LANDSCAPEDA

310-314 TAREN POINT RD CARINGBAH

Drawing List

Sheet No.	Sheet Name	Sheet Size	Rev. No.	Rev. Date	Project No.
L-01	SITE PLANS/CALCULATIONS	A3	С	5/5/20	
L-02	DETAILED PLAN -GF	A3	С	5/5/20	
L-03	DETAILED PLAN - LEVEL 1 - 3	A3	С	5/5/20	
L-04	DETAILED PLAN - LEVEL 4	A3	С	5/5/20	
L-05	DETAILED PLAN-ROOF	A3	С	5/5/20	
L-06	SECTION -GF	A3	С	5/5/20	
L-07	SECTION -GF	A3	С	5/5/20	
L-08	PLANTING DETAILS	A3	С	5/5/20	
L-09	EXISTING TREE	A3	С	5/5/20	
L-10	NOTES	A3	С	5/5/20	
L-11	SPECIFICATION	A3	С	5/5/20	

5/5/20 ISSUE DATE COMMENT

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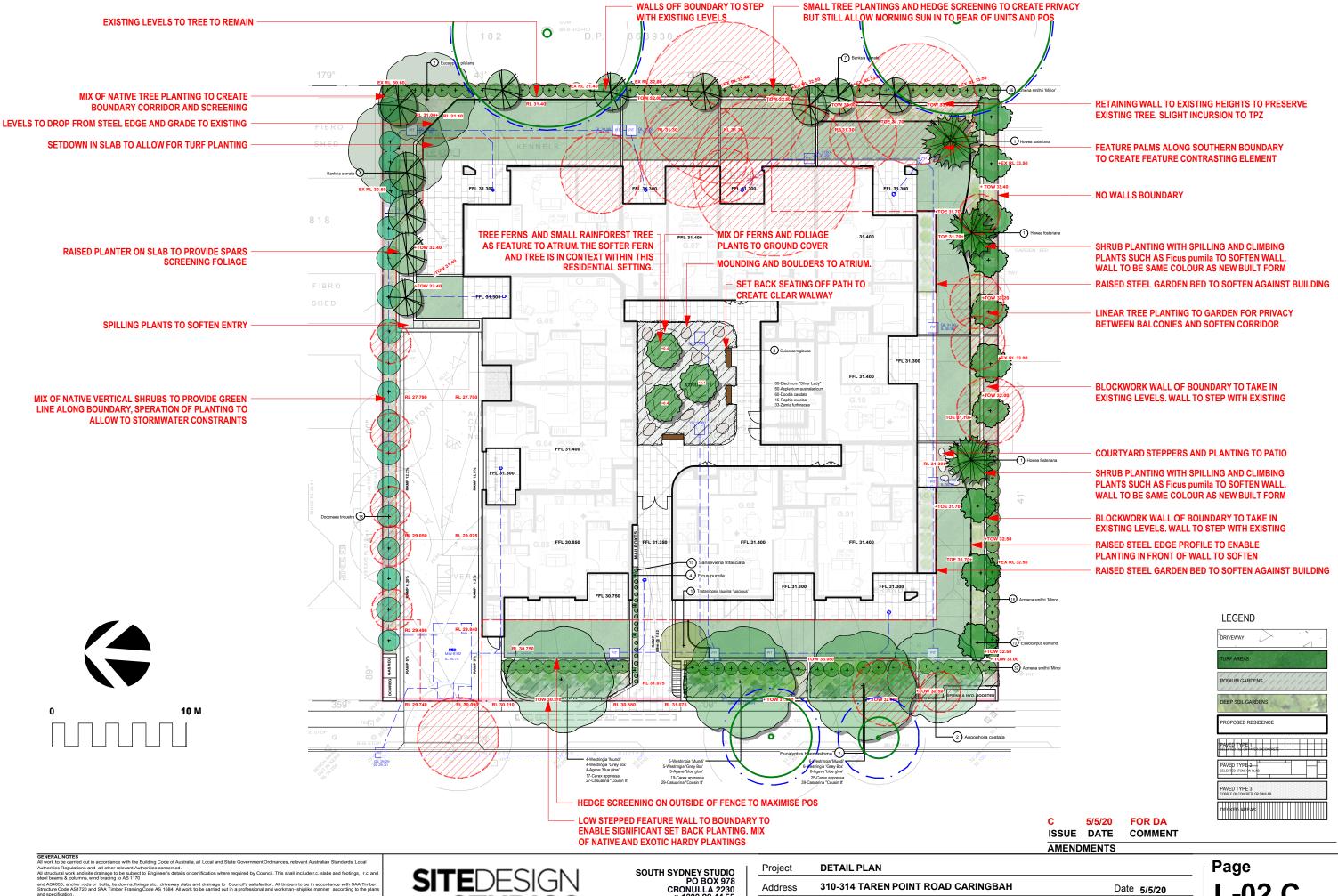
AMENDMENTS

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DETAIL PLAN Project 310-314 TAREN POINT ROAD CARINGBAH Address Date 5/5/20 Drawing Title SITE PLANS/CALCULATIONS

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Drawing Title **DETAILED PLAN -GF** Scale 1:250@A3

