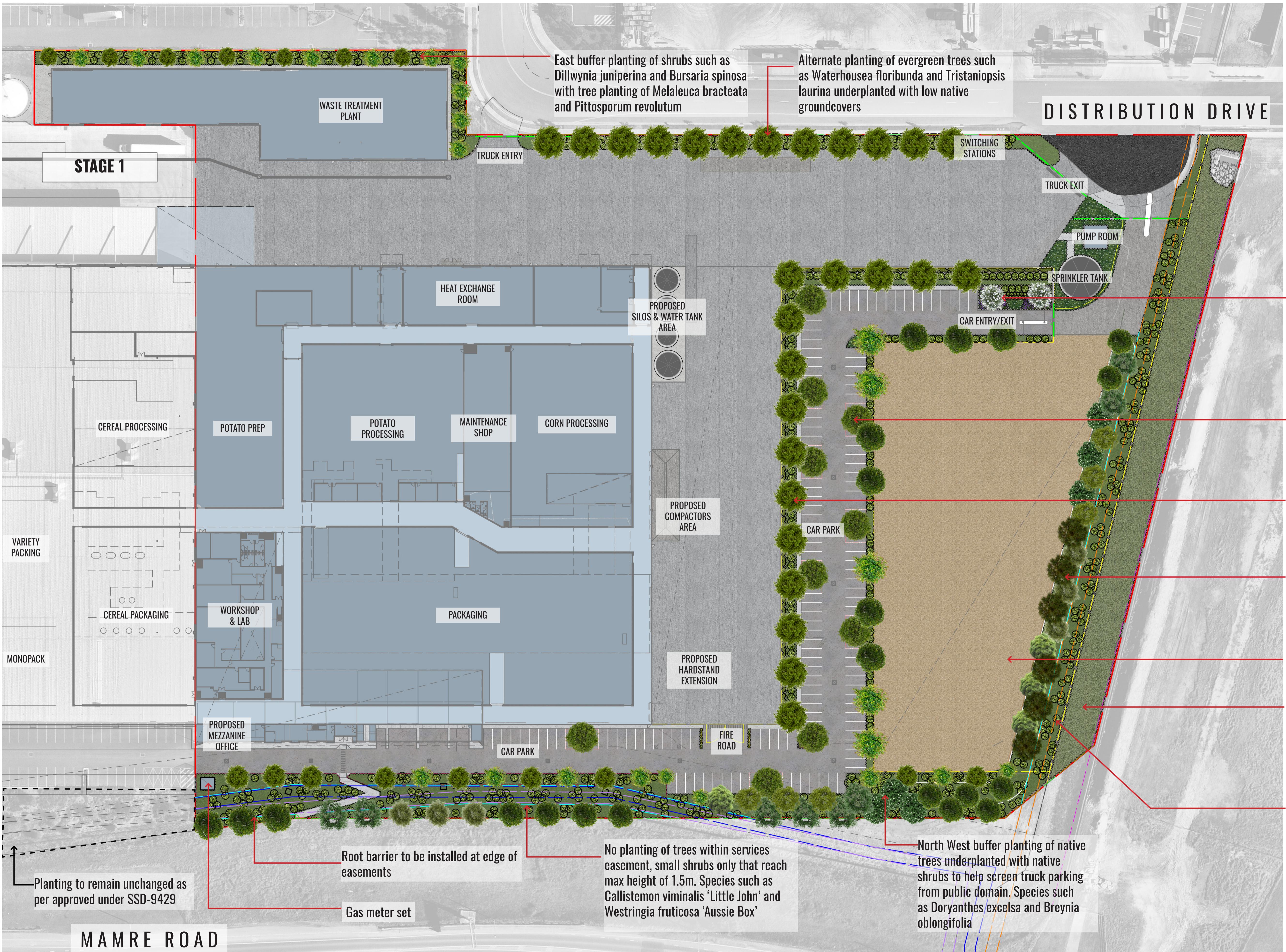
North:


Project:

Snack Brands Horizon

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FOR SSD APPLICATION				
Rev	Date	Description	Drawn	Checked
A	09.06.21	FOR SSD	KC	BG
B	22.06.21	FOR SSD	KC	BG
C	02.07.21	FOR SSD	KC	BG
D	27.10.21	FOR SSD - RTS	KC	BG



Drawing Title:
Landscape Plan
DWG No:

SSD-01

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Architect: **hlc** architects

