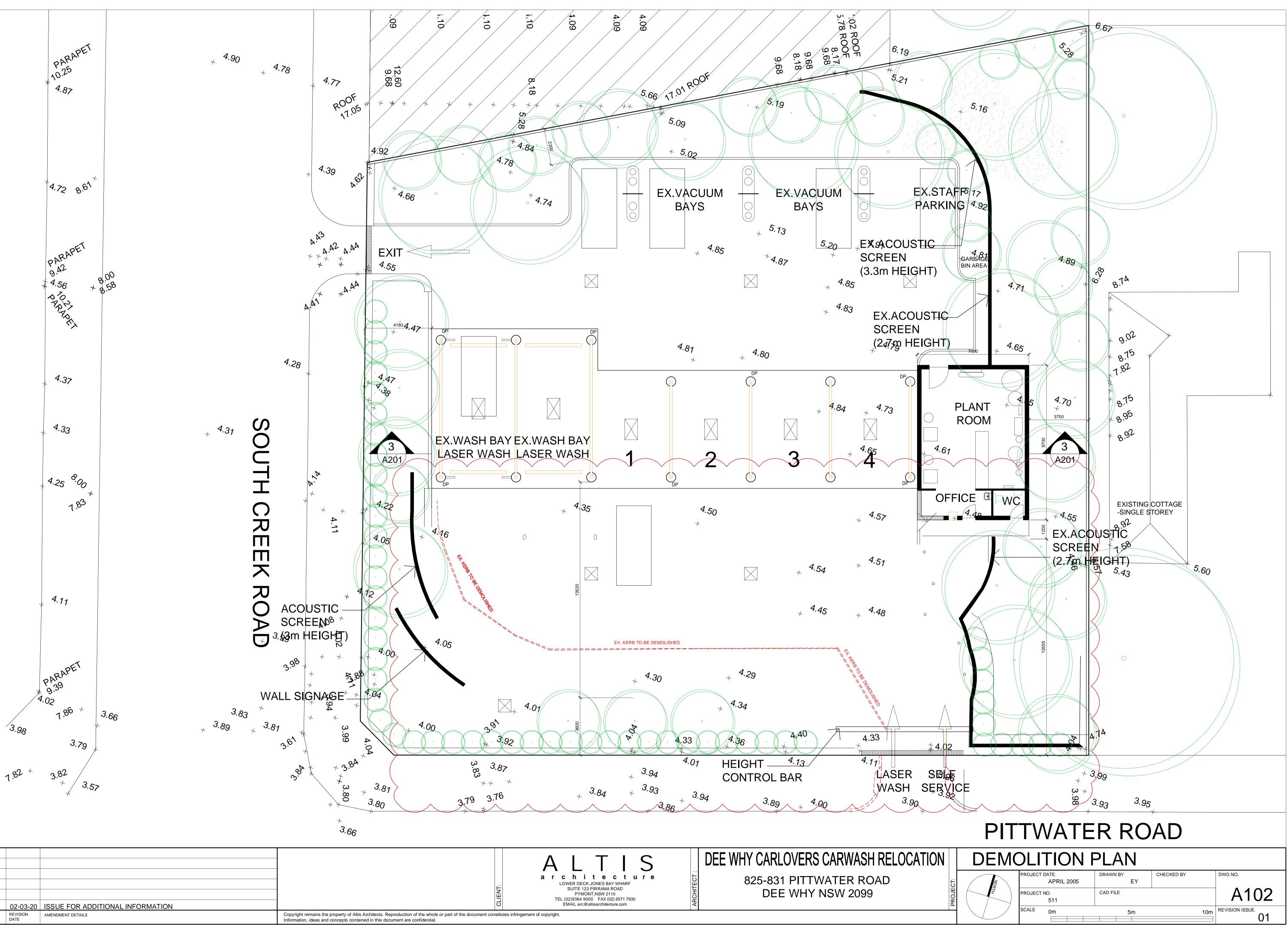