L-02 C



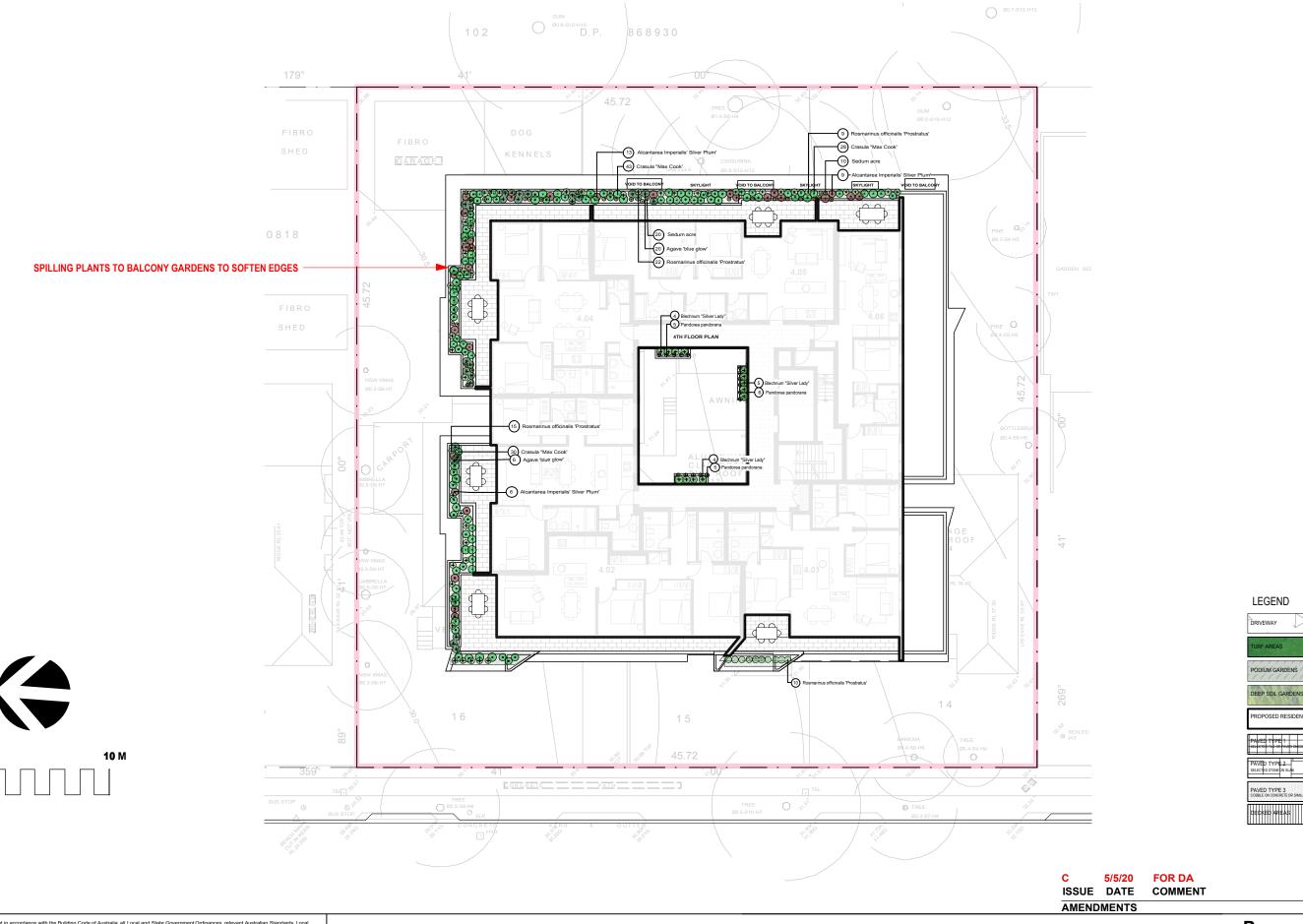
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L-03 C



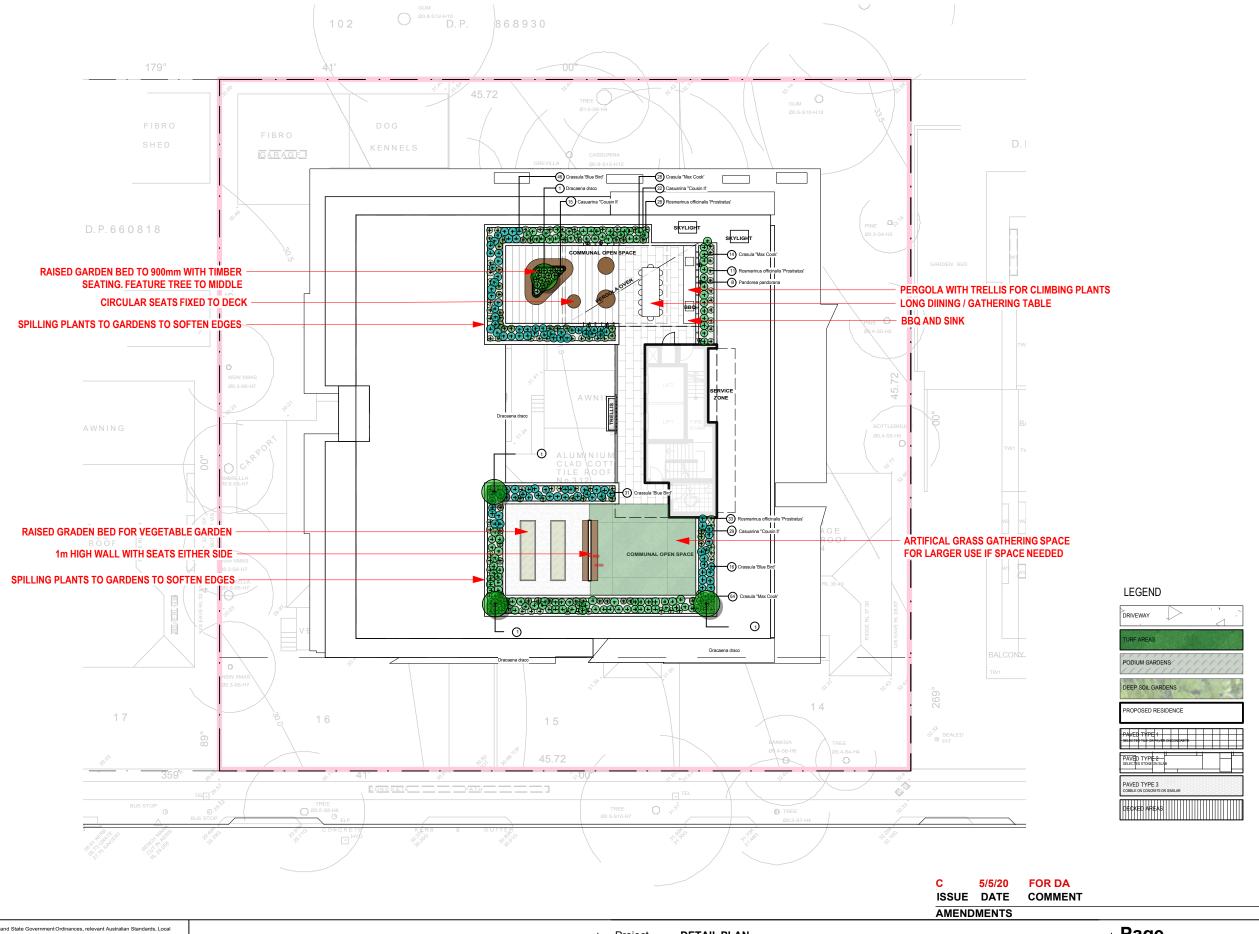
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GENERAL NOTES
All work to be carried out in accordance with the Building Code of Australia, all Local and State Government Ordinances, relevant Australian Standards, Local
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All structural work and site drainage to be subject to Engineer's details or certification where required by Council. This shall include r.c. slabs and footings, r.c. an
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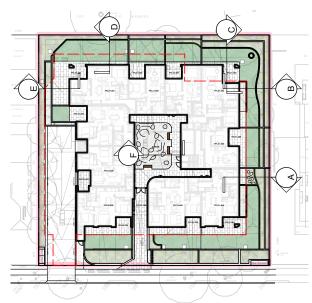
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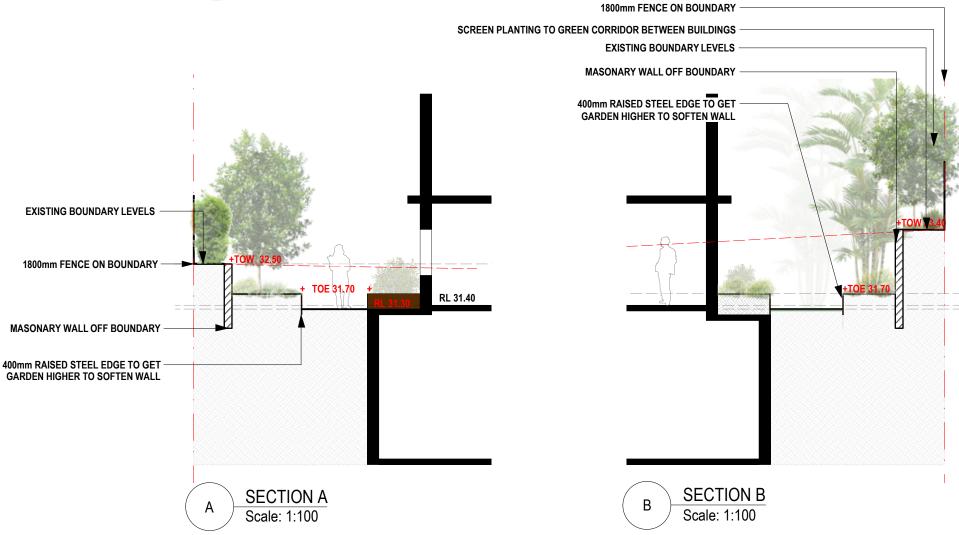


