THE QUEENSCLIFF PROJECT LAKESIDE CRESCENT, NORTH MANLY NSW LANDSCAPE DEVELOPMENT

DRAWING LIST

LA 1 COVER PAGE

LA 2 LANDSCAPE SPECIFICATIONS

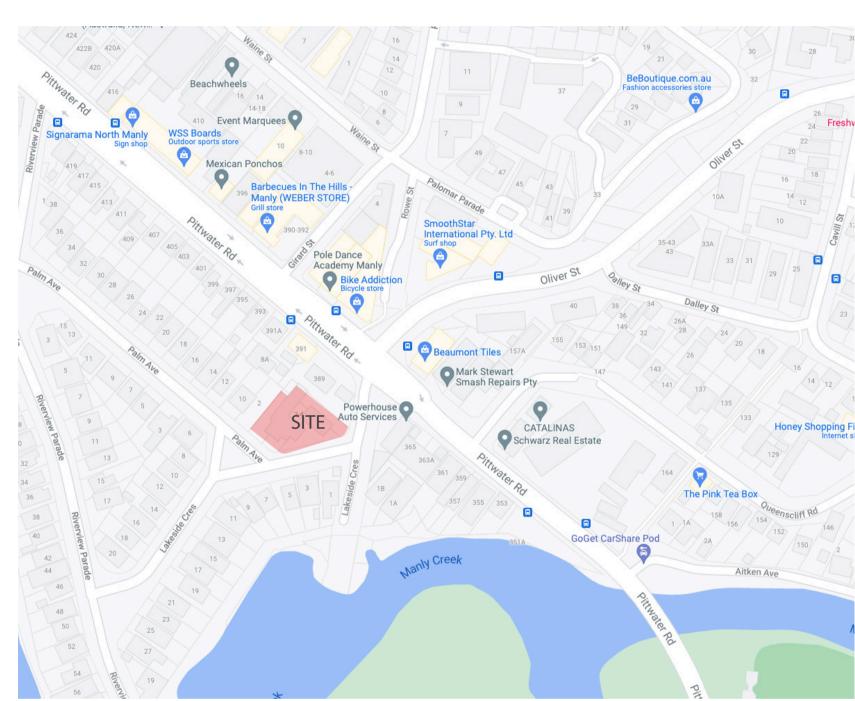
LA 3 LANDSCAPE PLAN
LA 4 LANDSCAPE SECTIONS

LA 5 LANDSCAPE SECTIONS

LA 6 MATERIAL PALLET
LA 7 PLANTING MONTAGES

LA 8-15 PLANT SCHEDULE

LA 17 PLANTING DETAILS



LOCATION PLAN N.T.S

PLAN NOTES

This plan should be printed and read in colour and in conjunction with the architectural, civil and arborist 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.

Ltd and the instructing party.

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

Planting proposed using commercially available plant species selected from local planting lists.

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

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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.





Paterson
Design
Studio

Landscape Architects / Urban Designers
Registered Landscape Architect: Garth Paterson FAILA Reg#716 BLA
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Α	2	DA SUBMISSION - REVISION A	DC	GP	13.07.23
-	1	DA SUBMISSION	DC	GP	16.05.22
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PROJECT

THE QUEENSCLIFF PROJECT

DRAWING TITLE

COVER SHEET

ISSUE PROJECT NO.

SCALE

RAWING NO. REVISION

1.0 LANDSCAPE WORK SPECIFICATION

1.1 PRELIMINARIES

1.1.1 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.

1.1.2 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

1.1.3 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 are occurring around such trees, or pruning is required, a qualified Arborist shall be engaged to oversee such works and manage tree health.

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 cleanly with a saw.

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.

1.1.4 EROSION & POLLUTION 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.

Erosion & 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 stockpiles
- Sandbag kerb sediment traps
- Straw bale & geotextile sediment filter.
- Exposed banks shall be pegged with an approved Jute matting in preparation for mass planting

1.2 SOIL WORKS

1.2.1 MATERIALS

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, cXXlay 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 topsoil runs out.

1.2.2 INSTALLATION

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 shall apply:

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.

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.

Drainage Works: Install surface and subsurface drainage where required and as detailed on the drawing. Drain subsurface drains to outlets provided, with a minimum fall of 1:100 to outlets and / or service pits.

Placement and Preparation of Specified Soil Conditioner & Mixes: 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.

1.3 PLANTING

1.3.1 MATERIALS

a) Quality and Size of Plant Material

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:

The following plant quality assessment criteria should be followed:

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

Below - Ground Assessment:

Good root division & direction, rootball occupancy, rootball depth, height of crown, non-suckering For further explanation and description of these assessment criteria, refer to Ross Clark's book.

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.

b) Stakes and Ties

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.



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with the specification and any other written instructions issued.

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THE QUEENSCLIFF PROJECT

DRAWING TITLE

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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

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

1.4 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.

b) 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 Tying

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.

d) Mulching.

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.

e) Turfing

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.

1.5 HARDSCAPE WORKS

1.5.1 GENERAL

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

Paving - refer to typical details provided, and applicable Australian Standards.

Permeable paving may be used as a suitable means of satisfying Council permeable surface requirements, while providing a usable, hard wearing, practical surface. In most instances, the client shall nominate the appropriate paving material to be used.

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

1.6 IRRIGATION WORKS

1.6.1 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 water. 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.

Design Requirements: 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 runoff.

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 available.

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 galv 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 and power provisions.

The Landscape Contractor shall be engaged with the Irrigation Specialist to co-ordinate with the Project Manager to identify the preferred service and conduit locations.

Project Manager and Landscape Contractor to establish area suitable for irrigation control system with required area, power provision and water supply.

Testing & Defects: 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 pressure is then tested under the same conditions to check it does not exceed 300Kpa.

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.

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

.7 12 MONTH MAINTENANCE

1.7.1 GENERAL

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 maintenance 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 paving, 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.

END OF SPECIFICATIONS

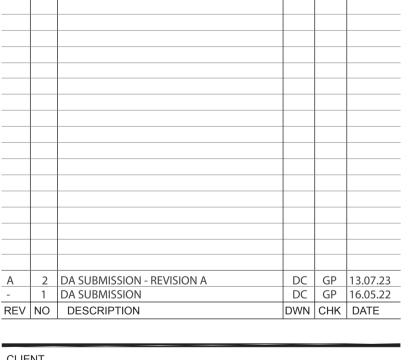


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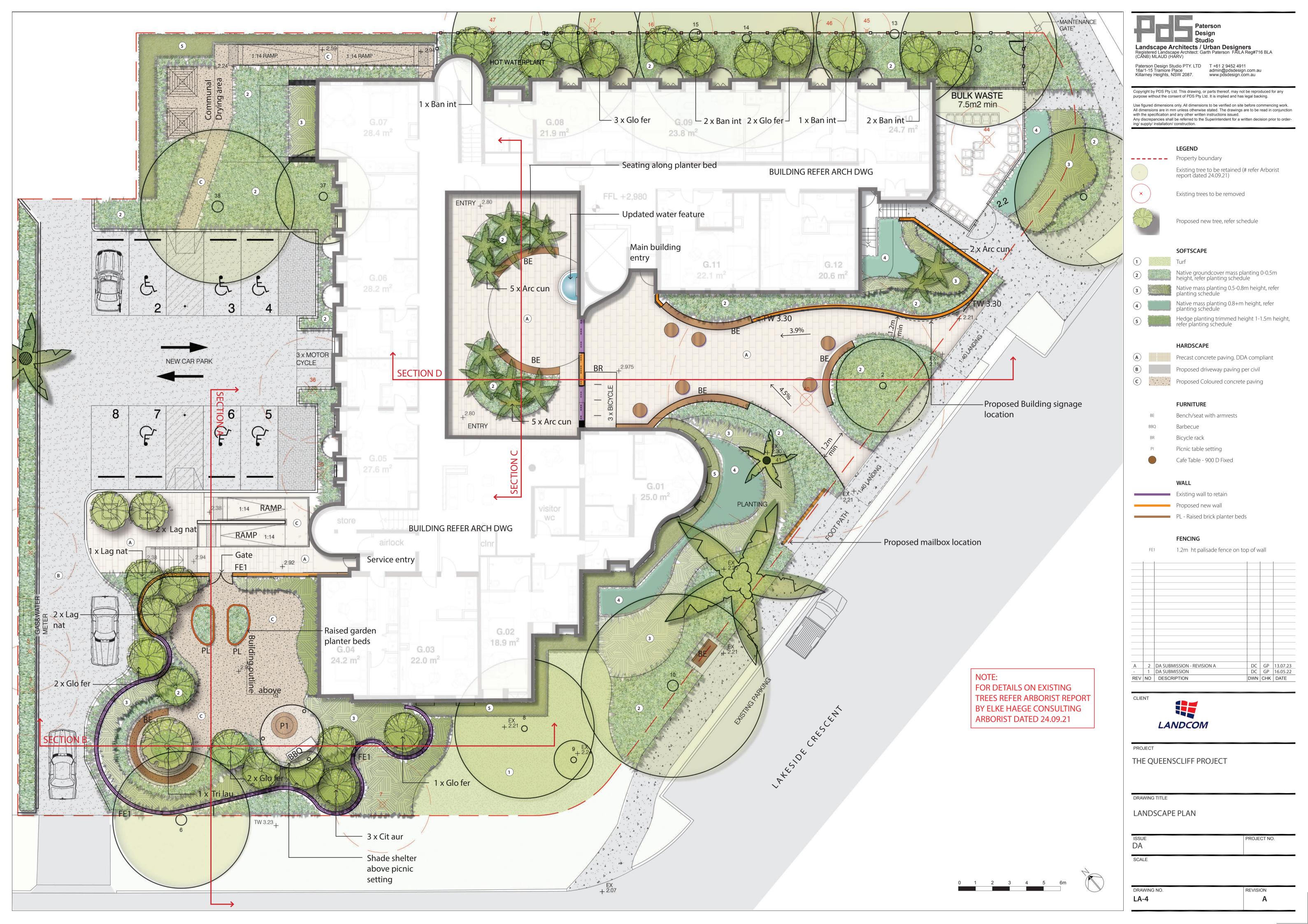
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REVISION