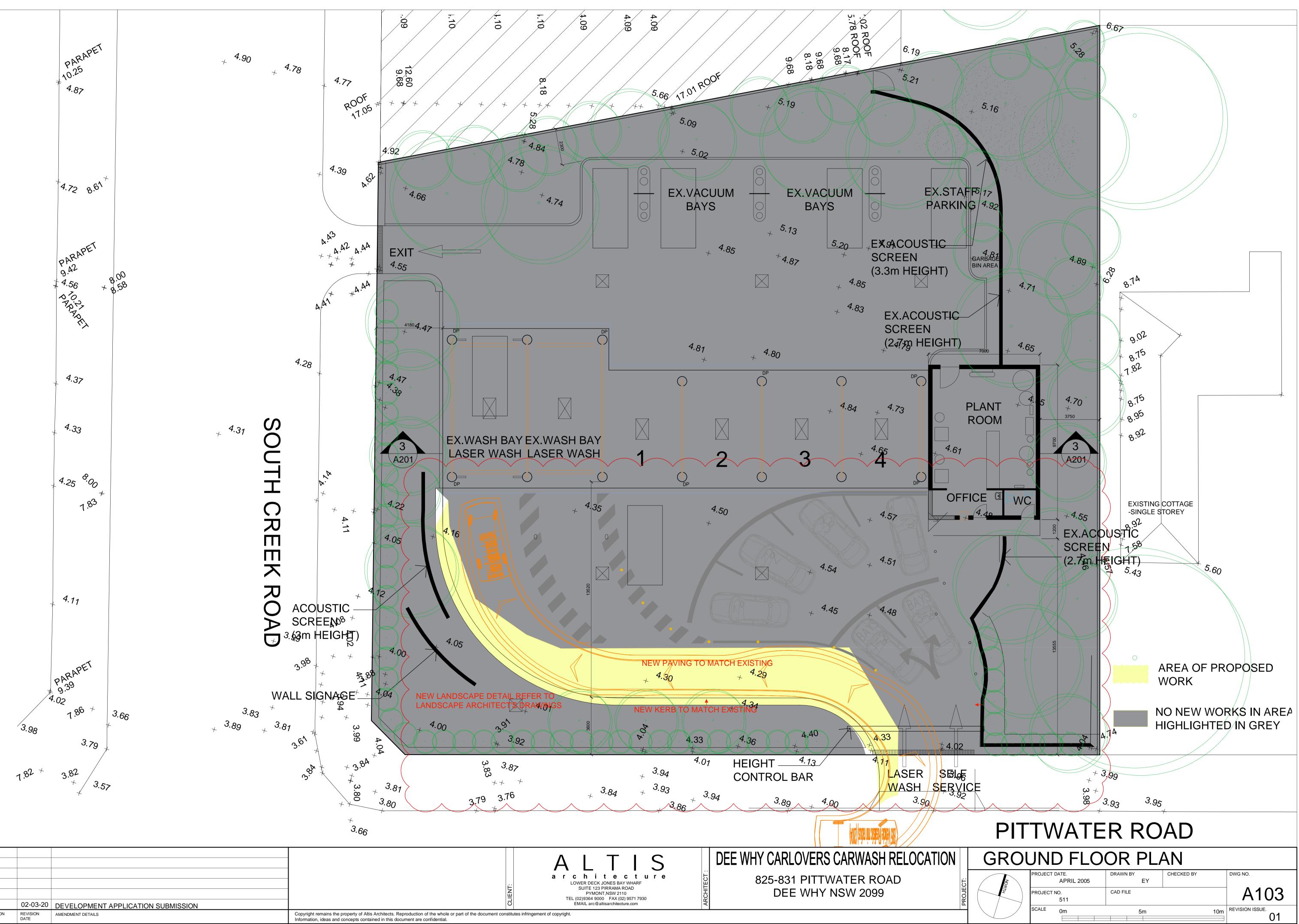


