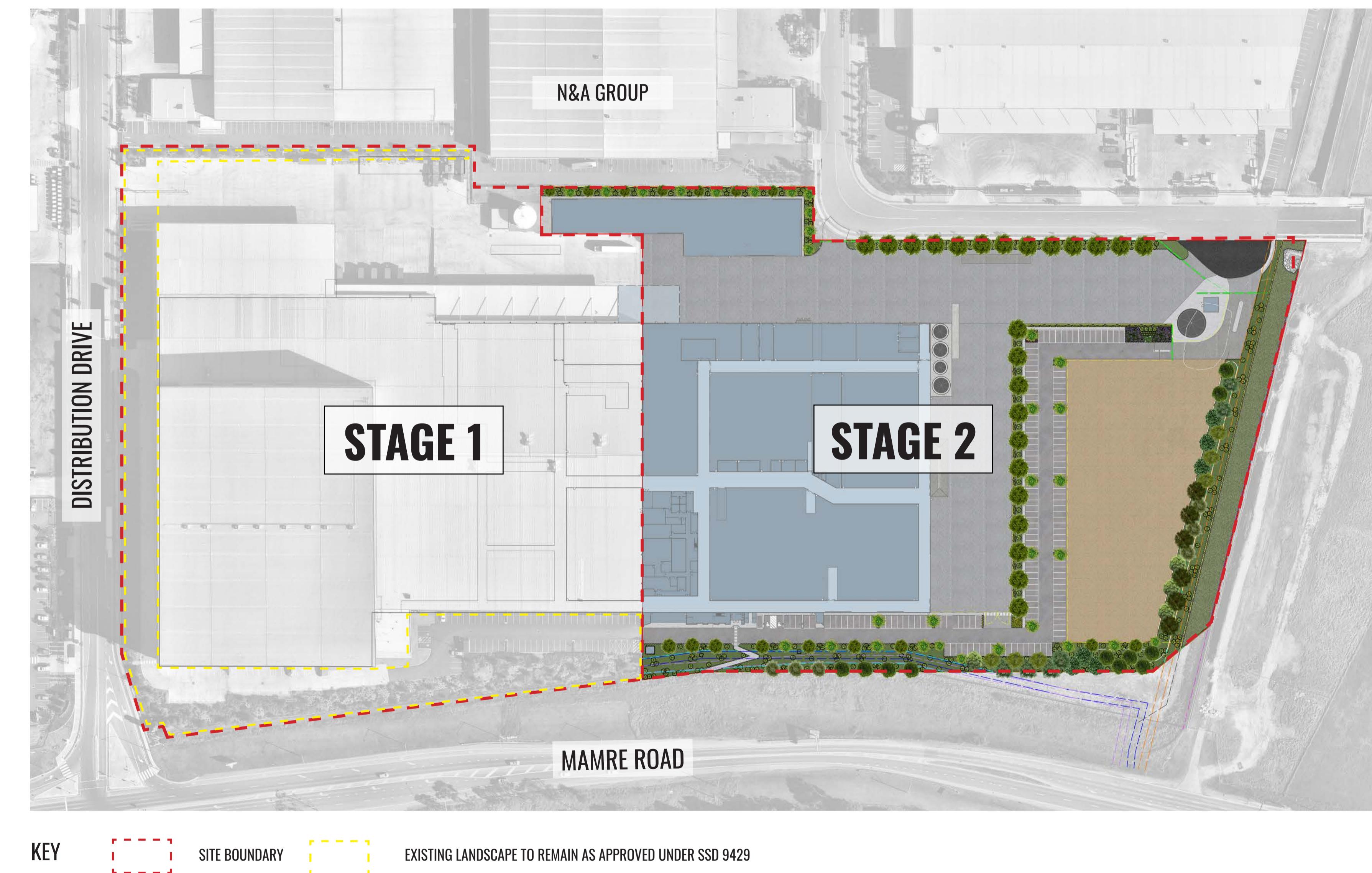


Snack Brands Horizon Stage 2 - Industrial Development

685-649 Mamre Road, Orchard Hills, NSW 2748

Landscape Documentation for State Significant Documentation Application



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 Specifications
- SSD-06 Planting Schedule & Imagery

SITE PLAN NTS

Drawing Title:
Landscape Cover Sheet
DWG No:

SSD-00

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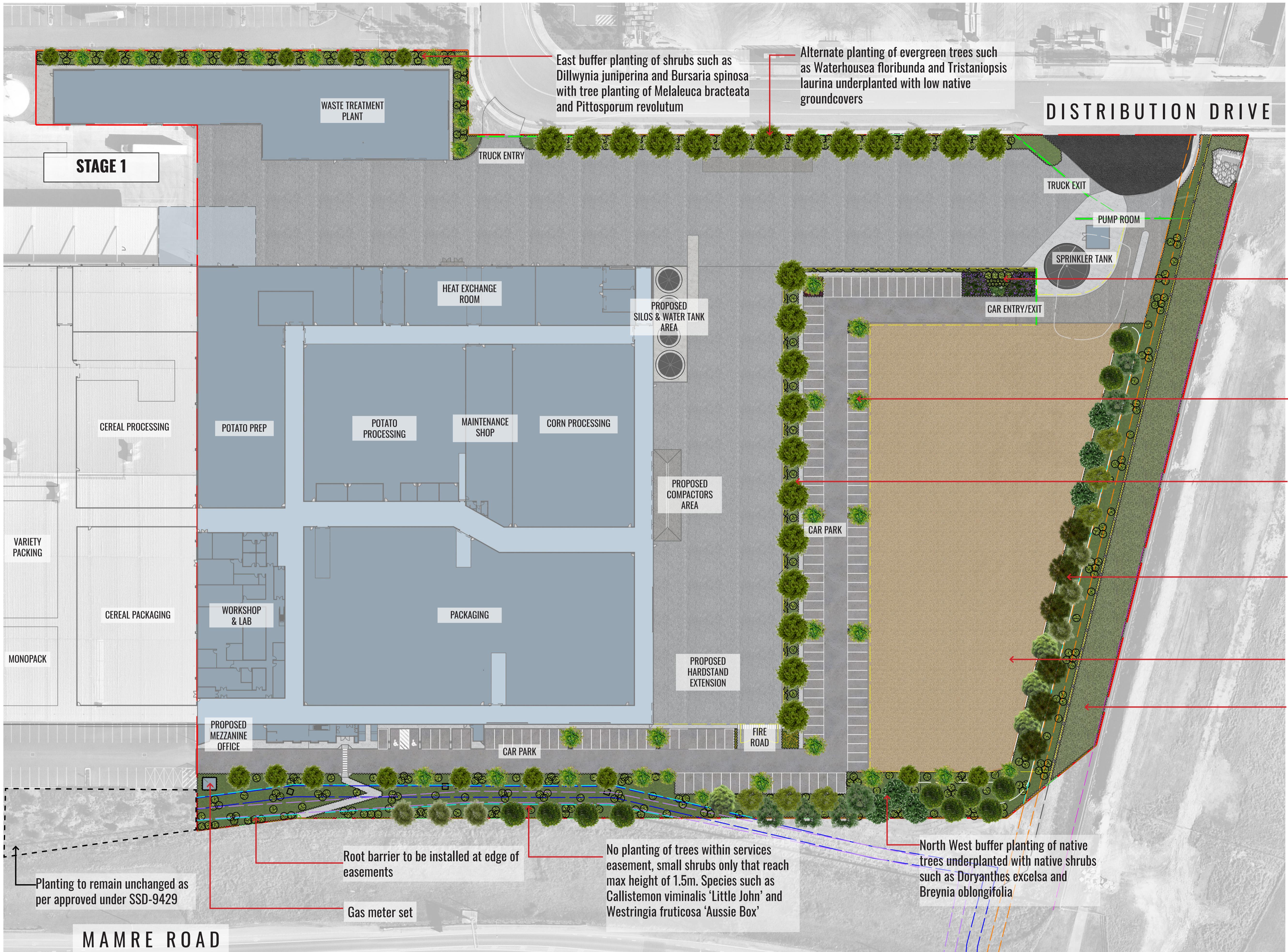
Architect: **hlc** architects

Project Manager: **TMX** invent tomorrow

Client: **snackbrands** AUSTRALIA

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1:800 @ A1	02.07.21	210222		-	21.04.21	FOR SSD DRAFT	KC
1:1600 @ A3				A	09.06.21	FOR SSD	KC
				B	22.06.21	FOR SSD	KC
				C	02.07.21	FOR SSD	KC

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Drawing Title:
Landscape Plan
DWG No:

SSD-01

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Suite 215, 284 Victoria Ave, Chatswood NSW 2067 Ph. (02) 9411 1485
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Architect:
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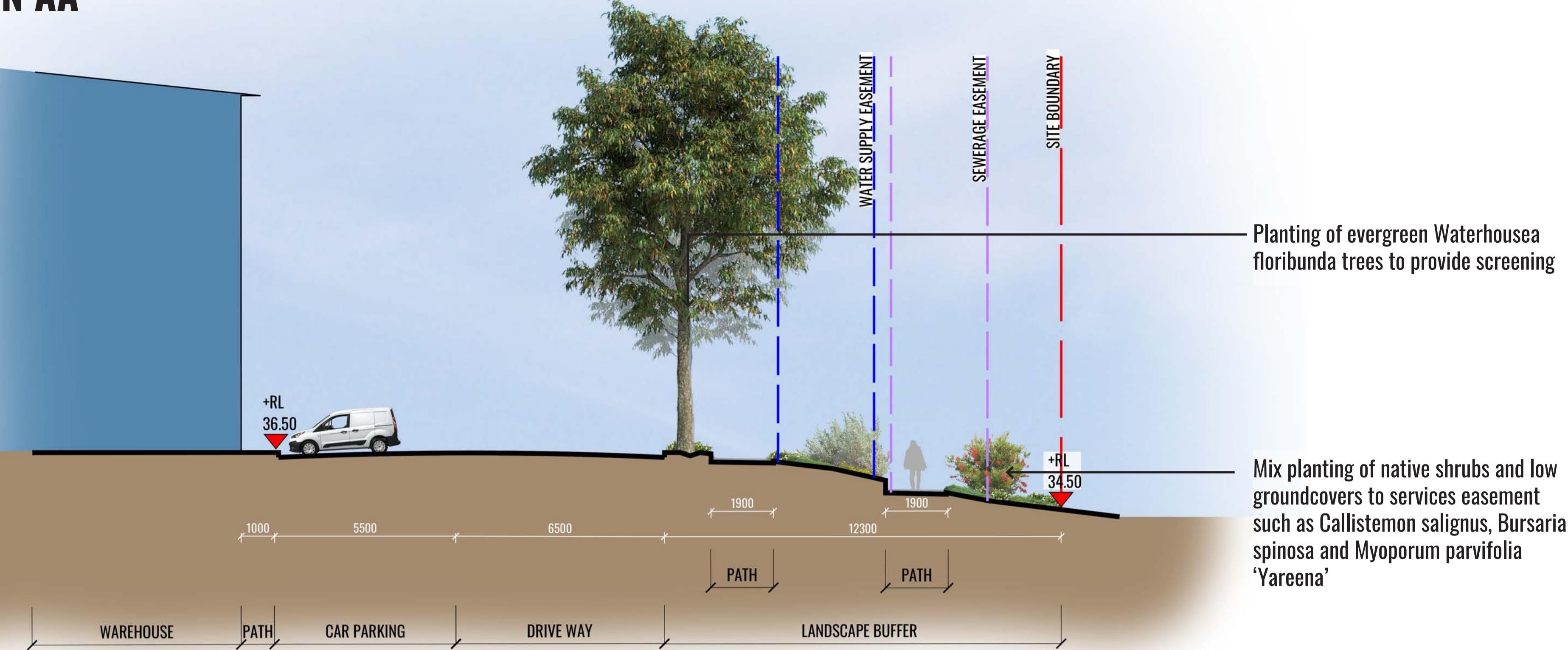
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Client:
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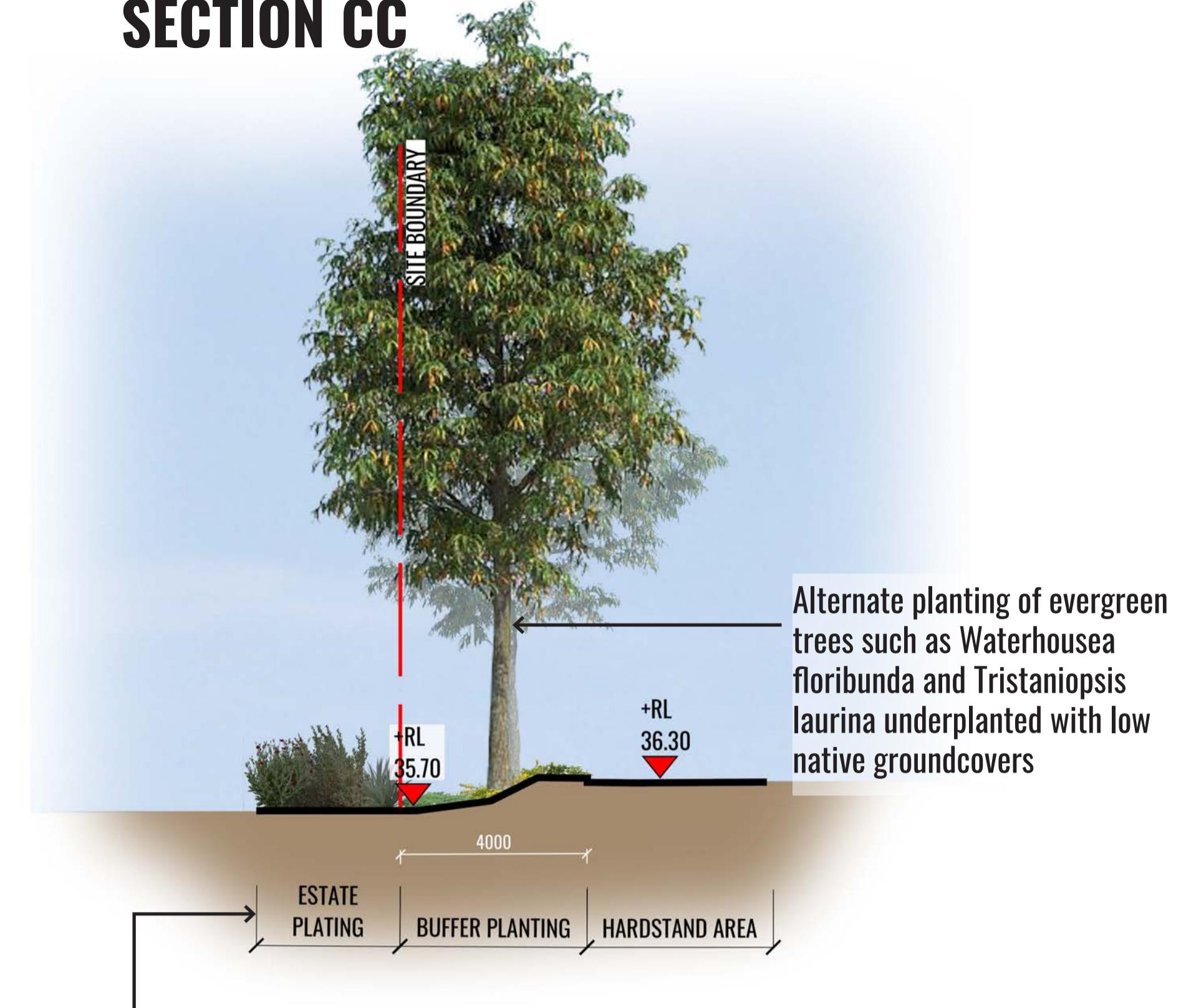
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				B	22.06.21 FOR SSD	KC	BG
				C	02.07.21 FOR SSD	KC	BG

