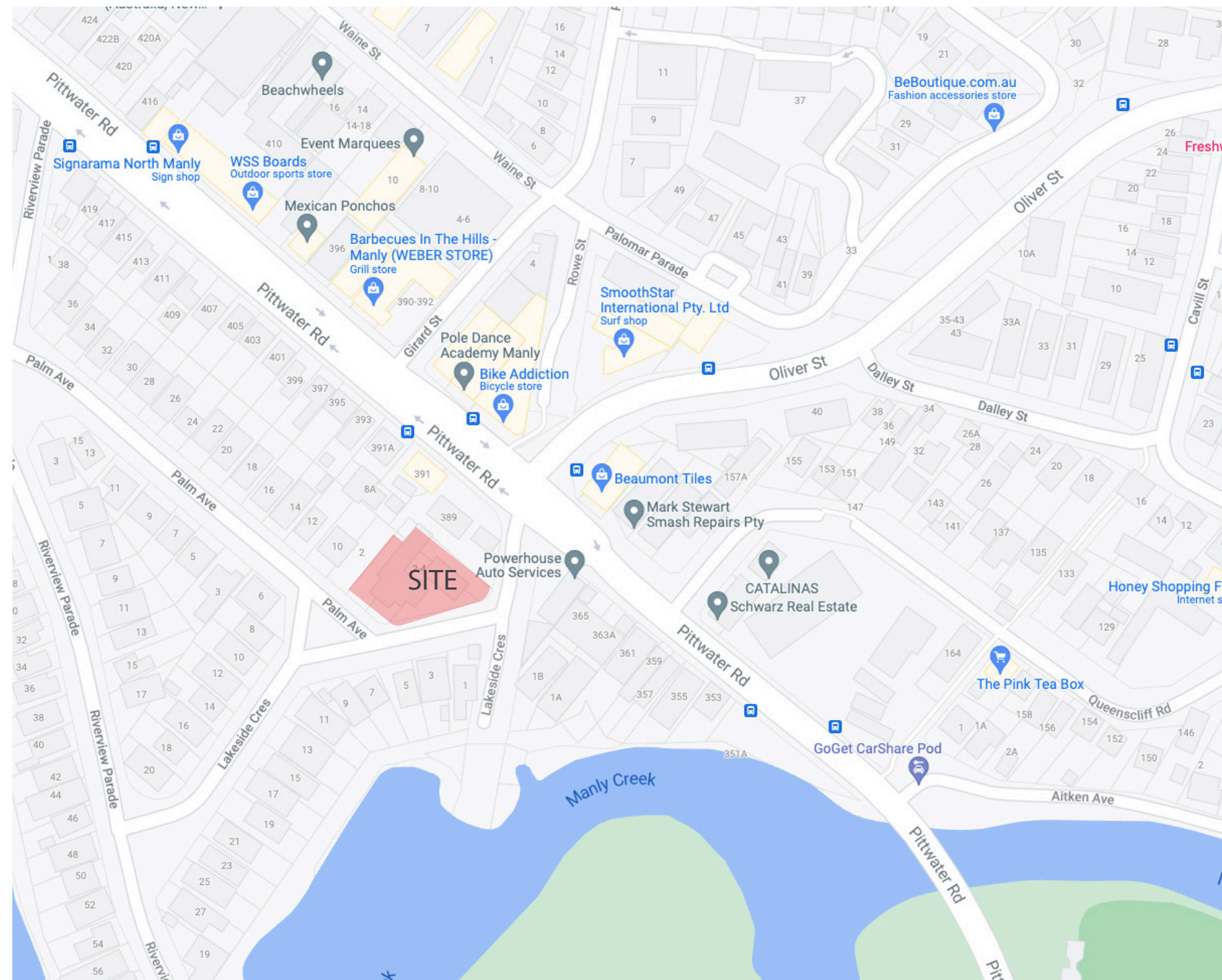


THE QUEENSCLIFF PROJECT LAKESIDE CRESCENT, NORTH MANLY NSW LANDSCAPE DEVELOPMENT

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.

