

PROJECT

122-124 QUEENSCLIFF ROAD QUEENSCLIFF

LANDSCAPE ARCHITECTURAL DRAWING LIST

DWG NO.	SHEET NAME	SCALE	ISSUE	REV. DATE
LS00	LANDSCAPE COVER PAGE (THIS PAGE)	NTS@A3	D	04.05.23
LS01	LANDSCAPE SITE PLAN	1:150@A3	D	04.05.23
LS02	LANDSCAPE LOWER GROUND	1:200@A3	D	04.05.23
LS03	LANDSCAPE GROUND FLOOR	1:200@A3	D	04.05.23
LS04	LANDSCAPE LEVEL 1 + ROOF TERRACE	1:200@A3	D	04.05.23
LS05	LANDSCAPE PLANT SPECIES	NTS@A3	D	04.05.23
LS06	LANDSCAPE NOTES	NTS@A3	D	04.05.23
LS07	LANDSCAPE TYPICAL DETAILS	AS SHOWN@A3	D	04.05.23

MWLA

PROJECT NUMBER

2214

CLIENT

KRISTOFFER HARVEY

ISSUE

REVISED DA | UPDATED

DATE

04.05.2023

NOMINATED LANDSCAPE ARCHITECT

MELISSA WILSON



MELISSA WILSON LANDSCAPE ARCHITECTS

0416 112 862
LEVEL 4 | 15 FOSTER STREET SURRY HILLS, 2010 NSW
PO BOX DARLIGHURST NSW 1300
www.melissawilson.com.au

INDICATIVE PLANT SCHEDULE LOWER GROUND					
SPECIES	COMMON NAME	MATURE SIZE	QTY	POT SIZE	NATIVE
TREES					
<i>Livistona australis</i>	Cabbage Tree palm	10m	6	200L (3-6m)	YES
<i>Tristaniopsis laurina</i>	Water Gum	7m	1	100L	YES*
SCREEN PLANTING					
<i>Banksia ericifolia</i>	Heath Leaved Banksia	2m	10	45L	YES*
<i>Elaeocarpus reticulatus</i>	Blueberry Ash	6-8m	11	45L	YES*
<i>Syzygium smithii</i> var. <i>minor</i>	Lilly Pilly	3-3.5m	11	45L	YES*
SHRUBS					
<i>Blechnum cartilagineum</i>	Water Fern	0.8m	50	5L	YES*
<i>Correa alba</i>	Native Fushia	1m	40	5L	YES*
<i>Dianella Caerulea</i>	Blue Flax Lilly	0.3	100	150mm pot	YES*
<i>Dichelachne crinita</i>	Plume Grass	0.3	80	150mm pot	YES*
<i>Ficinia nodosa</i>	Knodding CLub Rush	0.3	40	150mm pot	YES*
<i>Ricinocarpus pinifolius</i>	Wedding Bush	1m	30	5L	YES*
GROUNDCOVERS					
<i>Billardiera scandens</i>	Apple Berry	-	36	150mm pot	YES*
<i>Carpobrotus glaucescens</i>	Pig Face	-	24	150mm pot	YES*
<i>Dichondra repens</i>	Kidney Weed	-	400	150mm pot	YES*
<i>Hardenbergia violacea</i>	False Sarsparilla	-	24	150mm pot	YES*

18 x *Billardiera scandens*
15 x *Dianella Caerulea*

Mixed planting:
20 x *Ficinia nodosa*
15 x *Ricinocarpus pinifolius*
1 x *Tristaniopsis laurina*

5 x *Banksia ericifolia*

200 x *Dichondra repens*

11 x *Syzygium smithii* var. *minor* with
35 x *Dianella caerulea*

3 x *Livistona australis* with
25x *Blechnum cartilagineum*

Mixed planting of:
12 x *Hardenbergia violacea*
12 x *Carpobrotus glaucescens*
to spill over wall