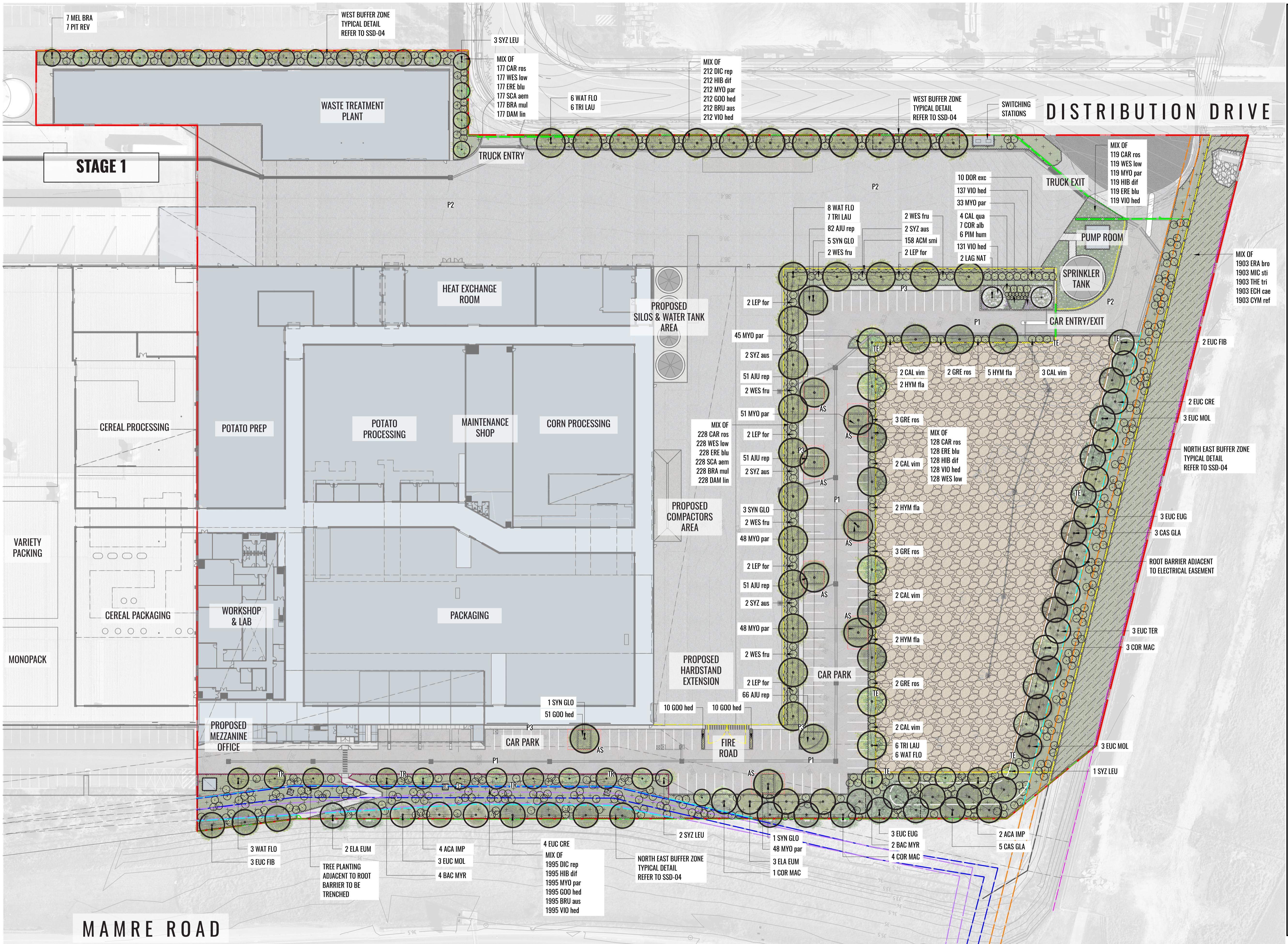
Project Manager: **TMX** invent tomorrow