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

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.



REFERENCE PLAN
N.T.S

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 PTY. LTD
16a/1-15 Tramore Place
Killarney Heights, NSW 2087.

T +61 2 9452 4911
admin@pdsdesign.com.au
www.pdsdesign.com.au

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Use figured dimensions only. All dimensions to be verified on site before commencing work. All dimensions are in mm unless otherwise stated. The drawings are to be read in conjunction with the specification and any other written instructions issued. Any discrepancies shall be referred to the Superintendent for a written decision prior to ordering/ supply/ installation/ construction.

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

CLIENT



PROJECT

THE QUEENSCLIFF PROJECT

DRAWING TITLE

COVER SHEET

ISSUE DA	PROJECT NO.
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DRAWING NO. LA-1	REVISION A
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**NOTE:
FOR DETAILS ON EXISTING
TREES REFER ARBORIST REPORT
BY ELKE HAEGE CONSULTING
ARBORIST DATED 24.09.21**



Building behind refer architectural drawings

RL 2.38

RL 2.94

BOUNDARY LINE

DDA Ramp and stairs to service entry level from car park

Brick planter beds

Shelter and BBQ setting

Planting mix per schedule

Existing verge

Existing brick retaining wall. Proposed palisade 1.2m fence on top

Palm Avenue

1.2m palisade fence on top of existing garden wall

Garden seat

RL 2.92

Garden nook with BBQ & picnic seating

Building behind refer architectural drawings

Planting per schedule

Hedge planting along building facade

RL 2.21

Existing brick retaining wall. Proposed palisade fence on top

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



THE QUEENSLIFF PROJECT

LANDSCAPE SECTIONS

PROJECT NO.

REVISION

A

A blurred image of a person walking on a paved path next to a green hedge. The person is out of focus, appearing as a streak of motion. The path is made of light-colored rectangular paving stones. The hedge is a dense, green, rounded bush. The background is a plain, light-colored wall.

A photograph of a modern, curved wooden bench integrated with a planter box, surrounded by lush greenery and trees in a park setting. The bench is made of light-colored wood and is curved to follow the edge of a raised planter bed. The planter bed is filled with various green plants and shrubs. The bench is situated on a paved area, and there are trees and more greenery in the background.

A large outdoor patio area featuring several round wooden tables and matching wooden chairs with dark metal frames. The patio is paved with light-colored square tiles. In the background, there are more tables, chairs, and some greenery.

A square table with a blue top and grey base. The top features a built-in induction cooktop with a stainless steel surface. A red warning label is visible on the left side of the top. The front of the base has a storage compartment with a red label and a small circular handle. A small black label with 'globe' and 'induction' is on the right side of the top.

DRAWING NO.	REVISION
LA-7	A

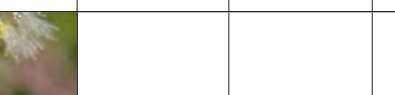
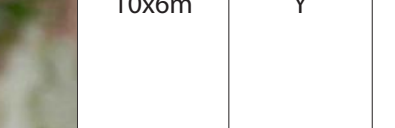
A photograph of a modern building with a light-colored brick facade and a blue vertical stripe, partially obscured by large green tropical leaves on the left. To the right, a large, thick tree trunk with rough bark stands prominently, with more trees and greenery in the background.

A photograph of a large, mature tree with a thick trunk and dense green foliage, standing next to a brick building. A street lamp is visible on the left, and a '2P' parking sign is on the right. The ground is covered in grass and fallen leaves.

A photograph of a large, mature tree with a thick trunk and dense green foliage, standing in front of a building with blue and yellow vertical siding. A street lamp is visible on the left side of the frame.

DRAWING NO. LA-8	REVISION A
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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	Y	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.