NOTE: FOR DETAILS ON EXISTING TREES REFER ARBORIST REPORT BY ELKE HAEGE CONSULTING ARBORIST DATED 24.09.21

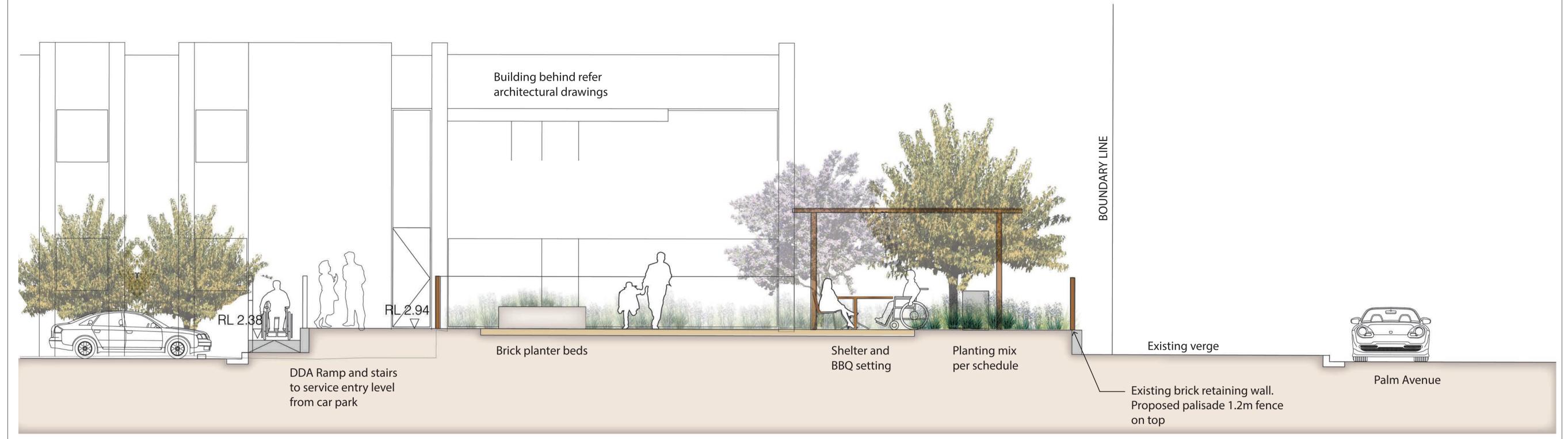
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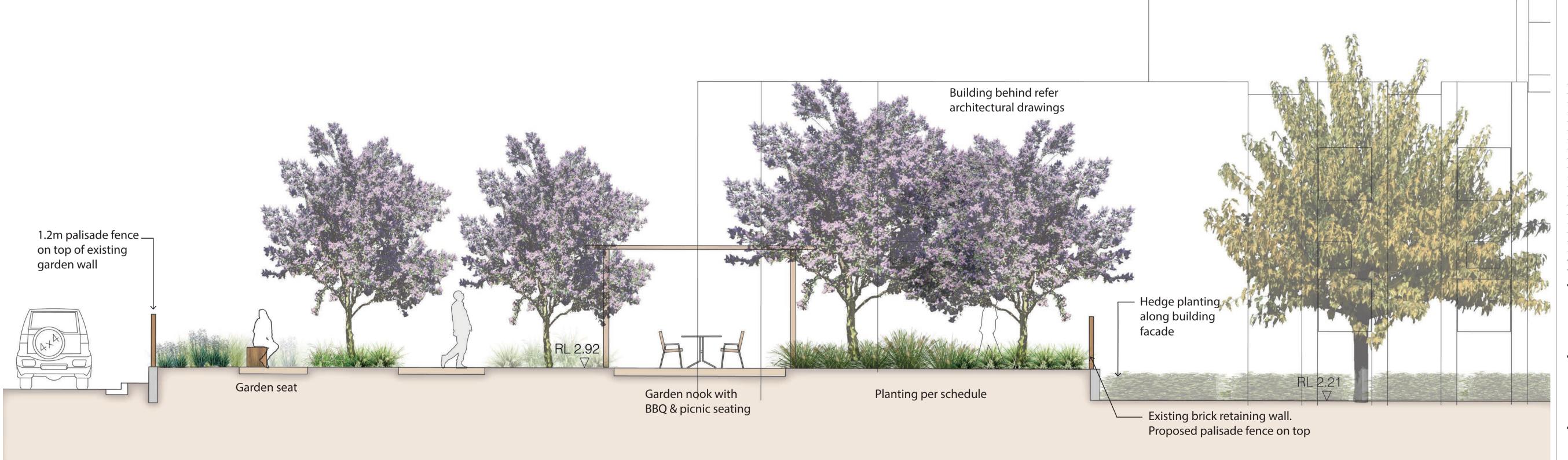
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SECTION A SCALE 1:50 @ A1



SECTION B SCALE 1:50 @ A1 A 2 DA SUBMISSION - REVISION A
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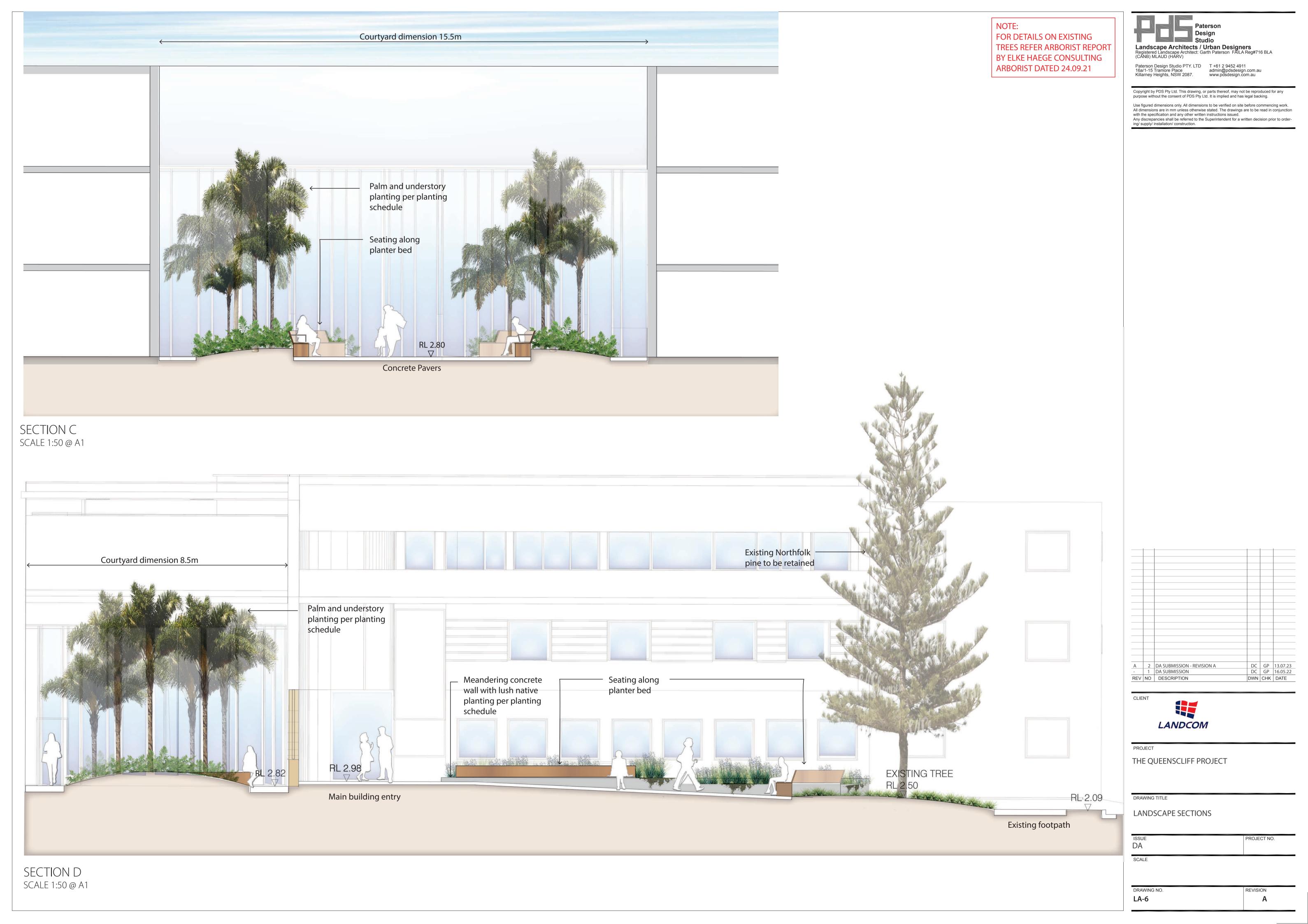
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LANDSCAPE SECTIONS

LA-5



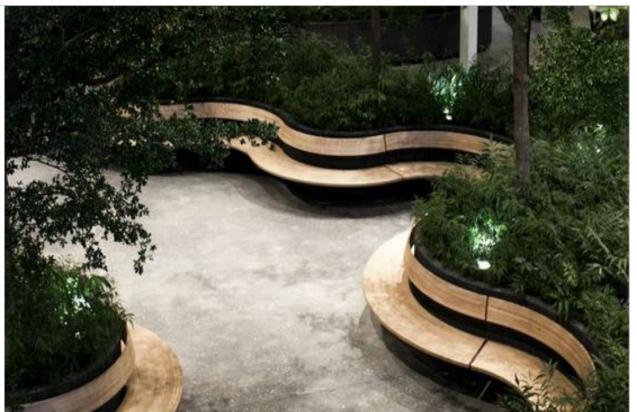
HARDSCAPE AND WALL CHARACTER IMAGES



1 Precast concrete paving, sand colour.



2 Proposed in-situ concrete walls.



Meandering, seating and planting in courtyard and communal garden.



4 Shade Shelter in community garden setting

FURNITURE CHARACTER IMAGES



Picnic table and chair settings in community garden



6 Outdoor electric BBQ



7 Water feature
Integrate existing water fountain into new elegant water feature

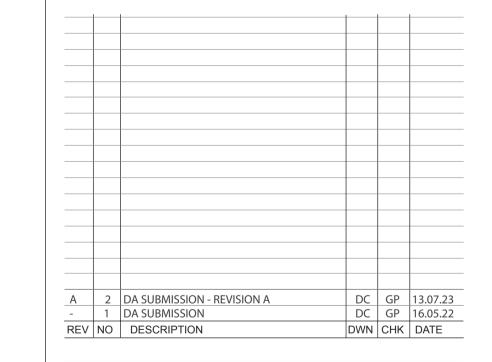


8 Bicycle rack

PLANTING CHARACTER IMAGES



9 Lush Native Planting mix as per plant schedule



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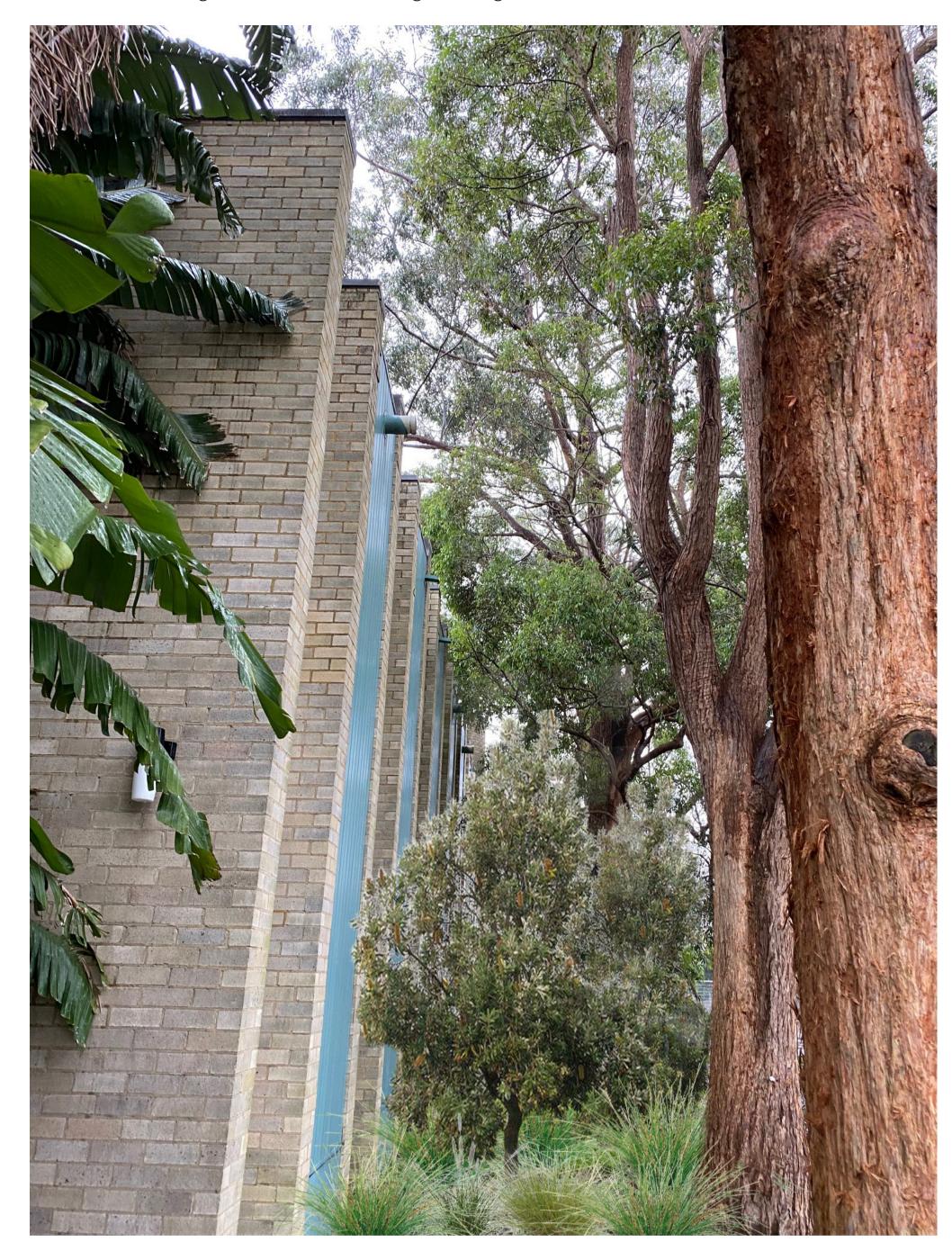
MATERIAL PALLET

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Pittwater Road Vegetation Buffer Planting Montage



Coastal Banksia's with an understorey of native tufted grasses and shrubs ensure the building is shielded from the proposed properties.