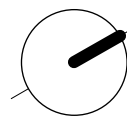
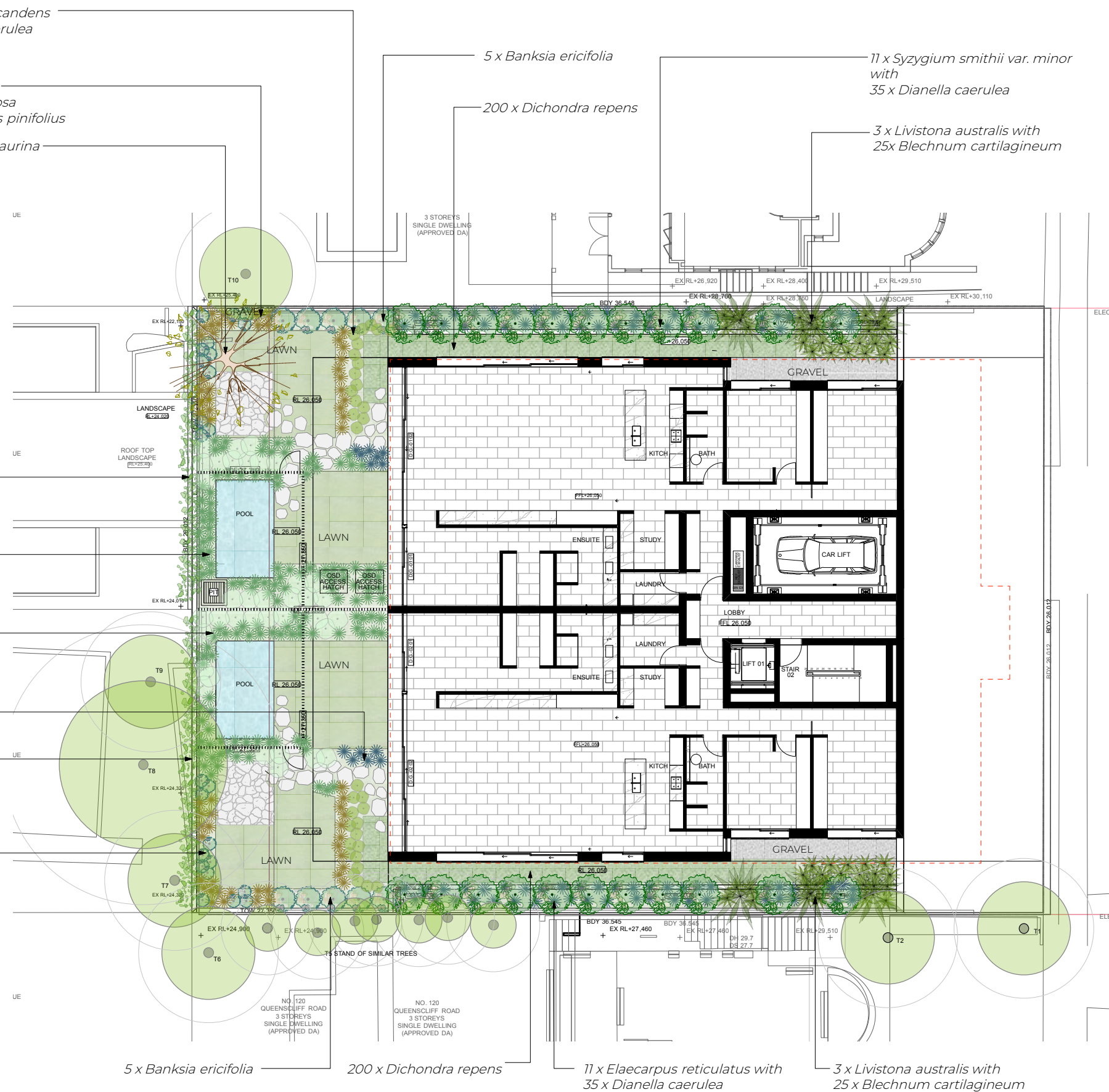
Mixed planting:
40 x *Dichelachne crinita* with
20 x *Correa alba*