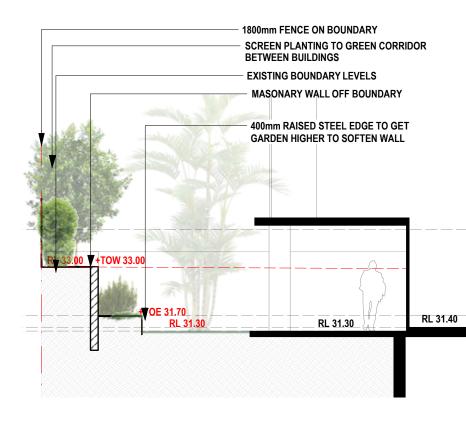
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Project	DETAIL PLAN					
Address	310-314 TAREN POINT ROAD CARINGBAH	Date 5/5/20				
Drawing Title DETAILED PLAN-ROOF Scale 1:250@A3						

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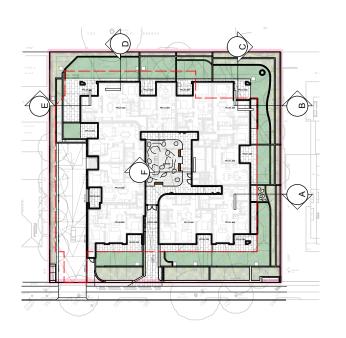


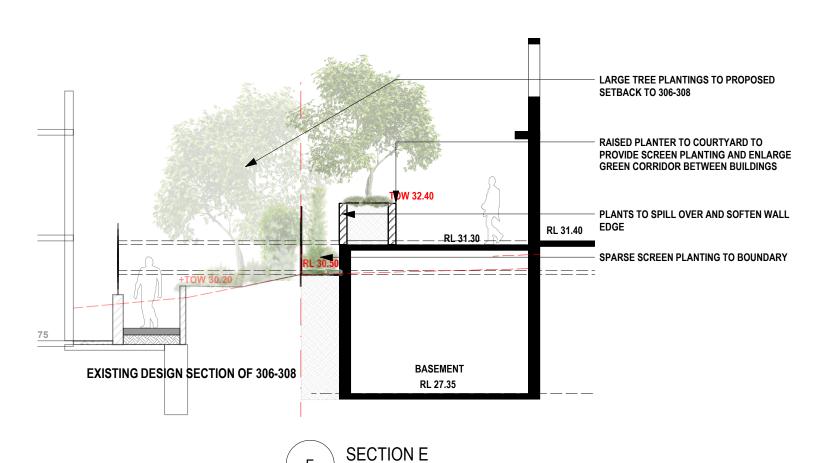
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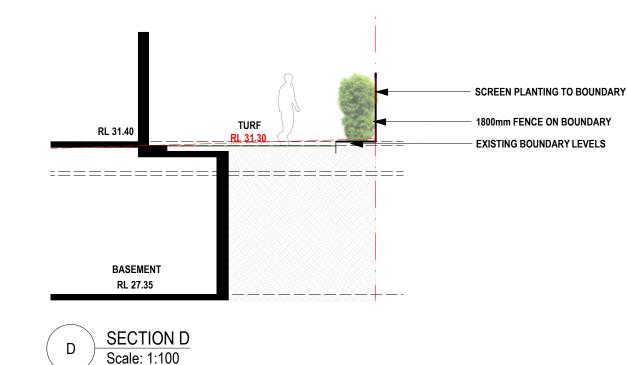
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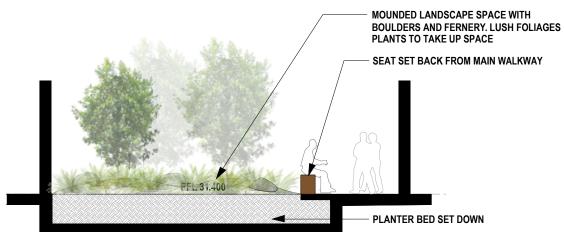
DETAIL PLAN