Client: **snackbrands** AUSTRALIA

Scale: 1:500 @ A1 Date: 27.10.21 Job Number: 210222 North: Revision

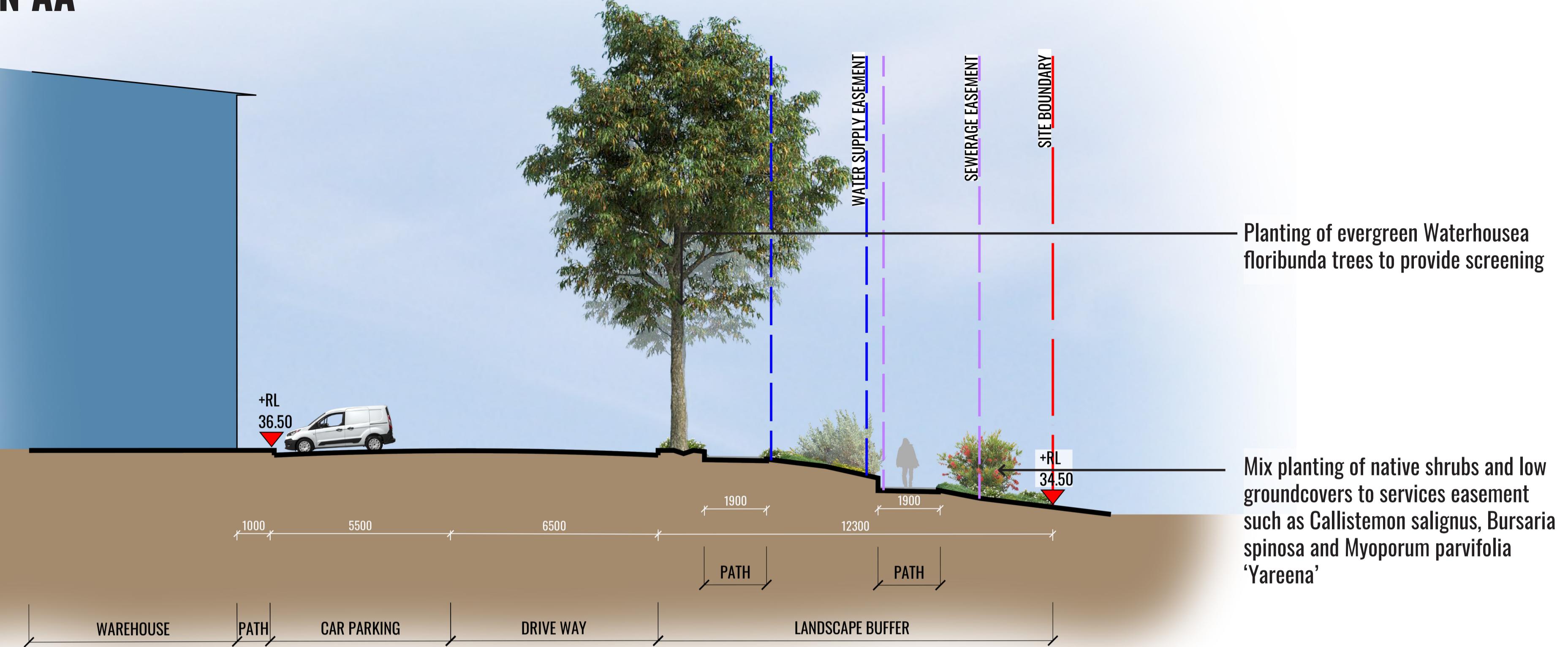
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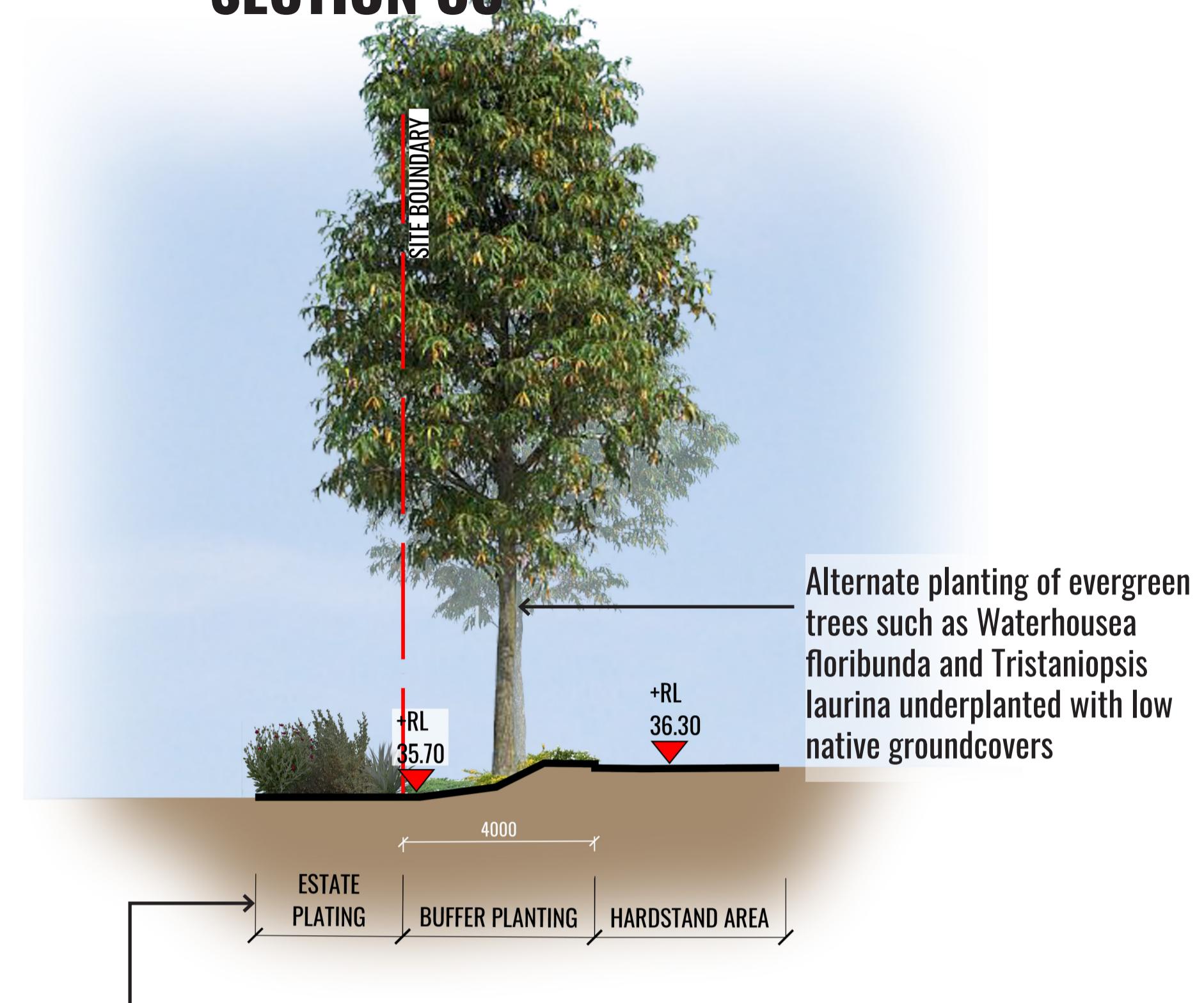