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SECTION AA

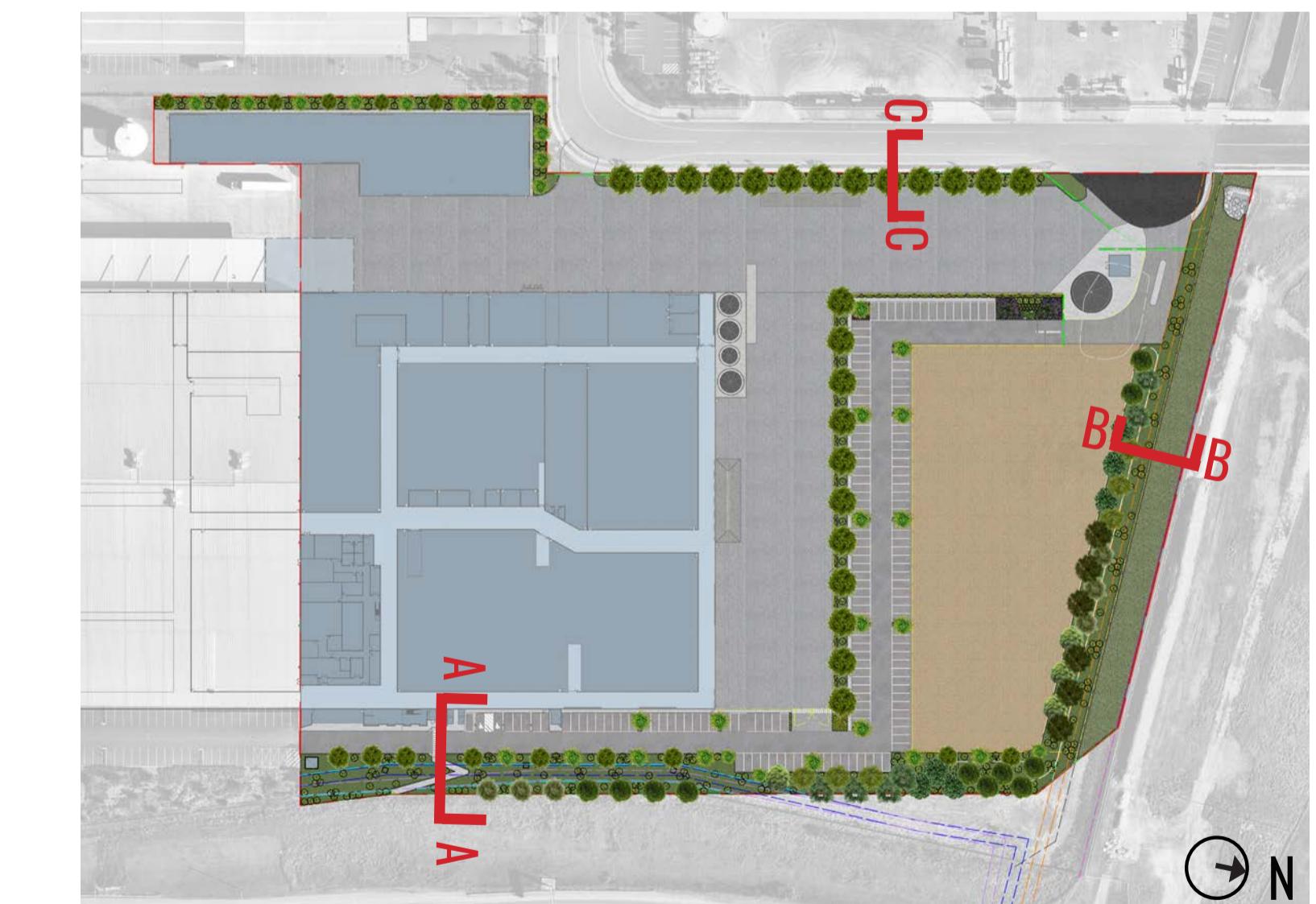
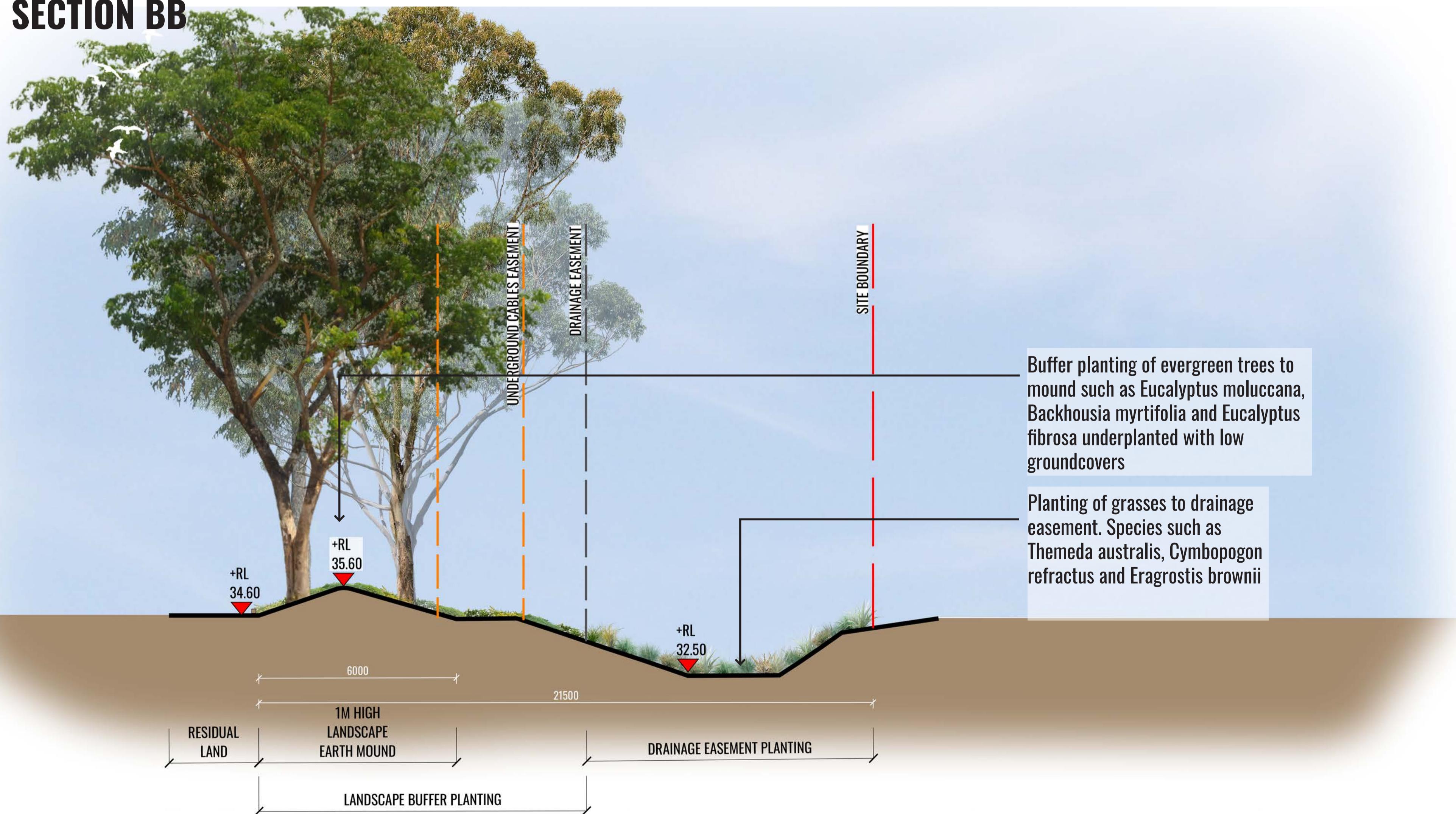