310-314 TAREN POINT ROAD CARINGBAH Address Date 5/5/20 Drawing Title **SECTION -GF** Scale 1:250@A3











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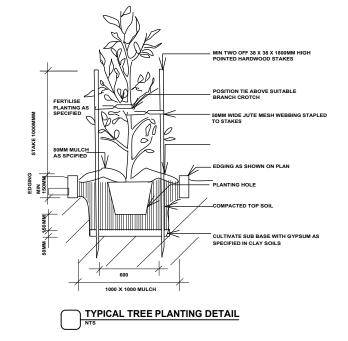
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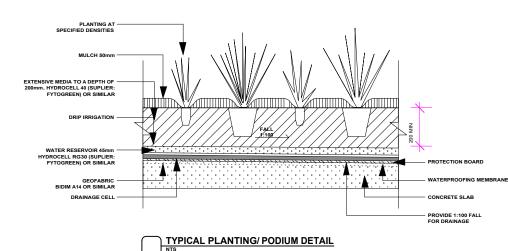
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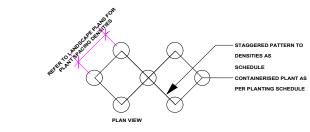
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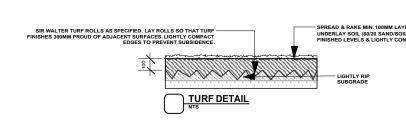
Plant List

ID	Botanical Name	Common Name	Scheduled Size	Mature Height	Mature Spread
Trees					
ACost	Angophora costata	Sydney Red Gum, Smooth-barked Apple	45L	15 - 20m	6 - 10m
Ban-ser	Banksia serrata	Old Man Banksia	45L	3-4m	2-4m
dra-dra	Dracaena draco	Red edged dragon tree	45L	3 - 5m	1.2 - 2.0m
EE	Elaeocarpus eumundi	Smoothed leaved Quandong	45L	5 - 10m	2.0 - 3.5m
EH	Eucalyptus haemastoma	Scribbly Gum	75L	10 - 15m	6 - 10m
EU P	Eucalyptus pilularis	Blackbutt	75L	over 30m	6 - 10m
GS	Guioa semiglauca	Guioa	45L	8m	4m
HFost	Howea fosteriana	Kentia Palm	45L	5 - 10m	3.5 - 6m
TLaur-lus	Tristaniopsis laurina 'luscious'	Kanooka, Water Gum	45L	5 - 10m	3.5 - 6m
Shrubs					
Acm-smi	Acmena smithii 'Minor'	Lillypilly	200mm	2-3m	2m
Ag- bg	Agave 'blue glow'		200mm	0.6m	0.9m
dod-tri	Dodonaea triquetra	Common Hop Bush	200mm	1.5 - 3m	1.2 - 2.0m
rap-exc	Raphis excelsa	Lady Palm	300mm	3 - 5m	2.0 - 3.5m
wes-gb	Westringia 'Grey Box'	Grey Box' Westringia	200mm	0.9m	0.6m
Wes-mun	Westringia 'Mundi'	Dwarf Coastal Rosemary	200mm	0.6m	0.9m
Ground Covers					
alc-imp-1	Alcantarea Imperialis' Silver Plum'	Silver plum	150mm	0.5-1m	0.5-1m
Ble-sl	Blechnum "Silver Lady"	Fishbone Water Fern	150mm	0.75 - 0.9m	0.3 - 0.6m
cas'ci'	Casuarina "Cousin It'	Casuarina "Cousin It"	150mm	0.0 - 0.3m	1.2 - 2.0m
Cra bl 'jp'-1	Crassula 'Blue Bird'	mini jade	150mm	0.0 - 0.3m	0.3 - 0.6m
Cra-mc	Crasula "Max Cook'		150mm	0.0 - 0.3m	0.3 - 0.6m
Fic-pum	Ficus pumila	Creeping Fig	150mm	variable	variable
Pan-pan	Pandorea pandorana	Wonga Wonga Vine	150mm	3m	2m
Ro-off'Pro	Rosmarinus officinalis 'Prostratus'	Trailing rosemary;Creeping Rosemary	200mm	0.5 m	1.2 - 2.0m
San-tri	Sansevieria trifasciata	snake plant	150mm	0.45 - 0.6m	0.0 - 0.3m
sed-acr	Sedum acre	Goldmoss	150mm	0.0 - 0.3m	0.3 - 0.6m
zam-fu	Zamia furfuracea	Cardboard Plant	150mm	0.5m	0.6 m
Grasses					
cag-ap	Carex appressa	Tall Sedge	150mm	0.8m	1m
asp-aus	Asplenium australasicum	Birds Nest Fern	150mm	1m	1.2m
doo-cau	Doodia caudata	Small Rasp Fern	150mm	0.6 - 0.75m	0.0 - 0.3m