The coastal banksia's (Ban int) and cheese trees (Glo fer) sit within the openings left by the large native eucalyptus trees to create a continous line of medium and large size canopy trees that help obscure sightlines into the building.



1 Existing site condition



2 Existing site condition



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PITTWATER ROAD PLANTING MONTAGE

DA PROJECT NO.

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PLANTING MIX A - LOW GARDEN BED

SMALL TREES

Code	Botanical Name	Common Name	Images	Height x Spread	Native (Y/N)	Proposed Pot Size / Density	Height at Planting	Description	Seasonal/ Special Feature	Preferred Soil Conditions	Drought/Frost Tolerance	Pest & Disease Susceptibility	Maintenance Requirement	Availability	Nuisance	Longevity/ Growth Rate	Root Damage Potential
Mel sty	Melaleuca styphelioides	Prickly Paperbark		10x6m	Υ	Pot Size: 75L Density: As Shown	1.5m	Attractive paperbark trunk which is cream in colour. Prickly foliage. Masses of creamy white flowers in Spring.	Creamy white flowers in Spring.	Grows in moist moderately well drained fertile sandy-silty to loamy soil.	Prefers an open sunny position but will tolerate some shade. It is salt and drought tolerant but frost sensitive.	Susceptible to long-tailed sawflies, wax scale, tip borer, caterpillars.	Medium water requirement once established and responds to mulching with an occasional deep watering during dry periods.	Available from most commercial nurseries.	Leaf fall is minimal.	Medium Growth Rate	Not considered to be extensive or overly vigorous.
Mel eri	Melaleuca ericifolia	Swamp Paperbark		10x6m	Y	Pot Size: 75L Density: As Shown	1.5m	Small Melaleuca with papery bark and prolific flower heads compared to other spp. Often found in swampy areas.	Pale white or brownish papery bark with dark green linear leaves. Creamy-white flowers arranged in heads appear from October to November.	Grows in moist, damp conditions. Found in swamps and coastal areas. Well drained to poorly drained soils	Prefers an open sunny position but will tolerate some shade. It is salt and drought tolerant and will withstand frost.	Susceptible to long-tailed sawflies, wax scale, tip borer, caterpillars.	Medium water requirement once established and responds to mulching with an occasional deep watering during dry periods.	Available from most commercial nurseries.	Leaf fall is minimal.	Medium Growth Rate	Not considered to be extensive or overly vigorous.

								swampy areas.	from October to November.	soils	withstand nost.		ing during dry periods.				
HRUBS																	,
Code	Botanical Name	Common Name	Images	Height x Spread	Native (Y/N)	Proposed Pot Size / Density	Height at Planting	Description	Seasonal/ Special Feature	Preferred Soil Conditions	Drought/Frost Tolerance	Pest & Disease Susceptibility	Maintenance Requirement	Availability	Nuisance	Longevity/ Growth Rate	Root Dam Potenti
Tel spe	Telopea speciosissima	Warratah		4x3m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	Small to large shrub that has erect multiple branches from the base that form an open bushy habit.	It has stiff leathery glossy dark green oblong leaves with red tube shaped flowers that appear in a large domed terminal cluster during spring.	Prefers a well-drained, organic rich moist sandstony soil that is tending acidic with a pH range from 5.5 to 7.0.	Prefers a semi shaded wind protected position but will tolerate full sun and is drought and frost tolerant. dislikes wet soils and is fire resistant.	Phytophthora Root Disease, Pythium and Rhizoctonia.	Once estab- lished it has a low water requirement, responding to mulch and occasional deep watering during dry periods for young plants.	Available from most commercial nurseries.	Leaf fall is minimal.	Medium growth rate.	Not considere be extensi overly vigo
Cal lin	Callistemon linearis	Narrow Leafed Bottlebrush		4x3m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	This small tree has an elegant and weeping habit with many slender branches that form an open crown.	It has dark green lanced-shaped narrow and red bottlebrush-like flowers appear during spring.	Well drained, moderately fertile, moist, sandy-stony to clay loam.	Full sun to part shade, temporary inundation, frost tender, drought tolerant.	Sooty mould, red scale, cup moth, borer, scale, frog hopper, grey mould.	Once estab- lished it has a medium water requirement, and responds to mulching with an occasional deep water- ing during dry periods.	Available from most commercial nurseries. And native nurseries.	Leaf fall is minimal.	Fast growth rate	Not considere be extens overly vigo
Oxy ili	Oxylobium ilicifolium	Native Holly		3x2m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	A small shrub with oval to narrowly oval shaped leaves which produce inflorescnence borne in the leaf axils.	The shrub produces a yel- lowish-orange with reddish centre flower from early spring to summer.	Well drained moderately fertile moist-dry sandy-stony soil.	Full sun to semi shade, exposed position, salt, drought and frost resistant.	No major pest or disease problem.	It has a low water requirement once established.	Available from most commercial nurseries. And native nurseries.	Leaf fall is minimal.	Medium Growth Rate.	Not consider be extens overly vig
Mac com	Macrozamia communis	Burrawang Palm		2x2m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	A slow growing cycad that forms a thick trunk and is covered in a leaf base and crowned in foliage.	The divided fronds have bright green leaflets and are upright to arching and the grenish female and male cones appear in early summer.	Prefers a well drained poor to moderately fertile sandy soil, with a pH range from 5.5 to 7.0.	Prefers a sunny to semi-shaded protected position and is frost, salt spray and drought tolerant.	Palm scale, brown scale.	Once estab- lished it has a low water requirement, responding to mulch and an occasional deep watering during dry periods.	Available from most commercial nurseries.	Does not like wet feet, or having roots disturbed.	Slow growth rate. It is long lived and difficult to transplant once mature.	Not consider be extens overly vig
Gre ser	Grevillea sericea	Pink Spider Flower		2.5x1.5m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	Upright shrub with spreading reddish woody stems that form a low open rounded habit.	It has dark leathery green oblong leaves, pink spider like flowers that appear in clusters above the foliage from late winter to spring.	Prefers a well drained poor sandy-stony soil that is tending acidic with a pH range from 6.0 to 7.0.	Prefers an open to exposed sunny position but will tolerate some shade and is drought, frost or high temperature tolerant.	Phytophthora Root Disease, Scale and Sooty Mould.	Once established it has a low water requirement, responding to mulch and occasional deep watering during dry.	Available from most commercial nurseries. And native nurseries.	No specific nuisance.	Fast growth rate. Establishes in 1-3 years.	Not consider be extens overly vig
Rha can	Rhagodia candolleana	Coastal Saltbush		2x2.5m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	Variable sized shrub that has spreading intricate woody stems that may be spinescent and form a compact upright to prostrate habit.	It has silvery grey green diamond-shaped leaves and the tiny flowers appearing in clusters in early summer followed by fresh berries.	Prefers a well drained mod- erately fertile sandy to clay loams or heavy clay soils.	Prefers an open to exposed sunny position but will tolerate some shade, it is frost and moderately drought and saline tolerant.	No major pest or disease problem.	Once established it has a low water requirement, responding to mulch and occasional deep watering during dry periods.	Available from most commercial nurseries.	No specific nuisance.	Medium growth rate.	Not consider be extens overly vig
Cor ref	Correa refflexa	Common correa		1x1m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	A semi-prostate to 1m erect shrub with heart-shaped to rounded rough and hairy leaves, it also produces green and red flowers.	Flowers from May to November. The flowers are of a wooly surface, tubular in shape and yellow green to crimson red in colour.	Prefers a light sandy soil with good drainage and a protected position.	Prefers a protected position with a sunny position but will tolerate shade. It is drought, frost and salt tolerant.	No major pest or disease problem.	Once established it has a low water requirement, responding to mulch and occasional deep watering during dry periods.	Available from most commercial nurseries. And native nurseries.	Pruning not necessary, tolerates cut- ting back to control.	Medium growth rate.	Not consider be extens overly vig
Ban spi	Banksia spinulosa	Hairpin Banksia		1-3x2m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	This attractive small shrub has a stout trunk with a lignotuber and spreading branches that form a compact rounded crown.	It has mid green linear leaves and the orange-yel- low cylindrical flower heads have dark styles and appear dur- ing autumn.	Well drained sandy-stony to clay loam, reliable moisture.	It grows in a sunny to semi-shaded open position and is frost and drought toler- ant.	Collar rot, banksia canker, banksia white flies, twig girdler, leaf spots.	It has a low water requirement once estab- lished.	Available from most commercial nurseries. And native nurseries.	Pruning not necessary, remove dead wood, cut back branches to the collar.	Moderately long lived. Medium growth rate.	No consider be exten overly vig

NOTE PLANTING APPROACH:
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Landscape Architects / Urban Designers
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Α	2	DA SUBMISSION - REVISION A	DC	GP	13.07.23
-	1	DA SUBMISSION	DC	GP	16.05.22
REV	NO	DESCRIPTION	DWN	CHK	DATE