SECTION CC



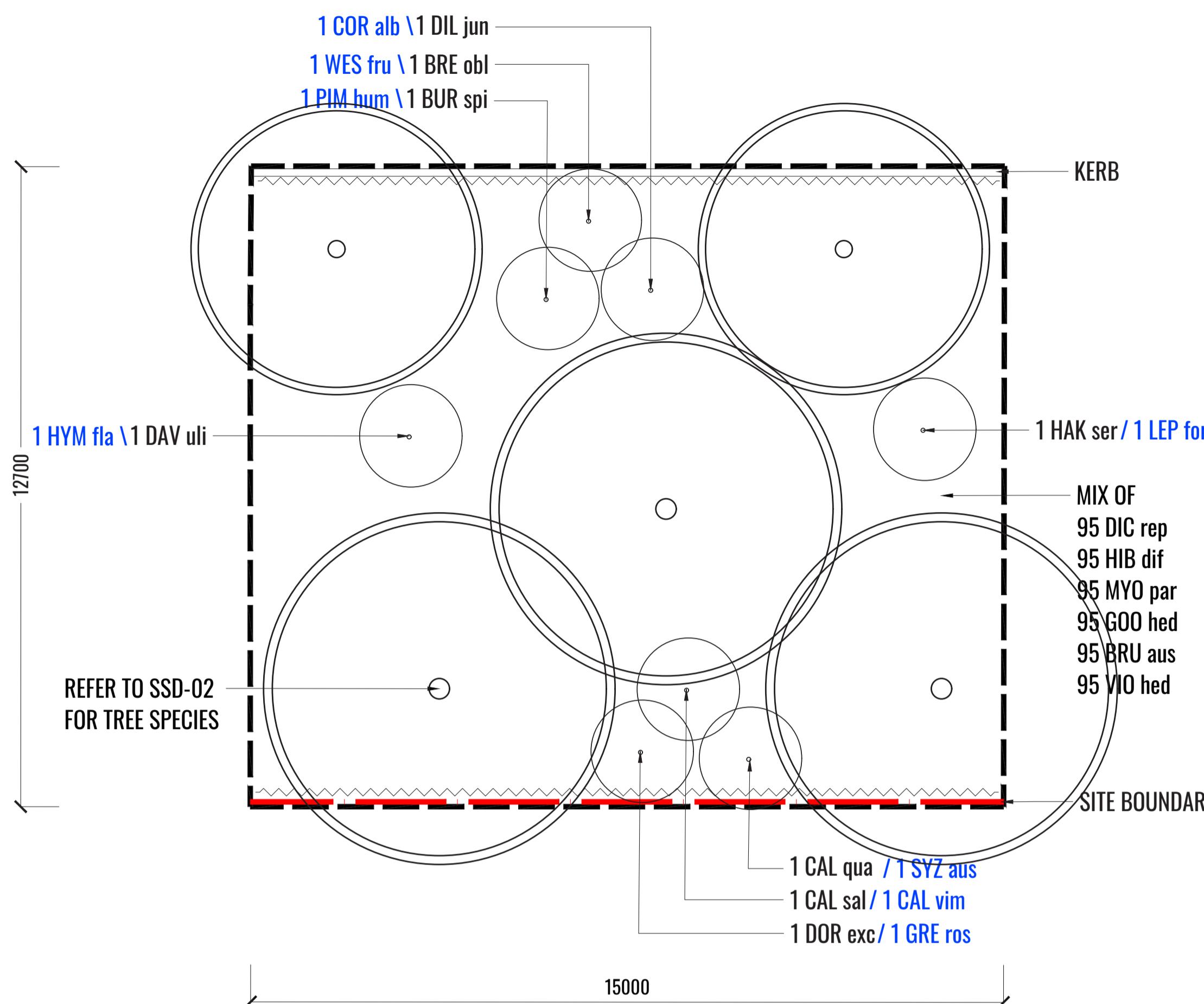
Estate landscaping not part of this approval.

SECTION BB



KEY PLAN

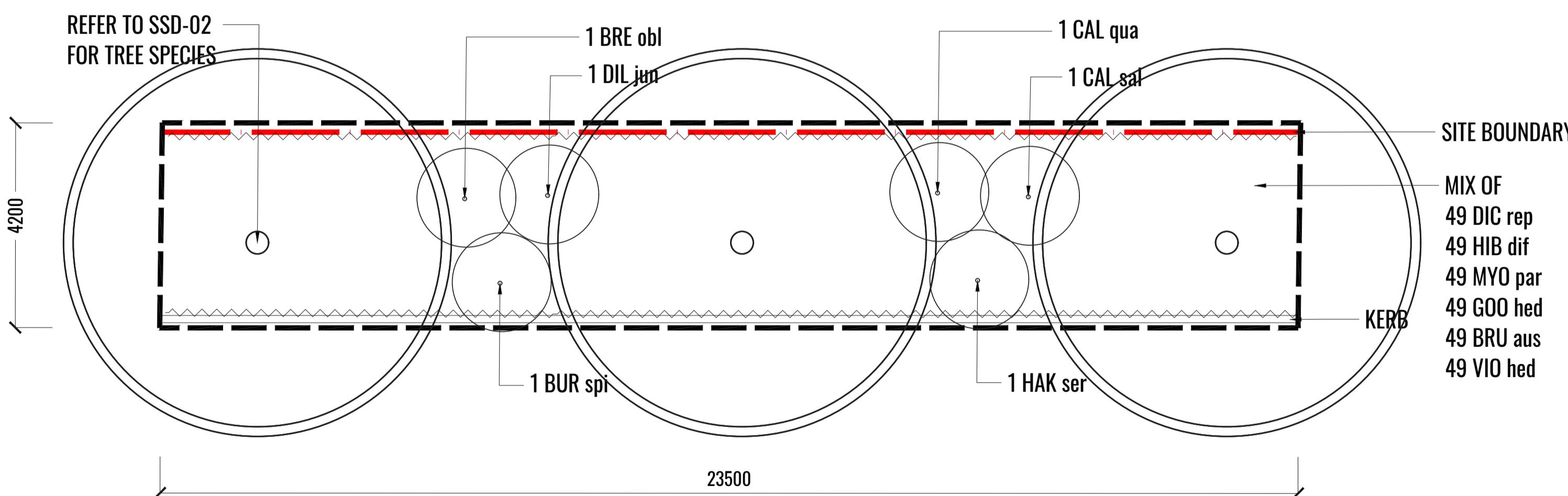
TYPICAL LANDSCAPE DETAILS



*All plant codes in **BLUE** relate to planting within services easements
**Trees not to be planted within easements