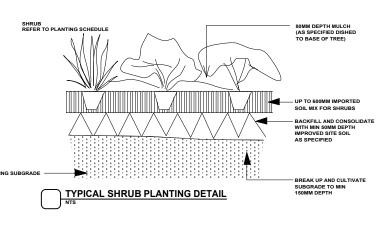








DETAIL PLAN



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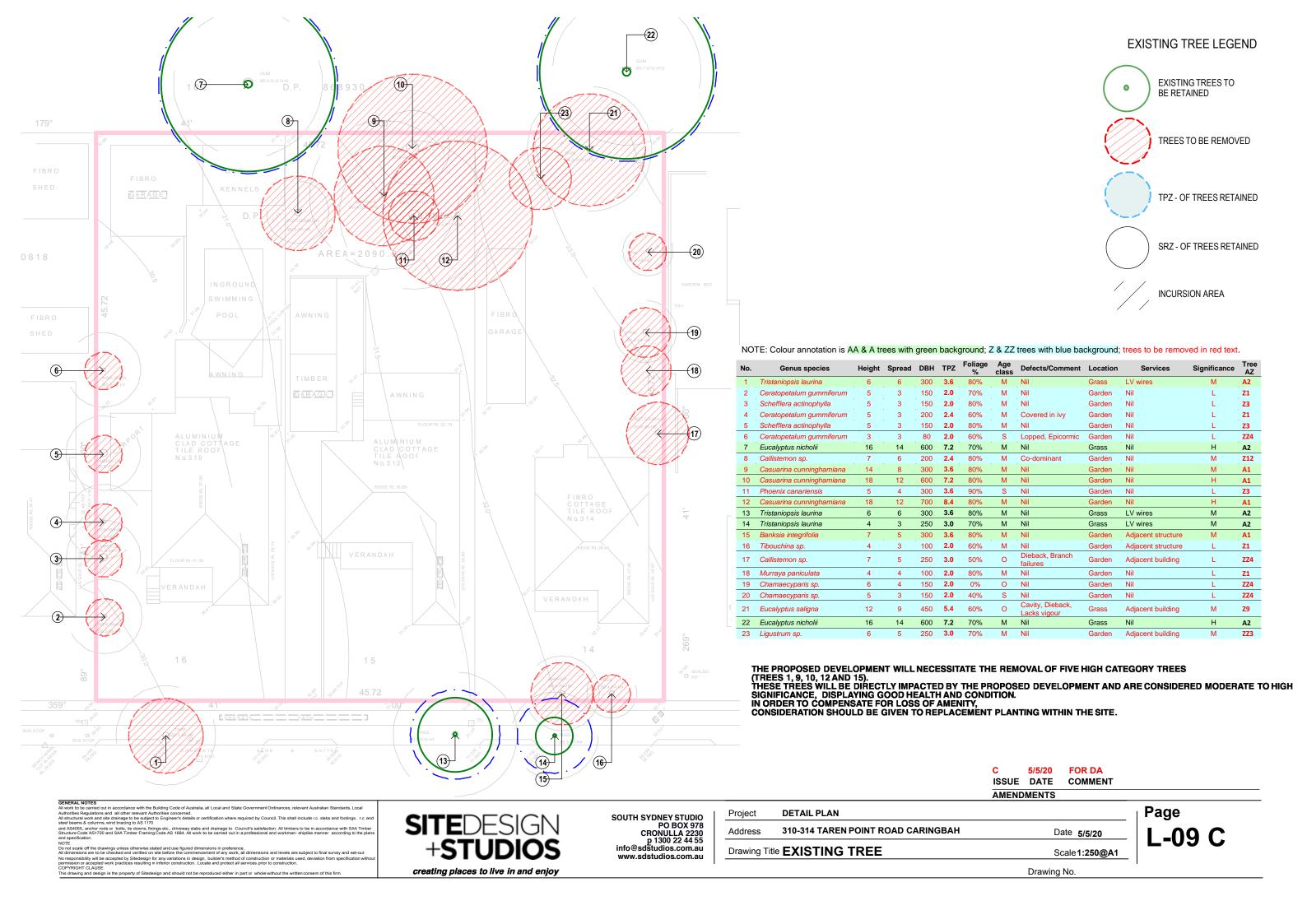
AMENDMENTS

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Project 310-314 TAREN POINT ROAD CARINGBAH Address Date 5/5/20 Drawing Title **PLANTING DETAILS** Scale NTS



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LANDSCAPE MAINTENANCE NOTES

MONTH	MOWING EDGING BLOWING	(SEASOL)	CHECK IRRIGATION	HAND WEED REMOVAL	PRUNING	SPARAYING	WATERING/ IRRIGATION	PLANT REPLACEMENT IF REQUIRED
DEC	W	M	М	W	F	М	D	W
JAN	W	M	М	W	F	М	D	w
FEB	W	M	М	W	F	М	D	W
MAR	F	M	М	F	M	М	D	w
APR	F	N/A	М	F	M	М	D	W
MAY	F	N/A	М	M	M	М	D	W
JUNE	M	N/A	М	M	N/A	N/A	2ND D	W
JULY	М	N/A	М	M	N/A	N/A	2ND D	w
AUG	М	N/A	М	M	N/A	N/A	2ND D	W
SEP	М	M	М	M	N/A	N/A	2ND D	W
OCT	F	F	М	F	M	М	D	W
NOV	F	F	M	F	M	M	D	w

EXEMPT TREE REMOVAL

Any declared noxious plant. The applicant is to ensure that all noxious plants are properly identified and controlled/removed. iv) Any tree species exempted by the Sutherland Shire Local Environmental Plan 2015.

PLAN NOTES

This plan should be read in conjunction with the architectural and hydraulics plans. Work specific to these plans should be prepared in accordance to these plans, including specification and details prior to the installation of landscaping, and should not be altered or compromised during landscape construction

Retaining wall details to engineers design.

Elements such as drainage swales may be incorporated in garden bed areas (using non-floatable mulch) without compromising the capacity or form

The Design & location of new letter boxes shall be in accordance with Australia Post's "Requirements for Delivery of Mail to Residential Premises" published Feb '97. All noxious weeds listed in Councils weed lists & locate on the site shall be continually removed & suppressed. Reinstate all boundary fencing in poor condition with Council approved 1.8m fencing to rear of building line, rake to 1m forward of BL. Pollution, sediment & erosion control devices as specified shall be in place, and maintained for the duration of the construction period. Proposed excavation near existing established trees to be supervised by arborist.

This plan has been prepared for DA approval only, not for construction

Planting proposed using commercially available plant species selected from local planting lists and the BASIX local plant list

D.A approved landscape plan's are required to be constructed as approved to obtain occupancy certificate.

EXTERNAL LIGHTING - (AMENITY)

To ensure that any lighting on the site does not cause a nuisance to neighbours or motorists on nearby roads:

Design

All lighting must be designed in accordance with Australian Standard AS4282 -Control of the Obtrusive Effects of Outdoor Lighting.

Ongoing

All lighting must be operated and maintained in accordance with the Standard above.

IRRIGATION NOTE

ALL GARDENS TO HAVE INSTALLED A DRIP IRRIGATION SYSTEM CONTROLLED FROM WITHIN THE STORE AND RUN OF TANK WATER (POSSIBLE TOWN WATER TOP UP). IRRIGATION SYSTEM CAN BE DESIGNED AND INSTALLED BY SITEDESIGN + IRRIGATION

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MAINTENANCE GENERAL NOTES

SECTION C: LANDSCAPE MAINTENANCE SPECIFICATION 1.0 SCOPE

1.1 PERIOD
The 52 week Planting Establishment Period commences at the date of registration of the repective plan.
The contractor is to also allow for maintenance from the date of Practical Completion to the start date of the 52 week Planting Establishment Period. The allowance shall be for a weekly rate which will then be implemented until the formal maintenance period commences.