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PROJECT

THE QUEENSCLIFF PROJECT

DRAWING TITLE

PLANTING SCHEDULE

ISSUE	PROJECT NO.
DA	

DRAWING NO. REVISION A

Α

PLANTING MIX A - LOW GARDEN BED

NATIVE GRASSES & GROUNDCOVERS

\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	JIMOSES & G	NOONDCOVI	LINS												T		
Code	Botanical Name	Common Name	Images	Height x Spread	Native (Y/N)	Proposed Pot Size / Density	Height at Planting	Description	Seasonal/ Special Feature	Preferred Soil Conditions	Drought/Frost Tolerance	Pest & Disease Susceptibility	Maintenance Requirement	Availability	Nuisance	Longevity/ Growth Rate	Root Damage Potential
Fic nod	Ficinia nodosa	Knobby Club Rush		0.7x0.7m	Υ	Pot Size: 140mm Pot Density: 6 Plants per m2	0.3m	Rush-like perennial grass has a creeping rhizome that forms upright clumps.	It has slender rounded stems that contain a reduced leaves and terminates in a brown globular flower head.	Prefers moist to wet or well drained sandy soils that are moderately fertile.	It is drought tender but tolerates light frost and salt spray.	No major pest or disease problem.	Once established it has a low water requirement, responding to mulch, oc- casional deep watering during dry periods.	Available from most commercial nurseries.	No specific nuisance.	Fast growth rate. Establishing from division in 1 year.	Not considered to be extensive or overly vigorous.
Har vio	Hardenbergia violacea	False Sarsaparilla		1.5x2m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	Vigorous twin- ing plant that has slender woody stems that climb over structures and plants forming a dense cover.	It has dark green lanced-shaped leaves with small purple pea- shaped flowers that appear in a pendant raceme during spring.	Prefers a well drained mod- erately fertile moist sandy- stony clay loam that is slightly acidic to neutral, with a pH range from 6.5 to 7.5.	Prefers a sunny to semi- shaded open to exposed position and is drought and slightly frost tolernt.	No major pest or disease problem.	Once estab- lished it hs a low water requirement, responding to mulch and occasional deep watering.	Available from most commercial nurseries.	No specific nuisance.	Fast growth rate. Establishes in 1 to 2 years.	Not considered to be extensive or overly vigorous
Hib sca	Hibbertia scandens	Golden Guinea Flower		0.3x2-3m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.2m	Has twinning woody stems that scramble to form a dense cover. Dark green leathery oval leaves with large yellow wheel-shaped flowers	Large yellow wheel-shaped flowers appear solitary during spring or throughout the year in warm regions.	Well drained, moist sandy to clay loam, organic rich acidic.	Salt-spray tolerant, drought tolerant, frost tender.	Plague thrips, phytophthora root rot, grey mold, grapevine moth.	Occasional deep watering during dry periods, to establish young plants. Once established low watering needed.	Available from most commercial nurseries.	Tends to be used as a ground cover and as a spill-over in rockeries. Cut back after flowering	Fast growth rate.	Not considered to be extensive or overly vigorous.
Ken rub	Kennedia rubicunda	Dusky Coral Pea		4x3m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	Perennial climber that forms dense cover and has slender twining stems that grow over a support or forms a prostate habit.	It has mid green divided leaves with 3 leaflets and the coral- red pea-shaped flowers appear in a raceme from spring to sum- mer.	Prefers a well drained but moist, poor to moderately fer- tile sandy-stony soil to clay loam with a pH range from 5.5 to 7.0.	Prefers a pro- tected sunny to semi-shaded position and tolerates light frost, salt spray and drought.	No major pest or disease problem.	Once estab- lished it has a low water requirement, prefering to have reliable moist organic rich soil during the growing period.	Available from most commercial nurseries. And native nurseries.	No specific nuisance.	Fast growth rate. Establishing in 1 to 2 years and is moderately long lived.	Not considered to be extensive or overly vigorous.
Asp fla	Asplenium flabellifolium	Necklace Fern		0.4x0.4m	Y	Pot Size: 140mm Pot Density: 6 Plants per m2	0.2m	A small fern with bright green fan shaped leaflets. Often found on the ground or caves and crevices.	It has bright green fan shaped or some- times lanceolate leaflets.	Light moist soil in protected positions under rock ledges, in crevices, along logs and on stream banks in a range of forests. Semi shade.	Prefers a semi shade position. It is not salt and drought tolerant.	No major pest or disease problem.	It has a medium water requirement once established.	Available from most commercial nurseries. And native nurseries.	No specific nuisance.	Fast growth rate. Establishing in 1 to 2 years and is moderately long lived.	Not considered to be extensive or overly vigorous.
Car gla	Carpobrotus glaucescens	Pigs Face		0.3x2-3m	Υ	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	Coastal succulent with spreading stems that root at the nodes, erect foliage forming a dense prostrate habit.	Bright daisy- like flowers appear above the foliage from spring to summer. Fleshy glaucous green linear leaves.	Well-drained, poor sandy to light loamy soil, dry-moist, acidic	Drought salt, light frost tolerant	Aphids, fungal root rot in wet soil	Once established it has a low water requirement and will tolerate long periods of drought. Can be cut back easily	Available from most commercial nurseries.	Pruning not necessary, tolerates cut- ting back to control.	Fast growth rate.	Not considered to be extensive or overly vigorous.
Bla nob	Blandfordia nobilis	Christmas Bells		0.7x1m	Y	Pot Size: 140mm Pot Density: 6 Plants per m2	0.3m	A tufted perennial herb with thick, fibrous roots. The leaves are stiff and grassy like.	It produces red and yellow bell shaped flowers from December to January.	Prefers a light sandy loam with constant moisture.	Prefers a sunny position in coastal regions. Does not tolerate frost, although it is salt tolerant.	No major pest or disease problem.	It has a medium water requirement once established.	Available from most commercial nurseries. And native nurseries.	Pruning not necessary, tolerates cut- ting back to control.	Fast growth rate.	Not considered to be extensive or overly vigorous.

PLANTING MIX B - LOW/SMALL SCALE PLANTING BEDS

SMALL TREES

Code	Botanical Name	Common Name	lmages	Height x Spread	Native (Y/N)	Proposed Pot Size / Density	Height at Planting	Description	Seasonal/ Special Feature	Preferred Soil Conditions	Drought/Frost Tolerance	Pest & Disease Susceptibility	Maintenance Requirement	Availability	Nuisance	Longevity/ Growth Rate	Root Damage Potential
Ban obl	Banksia oblongifolia	Fern-Leafed Banksia		3x2m	Υ	Pot Size: 75L Density: As Shown	1.5m	A small shrub with a lignotuber. It has pseudowhorled, stiff, leathery leaves with toothed margins. The leaves are a olive to blue green colour.	It produces 15cm long inflorescences (flowers) that are a green/yellow colour.	Prefers sandy soils or sandy alluvium to sandstone cliffs.	It grows in a sunny to semi-shaded open position and is frost and drought toler- ant.	Collar rot, banksia canker, banksia white flies, twig girdler, leaf spots.	It has a low water requirement once established, responds to mulch and an occasional deep watering during dry periods.	Available from most commercial nurseries. And native nurseries.	Pruning not necessary, remove dead wood, cut back branches to the collar.	Moderately long lived. Medium growth rate.	Not considered to be extensive or overly vigorous.
Glo fer	Glochidion ferdinandi	Cheese Tree		10x5m	Y	Pot Size: 75L Density: As Shown	1.5m	This is a medium to large tree has an erect greyish trunk with spreading branches that form a dense irregular rounded crown.	It has dark glossy green leaves and the small and greenish flowers appear in spring followed by capsular fruit.	It grows in light to medium organic rich moist sandy to clay loam.	It prefers an open sunny to semi-shaded position and is light frost and drought tolerant.	Swift moth at- tack, re-shoots after fire.	It has a low water requirement once established.	Available from most commercial nurseries.	Leaf fall in autumn. Relatively small leaflets.	Fast Growth rate	Not considered to be extensive or overly vigorous.

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Α	2	DA SUBMISSION - REVISION A	DC	GP	13.07.23
-	1	DA SUBMISSION	DC	GP	16.05.22
REV	NO	DESCRIPTION	DWN	СНК	DATE

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PROJECT

THE QUEENSCLIFF PROJECT

DRAWING TITLE

PLANTING SCHEDULE

ISSUE	PROJECT NO.
DA	

DRAWING NO.

LA-10

REVISION

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SHRURS

Code	Botanical Name	Common Name	Images	Height x Spread	Native (Y/N)	Proposed Pot Size / Density	Height at Planting	Description	Seasonal/ Special Feature	Preferred Soil Conditions	Drought/Frost Tolerance	Pest & Disease Susceptibility	Maintenance Requirement	Availability	Nuisance	Longevity/ Growth Rate	Root Damage Potential
Cal cit	Callistemon citrinus	Crimson Bottlebrush		4x3m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	This large shrub has upright stiff angular branches that forms a rounded crown.	It has dark green leathery leaves and the crimson- red bottle brush- like flowers appear from mid to late spring.	Well drained to moist, sandy to clay, very adapt- able.	Prefers a pro- tected sunny position and is drought, salt, frost and pollution tolerant.	Sooty mold, red scale, cup moth, borer, scale, frog hopper, grey mold.	It has a low water requirement once established, responds to mulch and an occasional deep watering during dry periods.	Available from most commercial nurseries.	Tolerates a light prune to shape after flowering, trim to form a bushy habit.	Medium Growth rate	Not considered to be extensive or overly vigorous.
Cro sal	Crowea saligna	Waxflower		1x0.8m	Y	Pot Size: 140mm Pot Density: 6 Plants per m2	0.3m	Small to medium sized shrub with elliptic or lance-shaped leaves that give off a aniseed fragrance.	The shrub produces pink 5 petalled flowers from late summer to mid winter.	Prefers a well-drained moist soil composition.	Prefers a sunny or semi shaded position. It will tolerate extended dry periods once established.	No major pest or disease problem.	Once established it has a low water requirement and will tolerate long periods of drought. Can be cut back easily.	Available from most commercial nurseries. And native nurseries.	Pruning not necessary, tolerates cut- ting back to control.	Fast Growth Rate.	Not considered to be extensive or overly vigorous.
Oar fas	Darwinia fascicularis	Darwinia		2x2m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	A spreading branched shrub small densely crowded, oppo- site or wholed, needle like light green aromatic leaves.	Produces creamy-white ageing to red tubular shaped flowers from June to September.	Prefers well drained poor to moderately fertile thin sand- stone based sandy-stony soil that is tending acidic pH range from 5.5 top 7.0.	Prefers an open sunny to semi- shaded position and is drought and mildly frost tolerant.	No major pest or disease problem.	Once estab- lished it has a low water requirement and should be mulched and kept moist dur- ing summer.	Available from most commercial nurseries. And native nurseries.	No specific nuisance.	Fast growth rate. Establishes in 2 to 3 years.	Not considered to be extensive or overly vigorous
yn gla	Synoum glandulosumn	Scentless Rosewood		4x3m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	Medium sized shrub with very dense foilage. The leaves are a dark green with white to pale pink flowers.	Produces white to pink flowers in winter while producing orange fruit in spring that are fleshy and comprise of 3 valves.	It grows in light to medium organic rich moist sandy to clay loam.	It prefers an open sunny to semi-shaded position and is light frost and drought tolerant.	No major pest or disease problem.	It has a low water requirement once established.	Available from most commercial nurseries. And native nurseries.	No specific nuisance.	Fast growth rate.	Not considered to be extensive or overly vigorous
oo ova	Goodenia ovata	Hop Goodenia		0.3x1-2m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	An upright or spreading shrub with glossy green leaves, oval in shape with a toothed margin.	Produces bright yellow flowers held in the leaf axils from October to March.	Prefers well drained poor to moderately fertile thin sand- stone based soil.	Prefers an open sunny to semi- shaded position and is drought and mildly frost tolerant.	No major pest or disease problem.	Once estab- lished it has a low water requirement and should be mulched and kept moist dur- ing summer.	Available from most commercial nurseries. And native nurseries.	Tends to be used as a ground cover and as a spill-over in rockeries. Cut back after flowering	Fast Growth Rate.	Not considered to be extensive or overly vigorous
al rig	Callistemon rigidus	Stiff Bottlebrush		2.5x1.5m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	This large shrub has upright stiff angular branches that forms a rounded crown.	It has dark green leathery leaves and the crimson- red bottle brush- like flowers appear from mid to late spring.	Well drained to moist, sandy to clay, very adapt- able.	Prefers a pro- tected sunny position and is drought, salt, frost and pollution toler- ant.	Sooty mold, red scale, cup moth, borer, scale, frog hopper, grey mold.	It has a low water requirement once established, responds to mulch and an occasional deep watering during dry periods.	Available from most commercial nurseries. And native nurseries.	Tolerates a light prune to shape after flowering, trim to form a bushy habit.	Medium growth rate.	Not considered to be extensive or overly vigorous
)il ret	Dillwynia retorta	Healthy Parrot Pea		2x1m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	Small shrub spreading to erect twiggy branches that form an open rounded habit.	It has dark green needle like leaves that are crowded along stems with yel- low pea shaped flowers with red markings that appear in late winter.	Prefers well drained poor to moderately fertile thin sand- stone based sandy-stony soil that is tending acidic pH range from 5.5 top 7.0.	Prefers an open sunny to semi- shaded position and is drought and mildly frost tolerant.	No major pest or disease problem.	Once estab- lished it has a low water requirement and should be mulched and kept moist dur- ing summer.	Available from most commercial nurseries. And native nurseries.	No specific nuisance.	Fast growth rate. Establishes in 2 to 3 years. Re-shoots or seeds germinate after low intensity fire.	Not considered to be extensive or overly vigorous
an spp.	Xanthorrhoea spp.	Grass Tree		3x1m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	Perennial species that consists of a grass liked base, below a slow forming caudex and above a large stalk, 1-2m high.	Flowers are borne on a long spike above a bare section called a scape. Flowers occurance varies and are often stimulated by fire.	Prefers coastal landscapes with free draining soils and low in nutrients.	They prefer an open sunny position. They are drought, salt and frost tolerant.	No major pest or disease problem.	Once estab- lished it has a low water requirement and should be mulched and kept moist dur- ing summer.	Available from most commercial nurseries.	No specific nuisance.	Slow Growth Rate	Not considered to be extensive or overly vigorous
Ban rob	Banksia robur	Swamp Banksia		2x2m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	This shrub has a low open rounded habit with 3 to 5 main stems and has lignotubers.	It has green leathery leaves that are bronze when young and the bottlebrush-like flower heads appear from summer	Well drained to soggy sandy-peaty to clay loam, tending acidic.	Full sun to semi shade, drought tender, frost resistant, tolerates inundation.	Twig girdler, borer (older plants), doubleheaded hawk moth, leaf spots.	It has a medium water requirement once established.	Available from most commercial nurseries.	Tolerates a hard prune down to the base if required, natural habit becomes leggy.	Moderately long lived. Medium growth rate.	Not considered to be extensive or overly vigorous