1A NORTH & EAST BUFFER ZONE DETAIL 12.7m x 15m

SCALE 1:75



1B WEST BUFFER ZONE DETAIL 4.2m x 23.5m

SCALE 1:75

Drawing Title:

Typical Landscape Details

DWG No:

SSD-04

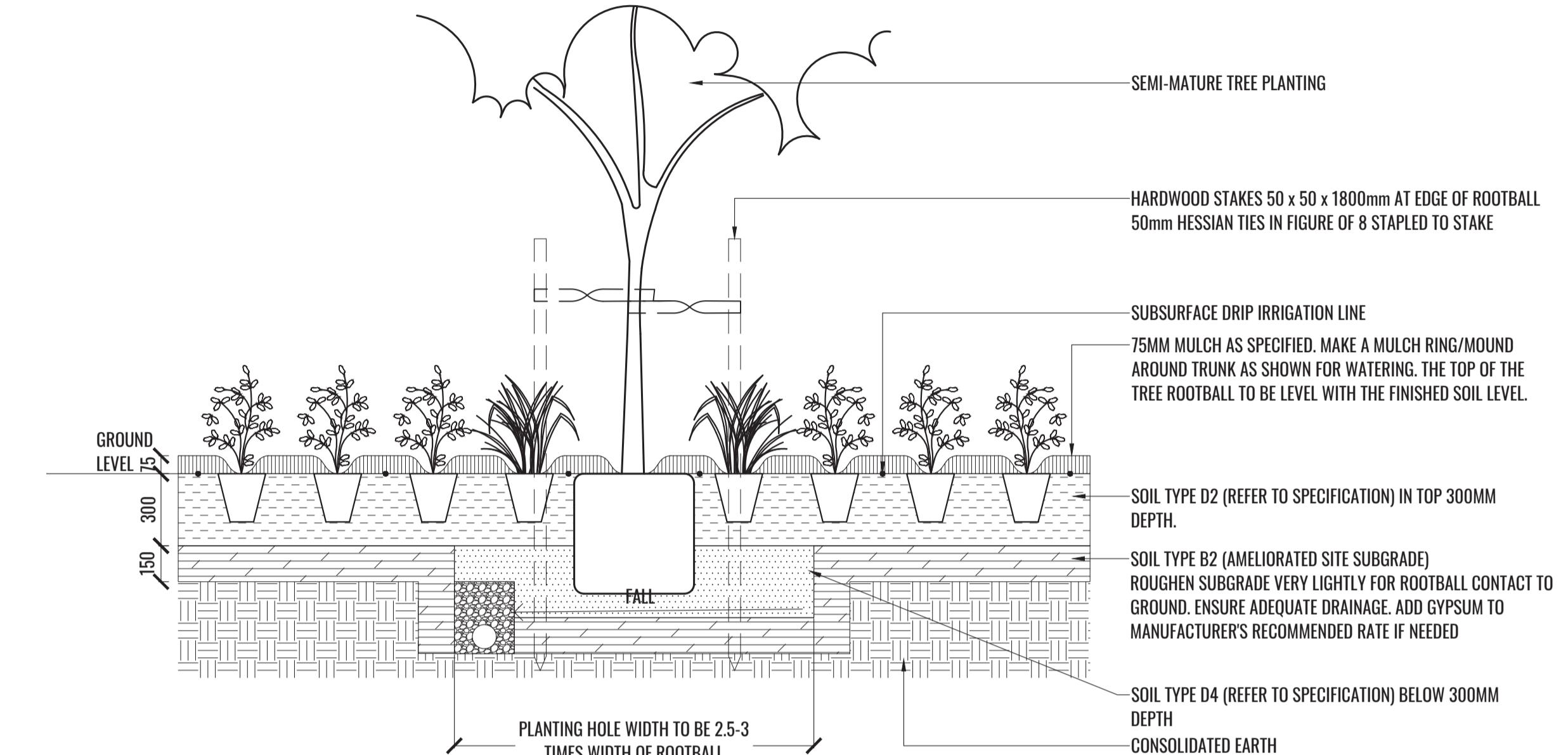
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TREE/SHRUB SIZE AND QUALITY TO BE TO NATSPEC STANDARD. SPECIES IS TO BE AS PER PLAN AND PLANT SCHEDULE. ENSURE ONLY HEALTHY AND VIGOROUS, DISEASE FREE, WELL MAINTAINED PLANTS ARE USED.
TAKE CARE TO ENSURE FOLIAGE, BRANCHES, TRUNKS AND ROOT CROWNS ARE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