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SECTION AA

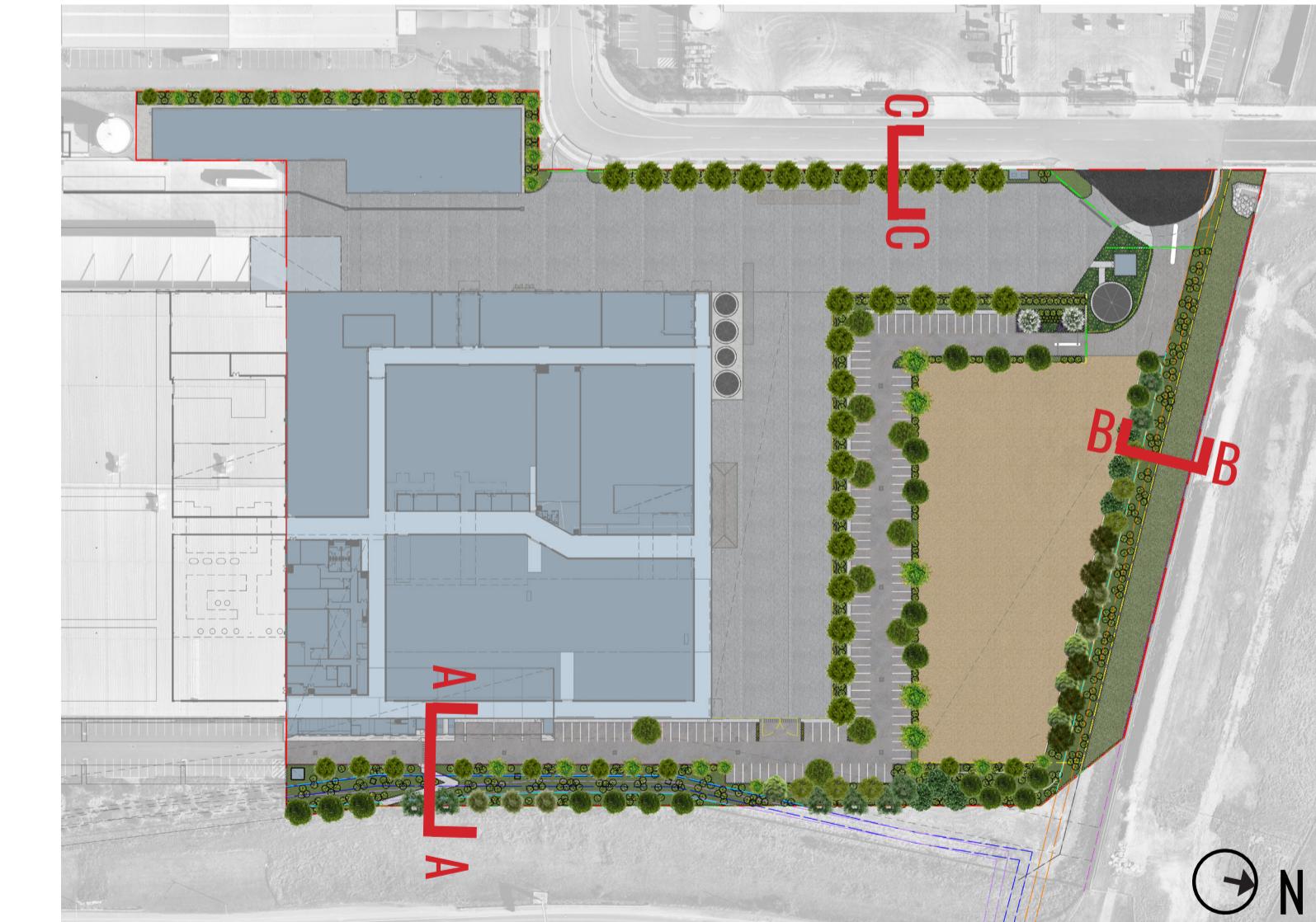
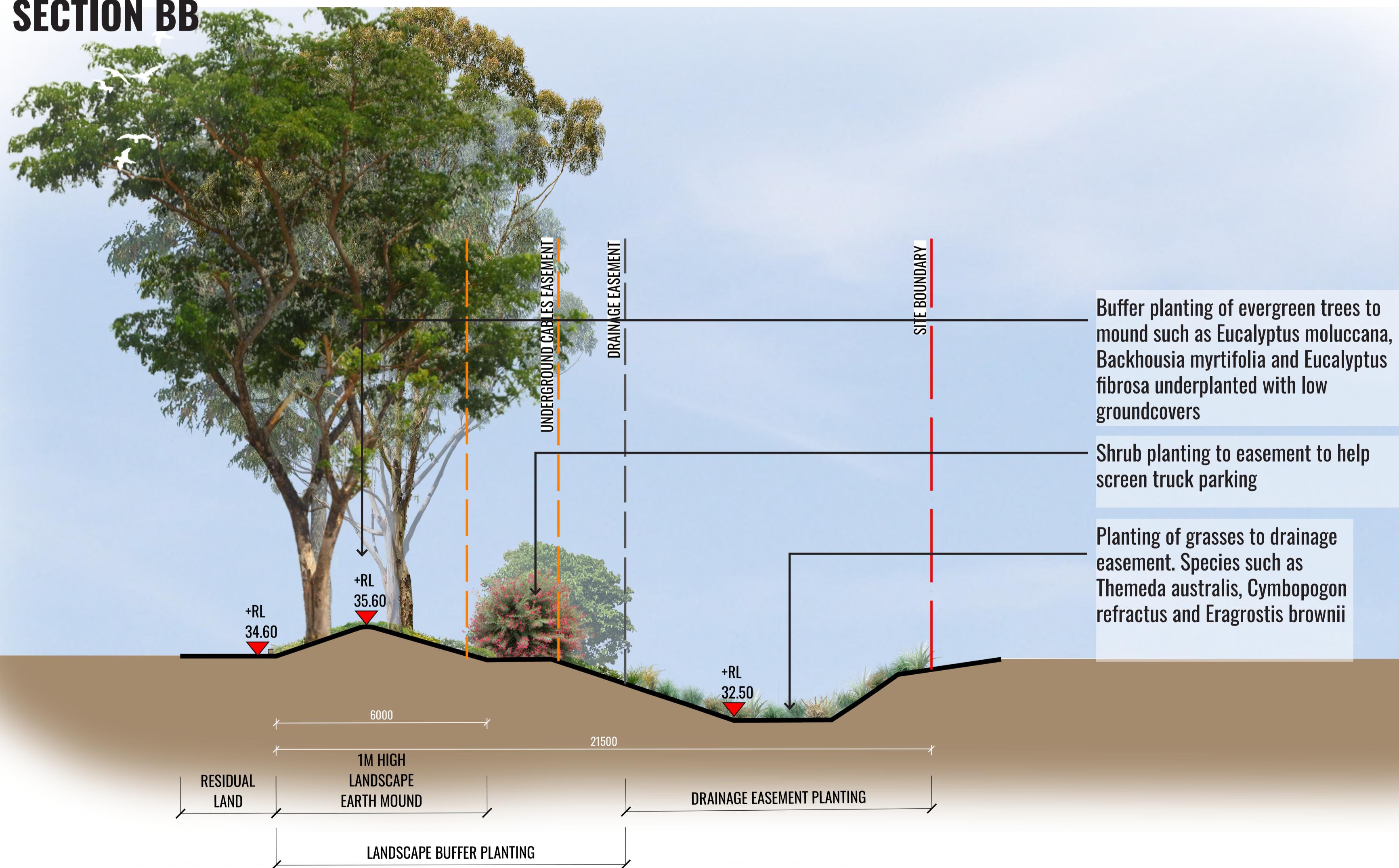