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Α	2	DA SUBMISSION - REVISION A	DO		13.07.23
-	1	DA SUBMISSION	DO	GP	16.05.22
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PROJECT

THE QUEENSCLIFF PROJECT

DRAWING TITLE

PLANTING SCHEDULE

ISSUE	PROJECT NO.
DA	

DRAWING NO. LA-11

PLANTING MIX B - LOW/SMALL SCALE PLANTING BEDS

NATIVE GRASSES & GROUNDCOVERS

NATIVE	GRASSES & G	ROUNDCOV	ERS														
Code	Botanical Name	Common Name	Images	Height x Spread	Native (Y/N)	Proposed Pot Size / Density	Height at Planting	Description	Seasonal/ Special Feature	Preferred Soil Conditions	Drought/Frost Tolerance	Pest & Disease Susceptibility	Maintenance Requirement	Availability	Nuisance	Longevity/ Growth Rate	Root Damage Potential
Fic nod	Ficinia nodosa	Knobby Club Rush		0.7x0.7m	Y	Pot Size: 140mm Pot Density: 6 Plants per m2	0.3m	Rush-like perennial grass has a creeping rhizome that forms upright clumps.	It has slender rounded stems that contain a reduced leaves and terminates in a brown globular flower head.	Prefers moist to wet or well drained sandy soils that are moderately fertile.	It is drought tender but tolerates light frost and salt spray.	No major pest or disease problem.	Once established it has a low water requirement, responding to mulch, oc- casional deep watering during dry periods.	Available from most commercial nurseries.	No specific nuisance.	Fast growth rate. Establishing from division in 1 year.	Not considered to be extensive or overly vigorous.
Jun kra	Juncus kraussii	Rush		0.7x0.7m	Υ	Pot Size: 140mm Pot Density: 6 Plants per m2	0.3m	This rhizoma- tous perennial has bright green stems (culms) that form a dense tufted habit.	The yellowish- green flowers appear in an open cluster from spring to summer.	Damp humus rich, sandy to clay loam, mod- erately drained.	Full sun, open to protected position, frost, wind and slightly drought tolerant.	No major pest or disease problem.	It has a medium water require- ment once established and requires a little maintenance.	Available from most commercial nurseries.	No specific nuisance.	It has a vigorous growth rate establishing in 1 to 2 years.	Not considered to be extensive or overly vigorous.
Hib lin	Hibbertia linearis	Showy Guinea Flower		0.6x1m	Υ	Pot Size: 140mm Pot Density: 6 Plants per m2	0.3m	An erect upright shrub with soft leaves that vary from linear to obovate with pointed or round tips.	The bright yellow flowers of Hibbertia linearis may grow in the leaf axils or at the ends of branches. They appear from May to October	Well drained, moist sandy to clay loam, organic rich acidic.	Salt-spray tolerant, drought tolerant, frost tender	Plague thrips, phytophthora root rot, grey mold, grapevine moth.	Occasional deep watering during dry periods, to establish young plants. Once established low watering needed.	Available from most commercial nurseries.	Pruning not necessary, tolerates cut- ting back to control.	Fast Growth Rate.	Not considered to be extensive or overly vigorous.
Ken rub	Kennedia rubicunda	Dusky Coral Pea		4x3m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	Perennial climber that forms dense cover and has slender twining stems that grow over a support or forms a prostate habit.	It has mid green divided leaves with 3 leaflets and the coral- red pea-shaped flowers appear in a raceme from spring to sum- mer.	Prefers a well drained but moist, poor to moderately fertile sandy-stony soil to clay loam with a pH range from 5.5 to 7.0.	Prefers a pro- tected sunny to semi-shaded position and tolerates light frost, salt spray and drought.	No major pest or disease problem.	Once estab- lished it has a low water requirement, prefering to have reliable moist organic rich soil during the growing period.	Available from most commercial nurseries. And native nurseries.	No specific nuisance.	Fast growth rate. Establishing in 1 to 2 years and is moderately long lived.	Not considered to be extensive or overly vigorous.
Pat ser	Patersonia sericea	Silky Purple Flag		0.7x0.7m	Υ	Pot Size: 140mm Pot Density: 6 Plants per m2	0.3m	A upright rhizomatous perenial with foliage that forms a tufted habit.	Stiff bright green strap-like leaves and deep violet expanded tube shaped flowers that appear above the stems in clusters from spring to sum- mer.	Prefers a well to moderately drained poor- fertile moist sandy-stony to silty soil that is acidic with a pH range from 5.5 to 7.5.	Prefers an open sunny to semi- shaded position and is frost and drought toler- ant.	No major pest or disease problem.	Once established it has a low water requirement preferring organic rich deep soil that is moist and tolerates inundation.	Available from most commercial nurseries. And native nurseries.	Pruning not necessary, tolerates cut- ting back to control.	Fast Growth Rate.	Not considered to be extensive or overly vigorous.
Sal qui	Salicornia quinqueflora	Glasswort		0.5x0.5m	Y	Pot Size: 140mm Pot Density: 6 Plants per m2	0.3m	A succulent to small shrub that grow in a mat like form near salt water bodies. The stems are jointed and fleshy when young	The leaves grow opposite to each other and are connected at the base. They grow on small bumpy petioles.	Prefers habitat is along salty waterways, often below and above the high and low tide marks.	Prefers and open sunny position within the tidal zone. Is salt and drought tolerant.	No major pest or disease problem.	Once estab- lished it has a low water requirement.	Available from most commercial nurseries. And native nurseries.	Pruning not necessary, tolerates cut- ting back to control.	Fast Growth Rate.	Not considered to be extensive or overly vigorous.
Cri ped	Crinum pedunculatum	Swamp Lily		2-3x2-3m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	A large lily, very versatile & hardy. Makes a great feature plant for the home garden. It can be grown in a wide range of conditions from full sun to half shade or more.	Flowers, occurring from November to March, white 10cm across in clusters of 10-25. With a pleasant perfume.	Tolerates poor drainage and clay soils.	Suitable for coastal areas and tolerates frosts.	Caterpillars, snails, slugs.	Removal or cutting back of older or dam- aged leaves to stem. Remove spent flower stems.	Available from most commercial nurseries.	If has caterpilla damage cut leaves back to stem for re-shooting in growing months	Fast in growing season	Not considered to be extensive or overly vigorous.
Gah mel	Gahnia melanocarpa	Black-Fruit Saw Sedge		1.5x1.5m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	Pereniial sedge that forms a clump with upright dark green grass-like leaves.	The flowers grow in spikes and appear from spring to summer. The flowers are shiny dark brown to black nuts.	Prefers a well drained moder- ately fertile soil.	Prefers a semi shaded to full sun position and is drought tender but frost tolerant.	No major pest or disease problem.	Once estab- lished it has a medium water requirment and responds to occasional deep watering par- ticularly buring dry periods.	Available from most commercial nurseries.	Pruning not normally required, but will recover well if cut back hard.	Fast growth rate. Establishes from division in one season.	Not considered to be extensive or overly vigorous.

NOTE PLANTING APPROACH:
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FROM NORTHERN BEACHES. PLANTS SUITABLE FOR
RESIDENTIAL SETTING

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Registered Landscape Architect: Garth Paterson FAILA Reg#716 BLA
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-	1	DA SUBMISSION	DC	GP	16.05.22
REV	NO	DESCRIPTION	DWN	CHK	DATE

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PROJECT

THE QUEENSCLIFF PROJECT

DRAWING TITLE

PLANTING SCHEDULE

ISSUE DA	PROJECT NO.
SCALE	

DRAWING NO.	REVISIO
LA-12	

A

PLANTING MIX C - LOW FLOWERING GROUNDCOVERS & GRASSES

Botanical Name | Common Name

Proposed Pot

Size / Density

Height at

Planting

Description

Seasonal/

Special Feature

Conditions

Height x

Spread

Images

Native

(Y/N)

