46-66 O'Connell Street Subdivision, CADDENS, NSW

Landscape Documentation for Development Application

Drawing Register

- Dwg No. Drawing Name
- LDA-00 Cover Sheet
- LDA-01 Streetscape Masterplan & Tree Schedule
- LDA-02 Streetscape Sections & Tree Imagery
- LDA-03 Park Concept Plan
- LDA-04 Park Concept Section & Design Imagery
- LDA-05 Park Plant Schedule and Imagery
- LDA-06 Bioretention Basin Section & Plant schedule
- LDA-07 Specifications & Typical Landscape Details



Document Set ID: 9283958 Version: 1, Version Date: 04/09/2020



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Scale: Date: **Client**: 1:1000 @ A1 1:2000 @ A3 05.08.20 **PBD** | ARCHITECTS VANTAGER Project: 46-66 0'

IMAGE TAKEN FROM NEARMAP 2020

Job Number:	Job Number: North:			FOR DEVELOPMENT APPLICATION						
101110		Rev	Date	Description	Drawn	Checked				
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CAI	DDENS, NSW									



Drawing Title:

Streetscape Masterplan and Tree Schedule LDA-01 DWG No:

Suite 215, 284 Victoria Ave, Chatswood NSW 2067 Ph. (02) 9411 1485 www.geoscapes.com.au ABN 84 620 205 781 ACN 620 205 781

САРЕ

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PBD | ARCHITECTS

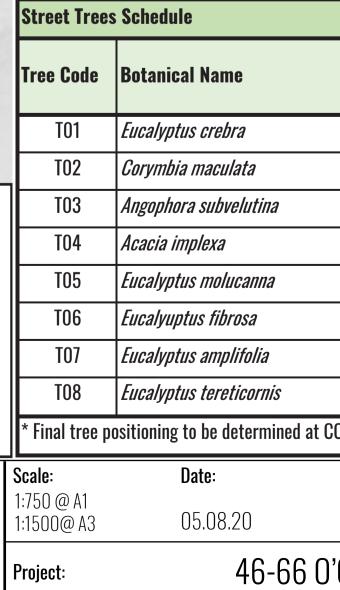
Architect:



Client:

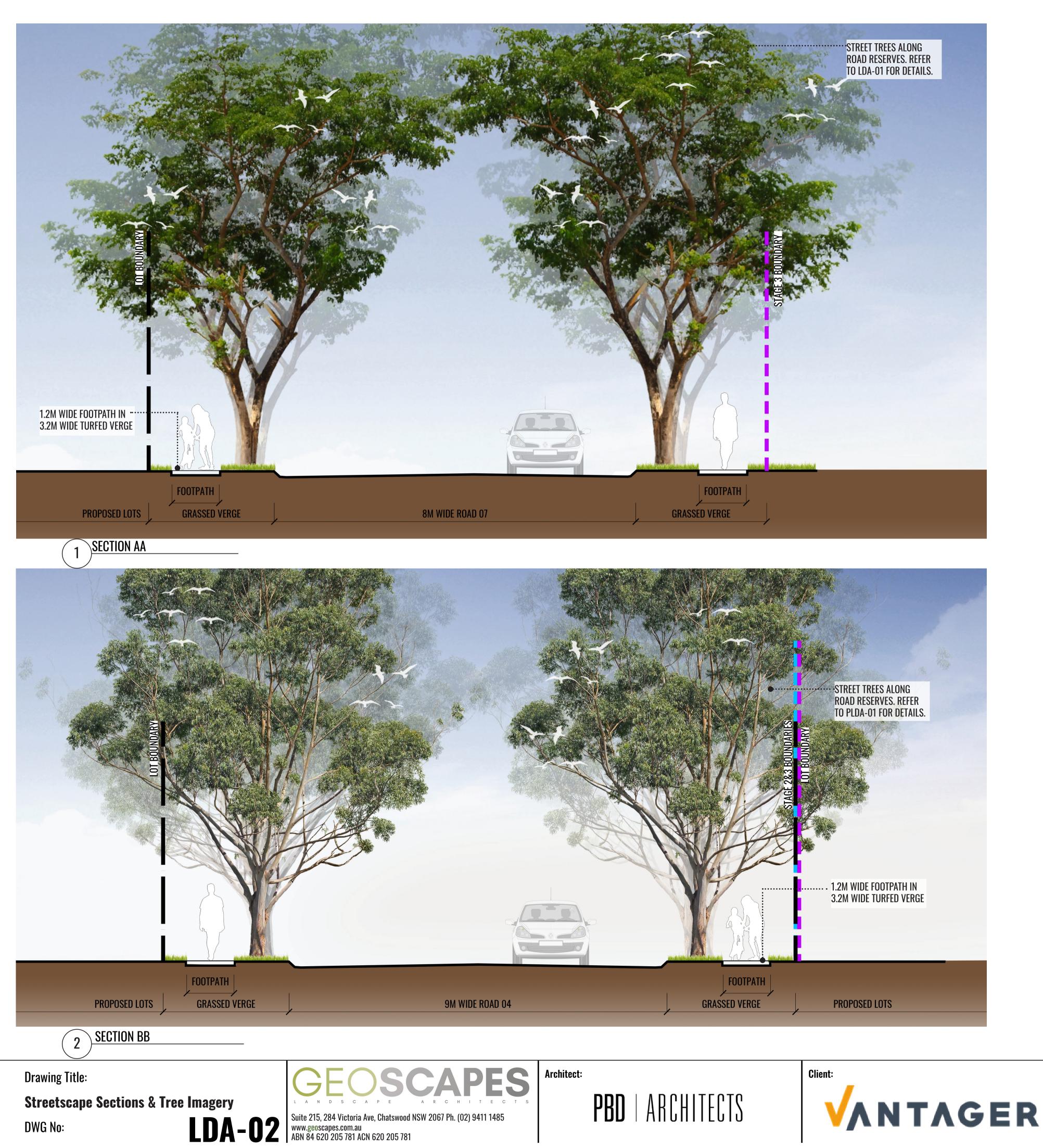


VANTAGER



Common Name	Mature Height	Spacing*	Pot Size
Narrow-leaved Ironbark	25m	As Shown	75L
Spotted Gum	25-45m	As Shown	75L
Broad leaved Apple	12m	As Shown	110ML
Hickory Wattle	5-8m	As Shown	110ML
Grey Box	25m	As Shown	100L
Red Ironbark	35-40m	As Shown	45L
Cabbage Gum	30-35m	As Shown	75L
Forest Red Gum	30m	As Shown	75L

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STREET TREE IMAGERY



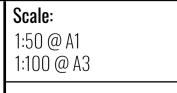
T01: Eucalyptus crebra



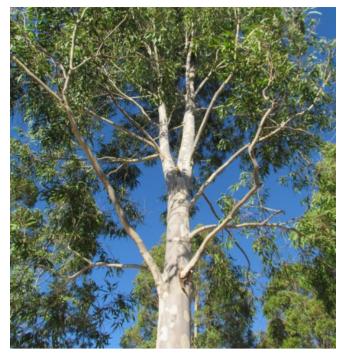
TO4: Acacia implexa



T07: Eucalyptus amplifolia



Project:



TO2: Corymbia maculata



T05: Eucalyptus moluccanna



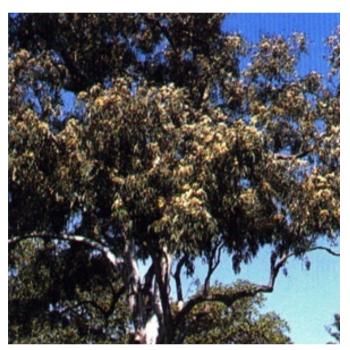
TO8: Eucalyptus paniculata



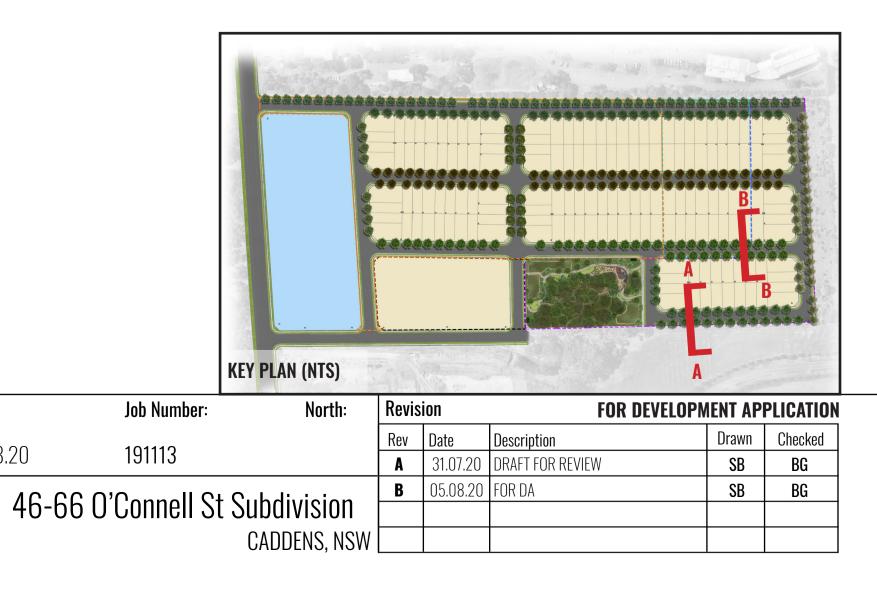
TO3: Angophora subvelutina

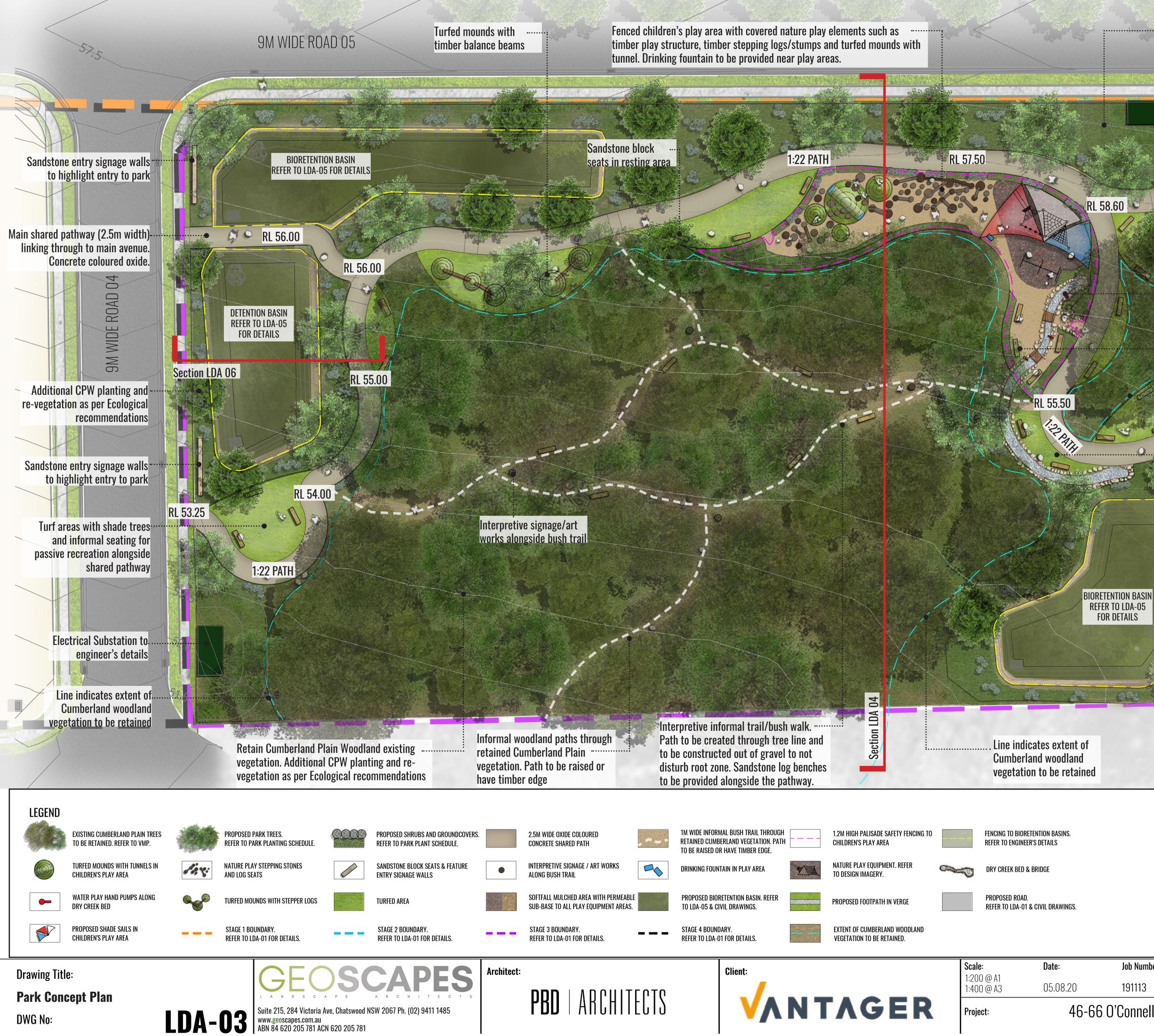


TO6: Eucalyuptus fibrosa



T09: Eucalyptus tereticornis





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Graded embankment (approx. 1:4 grade) to be planted with native Cumberland tree and understorey species planted in accordance with bushfire requirements

Electrical Substation to engineer's details

RL 59.50

RL 56.50

Sandstone entry signage walls & trees to highlight entry to park

Turfed area with existing and proposed CPW trees & sandstone log seats

Dry creek bed with rocks, water pumps and intermittent planting to act as drainage channel & enhance natural play elements for children

Shaded informal seating areas along dry creek bed and native grasses & groundcovers.