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
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 branched 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 sandy-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 established it has a low water requirement, responding to much and occasional deep watering during dry periods for young plants.	Available from most commercial nurseries.	Leaf fall is minimal.	Medium growth rate.	Not considered to be extensive or overly vigorous.
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 lance-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 established it has a medium water requirement, and responds to mulching with an occasional deep watering during dry periods.	Available from most commercial nurseries. And native nurseries.	Leaf fall is minimal.	Fast growth rate. .	Not considered to be extensive or overly vigorous.
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 inflorescence borne in the leaf axils.	The shrub produces a yellowish-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 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 greenish 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 established 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.
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 considered to be extensive or overly vigorous.
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 moderately 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 considered to be extensive or overly vigorous.
Cor ref	Correa reflexa	Common correa		1x1m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	A semi-prostrate 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 cutting back to control.	Medium growth rate.	Not considered to be extensive or overly vigorous.
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-yellow cylindrical flower heads have dark styles and appear during 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 tolerant.	Collar rot, banksia canker, banksia white flies, twig girdler, leaf spots.	It has a low water requirement once established.	Available from most commercial nurseries. And native nurseries.	Pruning not necessary, remove dead wood, cut back branches to the collar.	Moderately long lived.	Not considered to be extensive or overly vigorous.

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

NATIVE GRASSES & GROWDCOVERS

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

SMALL TREES

[illegible]

THE QUEENSLIFF PROJECT

PLANTING SCHEDULE

SCALE

DRAWING NO. LA-10	REVISION A
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SHRUBS

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 adaptable.	Prefers a protected 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 anised 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 cutting back to control.	Fast Growth Rate.	Not considered to be extensive or overly vigorous.
Dar fas	Darwinia fascicularis	Darwinia		2x2m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	A spreading branched shrub small densely crowded, opposite 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 established it has a low water requirement and should be mulched and kept moist during 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.
Syn gla	Synoum glandulosum	Scentless Rosewood		4x3m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	Medium sized shrub with very dense foliage. 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.
Goo 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 established it has a low water requirement and should be mulched and kept moist during 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.
Cal 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 adaptable.	Prefers a protected 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. 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.
Dil ret	Dillwynia retorta	Healthy Parrot Pea		2x1m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	Small shrub spreading to erect twigy branches that form an open rounded habit.	It has dark green needle like leaves that are crowded along stems with yellow 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 established it has a low water requirement and should be mulched and kept moist during 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.
Xan 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 occurrence 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 established it has a low water requirement and should be mulched and kept moist during 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 to autumn.	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.

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

NATIVE GRASSES & GROUNDCOVERS

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PROJECT	
THE QUEENSLIFF PROJECT	
DRAWING TITLE	
PLANTING SCHEDULE	
ISSUE DA	PROJECT NO.
SCALE	
DRAWING NO. LA-12	REVISION A

PLANTING MIX C - LOW FLOWERING GROUNDCOVERS & GRASSES

SHRUBS

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 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 early 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 established.	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 established.	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 & GROUNDCOVERS

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	Y	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 composition.	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 exposed 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 foliage. 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 cutting 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.	Available from most commercial nurseries.	Pruning not necessary, tolerates cutting 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 foliage 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 composition.	Drought and frost tolerant.	No major pest or disease problem.	It has a medium water requirement.	Available from most commercial nurseries. And native nurseries.	Pruning not necessary, tolerates cutting 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 lance-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 moderately fertile sandy to clay loams, neutral to slightly acid.	Full sun to semi-shade, drought and frost resistant, protected position.	Not attacked, seeds germinate 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 during 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 cutting 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 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 composition.	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 exposed 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	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 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.	Pruning not necessary, tolerates cutting back to control.	Fast Growth Rate	Not considered to be extensive or overly vigorous.