SHRUBS

Code

Mel nod	Melaleuca nodosa	Ball Honey Myrtle		3x2.5m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	A medium sized shrub with narrow, rigid and prickly leaves. Flowers are carried in globular heads.	The flowers appear from October to earl summer. The flowers are deep yellow to white.	Grows in moist moderately well drained fertile sandy-silty to loamy soil.	Prefers an open sunny position but will tolerate some shade. It is salt and drought tolerant but frost sensitive.	Susceptible to long-tailed sawflies, wax scale, tip borer, caterpillars.	Medium water requirement once established and responds to mulching with an occasional deep watering during dry periods.	Available from most commercial nurseries. And native nurseries.	Leaf fall is minimal.	Medium Growth Rate.	Not considered to be extensive or overly vigorous.
Epa lon	Epacris longiflora	Native Fuschia		1.5x1m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	An erect spreading shrub, with prominent short leaf scars; leaves are ovate with a sharp narrowing point; mid to dark green in colour.	Flowers extending down branches, produced within the leaves, red/ pink with white tips.	Well drained sandy-stony to clay loam, reliable moisture.	It grows in a sunny to semi-shaded open position and is frost and drought tolerant.	No major pest or disease problem.	It has a low water requirement once estab- lished.	Available from most commercial nurseries. And native nurseries.	Pruning not normally required.	Fast Growth Rate.	Not considered to be extensive or overly vigorous.
Aot eri	Aotus ericoides	Common Aotus		1-2x1- 1.5m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	Medium Shrub with the stems often covered in short, matted, rusty or greyish coloured hairs. The leaves are whorls of 3 or more.	The single yellow pea flower has a red-orange band around a yellow centre and bright yellow wings and keel. The flowers appear in late winter.	Well drained sandy-stony to clay loam, reliable moisture.	It grows in a sunny to semi-shaded open position and is frost and drought tolerant.	No major pest or disease problem.	It has a low water requirement once estab- lished.	Available from most commercial nurseries. And native nurseries.	Pruning not normally required.	Fast Growth Rate.	Not considered to be extensive or overly vigorous.
NATIVE (GRASSES & G	ROUNDCOVI	ERS														
Code	Botanical Name	Common Name	Images	Height x Spread	Native (Y/N)	Proposed Pot Size / Density	Height at Planting	Description	Seasonal/ Special Feature	Preferred Soil Conditions	Drought/Frost Tolerance	Pest & Disease Susceptibility	Maintenance Requirement	Availability	Nuisance	Longevity/ Growth Rate	Root Damage Potential
Ble spp.	Blechnum spp.	Blechnum		1x1m	Υ	Pot Size: 140mm Pot Density: 6 Plants per m2	0.3m	Medium rhizome that may grow upright or have a creeping habit. The plant produces blades of fronds which can be green or have a red tinge.	The leaf veins are usually free, dividing one to three times, each ending near the frond margin in an enlarged tip. The sori have indusia, scale-like coverings.	Prefers well drained, moist soil with a high acidic level and organic compo- sition.	Prefers a semi shaded position. It is salt and wind tolerant.	No major pest or disease problem.	It has a medium water requirement.	Available from most commercial nurseries. And native nurseries.	The fern can sweat if ex- posed to high water levels for extended periods of time.	Fast Growth Rate.	Not considered to be extensive or overly vigorous.
Can mar	Canavalia maritima	Beach Bean		0.3x3-6m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	A vigorous climber that can form mat like foilage. It consists of tree leaflets which fold to protect itself from the sun.	The flowers are pea-shaped, rich pink in colour and the fruit is a pod similar to the garden pea.	Well-drained, poor sandy to light loamy soil, dry-moist, acidic.	Drought salt, light frost tolerant.	No major pest or disease problem.	Once established it has a low water requirement and will tolerate long periods of drought. Can be cut back easily.	Available from most commercial nurseries. And native nurseries.	Pruning not necessary, tolerates cut- ting back to control.	Fast Growth Rate	Not considered to be extensive or overly vigorous.
Car gla	Carpobrotus glaucescens	Pigs Face		0.3x2m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	Coastal succulent with spreading stems that root at the nodes, erect foliage forming a dense prostrate habit.	Bright daisy- like flowers appear above the foliage from spring to summer. Fleshy glaucous green linear leaves.	Well-drained, poor sandy to light loamy soil, dry-moist, acidic.	Drought salt, light frost tolerant.	Aphids, fungal root rot in wet soil.	Once established it has a low water requirement and will tolerate long periods of drought. Can be cut back easily.	nurseries.	Pruning not necessary, tolerates cut- ting back to control.	Fast Growth Rate.	Not considered to be extensive or overly vigorous.
Cal dub	Calochlaena dubia	False Bracken		1x1m	Y	Pot Size: 140mm Pot Density: 6 Plants per m2	0.3m	A small fern with yellow-green foilage fronds that arise from thick brown haired rhizomes.	The fronds are triangular overall and tripinnate- pinnatifid in shape.	Prefers well drained, moist soil with a high acidic level and organic compo- sition.	Drought and frost tollerant.	No major pest or disease problem.	It has a medium water requirement.	Available from most commercial nurseries. And native nurseries.	Pruning not necessary, tolerates cut- ting back to control.	Fast Growth Rate.	Not considered to be extensive or overly vigorous.
Dia cae	Dianella caerulea	Flax lily		0.7x0.7m	Y	Pot Size: 140mm Pot Density: 6 Plants per m2	0.3m	This perennial plant has a tufted or mat habit. It has dark green grass-like, flat lanced-shaped leaves.	The pendent blue star-shaped flowers appear in a cluster above the foliage on a slender stem from spring to early summer.	Well drained moderatly fertile sandy to clay loams, neutral to slightly acid.	Full sun to semi- shade, drought and frost resist- ant, protected position.	Not attacked, seeds ger- minate and rhizomes shoots after fire or disturbance	It has a low water requirement once established.	Available from most commercial nurseries.	Pruning not normally required, divide to contain dur- ing spring.	Medium growth rate.	Not considered to be extensive or overly vigorous.
Cen asi	Centella asiatica	Centella		0.2x1m	Y	Pot Size: 140mm Pot Density: 6 Plants per m2	0.3m	A herbaceous perennial plant green to reddish in colour with slender stems and rounded apices.	The flowers are white or crimson in color, born in small, rounded bunches (umbels) near the surface of the soil.	Prefers a very moist soil with a ph range of 5.1 to 9.0	Prefers a sunny to partially shaded position.	No major pest or disease problem.	It has a high water requirement.	Available from most commercial nurseries. And native nurseries.	Pruning not necessary, tolerates cut- ting back to control.	Fast Growth Rate.	Not considered to be extensive or overly vigorous.
Doo asp	Doodia aspera	Rasp Fern		1x1.5m	Y	Pot Size: 140mm Pot Density: 6 Plants per m2	0.3m	It is a tufted, fountain like, low grow- ing fern that spreads to form colonies with mid green fonds when mature.	The Rasp Fern develops pinky coloured fonds when immature that turn to mid green when mature.	Prefers well drained, moist soil with a high acidic level and organic compo- sition.	Prefers a semi shaded position. It is salt and wind tolerant.	No major pest or disease problem.	It has a medium water requirement.	Available from most commercial nurseries. And native nurseries.	The fern can sweat if ex- posed to high water levels for extended periods of time.	Fast Growth Rate.	Not considered to be extensive or overly vigorous.
Hib sca	Hibbertia Scandens	Golden Guinea Flower	rtruc (Control of the Control of the	0.3x2-3m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	Has twinning woody stems that scramble to form a dense cover. Dark green leathery oval leaves and the large yellow wheel-shaped flowers	Large yellow wheel-shaped flowers appear solitary dur- ing spring or throughout the year in warm regions.	Well drained, moist sandy to clay loam, organic rich acidic.	Salt-spray tolerant, drought tolerant, frost tender.	Plague thrips, phytophthora root rot, grey mold, grapevine moth.	Occasional deep watering during dry periods, to establish young plants. Once established low watering needed.	Available from most commercial nurseries.	Pruning not necessary, tolerates cut- ting back to control.	Fast Growth Rate	Not considered to be extensive or overly vigorous.

Preferred Soil Drought/Frost Pest & Disease

Tolerance

Maintenance

Requirement

Susceptibility

Availability

Nuisance

NOTE PLANTING APPROACH:
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Root Damage

Potential

Longevity/

Growth Rate

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-	1	DA SUBMISSION	DC	GP	16.05.22
REV	NO	DESCRIPTION	DWN	CHK	DATE

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PROJECT

THE QUEENSCLIFF PROJECT

DRAWING TITLE

PLANTING SCHEDULE

ISSUE DA	PROJECT NO.	
SCALE		

DRAWING NO.

LA-13

REVISION

PLANTING MIX C - LOW FLOWERING GROUNDCOVERS &

NATIVE GRASSES & GROUNDCOVERS

NATIVE	JKASSES & G	ROUNDCOVE	=RS														
Code	Botanical Name	Common Name	Images	Height x Spread	Native (Y/N)	Proposed Pot Size / Density	Height at Planting	Description	Seasonal/ Special Feature	Preferred Soil Conditions	Drought/Frost Tolerance	Pest & Disease Susceptibility	Maintenance Requirement	Availability	Nuisance	Longevity/ Growth Rate	Root Damage Potential
Ken rub	Kennedia rubicunda	Dusky Coral Pea		4x3m	Y	140mm Pot	0.3m	Perennial climber that forms dense cover and has slender twining stems that grow over a support or forms a prostate habit.	It has mid green divided leaves with 3 leaflets and the coral- red pea-shaped flowers appear in a raceme from spring to sum- mer.	Prefers a well drained but moist, poor to moderately fer- tile sandy-stony soil to clay loam with a pH range from 5.5 to 7.0.	Prefers a protected sunny to semi-shaded position and tolerates light frost, salt spray and drought.	No major pest or disease problem.	Once estab- lished it has a low water requirement, prefering to have reliable moist organic rich soil during the growing period.	Available from most commercial nurseries. And native nurseries.	No specific nuisance known.	Fast growth rate. Establishing in 1 to 2 years and is moderately long lived.	Not considered to be extensive or overly vigorous.
Lom lon	Lomandra Iongifolia	Mat Rush		1x1m	Y	Pot Size: 140mm Pot Density: 6 Plants per m2	0.3m	This rhizomatous rush-like perennial forms a tussock-like clump. It has bright green strap-like leaves.	Strongly perfumed creamy star- shaped flowers appear in a flat spike from late spring to early summer.	Most soil types; sandy to clay loams with moderate drainage preferred.	Frost, drought and pollution tolerant.	No major pest or disease problem.	Once established it has a low water requirement.	Available from most commercial nurseries.	Pruning not normally required, divide to contain dur- ing spring.	Fast growth rate.	Not considered to be extensive or overly vigorous.
Mac com	Macrozamia communis	Burrawang Palm		2x2m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	A slow growing cycad that forms a thick trunk and is covered in a leaf base and crowned in foliage.	The divided fronds have bright green leaflets and are upright to arching and the grenish female and male cones appear in early summer.	Prefers a well drained poor to moderately fertile sandy soil, with a pH range from 5.5 to 7.0.	Prefers a sunny to semi-shaded protected position and is frost, salt spray and drought tolerant.	Palm scale, brown scale	Once estab- lished it has a low water requirement, responding to mulch and an occasional deep watering during dry periods.	Available from most commercial nurseries.	Does not like wet feet, or having roots disturbed.	Slow growth rate. It is long lived and difficult to transplant once mature.	Not considered to be extensive or overly vigorous.
Ole tom	Olearia tomentosa	Toothed Paper Daisy/Native Daisy		1.5x1.5m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	A small to medium flower- ing shrub with green-greyish foliage that is oval to elliptical in shape.	It produces well- displayed white daisy flower heads that occur in spring and early summer.	Prefers well drained, moist soils.	Prefers a sunny poisition, although it will tolerate semi shade.	No major pest or disease problem.	Once established it has a medium water require- ment, responds to mulch and soil moisture for growth, but dislikes dry conditions.	Available from most commercial nurseries. And native nurseries.	Pruning not normally required.	Medium Growth rate.	Not considered to be extensive or overly vigorous.
Pla lan	Platysace lanceolata	Native Parsnip	Guidan no With Angus con	1.5x1.5m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	An upright, widely spreading shrub with dull green, narrow to broadley elliptic leaves.	The shrub produces a inflorescence compriseing of cream white flowers in an umbel. flowering occurs from September to March.	Well drained moderately fertile moist-dry sandy-stony soil.	Full sun to semi shade, exposed position, salt, drought and frost resistant.	No major pest or disease problem.	It has a low water requirement once established.	Available from most commercial nurseries. And native nurseries.	No specific nuisance known.	Fast Growth Rate.	Not considered to be extensive or overly vigorous.