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SITE ANALYSIS				
NORT	PROJECT DATE. APRIL 2005	DRAWN BY EY	CHECKED BY	DWG NO.
Ĩ	PROJECT NO. 511	CAD FILE		A101
	SCALE Om	10m	20m	REVISION ISSUE.



01	02-03-20	ISSUE FOR ADDITIONAL INFORMATION
REVISION	REVISION DATE	AMENDMENT DETAILS

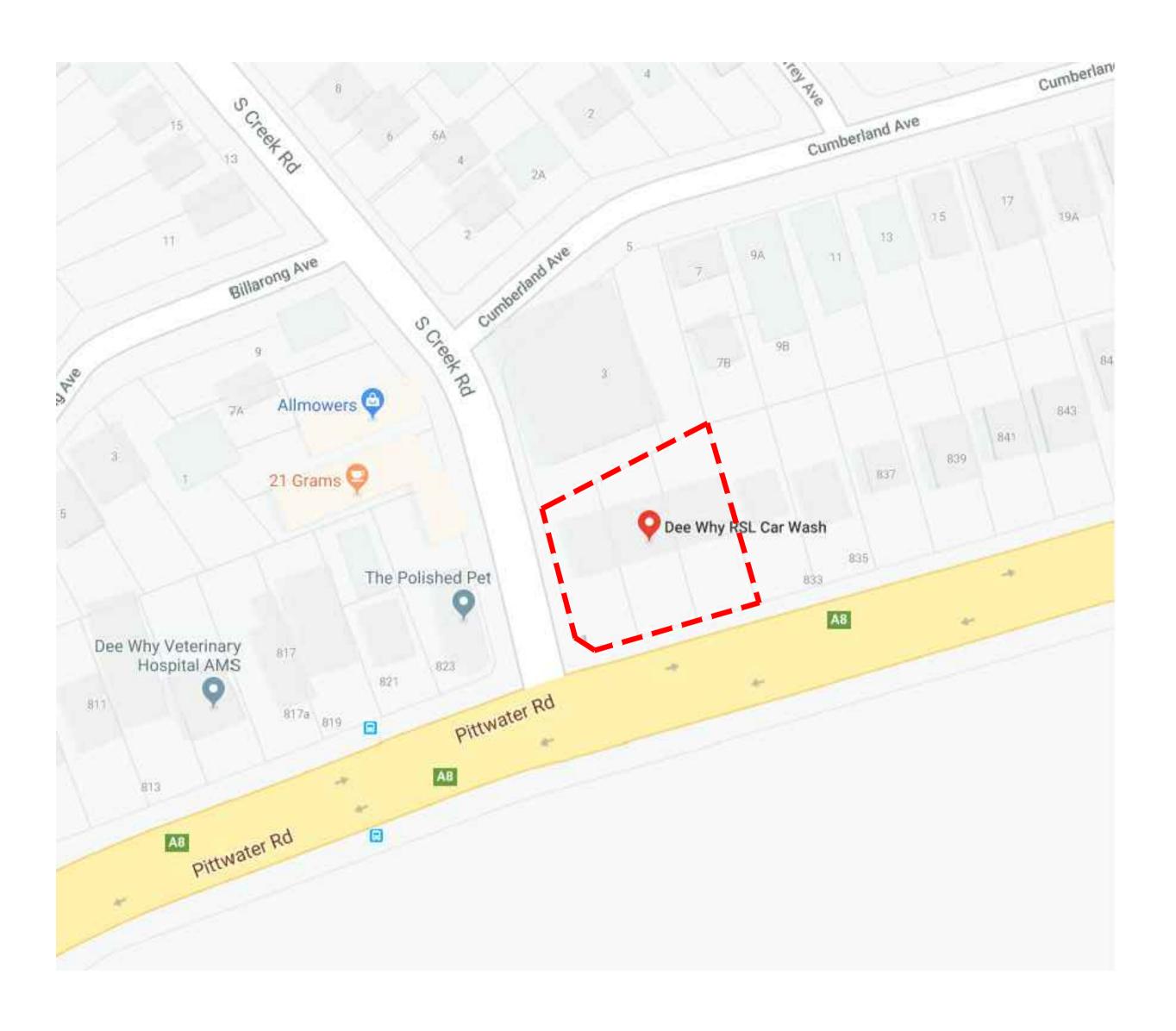


0	1	02-03-20	DEVELOPMENT APPLICATION SUBMISSION
REVIS		REVISION DATE	AMENDMENT DETAILS

Dee Why RSL Carwash Landscape Development Application 825-831 Pittwater Road

Drawing Schedule

Drawing Number	Drawing Title	Scale
000	Coversheet	N/A
C101	Colour Landscape Plan	1:100
101	Landscape plan & Planting schedule	1:100
501	Landscape specification notes & Landscape details	-

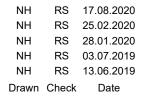


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The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

E For Approval D For Approval C For Approval B For Approval A For Approval Issue Revision Description LEGEND





Key Plan:

Key Plan

Dee Why RSL

Project: Dee Why RSL Carwash Drawing Name: Cover Sheet

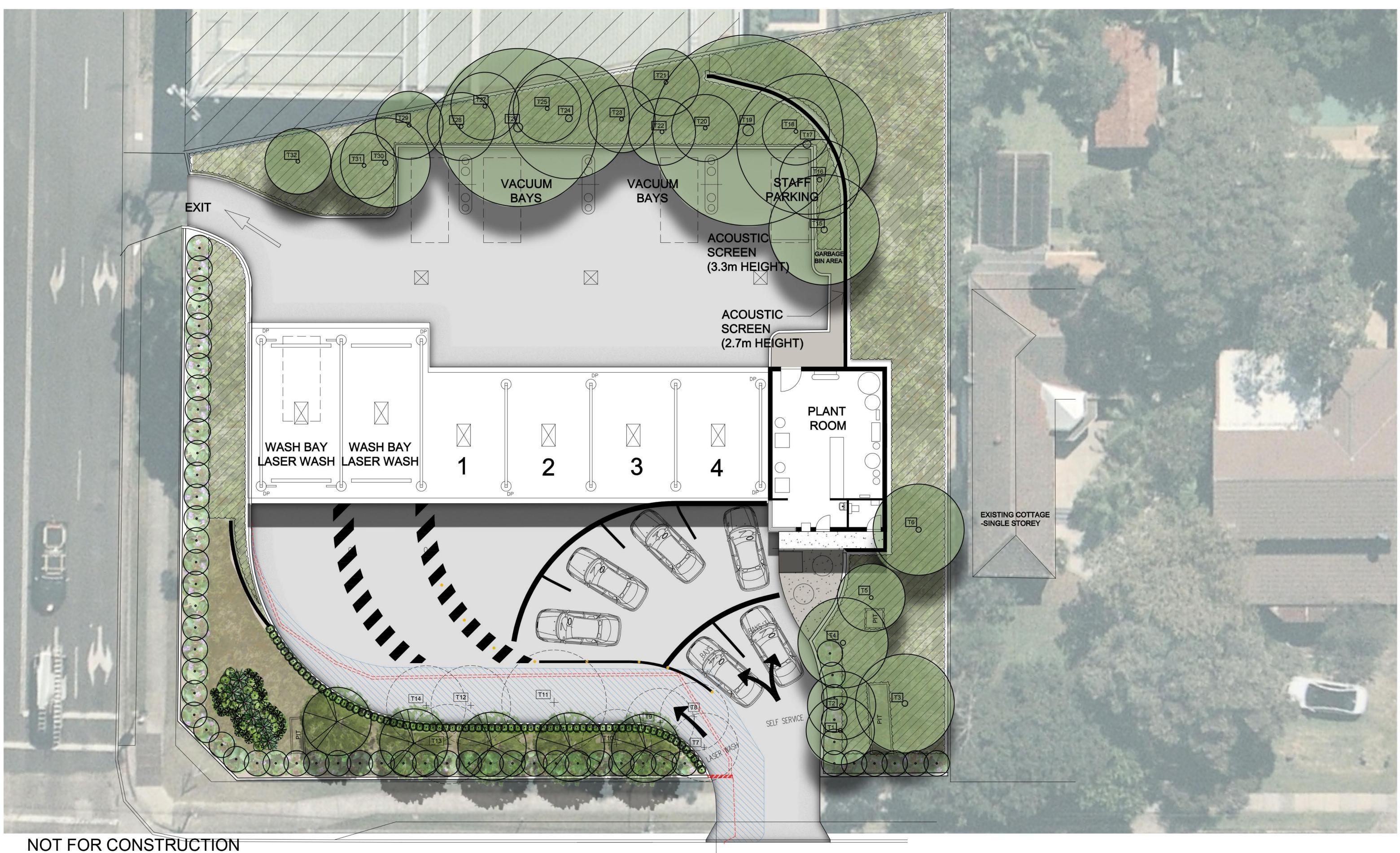
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FOR APPROVAL

Scale: Job Number: SS19-4127

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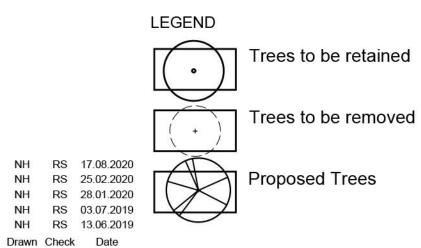


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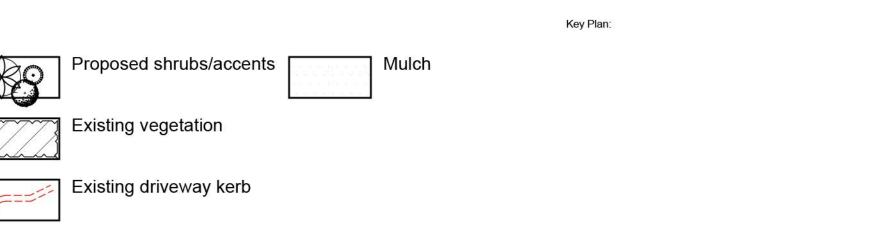
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SITE IMAGE ^{Client:} Landscape Architects Level 1, 3-5 Baptist Street Redfern NSW 2016 Australia Tel: (61 2) 8332 5600 Fax: (61 2) 9698 2877

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Dee Why RSL Carwash

Project:

Dee Why RSL

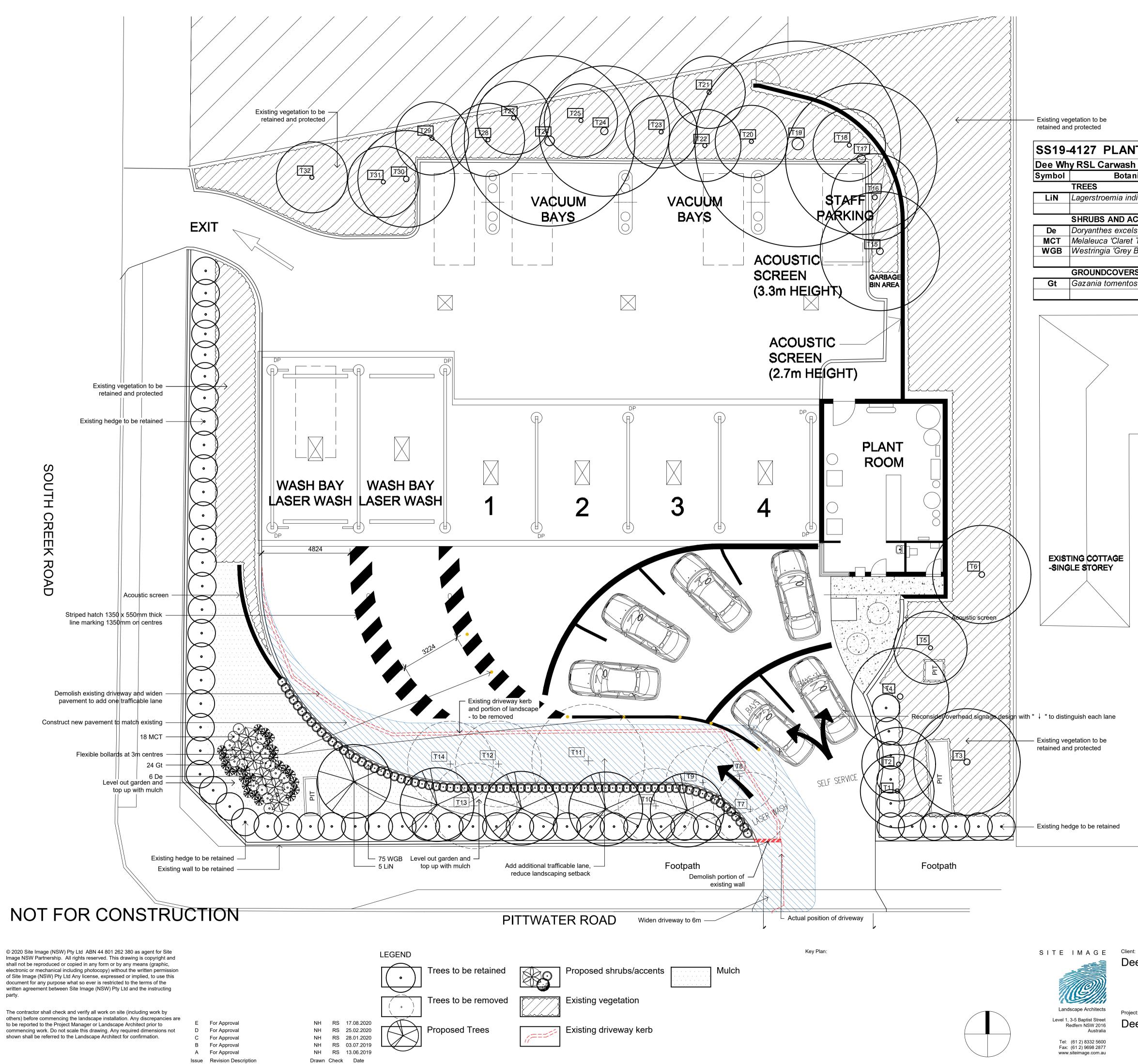
Drawing Name: Colour Landscape Plan

FOR APPROVAL

Scale: Job Number: SS19-4127

Drawing Number:

C101 E



h					
nic Name	Common Name	Spacing	Pot Size	H x W (m)	Quantity
dica 'Natchez'	Crepe Myrtle	As Shown	75L	8 x 4	5
CCENTS					
lsa	Gymea Lily	As Shown	300mm	2.5 x 2	6
t Tops'	Claret tops	As Shown	200mm	0.8 x 0.6	18
Box'	Coastal Rosemary	As Shown	200mm	0.4 x 0.4	75
RS AND GRASSES					
osa	Gazania	As Shown	150mm	0.6 x 0.6	24

Dee Why RSL

Dee Why RSL Carwash

Drawing Name: Landscape plan & Planting schedule

FOR APPROVAL

Scale: Job Number: SS19-4127

Drawing Number:

101 E

Issue:

Sheet _ of _

SPECIFICATION GENERAL NOTES

References

All plans and details included in the project documents shall be read in conjunction with this specification. All structural and civil • Soil Mix Type B works components of the landscape design shall be referenced to engineers' details and specifications. Read this specification in conjunction with the plant and materials schedules on the drawings. If in doubt about any detail or if conflicts are found in the documents, seek advice.

Workmanship and Materials

The whole of the landscape works shall be carried out by a competent, trained and gualified landscape contractor who is experienced in horticultural practices, landscape construction current Building Contractors License and/or be a financial member of LNA Landscape Association NSW & ACT or equivalent organisations in other states.

EARTHWORKS

Excavation, Trimming and Filling

Except as otherwise noted in the contract, bulk excavation is excluded from the landscape works. After the completion of bulk excavation by others, trim and fill the excavated ground surfaces to achieve design levels to accommodate finish materials as detailed. Prepare the sub-grade surface as required for the various finished ground treatments.

Sub-soil Drainage

Keep the excavated works drained and free of standing water. Allow to supply and install sub-soil drainage pipes as required for the new works to ensure that all gardens are well drained. Connect the sub-soil drainage pipes to the nearest downstream stormwater pits. Include pipe filter socks and course sharp aggregate backfilling of trenches.