Line indicates extent of Cumberland woodland vegetation to be retained

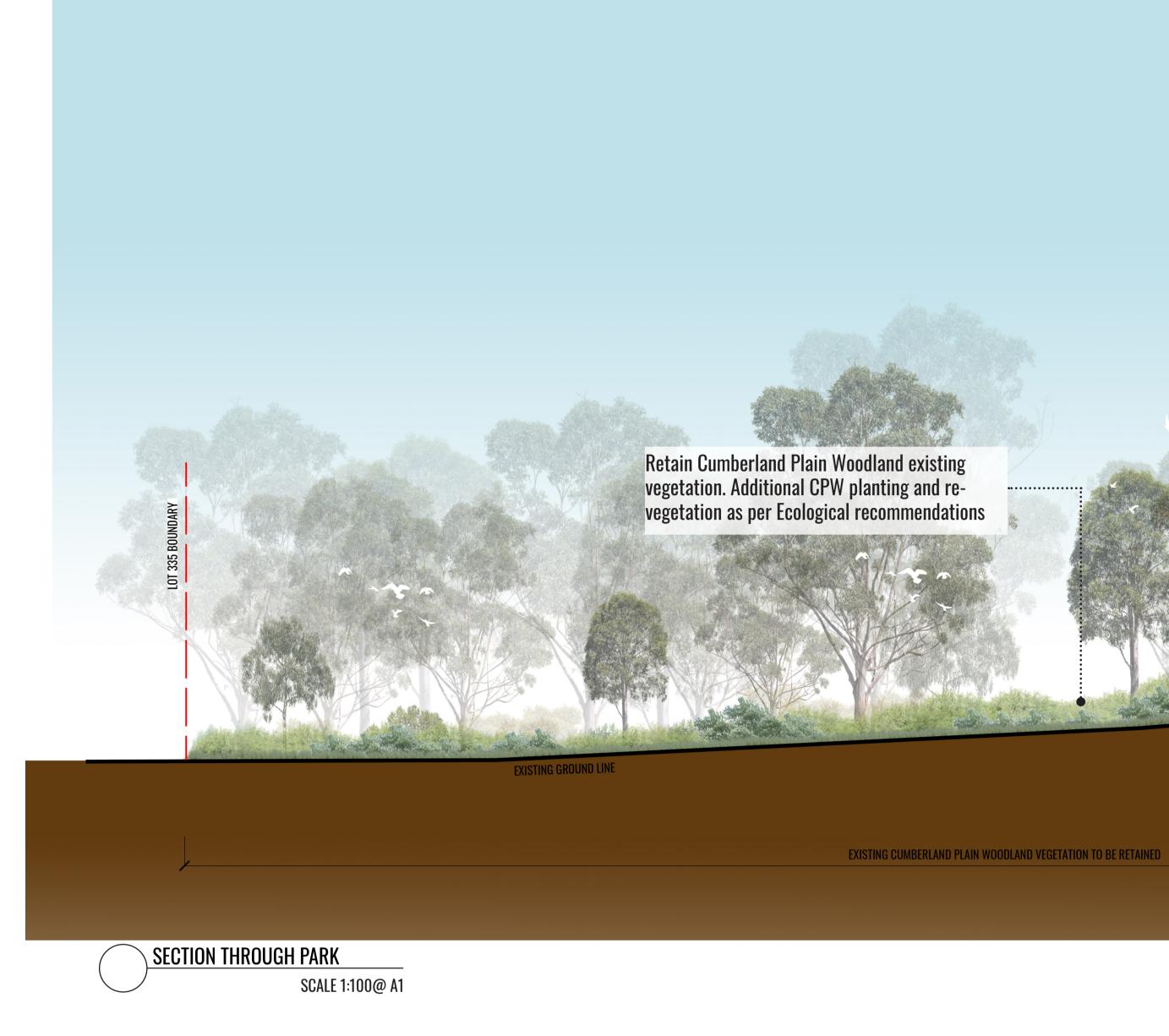
Turf areas with shade trees and informal seating for passive recreation alongside shared pathway with additional evergreen native tree planting. WIDE ROAD

Fencing to Engineer's detail

9M

Additional CPW planting and revegetation as per Ecological recommendations

	KEY PLAN (NTS)					
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	CADDENS, NSW					



DESIGN IMAGERY



SANDSTONE LOG WALL

CONCRETE SHAREWAY

SANDSTONE LOG SEATS

CORTEN STEEL WAY-FINDING SIGN

NATURE PLAY STEPPING LOGS & TREE STUMPS

Architect:

Drawing Title: Park Concept Section & Design Imagery DWG No:

LDA-O4 Suite 215, 284 Victoria Ave, Chatswood NSW 2067 Ph. (02) 9411 1485 www.geoscapes.com.au ABN 84 620 205 781 ACN 620 205 781

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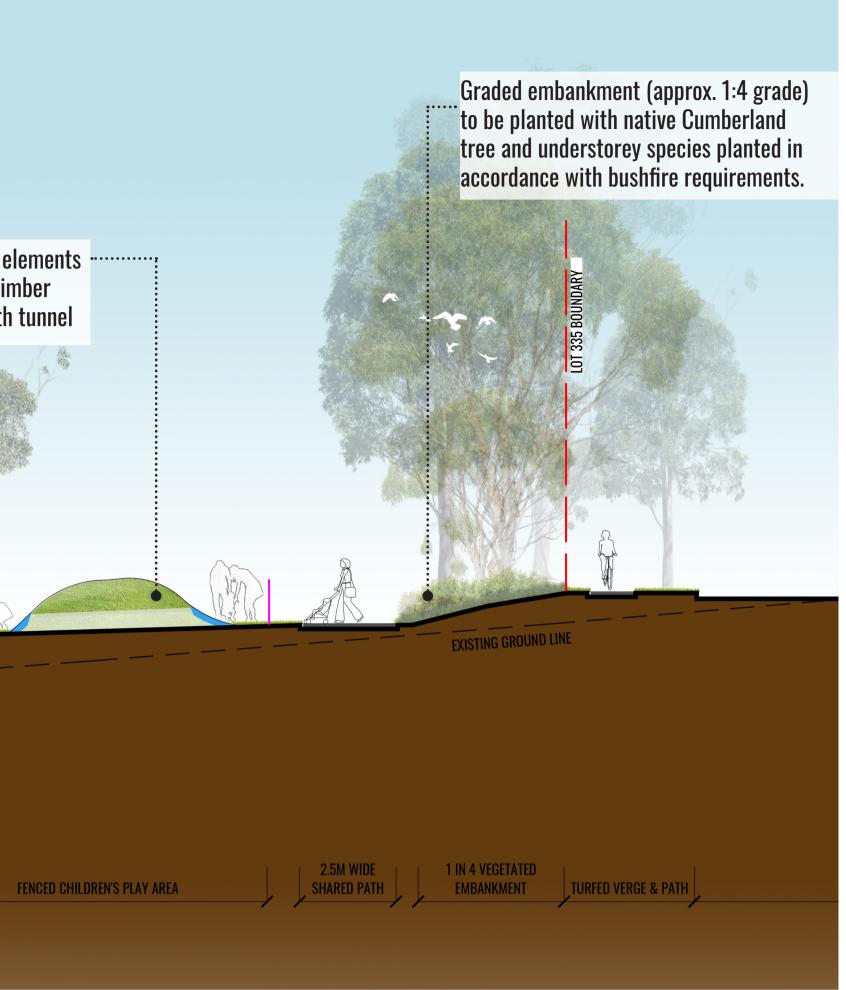
Fenced children's play area with nature play elements such as timber play structure, sandstone & timber stepping logs/stumps and turfed mounds with tunnel Informal bush trail. Path to be raised or have block edge