PLANTING MIX D - COMMUNITY GARDEN

SMALL TREES

Code	Botanical Name	Common Name	Images	Height x Spread	Native (Y/N)	Proposed Pot Size / Density	Height at Planting	Description	Seasonal/ Special Feature	Preferred Soil Conditions	Drought/Frost Tolerance	Pest & Disease Susceptibility	Maintenance Requirement	Availability	Nuisance	Longevity/ Growth Rate	Root Damage Potential
Cit lim	Citrus limon	Lemon Tree		3-6x2m	Y	Pot Size: 75L Density: As Shown	1.5m	This small tree has a short trunk with many thorny branches that form a bushy rounded habit.	It has light green leathery ovate leaves, fragrant white cup- shaped flowers appear from spring to sum- mer followed by yellow fruit.	Prefers a well drained sandy to clay loam that is slightly acid with a pH range from 5.5 to 6.0 with a low salt content, dislikes poorly drained clay based soils.	Prefers an open sunny position and is frost, wind and drought tender.	Citrus scab, citrus bug, bronze orange bug, lack of copper in the soil. Phytophthora, sooty mold collar rot occurs in wet soils.	Once established it has a medium water require- ment, responds to mulch and soil moisture for growth, but dislikes dry conditions.	Available from most commercial nurseries.	No specific nuisance issues known. fruit fall is minimal.	Medium growth rate. Establishing in 3 to 5 years and is moderately long lived.	Not considered to be extensive o overly vigorous
Cit aur	Citrus aurantifolia	Mexican Lime		2x1.5m	Y	Pot Size: 75L Density: As Shown	1.5m	This small tree has a short trunk with many thorny branches that form a bushy rounded habit.	It has light green leathery ovate leaves, fragrant white cup- shaped flowers appear from spring to sum- mer followed by green fruit.	Prefers a well drained sandy to clay loam that is slightly acid with a pH range from 5.5 to 6.0 with a low salt content, dislikes poorly drained clay based soils.	Prefers an open sunny position and is frost, wind and drought tender.	citrus scab, citrus bug, bronze orange bug, lack of copper in the soil. Phytophthora, sooty mold collar rot occurs in wet soils.	Once established it has a medium water require- ment, responds to mulch and soil moisture for growth, but dislikes dry conditions.	Available from most commercial nurseries.	No specific nuisance issues known. fruit fall is minimal.	Medium growth rate. Establishing in 3 to 5 years and is moderately long lived.	Not considered to be extensive or overly vigorous
Glo fer	Glochidion ferdinandi	Cheese Tree		10x5m	Y	Pot Size: 75L Density: As Shown	1.5m	This is a medium to large tree has an erect greyish trunk with spreading branches that form a dense irregular rounded crown.	It has dark glossy green leaves and the small and greenish flowers appear in spring followed by capsular fruit.	It grows in light to medium organic rich moist sandy to clay loam.	It prefers an open sunny to semi-shaded position and is light frost and drought tolerant.	Swift moth at- tack, re-shoots after fire.	It has a low water requirement once established.	Available from most commercial nurseries.	Leaf fall in autumn. Relatively small leaflets.	Fast growth rate.	Not considered to be extensive or overly vigorous
Lag nat	Lagerstroemia indica x fauriei 'Natchez'	Crepe Myrtle		7x4m	N	Pot Size: 75L Density: As Shown	1.5m	Smooth grey- ish trunk and spreading branches. Dark green foliage, produces clusters of white flowers during summer.	White flowers from early January to April. Mid green foliage turning yellow, orange & scarlet in Autumn.	Moderately heavy clays & moist but well-drained alluvial soils.	Tolerant of light frosts to minus 3°C.	Susceptible to powdery mil- dew in high humidity.	Regular watering during establishment. Requires formative pruning to ensure development of a single trunk.	Available from most commercial nurseries.	Leaf fall in autumn. Relatively small leaflets.	Medium Growth Rate. Long-lived – 50 years plus in urban areas.	Not considered to be extensive or overly vigorous
Tri lau	Tristaniopsis laurina	Water Gum		12x5m	Y	Pot Size: 75L Density: As Shown	1.5m	Small compact tree with light smooth bark and yellow flowers in Spring.	Dull green dense foliage, small yellow flowers during Novem- ber to January.	Prefers moist fertile soils with good mois- ture levels in summer. Adapt- able to a wide range of soil conditions.	Tolerant of low temperatures to minus 3°C. Prefers a sheltered spot.	No known susceptibility to any specific pests or diseases.	Regular watering during establishment. May require formative prun- ing to ensure development of a single trunk.	Available from most commercial nurseries.	Consistent foliage & debris (nuts & dead leaves) some bark shedding in small strips.	Long-lived – 50 years plus in urban areas. Fast growth rate.	Not considered to be extensive or overly vigorous

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١.	1	DA SUBMISSION	DC	GP	16.05.22
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PROJECT

THE QUEENSCLIFF PROJECT

DRAWING TITLE

PLANTING SCHEDULE

ISSUE DA	PROJECT NO.
SCALE	

DRAWING NO. **LA-14**

REVISION

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PLANTING MIX D - COMMUNITY GARDEN

HRUBS																	
Code	Botanical Name	Common Name	Images	Height x Spread	Native (Y/N)	Proposed Pot Size / Density	Height at Planting	Description	Seasonal/ Special Feature	Preferred Soil Conditions	Drought/Frost Tolerance	Pest & Disease Susceptibility	Maintenance Requirement	Availability	Nuisance	Longevity/ Growth Rate	Root Damage Potential
Ban eri	Banksia ericifolia	Heath Banksia		4x3m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	Variable shrub forms an up- right rounded compact to open habit with smooth to corky bark and has no lignotuber.	It has needle like leaves that are dark green and orange-red flow- ers appear in a long cylindrical spike during winter.	Prefers a well drained sandy- stony soil that is tending acidic with a pH range of 6.0 to 7.5.	Prefers a sunny to partial shade open position and tolerates light frost, drought and salt spray.	Damage by insect predators such as stem borers or psyllids occurs occasionally, but the plant generally remains pest free.	Once estab- lished it has a low water requirement.	Available from most commercial nurseries.	Pruning not necessary, remove dead wood, cut back branches to the collar.	Slow Growth Rate.	Not considered to be extensive o overly vigorou
Bae imb	Baeckea imbricata	Heath Myrtle		0.6x0.5m	Y	Pot Size: 140mm Pot Density: 6 Plants per m2	0.3m	A heathland shrub with small ovate leaves that spread from stick like branches with white flowers.	Produces white flowers from September to February.	Prefers a sandy loam to sandy like soil, but will grow in any soil.	Prefers a sunny position but will tolerate dappled shade. It is not drought or frost tolerant.	No major pest or disease problem.	It has a low water requirement once established, responds to mulch and an occasional deep watering during dry periods.	Available from most commercial nurseries. And native nurseries.	Pruning not normally required.	Fast Growth Rate.	Not considered to be extensive o overly vigorou
Ban obl	Banksia oblongifolia	Fern-Leafed Banksia		3x2m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	A small shrub with a lignotuber. It has pseudowhorled, stiff, leathery leaves with toothed margins. The leaves are a olive to blue green colour.	It produces 15cm long inflorescences (flowers) that are a green/yellow colour.	Prefers sandy soils or sandy alluvium to sandstone cliffs.	It grows in a sunny to semi-shaded open position and is frost and drought toler- ant.	Collar rot, banksia canker, banksia white flies, twig girdler, leaf spots.	It has a low water requirement once established, responds to mulch and an occasional deep watering during dry periods.	Available from most commercial nurseries. And native nurseries.	Pruning not necessary, remove dead wood, cut back branches to the collar.	Moderately long lived. Medium growth rate.	Not considered to be extensive o overly vigorou
Bau rub	Bauera rubioides	River Rose		1.5x1m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	It is a small bushy shrub with small leaves com- prised of 3 leaflets and produces mid pink flowers.	Flowers appear in spring from slender stalks of the leaf axils. The flowers are a deep to mid pink with a mass of yellow stamens in the centre.	Well drained moderately fertile moist-dry sandy-stony soil.	Full sun to semi shade, exposed position, salt, drought and frost resistant.	No major pest or disease problem.	It has a low water requirement once established.	Available from most commercial nurseries. And native nurseries.	Pruning not normally required.	Medium Growth Rate.	Not considered to be extensive o overly vigorou
Cor ref	Correa reflexa	Native Fuchsia		1.2x1m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	A semi-prostate to 1m erect shrub with heart-shaped to rounded rough and hairy leaves, it also produces green and red flowers.	Flowers from May to November. The flowers are of a wooly surface, tubular in shape and yellow green to crimson red in colour.	Prefers a light sandy soil with good drainage and a protected position.	Prefers a protected position with a sunny position but will tolerate shade. It is drought, frost and salt tolerant.	No major pest or disease problem.	Once estab- lished it has a low water requirement, responding to mulch and occasional deep watering during dry periods.	Available from most commercial nurseries. And native nurseries.	Pruning not necessary, tolerates cut- ting back to control.	Medium Growth Rate.	Not considered to be extensive o overly vigorou
Wes fru	Westringia Fruticosa	Coastal Rosemary		1.2x1.5m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	This dwarf form grows to 1 m all and wide It is bird attracting and suitable for coastal positions.	It has small light grey-green leaves and the white 2-lipped flowers appear abundantly towards the end of the branches from spring to summer.	Well drained moderately fertile moist-dry sandy-stony soil.	Full sun to semi shade, exposed position, salt, drought and frost resistant.	Phytophthora root rot, crown rot.	It has a low water requirement once established.	Available from most commercial nurseries.	Tip prune to maintain shape after flowering, tolerates a hard prune.	Fast Growth Rate. It is quick growing and establishes in 1 to 2 years but can be short lived.	Not considered to be extensive o overly vigorou
Tel spe	Telopea speciosissima	Warratah		4x3m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	Small to large shrub that has erect multiple branches from the base that form an open bushy habit.	It has stiff leathery glossy dark green oblong leaves with red tube shaped flowers that appear in a large domed terminal cluster during spring.	Prefers a well- drained, organic rich moist sand- stony soil that is tending acidic with a pH range from 5.5 to 7.0.	Prefers a semi shaded wind protected position but will tolerate full sun and is drought and frost tolerant. dislikes wet soils and is fire resistant.	Phytophthora Root Disease, Pythium and Rhizoctonia.	Once estab- lished it has a low water requirement, responding to mulch and occasional deep watering during dry periods for young plants.	Available from most commercial nurseries.	Pruning not normally required.	Medium growth rate.	Not considered to be extensive o overly vigorou
Code	GRASSES & G Botanical Name	Common Name		Height x Spread	Native (Y/N)	Proposed Pot Size / Density	Height at Planting	Description	Seasonal/ Special Feature	Preferred Soil Conditions	Drought/Frost Tolerance	Pest & Disease Susceptibility	Maintenance Requirement	Availability	Nuisance	Longevity/ Growth Rate	Root Damage Potential
Cor alb	Correa alba	White Correa		0.7x1m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	This small shrub forms a low spreading habit with erect stems that are covered in woolly grey-green rounded leaves.	The white waxy bell-shaped flowers appear from early summer to late autumn.	Well drained moderately fertile sandy to light clay loams, tending alkaline.	Full sun, open position, drought and salt tolerant and mildly frost resistant.	No major pest or disease problem, moderately deer resistant.	It has a low water requirement and requires little care once establised.	Available from most commercial nurseries.	Pruning not normally required, light trim to contain after flowering.	Medium growth rate.	Not considered to be extensive o overly vigorou
Ole tom	Olearia tomentosa	Toothed Paper Daisy/Native Daisy		1.5x1.5m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	A small to medium flowering shrub with green-greyish foliage that is oval to elliptical in shape.	It produces well- displayed white daisy flower heads that occur in spring and early summer.	Prefers well drained, moist soils.	Prefers a sunny poisition, although it will tolerate semi shade.	No major pest or disease problem.	Once established it has a medium water require- ment, responds to mulch and soil moisture for growth, but dislikes dry conditions.	Available from most commercial nurseries. And native nurseries.	Pruning not normally required.	Medium growth rate.	Not considered to be extensive o overly vigorou
Pat gla	Patersonia glabrata	Leafy Purple Flag		0.7x0.7m	Y	Pot Size: 140mm Pot Density: 6 Plants per m2	0.3m	A upright rhizomatous perenial with fo- liage that forms a tufted habit.	Stiff bright green strap-like leaves and deep violet expanded tube shaped flowers that appear above the stems in clusters from spring to summer.	Prefers a well to moderately drained poor- fertile moist sandy-stony to silty soil that is acidic with a pH range from 5.5 to 7.5.	Prefers an open sunny to semi- shaded position and is frost and drought tolerant.	No major pest or disease problem.	Once estab- lished it has a low water requirement preferring or- ganic rich deep soil that is moist and tolerates inundation.	Available from most commercial nurseries.	Pruning not normally required, divide to contain dur- ing spring.	Fast Growth Rate. Establishes in 2 to 3 years and is moderately long lived.	Not considered to be extensive o overly vigorou
Pel aus	Pelargonium australe	Coastal geranium		0.5x1m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	A small herbaceous plant with hairy stems, the leaves are oval shaped, lobed. The plant produces white and red flowers on long stalks.	It produces white and red flowers from spring to sum- mer.	It is a hardy plant and will grow in a range of soils.	It prefers full sun to light shade and tolerates drought and frost.	No major pest or disease problem.	It has a low water requirement and requires little care once establised.	Available from most commercial nurseries. And native nurseries.	Pruning not normally required.	Medium growth rate.	Not considered to be extensive o overly vigorou