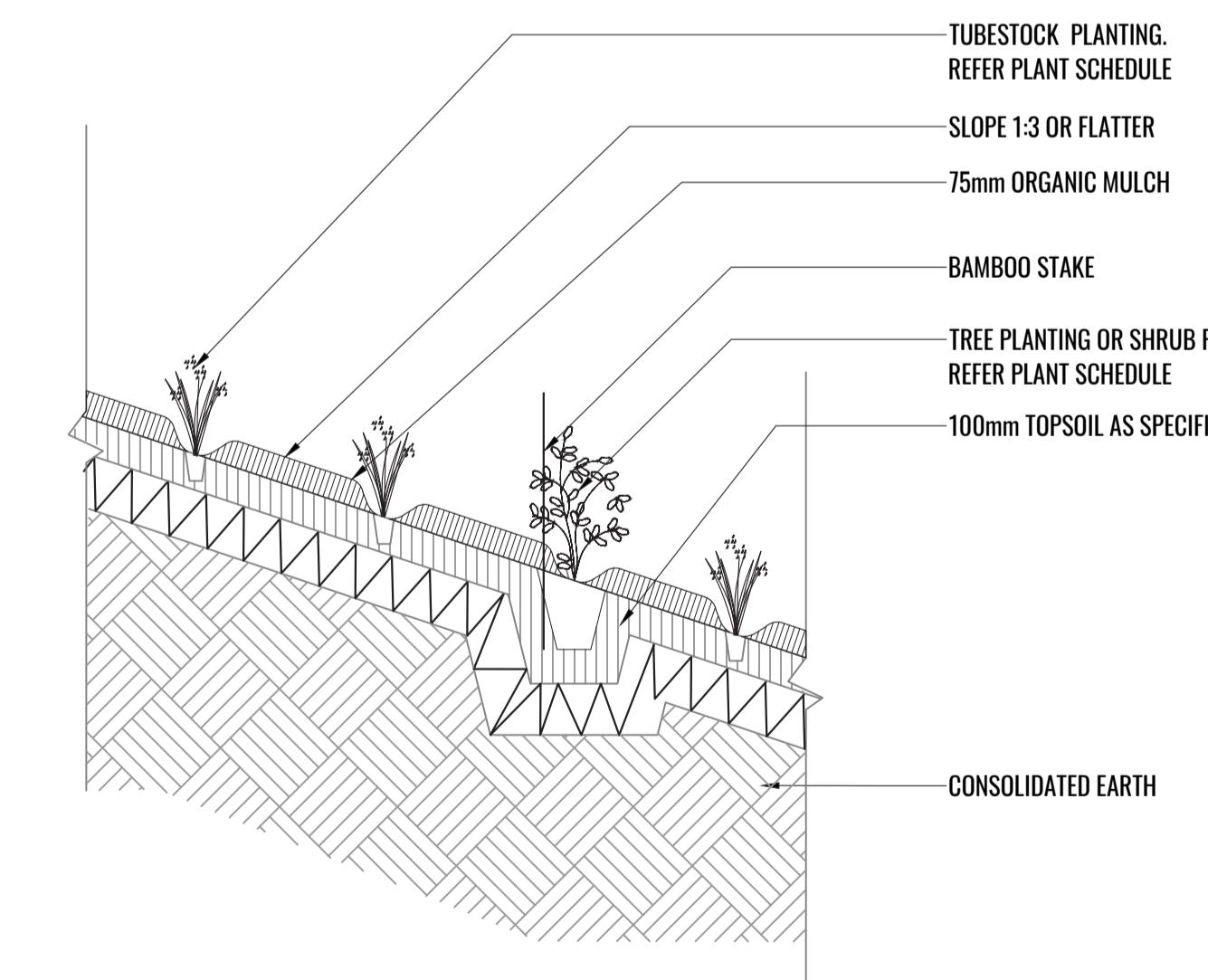


THOROUGHLY SOAK THE ROOTBALL OF TREE WITH FRESH WATER BEFORE TAKING OFF POT OR BAG. WHEN PLANTING HOLE IS COMPLETE USE A SHARP SPADE TO SHAVE OFF 20-50MM OF THE SIDES AND BASE OF ROOTBALL (TO ROOT PRUNE IT) BEFORE CAREFULLY PLACING INTO PLANTING HOLE. IF NORTH IS MARKED ON THE TREE, ENSURE ORIENTATION IS CORRECT WITH NORTH MARKING TO THE NORTH.

- REMOVE ANY STAKES, TIES AND LABELS. WATER ROOTBALL THOROUGHLY.
- TOP OF ROOTBALL TO FINISH FLUSH WITH TOP OF SOIL.

2 MASS PLANTING AND TREE DETAIL

SCALE 1:20



3 TUBESTOCK PLANTING ON GRADE 1 IN 3 OR FLATTER

SCALE 1:20

Scale:	Date:	Job Number:	North:	FOR SSD APPLICATION				
				Rev	Date	Description	Drawn	Checked
AS SHOWN	02.07.21	210222	N/A	-	21.04.21	FOR SSD DRAFT	KC	BG
				A	09.06.21	FOR SSD	KC	BG
				B	22.06.21	FOR SSD	KC	BG
				C	02.07.21	FOR SSD	KC	BG

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 Specifications

DWG No:

SSD-05

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Architect:

hlc architects

Project Manager:

TMX
tomorrow

Client:

snackbrands
AUSTRALIA

Scale:

N/A

Date:

02.07.21

Job Number:

210222

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B	22.06.21	FOR SSD	KC	BG	
C	02.07.21	FOR SSD	KC	BG	

Project:

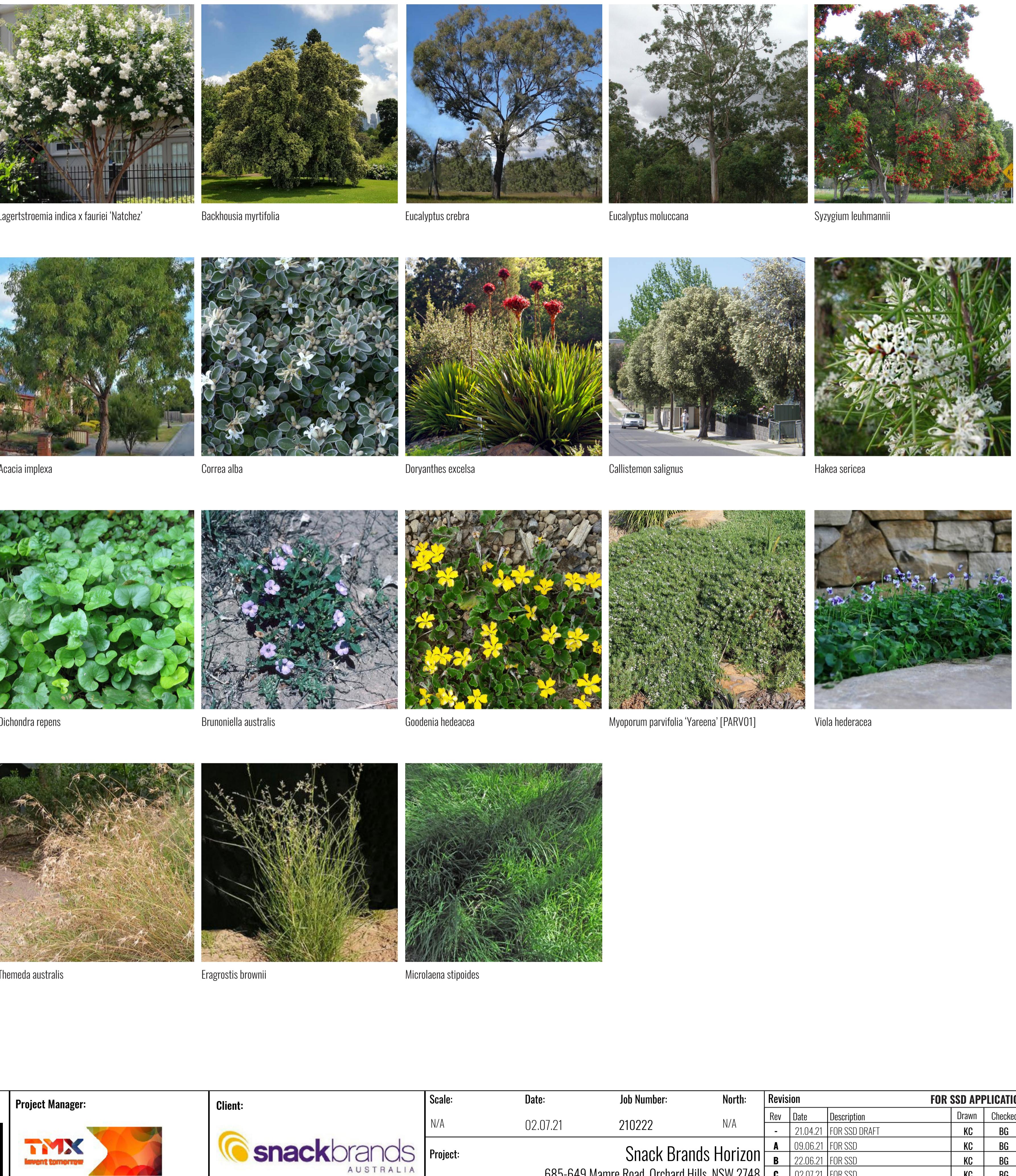
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PLANT SCHEDULE