HARDWORKS

Furniture, Handrails, Balustrades

Supply and install the scheduled items in accordance with the manufacturer's recommendations, as detailed and in the locations shown on plan. Provide all footings and fixings required for the items to be stable and in accordance with applicable codes and standards.

Garden Walls, Fences, Steps, TGSI and Edging

Construct garden walls, fences, steps, TGSI and edging as shown on plan, as detailed and of the material scheduled. Provide footings, step nosings, tactile surfaces to comply with **Root Barrier** standards and applicable legislation. Refer to engineer's details Supply and install root control barriers to all new tree plantings for structural retaining walls, heavy duty slabs and concrete stairs.

Continuous, Unit and Loose Pavement

Install the scheduled material pavement to the locations shown on plan.

SOFTWORKS

Subsoil

Excavate and/or fill all garden beds to bring the top of subsoil to Void Filler at least 300mm below finished design soil levels. Excavate all All Void filler material to be Atlantis "Structural Fill', or approved turf areas to bring the subsoil to at least 100mm below finished equivalent. design levels. In all areas shape the subsoil to fall to subsoil drains where applicable. Do not excavate within the drip line of **Mulch** trees and shrubs to be retained. Cultivate or rip the subsoil to a Unless noted otherwise, mulch shall be ANL "Forest Fines" further depth of 100mm before placing top soil. Remove stones approved proprietary recycled wood fibre or pine bark material. of size exceeding 25mm, clods of earth exceeding 50mm, and weeds, rubbish or other deleterious material brought to the surface during cultivation. Do not disturb services or existing tree roots. If necessary cultivate these areas by hand. During cultivation, thoroughly mix in materials required to be incorporated into the subsoil, as recommended in the soil testing results and to manufacturer's recommendations. Trim the surface to design levels again after cultivation.

Topsoil

Import topsoil for the garden and turf areas. Spread the topsoil on the prepared subsoil and grade evenly, compact lightly and uniformly in 150mm layers. Avoid differential subsidence and excess compaction and produce a finished topsoil surface which has the following characteristics:

- Finished to design levels, allowing for mulch or turf, which is Turf shall be delivered to site as 25mm minimum thick cut rolls.
- edges; • Smooth and free from inorganic matter, stones or clods of
- Graded to drain freely, without ponding, to catchment and/or sub-soil drains;
- Graded evenly to adjoining surfaces; and
- Ready for planting.

Supply and install the following imported topsoil mixes:

• Soil Mix Type A

- \circ 60% soil mix (60% coarse sand and 40% black soil),
- 10% mushroom compost, \circ 10% pine bark fines,
- 10% composted sawdust, and
- 10% composted manures.
- \circ 80% washed river sand, and 20% black soil.

Fertiliser

Provide proprietary fertilisers, delivered to the site in sealed containers marked to show manufacturer or vendor, weight, and planting techniques. The landscape contractor shall hold a fertiliser type, N:P:K ratio, recommended uses, application rates The Landscape Contractor shall rectify defects during and safety procedures. Apply appropriate fertiliser suited to the provenance of plants (indigenous or exotic) included in the design.

Plants

Supply plants in accordance with the landscape design drawings and schedules, which have the following characteristics:

- Large healthy root systems, with no evidence of root curl, restriction or damage;
- Vigorous, well established, free from disease and pests, of
- good form consistent with the species/variety; Hardened off, not soft or forced, and suitable for planting in
 Maintaining and removing stakes and ties;
- the natural climatic conditions prevailing at the site in full sun, Maintaining mulch; partial shade or full shade conditions: Grown in final containers for not less than twelve weeks;
- Trees, unless required to be multi-stemmed, shall have a single leading shoot; and
- Containers shall be free from weeds and of appropriate size in relation to the specified plant size.

Plant Installation

Following excavation of the planting hole, place and spread 15gms of wetting agent pre-mixed with one (1) litre of water. Place the plant correctly orientated to north or for best presentation. Backfill the planting holes with specified topsoil mixture. Lightly tamp and water to eliminate air pockets. Ensure that the backfill soil is not placed over the top of the root ball and that the root ball is not higher than the soil in which it is planted. Apply fertiliser, as specified around the plants in the soil at the time of planting.

adjacent to walls, paths, kerbs and all service trenches, where their proximity poses a threat to the stability of the built infrastructure. Install in accordance with manufacturer's recommendations.

Drainage Cell

All drainage cell to be Atlantis "Flo-Cell" 30mm drainage cell, or approved equivalent.

Place mulch in all garden beds to a depth of 50mm after all specified plants are installed. Keep mulch clear of all plant stems and rake to an even plane, flush with the surrounding surfaces evenly graded between design surface levels. Over fill to allow mulch to settle to the specified depth.