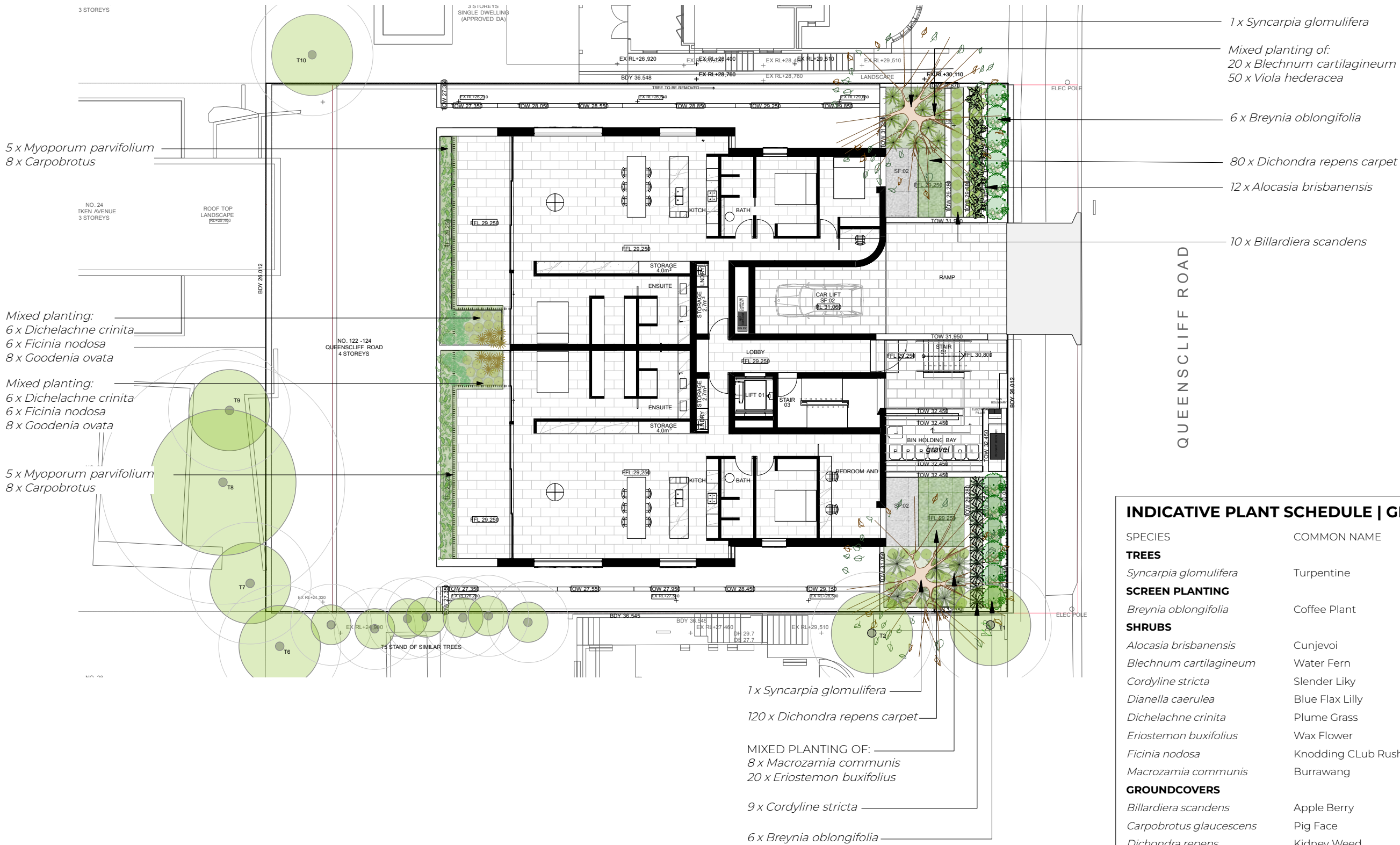
Mixed planting:
40 x *Dichelachne crinita* with
20 x *Correa alba*