NOTE PLANTING APPROACH:
95% OF PLANTS SELECTED ARE ENDEMIC PLANTS
FROM NORTHERN BEACHES. PLANTS SUITABLE FOR
RESIDENTIAL SETTING

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Α	2	DA SUBMISSION - REVISION A	DC	GP	13.07.23
-	1	DA SUBMISSION	DC	GP	16.05.22
REV	NO	DESCRIPTION	DWN	CHK	DATE
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CLIE



PROJECT

THE QUEENSCLIFF PROJECT

DRAWING TITLE

PLANTING SCHEDULE

DA PROJECT NO.

DRAWING NO.

LA-15

REVISION A

PLANTING MIX E - COURTYARD PLANTING

TREES

Code	e Botanical Name Com	nmon Name Images	Height x Spread	Native (Y/N)	Proposed Pot Size / Density	Height at Planting	Description	Seasonal/ Special Feature	Preferred Soil Conditions	Drought/Frost Tolerance	Pest & Disease Susceptibility	Maintenance Requirement	Availability	Nuisance	Longevity/ Growth Rate	Root Damage Potential
Arc cu	Archontopho- nix Bang cunninghami- ana	galow Palm	20x5m	Y	Pot Size: 75L Density: As Shown	1.5m	This solitary palm has a upright greyish smooth trunk up to 250 mm in diameter and is slightly swollen at the base.	It has feathery fronds form an open to rounded crown with a green to purplish crown shaft. The bluish flowers appear in a cluster in summer.	It prefers a well-poorly drained moist to wet sandy-silty to clay loam, organic.	Semi shade to full sun, protected position, wind, frost and drought tender.	Orange palm dart, white palm & cottony cushion scale, palm leaf blight.	It has a high water requirement once established.	Available from most commercial nurseries. And native nurseries.	Remove spent fronds, litter problem fallen seeds and fronds.	Medium growth rate.	Fibrous root system.

NATIVE FERNS & GROUNDCOVERS

NATIVE	FERNS & GRC	OUNDCOVERS										_					
Code	Botanical Name	Common Name	Images	Height x Spread	Native (Y/N)	Proposed Pot Size	Height at Planting	Description	Seasonal/ Special Feature	Preferred Soil Conditions	Drought/Frost Tolerance	Pest & Disease Susceptibility	Maintenance Requirement	Availability	Nuisance	Longevity/ Growth Rate	Root Damage Potential
Cen asi	Centella asiatica	Centella		0.2x1m	Y	Pot Size: 140mm Pot Density: 6 Plants per m2	0.3m	A herbaceous perennial plant green to reddish in colour with slender stems and rounded apices.	The flowers are white or crimson in color, born in small, rounded bunches (umbels) near the surface of the soil.	Prefers a very moist soil with a ph range of 5.1 to 9.0	Prefers a sunny to partially shaded position.	No major pest or disease problem.	It has a high water requirement.	Available from most commercial nurseries. And native nurseries.	Pruning not necessary, tolerates cut- ting back to control.	Fast Growth Rate.	Not considered to be extensive or overly vigorous.
Doo asp	Doodia aspera	Rasp Fern		1x1.5m	Υ	Pot Size: 140mm Pot Density: 6 Plants per m2	0.3m	It is a tufted, fountain like, low growing fern that spreads to form colonies with mid green fonds when mature.	The Rasp Fern develops pinky coloured fonds when immature that turn to mid green when mature.	Prefers well drained, moist soil with a high acidic level and organic compo- sition.	Prefers a semi shaded position. It is salt and wind tolerant.	No major pest or disease problem.	It has a medium water requirement.	Available from most commercial nurseries. And native nurseries.	The fern can sweat if ex- posed to high water levels for extended periods of time.	Fast Growth Rate.	Not considered to be extensive or overly vigorous.
Hib sca	Hibbertia Scandens	Golden Guinea Flower		0.3x2-3m	Υ	Pot Size: 140mm Pot Density: 6 Plants per m2	0.3m	Has twinning woody stems that scramble to form a dense cover. Dark green leathery oval leaves and the large yellow wheel-shaped	Large yellow wheel-shaped flowers appear solitary dur- ing spring or throughout the year in warm regions.	Well drained, moist sandy to clay loam, organic rich acidic.	Salt-spray tolerant, drought tolerant, frost tender.	Plague thrips, phytophthora root rot, grey mold, grapevine moth.	Occasional deep watering during dry periods, to establish young plants. Once established low watering needed.	Available from most commercial nurseries.	Pruning not necessary, tolerates cut- ting back to control.	Fast Growth Rate	Not considered to be extensive or overly vigorous.

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-	1	DA SUBMISSION	DC	GP	16.05.22
REV	NO	DESCRIPTION	DWN	СНК	DATE



PROJECT

THE QUEENSCLIFF PROJECT

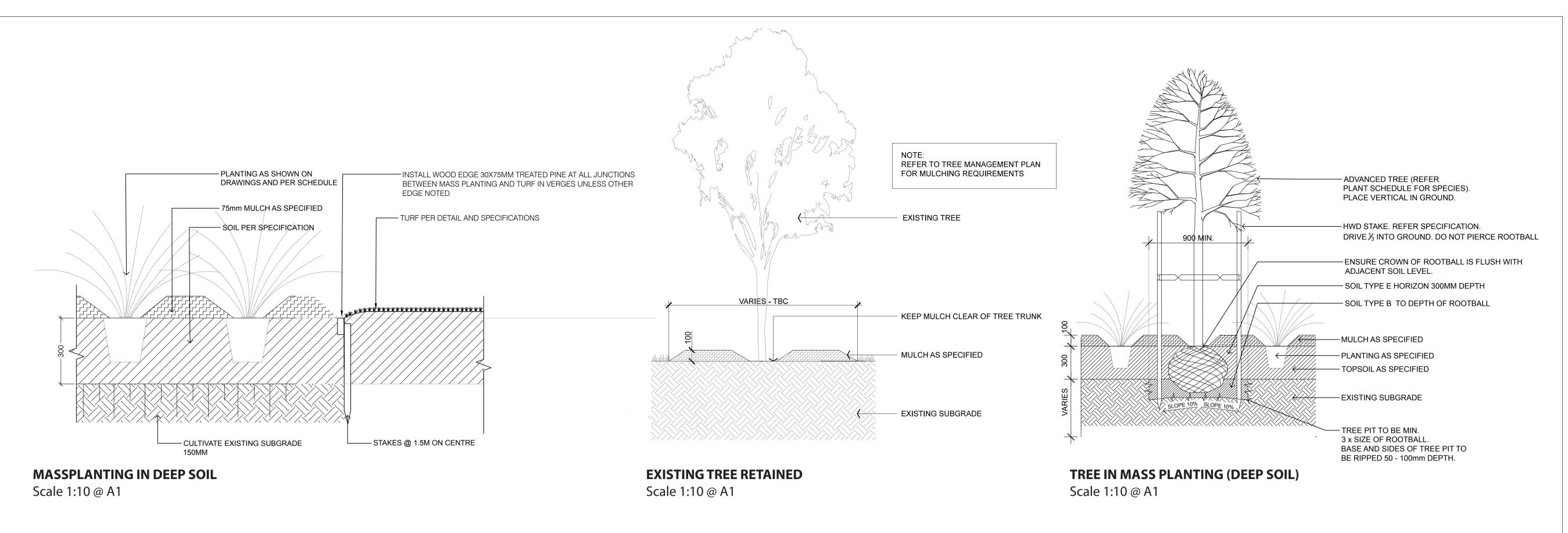
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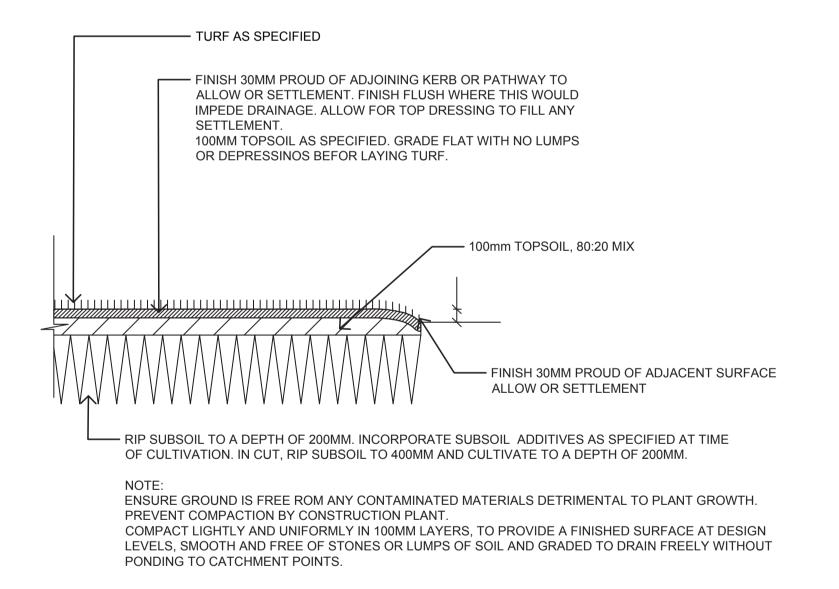
LA-16

PLANTING SCHEDULE

ISSUE	PROJECT NO.
DA	

DRAWING NO.





SITE PREPARATION TURF

NTS

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-	1	DA SUBMISSION	DC	GP	16.05.22
REV	NO	DESCRIPTION	DWN	СНК	

CLIENT



PROJECT

THE QUEENSCLIFF PROJECT

DRAWING TITLE

PLANTING DETAILS

DA PROJECT NO.

DRAWING NO. REVISION

LA-17 A