Stakes and Ties

Stakes shall be durable hardwood, straight, free of knots and twists, pointed at one end, in the following quantities and sizes for each of the various plant pot sizes:

- Plants (>25 lt): 1 off 38 x 38 x 1200mm;
- Semi-advanced plants (>75 lt): 2 off 50x50x 1800mm;
- Advanced (>100 lt): 3 off 50 x 50 x 2400mm.

Turf

to finish flush with adjoining hard surfaces such as paths and Obtain turf from a specialist grower of cultivated turf. Turf shall have an even thickness, free from weeds and other foreign matter. Deliver turf to the site within 24 hours of being cut and lay it within 24 hours of delivery. Prevent it form drying out between cutting and laying. Lay the turf in the following manner: • In stretcher pattern, joints staggered and close butted;

- Parallel long sides of level areas, with contours on slopes;
- To finish flush, after lightly tamping, with adjacent finished surfaces and design levels.

NH RS 17.08.2020

NH RS 25.02.2020

NH RS 28.01.2020

NH RS 03.07.2019

NH RS 13.06.2019

Drawn Check Date

IRRIGATION

For Approval

For Approval

For Approval

Issue Revision Description

B For Approval

A For Approval

LEGEND

The irrigation system shall be an automatic permanent system, with an irrigation controller self operated via a soil moisture Period). Inspect and act at least every 2 weeks. sensor. The system shall be calibrated to deliver the optimum • **Maintaining mulch** - Maintain the surface in a clean, tidy rate and volume of water appropriate to the type of plants in the and weed free condition and reinstate the mulch as design. The system shall be adjustable and fully serviceable. necessary to ensure correct depth as specified. Observe The layout of the entire irrigation system shall focus on weekly and replenish mulch as required. delivering the required amount of water to maintain healthy and • Mowing and top dressing - Mow the turf to maintain a grass height of between 30-50mm. Do not remove more than vigorous growth. The irrigation system shall be such that, component theft, vandalism, over-spray and wetting of paths one third of the grass height at any one time. Remove grass clippings from the site after each mowing. Top dress to a shall be reduced to a minimum or completely eliminated by the use of drip, pop-up sprinklers and judiciously placed fixed spray maximum of 10mm to fill depressions and hollows in the emitters. Generally do not use fine mist emitters that provide a surface. Mow weekly/fortnightly in warmer months. Mow drifting mist that may wet paths and the buildings unless monthly or as required in cooler months. Top dress at specifically required by the design. approximately 6 monthly intervals. • Irrigation and watering - Maintain the irrigation system to

LANDSCAPE MAINTENANCE

installation and that become apparent in the works under normal use for the duration of the contract Defects Liability Period. Unless contracted otherwise, the Landscape Contractor shall maintain the contract areas by the implementation of industry accepted horticultural practices for 24 months from Practical Completion of the works. The landscape maintenance works shall include, but not be limited

- Replacing failed plants;
- Pruning:
- Insect and pest control; Fertilising;
- Mowing and top dressing;
- Irrigation and watering;
- Erosion control; and Weeding and rubbish removal.

Maintenance Log Book

materials, actions and decisions have been used. implemented and concluded to keep the landscape always

Maintenance Activities

During the defects maintenance period schedule the following activities to occur on a timely basis.

- the cost of the landscape contractor unless advised Observe and replace failed plants within 2 weeks of observation.
- Insect, disease and pest control Avoid spraying: \circ if ever possible;

 - if target plants are still wet after rain;
 - \circ in windy weather; and

 if non-target species are too close. Immediately report to the Project Manager any evidence of intensive weed infestation, insect attack or disease amongst plant material. Submit all proposals to apply chemicals and obtain approval before starting this work. When approved, spray with herbicide, insecticide, fungicide as appropriate in accordance with the manufacturers' recommendations. Observe daily and act as necessary to control any infestation or disease. Record in the logbook all relevant details of spraying activities including:

- Product brand / manufacturer's name,
- Chemical / product name, Chemical contents,
- Application quantity and rate,
- Date of application and location,
- Results of application, and

 Use approval authority. • Fertilising - Fertilise gardens with a proprietary slow release fertiliser applied in accordance with the manufacturer's directions and recommendations. Apply 6-12 monthly Record in the logbook all relevant details of fertilising

- including: Product brand / manufacturer's name,
- Fertiliser / product name,
- Date of application and location.

• Stakes and ties - Adjust and replace as required to ensure plants remain correctly staked. Remove those not required at

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The contractor shall check and verify all work on site (including work by

to be reported to the Project Manager or Landscape Architect prior to

shown shall be referred to the Landscape Architect for confirmation

A1

others) before commencing the landscape installation. Any discrepancies are

commencing work. Do not scale this drawing. Any required dimensions not

Implement and keep a maintenance log book recording when and what maintenance work has been undertaken and what

looking its best. Enter data daily and review information every 2 weeks. Observe trends and develop a maintenance regime around seasonal and observed event occurrences.