1.2 PROGRAM

Furnish a proposed planting mainte

1.3 MAINTENANCE LOGBOOK ing maintenance program with the tender.

Contractor to keep a maintenance record of works carried out on a monthly basis. Log should include but not limited to: - Activities carried out during each attendance;

- Irregularities encountered and actions taken;
NB: Maintenance payments will be evaluated on submission of monthly logbooks.
1.4 RECURRENT WORKS

Throughout the Planting Establishment Period, continue to carry out recurrent works of a maintenance nature including, but not limited to, watering, mowing, weeding, rubbish removal, fertilising, pest and disease control, staking and tying, replanting, cultivating, pruning and keeping the site neat and tidy. All rubbish related to шили в по утту, гернатиту, сипуацту, ргилту and keeping the site neat and tidy. All rubbish relalandscape works shall be removed by the landscape contractor before it is allowed to accumulate.

1.5 PLANTING

Commence recurrent planting maintenance works at the completion of planting. Ensure the stock arriving on site is protected and maintained for healthy growth.

1.6 REPLACEMENTS

Continue to replace failed, damaged or stolen plants for the extent of the Planting Establishment Period. 1.7 MULCHED SURFACES

Maintain the surface in a clean and tidy condition and reinstate the mulch as necessary

1.8 GRASSED AREAS Commence grass maintenance works at the completion of turfing, and continue to carry out grass maintenance throughout the contract and Planting Establishment Period, maintaining healthy weed free growth.

Adjust or replace as required. Remove those not required at the end of the Planting Establishment Period.

1.10 WATERING/ IRRIGATION

An irrigation system is to be installed to all mass planted beds and new tree planting, conntected to a pump and

the rainwater tank /OSD tank. Install one tap near the front boundary (Wurrook Circuit) and one tap on the rear (eastern) boundary. This system shall be installed and maintained for the duration of the maintenance period (52 weeks) and in perpetuity of the development. All irrigation works shall be performed by a licensed irrigation contractor. Materials to be used are to be submitted to the site superintendent for approval. The contractor shall provide design drawings and material specifications/samples prior to commencing work. All works are to be conducted to all current and relevant Australian Standards.

The contractor is to be completely responsible for the coordination of the installation of the irrigation system with other services throughout the site. Recommended flow rates: The system shall be set up on a trial basis and them adjusted to suit the local requirements and conditions. Once the system is satisfactorily adjusted the contractor shall make fortnightly visits within the establishment period to ensure satisfactory performance of the system and to adjust the watering periods as required. A minimum even coverage of 25mm of water per week is

2.0 REPORTS

2.1 I ANDSCAPE MAINTENANCE REPORT

'Landscape Maintenance Reports' shall be submitted to the Principle Certifying Authority by the contractor verifying that satisfactory maintenance of the landscape works has been undertaken and that any necessary rectification measures have been carried out to a high professional standard. This documentation is to be submitted through the plant establishment period.

5/5/20 **FOR DA** ISSUE DATE COMMENT

AMENDMENTS

GENERAL NOTES

All work to be carried out in accordance with the Building Code of Australia, all Local and State Government Ordinances, relevant Australian Standards, Local
Authorities Regulations and all other relevant Authorities concerned.

All structural work and site drainage to be subject to Engineer's details or certification where required by Council. This shall include r.c. slabs and footings, r.c. and
stee beams & columns, wind bracing to AS 1170

and AS4055, anchor rods or botts, tie downs, fixings etc., driveway slabs and drainage to Council's satisfaction. All timbers to be in accordance with SAA Timber
Structure Code AS1720 and SAA Timber Framing Code AS 1684. All work to be carried out in a professional and workman-shiplike manner according to the plans
and specification.

NOTE

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Ob not scale off the drawings unless otherwise stated and use figured dimensions in preference.
All dimensions are to be checked and verified on site before the commencement of any work, all dimensions and levels are subject to final survey and set-out
No responsibility will be accepted by Stifedesign for any variations in design, builder's method of construction or materials used, deviation from specification wit
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١	Project	DETAIL PLAN	
	Address	310-314 TAREN POINT ROAD CARINGBAH	Date 5/5/20
	Drawing Ti	itle NOTES	Scale NTS

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LANDSCAPE WORK SPECIFICATION

PRELIMINARIES

1 01 GENERAL

The following general conditions should be considered prior to the commencement of landscape works:

The landscape plans should be read in conjunction with the architectural plans, hydraulic plans, service plans and survey prepared for the proposed development

All services including existing drainage should be accurately located prior to the commencement of landscape installation. Any proposed tree planting which falls close to services will be relocated on site under the instruction of the landscape architect.

Installation of conduit for required irrigation, electrical and other services shall be completed prior to the commencement of hardscape works and hardstand pours.

All outdoor lighting specified by architect or client to be installed by qualified electrician

Anomalies that occur in these plans should be brought to our immediate attention.

Where an Australian Standard applies for any landscape material testing or installation technique, that

standard shall be followed

1.02 PROTECTION OF ADJACENT FINISHES

The Contractor shall take all precautions to prevent damage to all or any adjacent finishes by providing adequate protection to these areas / surfaces prior to the commencement of the Works

1 03 PROTECTION OF EXISTING TREES

Existing trees identified to be retained shall be done so in accordance with NATSPEC Guide 2 "A Guide to Assessing Tree Quality". Where general works

Existing trees designated on the drawing for retention shall be protected at all times during the construction period. Any soil within the drip-line of existing trees shall be excavated and removed by hand only. No stockpiling shall occur within the root zone of existing trees to be retained

Any roots larger in diameter than 50mm shall only be severed under instruction by a qualified arborist. Roots smaller than 50mm diameter shall be cut

Temporary fencing shall be installed around the base of all trees to be retained prior to the commencement of landscape works. Where possible this fencing will be located around the drip line of these trees, or a minimum of 3m from the trunk. The fencing shall be maintained for the full construction period.

1.04 FROSION & POLITITION CONTROL

The Contractor shall take all proper precautions to prevent the erosion of soil from the subject site. The contractor shall install erosion & sediment control barriers and as required by council, and maintain these barriers throughout the construction period. Note that the sediment control measures adopted should reflect the soil type and erosion characteristics of the site.

Frosion & pollution control measures shall incorporate the following

- Construction of a sediment trap at the vehicle access point to the subject site.
- Sediment fencing using a geotextile filter fabric in the location indicated on the erosion control plan or as instructed on

site by the landscape architect.