18 x *Billardiera scandens*
15 x *Dianella Caerulea*

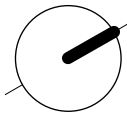
Mixed plantig of:
12 x *Hardenbergia violacea*
12 x *Carpobrotus glaucescens*
to spill over wall

Mixed planting:
20 x *Ficinia nodosa*
15 x *Ricinocarpus pinifolius*





INDICATIVE PLANT SCHEDULE GROUND FLOOR					
SPECIES	COMMON NAME	MATURE SIZE	QTY	POT SIZE	NATIVE
TREES					
<i>Syncarpia glomulifera</i>	Turpentine	15m	2	100L	YES*
SCREEN PLANTING					
<i>Breynia oblongifolia</i>	Coffee Plant	3m	12	45L	YES
SHRUBS					
<i>Alocasia brisbanensis</i>	Cunjevoi	2m	12	5L	YES*
<i>Blechnum cartilagineum</i>	Water Fern	0.8m	20	5L	YES*
<i>Cordyline stricta</i>	Slender Lily	2m	9	5L	YES
<i>Dianella caerulea</i>	Blue Flax Lilly	0.3	16	150mm pot	YES*
<i>Dichelachne crinita</i>	Plume Grass	0.3	12	150mm pot	YES*
<i>Eriostemon buxifolius</i>	Wax Flower	1m	20	150mm pot	YES*
<i>Ficinia nodosa</i>	Knodding CLub Rush	0.3	12	150mm pot	YES*
<i>Macrozamia communis</i>	Burrawang	1m	8	150mm pot	YES*
GROUNDCOVERS					
<i>Billardiera scandens</i>	Apple Berry	-	10	150mm pot	YES*
<i>Carpobrotus glaucescens</i>	Pig Face	-	16	150mm pot	YES*
<i>Dichondra repens</i>	Kidney Weed	-	200	150mm pot	YES*
<i>Goodenia ovata</i>	Goodenia	-	16	150mm pot	YES*
<i>Myoporum parvifolium</i>	Creeping Boobiala	-	10	5L	YES*
<i>Viola hederacea</i>	Native Violet	-	50	150mm pot	YES*



Mixed planting:
3 x *Dichelachne crinita*
3 x *Finicia nodosa*
3 x *Billardiera scandens*

5 x *Myoporum parvifolium*
8 x *Carpobrotus glaucescens*

Mixed planting:
6 x *Dichelachne crinita*
6 x *Finicia nodosa*
8 x *Goodenia ovata*

Mixed planting:
6 x *Dichelachne crinita*
6 x *Finicia nodosa*
8 x *Goodenia ovata*

5 x *Myoporum parvifolium*
8 x *Carpobrotus glaucescens*



1 SITE PLAN | LEVEL 1
1:200@A3

INDICATIVE PLANT SCHEDULE LEVEL 1					
SPECIES	COMMON NAME	MATURE SIZE	QTY	POT SIZE	NATIVE
SHRUBS					
<i>Dichelachne crinita</i>	Plume Grass	0.3	15	150mm pot	YES*
<i>Finicia nodosa</i>	Knodding CLub Rush	0.3	15	5L	YES*
<i>Goodenia ovata</i>	Goodenia	0.2m	19	5L	YES*
CLIMBERS/GROUND COVERS					
<i>Billardiera scandens</i>	Apple Berry	-	3	150mm pot	YES*
<i>Carpobrotus glaucescens</i>	Pig Face	-	16	150mm pot	YES*
<i>Goodenia ovata</i>	Goodenia	-	16	150mm pot	YES*
<i>Myoporum parvifolium</i>	Creeping boobiala	-	10	150mm pot	YES*



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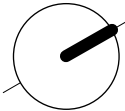
DATE	SCALE: 1:200@A3
02.03.22	
13.09.22	DRAWN: MW
06.12.22	
04.05.23	CLIENT: KRISTOFFER HARVEY
	PROJECT NUMBER: 2214