• **Plant replacement** - Replace plants that have failed to mature, die or are damaged. Replacement plants shall be in a similar size and quality and identical species or variety to the plant that has failed. Replacement of plants shall be at otherwise. If the cause of the failure is due to a controllable situation then correct the situation prior to replacing plants.

 Pruning - Prune dead wood, broken limbs, dead or infected foliage and as needed to develop strong, healthy plants to achieve the shape and form expected of the plant type. Observe daily and prune plants on a needs basis.

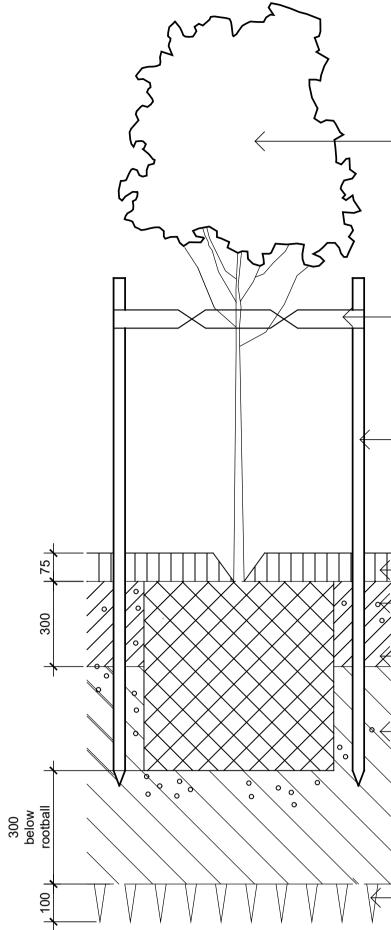
 \circ in wet weather or if wet weather is imminent;

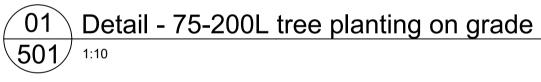
Application quantity and rate, and

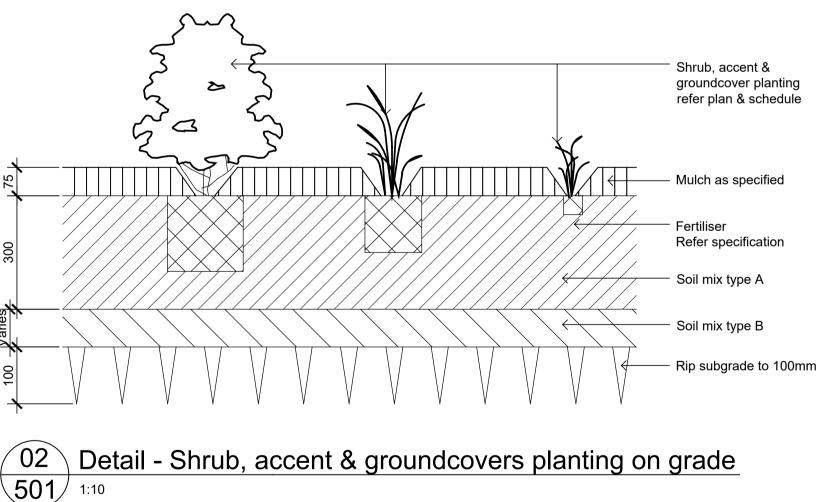
the end of the planting establishment period (Defects Liability

sure that each individual plant receives the required amount of water to maintain healthy and vigorous growth. Adjust and calibrate as required. Provide additional watering, if necessary but inspect irrigation weekly and make repairs as necessary.

- Erosion control Make any repairs necessary to soil erosion in gardens and check drainage as part of the response to an erosion event. Inspect every 2 weeks and act to repair any damage as soon as possible.
- Weeding and rubbish removal During the plant establishment period remove by hand, rubbish and weed growth that may occur or re-occur throughout all planted, mulched and paved areas. The contractor shall target weeds that are capable of producing a major infestation of unwanted plants by seed distribution. Whenever possible, time weed removal to precede flowering and seed set. Constant observation and removal of weeds is essential.









Key Plan:

– Tree planting as	olan
& schedule	ondin

Hession ties above lowest limb t prevent slipping

Hardwood timber stakes, refer to specification for no. & size drive securely into ground and avoid root ball

	- Mulch as specified
	 Fertiliser as specified
	- Topsoil mix type A
× · · · · · · · · · · · · · · · · · · ·	- Topsoil mix type B Refer specification
\setminus	
\backslash	
\mathbf{X}	
2	- Rip subgrade

Install root barrier as required Refer specification.

Dee Why RSL

Dee Why RSL Carwash

Drawing Name: Landscape specifcation notes & Landscape details

FOR APPROVAL

Scale: Job Number: SS19-4127

Drawing Number

501 E

Sheet _ of _