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
ELE EUM	<i>Elaeocarpus eumundii</i>	Eumundii Quandong	10m	✓	As Shown	100L	3
EUC CRE	<i>Eucalyptus crebra</i>	Narrow-Leaved Ironbark	18m	✓	As Shown	100L	6
EUC EUG	<i>Eucalyptus eugenioiodes</i>	Thin-Leaved Stringybark	30m	✓	As Shown	100L	6
EUC FIB	<i>Eucalyptus fibrosa</i>	Red Ironbark	35m	✓	As Shown	100L	2
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
CUP ANA	<i>Cupaniopsis anacardioides</i>	Tuckeroo	8-15m	✓	As Shown	100L	12
LAG NAT	<i>Lagertia indica 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
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	11
WAT FLO	<i>Waterhousea floribunda</i>	Weeping Lily Pilly	15m	✓	As Shown	100L	16
Shrubs							
ACM smi	<i>Acmena smithii</i>	Lilly Pilly	3-5m	✓	As Shown	200MM	154
BRE obl	<i>Breynia oblongifolia</i>	Common Breynia	3m	✓	As Shown	200MM	61
BUR spi	<i>Bursaria spinosa</i>	Boxthorn	4m	✓	As Shown	200MM	61
CAL vim	<i>Callistemon viminalis 'Little John'</i>	Little John Bottlebrush	0.8m	✓	As Shown	200MM	4
CAL sal	<i>Callistemon salignus</i>	Willow Bottlebrush	10m	✓	As Shown	200MM	61
CAL qua	<i>Calothamnus quadrifidus</i>	One-sided Bottlebrush	1.5-2.5m	✓	As Shown	200MM	61
COR alb	<i>Correa alba</i>	Native Fuschia	1.5m	✓	As Shown	200MM	11
DAV uli	<i>Daviesia ulicifolia</i>	Gorse Bitter-Pea	2m	✓	As Shown	200MM	50
DIL jun	<i>Dillwynia juniperina</i>	Prickly Parrot Pea	2.5m	✓	As Shown	200MM	61
DOR exc	<i>Doryanthes excelsa</i>	Gymea Lily	3m	✓	As Shown	200MM	50
GRE ros	<i>Grevillea rosmarinifolia 'Crimson Villea'</i> [H16]	Crimson Villea Grevillea	0.8m	✓	As Shown	200MM	4
HAK ser	<i>Hakea sericea</i>	Hakea Sericea	5m	✓	As Shown	200MM	61
HYM fla	<i>Hymenosporum flavum 'Lushious'</i>	Native Frangipani	0.4-0.6m	✓	As Shown	200MM	4
LEP for	<i>Leptospermum laevigatum 'Fore Shore'</i>	Tea Tree	0.3-0.5m	✓	As Shown	200MM	4
PIM hum	<i>Pimelea humilis</i>	Dwarf Rice Flower	0.5m	✓	As Shown	200MM	10
WES fru	<i>Westringia fruticosa 'Aussie Box'</i> [WES08]	Native Rosemary	0.7-0.95m	✓	As Shown	200MM	4
SYZ aus	<i>Syzygium australe 'Tiny Trev'</i>	Lilly Pilly	0.7-1m	✓	As Shown	200MM	4
Groundcovers							
AJU rep	<i>Ajuga reptans 'Burgundy Glow'</i>	Bugle Herb	0.2m	✓	3/m2	Tubestock	154
BRU aus	<i>Brunoniella australis</i>	Blue Trumpet	0.2m	✓	3/m2	Tubestock	2721
DIC rep	<i>Dichondra repens</i>	Kidney Plant	0.1m	✓	3/m2	Tubestock	2721
GOO hed	<i>Goodenia hederacea</i>	Violet-Leaved Goodenia	0.3m	✓	3/m2	Tubestock	2817
HIB dif	<i>Hibbertia diffusa</i>	Wedge Guinea Flower	0.2m	✓	3/m2	Tubestock	2721
MYO par	<i>Myoporum parvifolia 'Yareena'</i> [PARV01]	Creeping Boabialla	0.1m	✓	3/m2	Tubestock	2847
VIO hed	<i>Viola hederacea</i>	Ivy-leaved Violet	0.3m	✓	3/m2	Tubestock	2989
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

PLANT IMAGES



Drawing Title:

Planting Schedule & Imagery

DWG No:

SSD-06

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-	21.04.21	FOR SSD DRAFT	KC	BG		
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