- Earth banks to prevent scour of stockpile
- Sandbag kerb sediment traps
- Exposed banks shall be pegged with an approved Jute matting in preparation for mass planting

Refer to "Sitewise Reference Kit" as prepared by DLWC & WSROC (1997) for construction techniques

SOIL WORKS

Specified Soil Conditioner (Generally to improve site soil)

The specified soil conditioner for site top-soil improvement shall be an organic mix, equal to "Botany Humus", as supplied by ANL. Note that for sites where soil testing indicates toxins or extremes in pH, or soils that are extremely poor, allow to excavate and supply 300mm of imported soil mix.

New gardens & proposed Planting

New garden and planting areas shall consist of a 50/50 mix of clean site soil (refer d) below) and imported "Organic Garden Mix" as supplied by ANL or approved equal, All mixes are to comply with AS 4419 Soils for landscaping & garden use, & AS 4454 Composts, Soil conditioners & mulches, Specified Soil Mix - Turf

The specified soil mix for all turf areas shall be a min 75mm layer of imported soil mix consisting of 80% washed river sand (reasonably coarse), and 20% composted organic matter equivalent to mushroom compost or soil conditioner, or other approved lawn top dress

Site Topsoil

Site topsoil is to be clean and free of unwanted matter such as gravel, cXXIay lumps, grass, weeds, tree roots, sticks, rubbish and plastics, and any deleterious materials and materials toxic to plants. The topsoil must have a pH of between 5.5 and 7. Use 100% imported soil mix when site when site

2.02 INSTALLATION

a) Establishing Subgrade Levels

Subgrade levels are defined as the finished base levels prior to the placement of the specified material (i.e., soil conditioner). The following subgrade levels

Mass Planting Beds - 300mm below existing levels with specified imported soil mix

Turf areas - 100mm below finished surface level

Note that all subgrades shall consist of a relatively free draining natural material, consisting of site topsoil placed previously by the Civil Contractor. No builders waste material shall be acceptable.

b) Subgrade Cultivation

Cultivate all subgrades to a minimum depth of 100mm in all planting beds and all turf areas, ensuring a thorough breakup of the subgrade into a reasonably coarse tilth. Grade subgrades to provide falls to surface and subsurface drains, prior to the placement of the final specified soil mix c) Drainage Works

Install surface and subsurface drainage where required and as detailed on the drawing. Drain subsurface drains to outlets provided, with a minimum

d) Placement and Preparation of Specified Soil Conditioner & Mixes.

The following plant quality assessment criteria should be followed:

Trees in turf & beds - Holes shall be twice as wide as root ball and minimum 100mm deeper - backfill hole with 50/50 mix of clean site soil and imported "Organic Garden Mix" as supplied by ANL or approved equal.

Mass Planting Beds - Install specified soil conditioner to a compacted depth of 100mm

Place the specified soil conditioner to the required compacted depth and use a rotary hoe to thoroughly mix the conditioner into the top 300mm of garden bed soil. Ensure thorough mixing and the preparation of a reasonably fine tilth and good growing medium in preparation for planting. Turf Areas - Install specified soil mix to a minimum compacted depth of 75mm

Place the specified soil mix to the required compacted depth and grade to required finished soil levels, in preparation for planting and turfing PI ANTING

3.01 MATERIALS

a) Quality and Size of Plant Materia

All trees supplied above a 25L container size must be grown and planted in accordance with Clarke, R 1996 Purchasing Landscape Trees: A guide to assessing tree quality. Natspec Guide No. 2. Certification that trees have been grown to Natspec guidelines is to be provided upon request of Council's Tree Management Officer

Above - Ground Assessment

Plant true to type, Good vigour and health, free from pest & disease, free from injury, self-supporting, good stem taper, has been pruned correctly, is apically dominant, has even crown symmetry, free from included bark & stem junctions, even trunk position in pot, good stem structure

Good root division & direction, rootball occupancy, rootball depth, height of crown, non-suckering For further explanation and description of these

All Plant material shall be to the type and size specified. No substitutions of plant material shall be permitted without written prior approval by the Landscape Architect. No plant shall be accepted which does not conform to the standards listed above.

Provide min. 2 No. Stakes and ties to all plants identified as trees in the plant schedule. Stakes shall be sound, unpainted, straight hardwood, free of knots and pointed at one end. They shall be 2200mm x 50mm x 50mm Hardwood, or approved alternative. Ties shall be 50mm wide hessian webbing material

c) Fertilisers

Fertilisers shall be approved slow release fertilisers suitable for the proposed planting types. Note that for native plants, specifically Proteaceae family plants including Grevillea species, low phosphorus fertilizers shall be used.

d) Mulch

Mulch shall be an approved equal to "Forest Blend" as supplied by ANL. Mulch shall be completely free from any soil, weeds rubbish or other debris.

e) Turf

Turf shall be "Sir Walter" Buffalo or equivalent (unless stated otherwise), free from any weeds and other grasses, and be in a healthy growing condition

3.02 INSTALLATION

a) Setting Out

All planting set out shall be in strict accordance with the drawings, or as directed. Note that proposed tree planting located near services should be adjusted at this stage. Notify Landscape Architect for inspection for approval prior to planting.

All plant material shall be planted as soon after delivery as possible. Planting holes for trees shall be excavated as detailed and specified. Plant containers shall be removed and discarded, and the outer roots gently teased from the soil mass Immediately set plant in hole and backfill with specified soil mix, incorporating the approved quantity of fertiliser for each plant type. Ensure that plants are set plumb vertically and root balls set to the consolidated finished grades detailed on the drawings. Compact the backfilled soil and saturate by hand watering to expel any remaining air pockets immediately after planting.

c) Staking and Tving

Staking and tying shall be in strict accordance with the drawings and shall occur immediately following plant placement and soil backfilling. All plants identified as "Trees" on the planting schedule shall be staked with a min. 3 stakes.

Mulch should be spread so that a compacted thickness of 75mm is achieved after settlement in all planting beds and around each individual plant. Apply immediately following planting and watering in, ensuring that a 50mm radius is maintained around the trunk of each plant . There shall be no mixing of soil and mulch material.