TURFED MOUNDS WITH TIMBER **BALANCE BEAMS**

TIMBER PLAY STRUCTURES

TURFED MOUNDS WITH TUNNELS **& SANDSTONE STEPPERS**





DRY CREEK BED

FOR CHILDREN

DRINKING FOUNTAIN SHADE SAILS OVER PLAY EQUIPMENT

Job Number:	mber: North:			FOR DEVELOPMENT APPLICATION						
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C	ADDENS, NSW									

INDICATIVE PLANTING SCHEDULES

Indicative Park Planting Schedule		Mature		
Botanical Name	Common Name	Height	Spacing	Pot Size
Trees				
Acacia implexa	Lightwood	8m	*	75L
Angophora bakeri	Narrow Leaf Apple	10m	*	75L
Backhousia myrtifolia	Grey Myrtle	7m	*	75L
Corymbia maculata	Spotted Gum	30m	*	75L
Exocarpus cuppressiformis	Cherry Ballarat	8m	*	75L
Eucalyptus punctata	Grey Gum	25m	*	75L
Melaleuca decora	White Feather Honeymyrtle	6m	*	75L
Syncarpia glomulifera	Turpentine Tree	30m	*	75L
Shrubs				•
Acacia cognata ' Limelight'	Blackthorn	0.5m	*	200mm
Bursaria spinosa	Blackthorn	3m	*	200mm
Callistemon 'Better John'	Dwarf Bottletbrush	0.6-1.2m	*	200mm
Correa alba	Native Fuschia	1m	*	200mm
Doryanthes excelsa	Gymea lily	2m	*	200mm
Goodenia ovata	Hop Goodenia	1-2.5m	*	200mm
Grevillea juniperina	Juniper-leafed Grevillea	0.25-2m	*	200mm
Indigofera australis	Australian Indigo	2m	*	200mm
Ozothamnus diosmifolius	Rice Flower	2m	*	200mm
Callistemon 'Reeve's Pink'	Pink Bottlebrush	3m	*	200mm
Westringia fruticosa	Coastal Rosemary	1.2m	*	200mm
Grasses + Groundcover				1
Arthropodium milleflorum	Pale Vanilla Lilly	1.3m	5/m2	Tubestoc
Brachyscome multifida	Native Daisy	0.3m	3/m2	140mm
Dianella revoluta	Native Flax Lily	0.6m	5/m2	Tubestoc
Dianella longifolia	Flax Lily	0.5m	5/m2	Tubestoc
Goodenia hederacea	Violet Leaved Goodenia	0.3m	3/m2	140mm
Grevillea 'Cherry Cluster'	Grevillea	0.5m	4/m2	140mm
Hibbertia diffusa	Wild Guinea Flower	0.3m	*	200mm
Hardenbergia violacea	Purple Coral-pea	0.3m	4/m2	140mm
Lomandra longifolia	Spiny Mat-Rush	0.6m	5/m2	Tubestoc
Myoporum parvifolium	Creeping boobialla	0.3m	3/m2	140mm
Poa labillardieri	Tussock Grass	0.6m	5/m2	Tubestoc
Pennisetum alopecuroides 'Nafray'	Nafray Fountain Grass	0.6m	5/m2	Tubestoc
Scaevola aemula	Fan flower	0.4m	3/m2	140mm
Themeda australis	Kangaroo Grass	0.5m	4/m2	Tubestoc

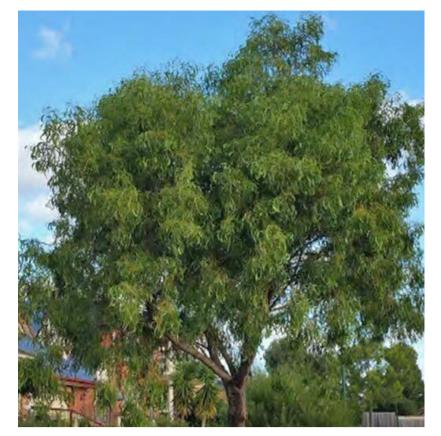
Drawing Title:

Park Plant Schedule & Imagery DWG No:

LDA-05 Suite 215, 284 Victoria Ave, Chatswood NSW 2067 Ph. (02) 9411 1485 www.geoscapes.com.au ABN 84 620 205 781 ACN 620 205 781

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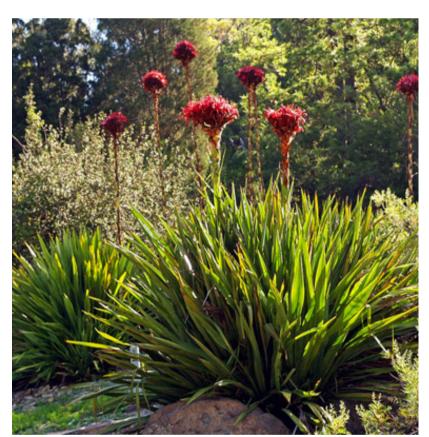
PLANT IMAGERY



Acacia implexa



Acacia cognata ' Limelight'



Doryanthes excelsa



Client:

Hardenbergia violacea



Backhousia myrtifolia



Ozothamnus diosmifolius



Poa labillardieri



Myoporum parvifolium

VANTAGER



Melaleuca decora



Grevillea juniperina



Dianella revoluta



Brachyscome multifida

Scale: AS SHOWN @ A1	Date:	Job Number:	North:	Revis	ion	FOR DEVELOPN	IENT AP	PLICATION
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		C	ADDENS, NSW					

PBD | ARCHITECTS

Architect:



Exocarpus cuppressiformis



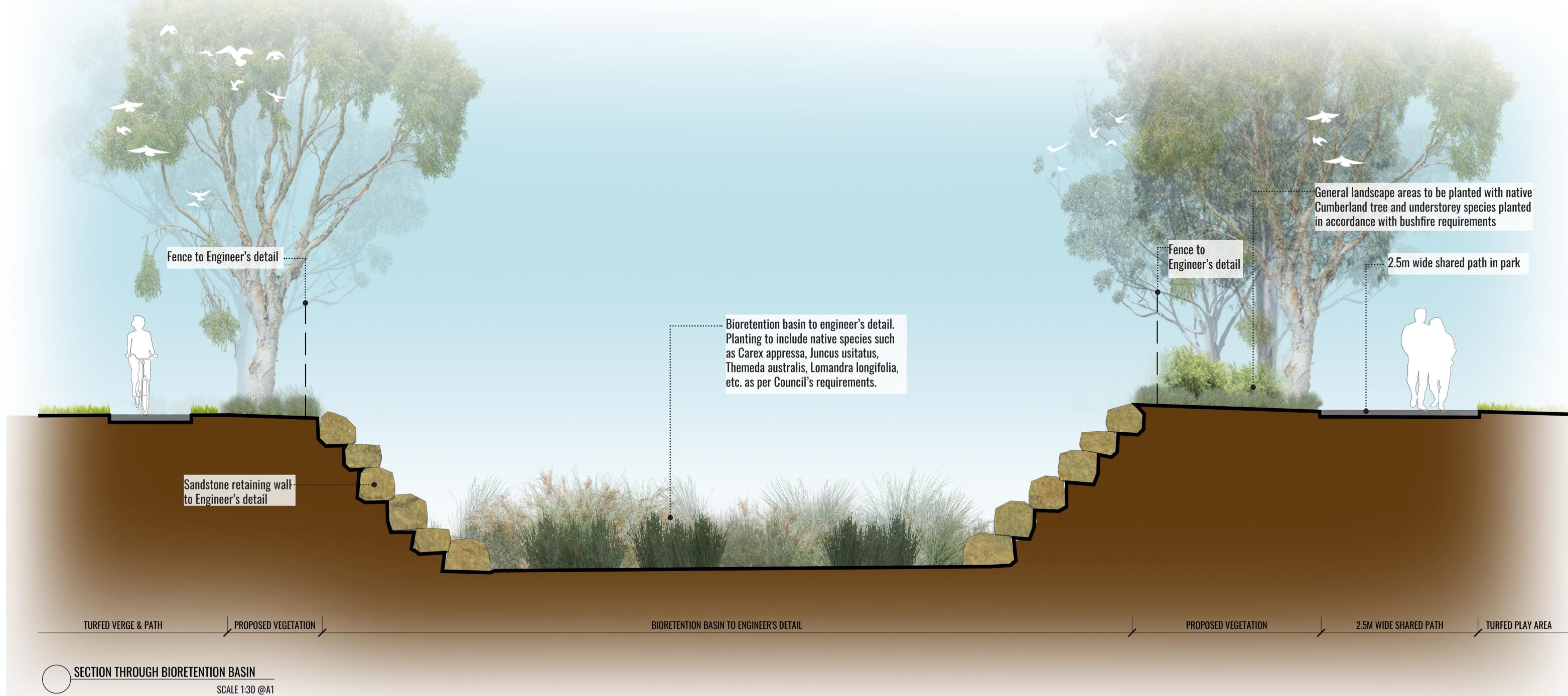
Westringia fruticosa



Arthropodium milleflorum



Lomandra longifolia



INDICATIVE BASIN PLANTING SCHEDULE

Bioretention Basin Schedule				
Detected News	0	Mature	0	Dation
Botanical Name	Common Name	Height	Spacing	Pot Size
Grasses & Sedges	·			•
Carex appressa	Tussock Sedge	1.2m	8/m2	Tubestock
Dianella caerulea	Blue-Flax Lily	1m	8/m2	Tubestock
Ficinia nodosa	Knobby Club Rush	0.8m	8/m2	Tubestock
Imperta cylindrica	Blady Grass	0.7m	8/m2	Tubestock
Juncus usitatus	Soft Rush	1m	8/m2	Tubestock
Lomandra longifolia	Spiny Headed Mat-rush	1.2m	8/m2	Tubestock
Poa siebreiana	Grey Tussock Grass	0.6m	8/m2	Tubestock
Themeda australis	Kangaroo Grass	1.5m	8/m2	Tubestock

BASIN PLANTING IMAGERY



Carex appressa

* Final plant positioning to be determined at CC stage

Drawing Title: **Bioretention Basin Section & Schedule** DWG No:

Architect: LDA-06 Suite 215, 284 Victoria Ave, Chatswood NSW 2067 Ph. (02) 9411 1485 www.geoscapes.com.au ABN 84 620 205 781 ACN 620 205 781

Dianella caerulea

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Juncus usitatus

Client:		Scale:	Date:	Job Number:	North:	Revis	ion	FOR DEVELOPM	IENT AP	PLICATION
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Lomandra longifolia

Poa siebreiana

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.

Standards

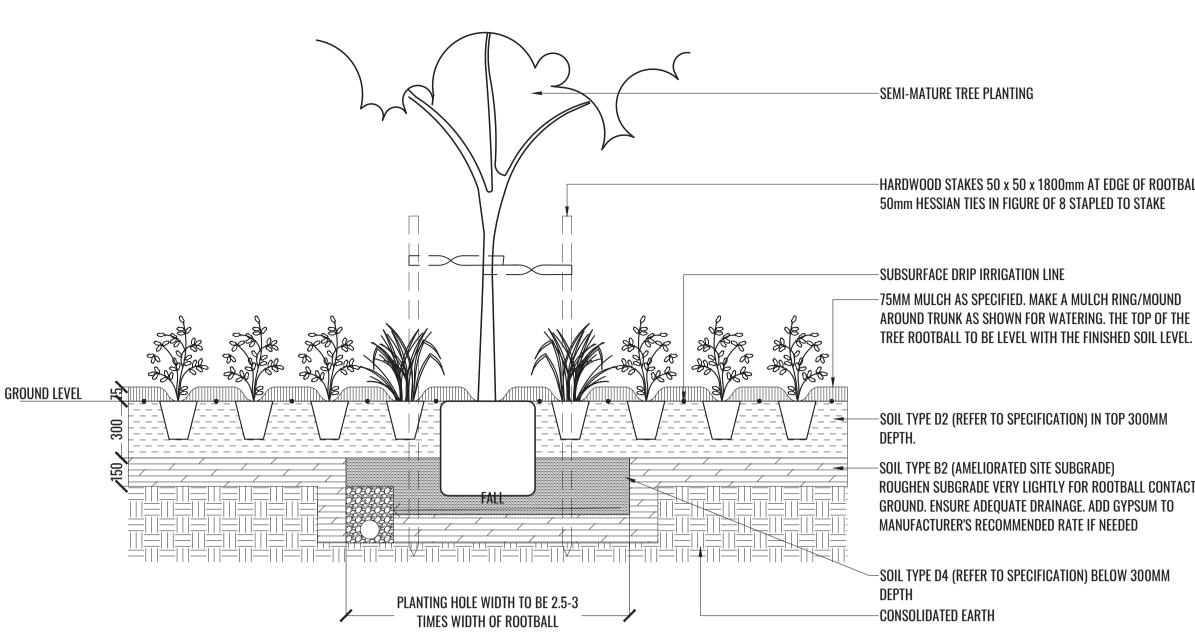
All grown or purchased plant stock must conform to all the conditions and requirements given in NATSPEC Guide: Specifying Trees. Soils to be in accordance with AS4419, mulching composts and conditioners to be in accordance with AS4454. Soils should conform to best practice specifications as listed in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

Drawing Title: Specifications & Typical Landscape Details DWG No:



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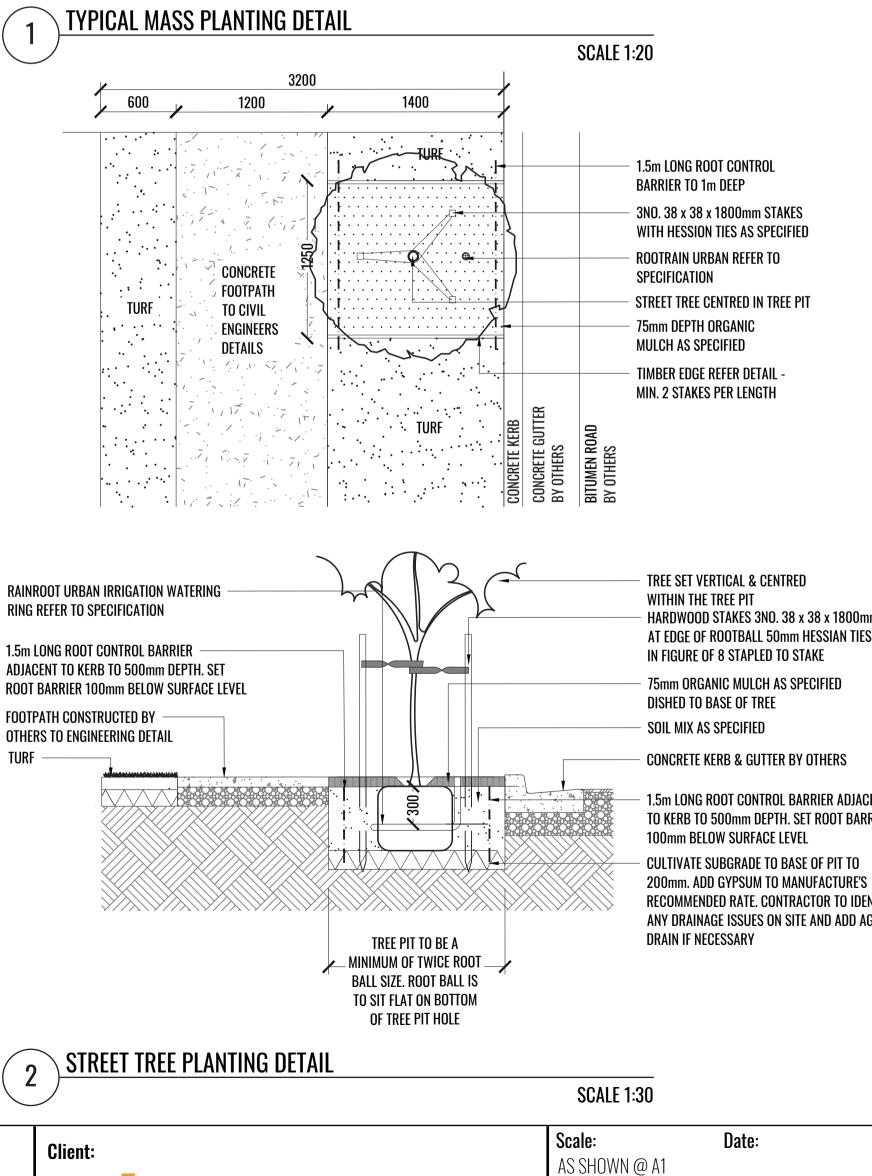
PLANT SCHEDULE AND TYPICAL DETAILS



ITH FRESH WATER BEFORE TAKING OFF POT OR BAG. WHEN PLANTING HOLE IS COMPLETE USE A SHARP SPADE TO SHAVE OFF 20/ TRALL (TO ROOD PRINE IT) REFORE CAREELILLY PLACING INTO PLANTING HOLE IE NORTH IS MARKED ON THI THE NORTH

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

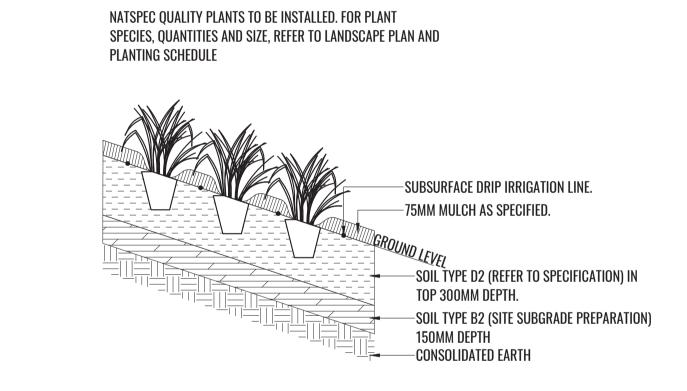




ANTAGER

PBD | ARCHITECTS

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4	FYPICAL TURF	DETA	IL			
4						SCALE 1:5
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UBESTOCK PLANTING ON 1 IN 3 SLOPE OR FLATTER

ANALXAN MAXAMALXAN MAANA MAXAMALAN MAXAMALAN MAXAMALAN MAXAMALAN MAXAMALAN MAXAMALAN MAXAMALAN MAXAMALAN MAXAMA

- TURF WITH TURF UNDERLAY (REFER TO SPECIFICATION

- SOIL TYPE C2 (ACTIVE

HIGH-TRAFFIC TURF)

SCALE 1:20

3

05.08.20

Project:

46-66 C

SOIL TYPE D4 (REFER TO SPECIFICATION) BELOW 300MN DEPTH -CONSOLIDATED EARTH

/5MM MULCH AS SPECIFIED. MAKE A MULCH RING/MOUN TREE ROOTBALL TO BE LEVEL WITH THE FINISHED SOIL LEV

-SEMI-MATURE TREE PLANTING