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

[illegible]

NATIVE GRASSES & GROUNDCOVERS

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DRAWING NO. LA-14	REVISION A
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SMALL TREES

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




THE QUEENSLIFF PROJECT

PLANTING SCHEDULE





DRAWING NO. LA-14	REVISION A
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PLANTING MIX D - COMMUNITY GARDEN

SHRUBS

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 upright 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 flowers 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 established 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 or overly vigorous.
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 or overly vigorous.
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 pseudo-whorled, 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 tolerant.	Collar rot, banksia canker, 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.
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 comprised of 3 leaflets and produces mid pink flowers.	Flowers appear in spring from slender stalks of the leaf axis. 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 or overly vigorous.
Cor ref	Correa reflexa	Native Fuchsia		1.2x1m	Y	Pot Size: 140mm Pot Density: 1 Plants per m2	0.3m	A semi-prostrate to 1m erect shrub with heart-shaped to rounded rough and hairy leaves, tubular in shape and 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 cutting back to control.	Medium Growth Rate.	Not considered to be extensive or overly vigorous.
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 or overly vigorous.
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 sandy-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 frost tolerant. dislikes wet soils and is fire resistant.	Phytophthora Root Disease, Pythium and Rhizoctonia.	Once established 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 or overly vigorous.

NATIVE GRASSES & GROUNDCOVERS

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
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 established.	Available from most commercial nurseries.	Pruning not normally required, light trim to contain after flowering.	Medium growth rate.	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 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 position, although it will tolerate semi shade.	No major pest or disease problem.	Once established it has a medium water requirement, 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.
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 perennial 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 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 established it has a low water requirement preferring organic rich deep soil that is moist and tolerates inundation.	Available from most commercial nurseries.	Pruning not normally required, divide to contain during spring.	Fast Growth Rate. Establishes in 2 to 3 years and is moderately long lived.	Not considered to be extensive or overly vigorous.
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 summer.	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 established.	Available from most commercial nurseries. And native nurseries.	Pruning not normally required.	Medium growth rate.	Not considered to be extensive or overly vigorous.

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RESIDENTIAL SETTING



**Paterson
Design
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Landscape Architects / Urban Designers

Registered Landscape Architect: Garth Paterson FAILA Reg#716 BLA
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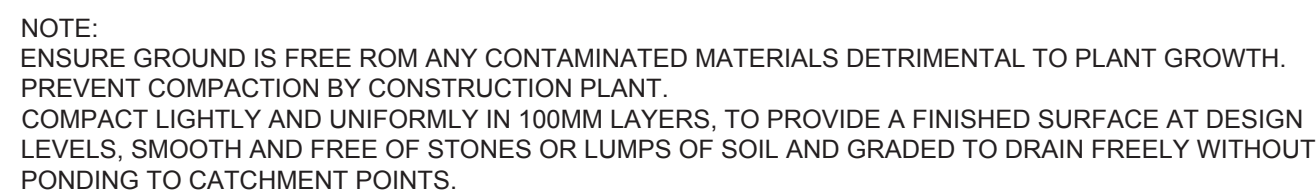
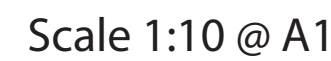
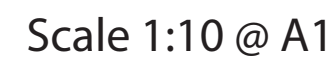
PDS Design Studio Pty. LTD
18a/1-15 Tremore Place
Kilmarney Heights, NSW 2087.

T +61 2 9452 4911
admin@pdsdesign.com.au
www.pdsdesign.com.au

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Use figured dimensions only. All dimensions to be verified on site before commencing work. All dimensions are in mm unless otherwise stated. The drawings are to be read in conjunction with the specification and any other written instructions issued.

Any discrepancies shall be referred to the Superintendent for a written decision prior to ordering/ supply installation construction.



NTS

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

CLIENT



THE QUEENSCLIFF PROJECT

DRAWING TITLE

PLANTING DETAILS

ISSUE DA	PROJECT NO.
SCALE	

DRAWING NO. LA-17	REVISION A
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