Moisten soil prior to the turf being laid. Turf shall be neatly butt jointed and true to grade to finish flush with adjacent surfaces. Incorporate a lawn fertilizer and thoroughly water in. Keep turf moist until roots have taken and sods/rolls cannot be lifted. Keep all traffic off turf until this has occurred. Allow for top dressing of all turf areas. All turf shall be rolled immediately following installation.

The Contractor shall install stone edging as shown on the drawings, to all mass planting beds adjoining turf or gravel mulched areas, and where required. The resultant edge shall be true to line and flush with adjacent surfaces.

HARDSCAPE WORKS

4.01 GENERAL

The Contractor shall undertake the installation of all hardscape works as detailed on the drawing, or where not detailed, by manufacturers specificatio

Paying - refer to typical details provided, and applicable Australian Standards. Permeable paying may be used as a suitable means of satisfying Council permeable surface requirements, while providing a useable, hardwearing, practical surface. In most instances, the client shall nominate the appropriate paving material to be

Australian Standards shall be adhered to in relation to all concrete, masonry & metal work. Some details are typical and may vary on site. All hardscape works shall be setout as per the drawings and inspected and approved by the Landscape Architect prior to installation. All workmanship shall be of the highest standard. Any queries or problems that arise from hardscape variations should be bought to the attention of the Landscape Architect.

Your attention is directed to any obligations or responsibilities under the Dividing Fences Act, 1991 in respect of adjoining property owner/s which may arise from this application. Any enquiries in this regard may be made to the Crown Lands Division on (02) 8836 5332

IRRIGATION WORKS

5.01 GENERAL (PERFORMANCE SPECIFICATION)

An automated drip-irrigation system is to be installed to all gardens, planters and lawn areas in accordance with the approved Irrigation Design

This system shall be designed and installed by a qualified and licensed irrigation specialist, to the highest industry standards and to maximise the efficient usage of

The Installer is required to obtain all approvals necessary for the completion of works in accordance with the Laws of Australia, Laws of the State of NSW, Council By-Laws and Ordinances

Drawings

The Landscape Contractor nominated Licensed Irrigation Specialist shall provide irrigation drawings for approval upon engagement.

- The irrigation system shall be installed prior to all planting works. It shall incorporate a commercially available irrigation system, with sub-surface dripper lines to irrigate all gardens, planters and lawn areas.

It shall incorporate a suitable back flow prevention device for the scale of works, an in-line filter, check valves, and suitable high and low density poly hose fittings and PVC piping to achieve flow rates suitable for specified planting.

- The irrigation application rate shall not exceed the infiltration rate of the soil or creates run-off
- The landscape contractor shall check the existing pressure available from the ring mains and size irrigation piping to suit. Supply shall be from local hose cock where
- All piping and fittings shall be buried 50mm below the finished soil levels in garden and lawn areas, and secured in position at 500mm centres with galy wire pins.
- Size of pipes shall be selected to ensure the working pressure at the end of the line does not decrease by more than 5%.

Services Co-ordination

- Co-ordination required by Landscape Contractor or Project Manager to provide required conduit, pipe work and penetration through slabs and planter walls for water
- The Landscape Contractor shall be engaged with the Irrigation Specialist to co-ordinate with the Project Manager to identify the preferred service and conduit
- Project Manager and Landscape Contractor to establish area suitable for irrigation control system with required area, power provision and water supply.

Upon completion of installation, the system shall be tested, including:

- Main Line Pressure Test: The main line is pressurised to test for leaks. All valves are shut and the pressure is taken over a determined length of time.

- Dripper Pressure Test: Measurement at flushing valves are taken and the pressure gauged to make sure it conforms to the manufacturer recommendations. The inlet

- All components are to be satisfactorily functional and operational prior to approval. Should any defect develop, or the capacity or efficiency of the system decline during the agreed maintenance system, then these faults shall be immediately rectified

Warranty

- A full 12 month warranty shall be included to cover labour and all parts.

On request, a detailed irrigation performance specification report can be issued.

12 MONTH MAINTENANCE

The consolidation and maintenance period shall be 12 months beginning from the approved completion of the specified construction work (Practical Completion), A qualified landscape maintenance contractor shall undertake the required landscape maintenance works. Consolidation and maintenance shall mean the care and naintenance of Contracted works by accepted landscaping or horticultural practices, ensuring that all plants are in optimum growing conditions and appearance at all times, as well as rectifying any defects that become apparent in the contracted works

This shall include, but not be limited to, the following items where and as required: Watering all planting and lawn areas / irrigation maintenance

Clearing litter and other debris from landscaped areas.

Removing weeds, pruning and general plant maintenance

Replacement of damaged, stolen or unhealthy plants. Make good areas of soil subsidence or erosion

Topping up of mulched areas.

Spray / treatment for Insect and disease control.

Fertilizing with approved fertilizers at correct rates

Mowing lawns & trimming edges each 14 days in summer or 18 days in winter Adjusting ties to Stakes

Maintenance of all paying, retaining and hardscape elements.

On the completion of the maintenance period, the landscape works shall be inspected and at the satisfaction of the superintendent or landscape architect, the responsibility will be signed over to the client.xx

> 5/5/20 FOR DA ISSUE DATE COMMENT

AMENDMENTS

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GENERAL NOTES
All work to be carried out in accordance with the Building Code of Australia, all Local and State Government Ordinances, relevant Australian Standards, Local
Authorities Regulations and all other relevant Authorities concerned.
All structural work and site drainage to be subject to Engineer's details or certification where required by Council. This shall include r.c. slabs and foolings, r.c. and
steel beams & columns, wind bracing to AS 1170

and AS4055, anchor rods or bolts, tie downs, fixings etc., driveway slabs and drainage to Council's satisfaction. All timbers to be in accordance with SAA Timber Structure Code AS1720 and SAA Timber Framing Code AS 1684. All work to be carried out in a professional and workman-shiplike manner according to the plan

NOTE

Do not scale off the drawings unless otherwise stated and use figured dimensions in preference.

All dimensions are to be checked and verified on site before the commencement of any work, all dimensions and levels are subject to final survey and set-out
No responsibility will be accepted by Sitedesign for any variations in design, builder's method of construction or materials used, deviation from specification with
permission or accepted work practices resulting in inferior construction. Locate and protect all services prior to construction. his drawing and design is the property of Sitedesign and should not be reproduced either in part or whole without the written consent of this firm

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DETAIL PLAN Project 310-314 TAREN POINT ROAD CARINGBAH Address Drawing Title **SPECIFICATION** Scale NTS