SECTION CC



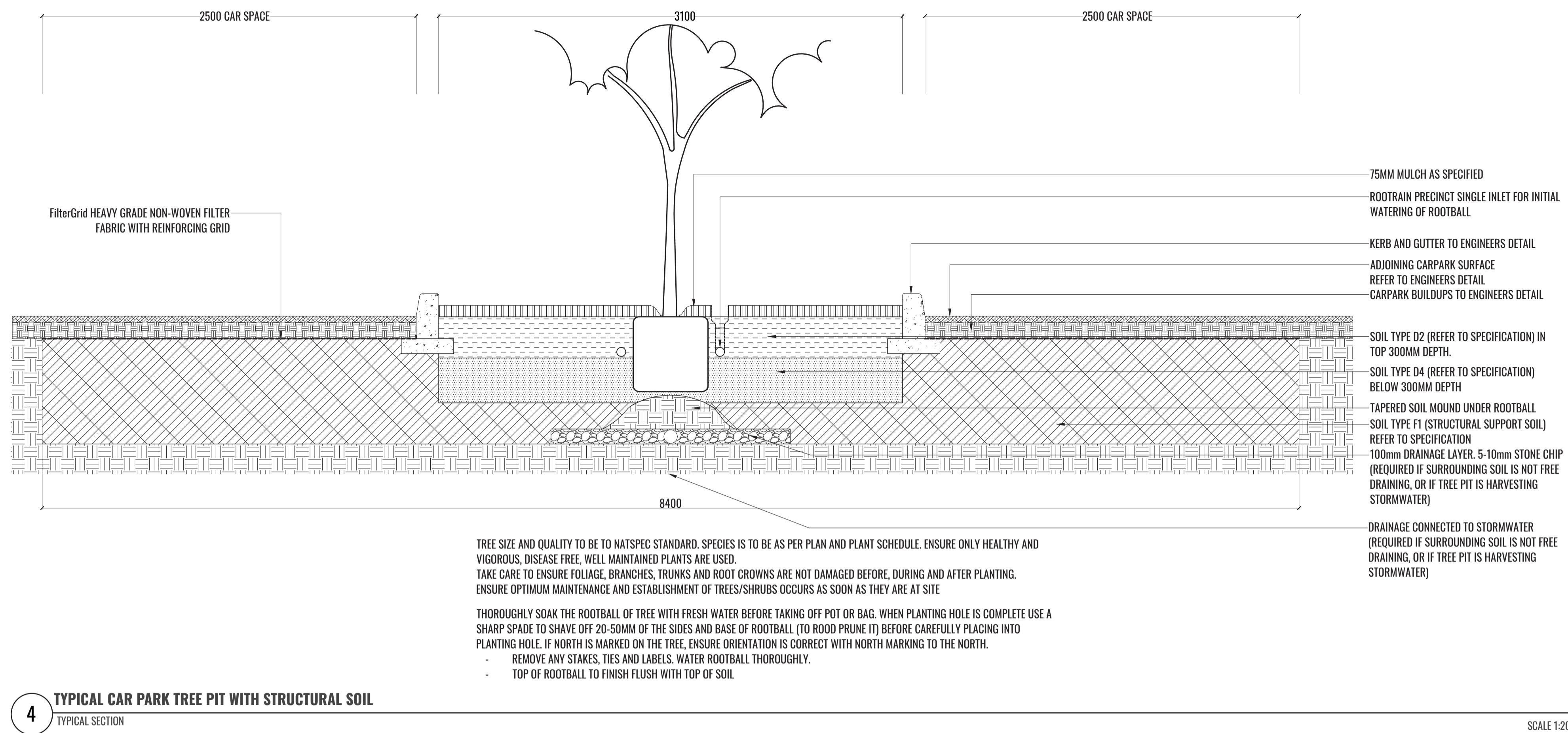
Estate landscaping not part of this approval.

SECTION BB



KEY PLAN

TYPICAL LANDSCAPE DETAIL



MAINTENANCE PLAN & TYPICAL SPECIFICATIONS

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 sub surface dripper style, electrically automated self timed irrigation system is recommended to be supplied to all garden bed areas. 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.

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).

Drawing Title:

Typical Detail & Specifications

DWG No:

SSD-05

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PLANT SCHEDULE

PLANT IMAGES

Code	Botanical Name	Common Name	Mature Height	Native	Spacing	Pot Size	Qty*
Trees							
ACA IMP	<i>Acacia implexa</i>	Hickory Wattle	12m	✓	As Shown	100L	6
BAC MYR	<i>Backhousia myrtifolia</i>	Hickory Wattle	12m	✓	As Shown	100L	6
CAS GLA	<i>Casuarina glauca</i>	Swamp Oak	10m	✓	As Shown	100L	8
COR MAC	<i>Corymbia maculata</i>	Spotted Gum	45m	✓	As Shown	100L	8
ELA EUM	<i>Elaeocarpus eumundii</i>	Eumundii Quandong	10m	✓	As Shown	100L	5
EUC CRE	<i>Eucalyptus crebra</i>	Narrow-Leaved Ironbark	18m	✓	As Shown	100L	6
EUC EUG	<i>Eucalyptus eugenoides</i>	Thin-Leaved Stringybark	30m	✓	As Shown	100L	6
EUC FIB	<i>Eucalyptus fibrosa</i>	Red Ironbark	35m	✓	As Shown	100L	5
EUC MOL	<i>Eucalyptus moluccana</i>	Grey Box	20m	✓	As Shown	100L	9
EUC TER	<i>Eucalyptus tereticornis</i>	Forest Red Gum	30m	✓	As Shown	100L	3
LAG NAT	<i>Lagerstroemia indica x fauriei 'Natchez'</i>	White Crepe Myrtle	5m		As Shown	100L	2
MEL BRA	<i>Melaleuca bracteata</i>	Black Teatree	8m	✓	As Shown	100L	7
PIT REV	<i>Pittosporum revolutum</i>	Rough Fruit Pittosporum	3m	✓	As Shown	100L	7
SYN GLO	<i>Syncarpia glomulifera</i>	Turpentine Tree	25m	✓	As Shown	100L	10
SYZ LEU	<i>Syzygium leuhmannii</i>	Lilly Pilly	6m	✓	As Shown	100L	6
TRI LAU	<i>Tristaniopsis laurina</i>	Water Gum	8m	✓	As Shown	100L	19
WAT FLO	<i>Waterhousea floribunda</i>	Weeping Lily Pilly	15m	✓	As Shown	100L	23
Shrubs							
ACM smi	<i>Acmena smithii</i>	Lilly Pilly	3-5m	✓	1.25m Ctrs	200MM	158
BRE obl	<i>Breynia oblongifolia</i>	Common Breynia	3m	✓	As Shown	200MM	20
BUR spi	<i>Bursaria spinosa</i>	Boxthorn	4m	✓	As Shown	200MM	20
CAL vim	<i>Callistemon viminalis 'Little John'</i>	Little John Bottlebrush	0.8m	✓	As Shown	200MM	20
CAL sal	<i>Callistemon salignus</i>	Willow Bottlebrush	10m	✓	As Shown	200MM	20
CAL qua	<i>Calothamnus quadrifidus</i>	One-sided Bottlebrush	1.5-2.5m	✓	As Shown	200MM	24
COR alb	<i>Correa alba</i>	Native Fuschia	1.5m	✓	As Shown	200MM	16
DAV uli	<i>Daviesia ulicifolia</i>	Gorse Bitter-Pea	2m	✓	As Shown	200MM	9
DIL jun	<i>Dillwynia juniperina</i>	Prickly Parrot Pea	2.5m	✓	As Shown	200MM	20
DOR exc	<i>Doryanthes excelsa</i>	Gymea Lily	3m	✓	As Shown	200MM	19
GRE ros	<i>Grevillea rosmarinifolia 'Crimson Villa' [H16]</i>	Crimson Villa Grevillea	0.8m	✓	As Shown	200MM	19
HAK ser	<i>Hakea sericea</i>	Hakea Sericea	5m	✓	As Shown	200MM	20
HYM fla	<i>Hymenosporum flavum 'Lushious'</i>	Native Frangipani	0.4-0.6m	✓	As Shown	200MM	20
LEP for	<i>Leptospermum laevigatum 'Fore Shore'</i>	Tea Tree	0.3-0.5m	✓	As Shown	200MM	19
PIM hum	<i>Pimelea humilis</i>	Dwarf Rice Flower	0.5m	✓	As Shown	200MM	15
WES fru	<i>Westringia fruticosa 'Aussie Box' [WES08]</i>	Native Rosemary	0.7-0.95m	✓	As Shown	200MM	19
SYZ aus	<i>Syzygium australe 'Tiny Trev'</i>	Lilly Pilly	0.7-1m	✓	As Shown	200MM	17
Groundcovers							
AJU rep	<i>Ajuga reptans 'Burgundy Glow'</i>	Bugle Herb	0.2m	✓	3/m2	140mm	301
BRA mul	<i>Brachyscome multifida 'Break O Day'</i>	Rock Daisy	0.2-3m	✓	3/m2	140mm	405
BRU aus	<i>Brunoniella australis</i>	Blue Trumpet	0.2m	✓	3/m2	Tubestock	2207
CAR ros	<i>Carpobrotus glaucescens 'White Hot'</i>	Native Pigface	0.3m	✓	3/m2	140mm	652
DAM lin	<i>Dampiera linearis 'Cobalt Mound'</i>	Dampiera	0.3m	✓	3/m2	140mm	405
DIC rep	<i>Dichondra repens</i>	Kidney Plant	0.1m	✓	3/m2	Tubestock	2207
ERE blu	<i>Eremophila 'Blue Horizon'</i>	Emu Bush	0.25m	✓	3/m2	140mm	652
GOO hed	<i>Goodenia hederacea</i>	Violet-Leaved Goodenia	0.3m	✓	3/m2	Tubestock	2278
HIB dif	<i>Hibbertia diffusa</i>	Wedge Guinea Flower	0.2m	✓	3/m2	Tubestock	2454
MYO par	<i>Myoporum parvifolia 'Yareena' [PARV01]</i>	Creeping Boobialla	0.1m	✓	3/m2	Tubestock	2599
SCA aem	<i>Scaevola aemula</i>	Fan Flower	0.4m	✓	3/m2	140mm	405
VIO hed	<i>Viola hederacea</i>	Ivy-leaved Violet	0.3m	✓	3/m2	Tubestock	2722
WES low	<i>Westringia fruticosa 'Low Horizon'™</i>	Low Horizon Westringia	0.3m	✓	3/m2	140mm	652
Drainage Easement Planting							
CYM ref	<i>Cymbopogon refractus</i>	Barbed Wire Grass	1m	✓	6/m2	Tubestock	1903
ECH cae	<i>Echinopogon caespitosus</i>	Bushy Hedgehog-Grass	1.5m	✓	6/m2	Tubestock	1903
ERA bro	<i>Eragrostis brownii</i>	Common Lovegrass	3m	✓	6/m2	Tubestock	1903
MIC sti	<i>Microlaena stipoides</i>	Weeping Grass	0.7m	✓	6/m2	Tubestock	1903
THE aus	<i>Themeda australis</i>	Kangaroo Grass	0.8m	✓	6/m2	Tubestock	1903

* Final numbers to be confirmed at CC satge

Drawing Title:

Planting Schedule & Imagery

DWG No:

SSD-06

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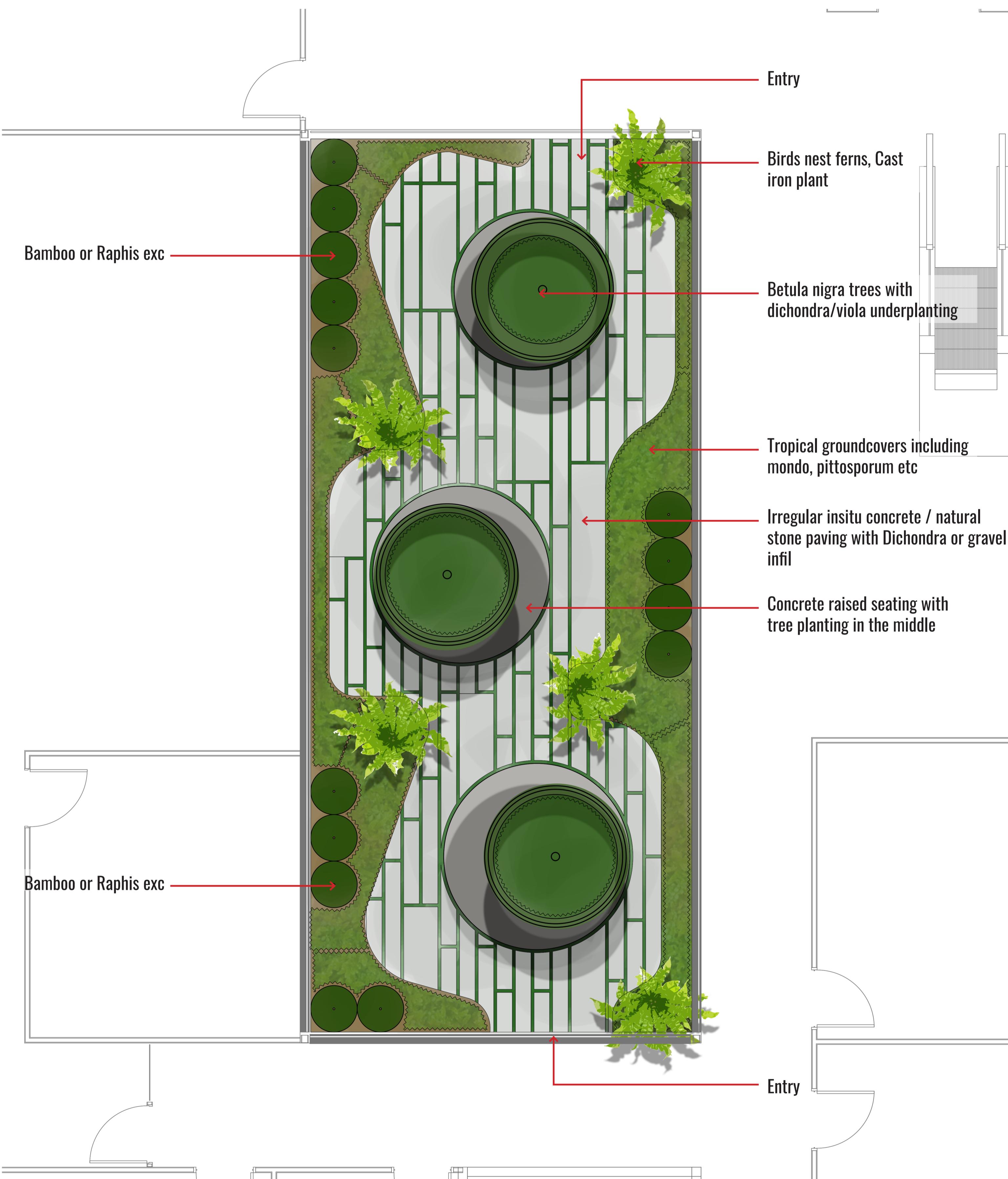
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Plan



Images