DRAWING TITLE
LANDSCAPE | LEVEL 1 + ROOF TERRACE

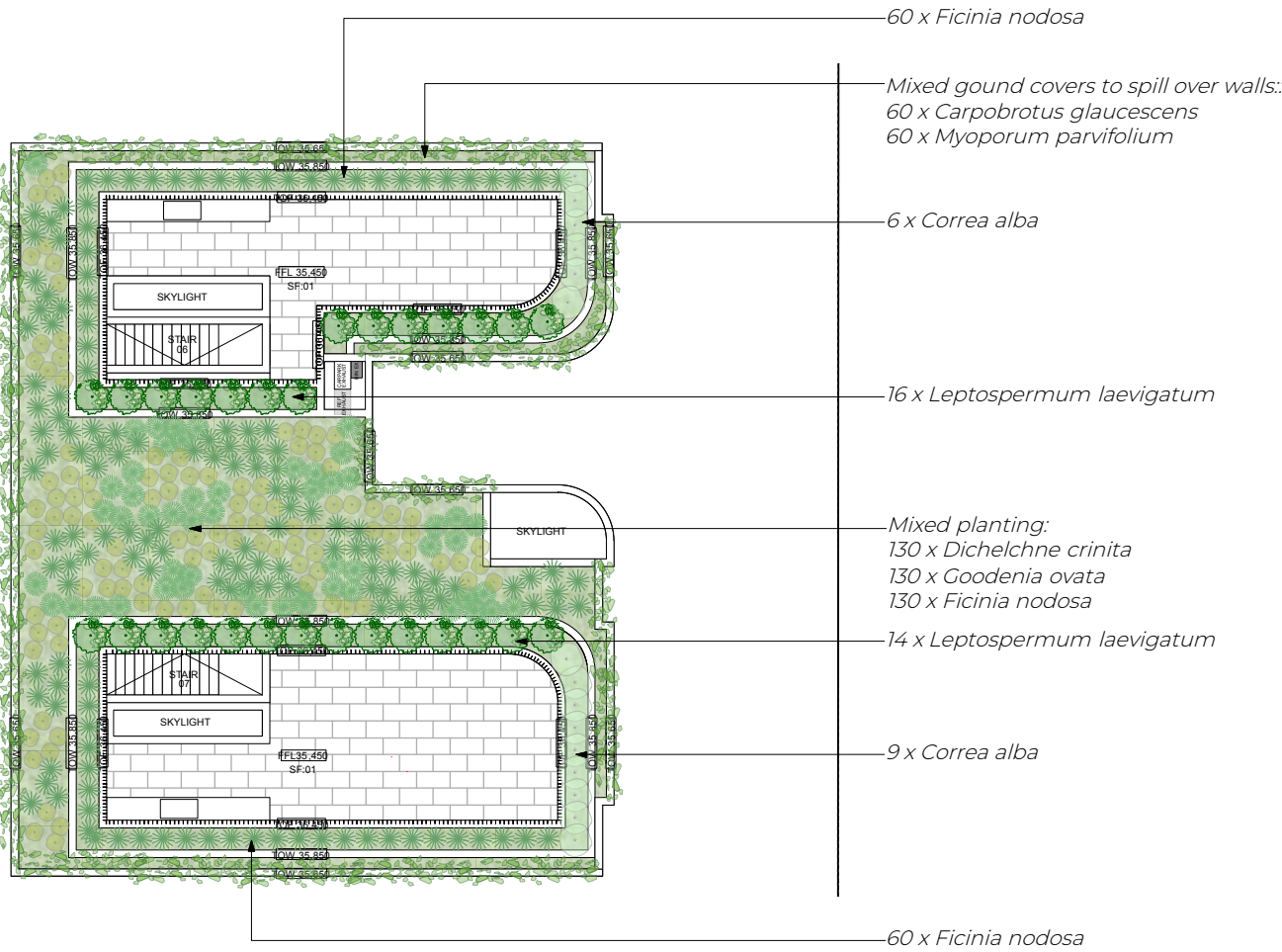
PROJECT
122-124 QUEENSCLIFF ROAD QUEENSCLIFF

DWG NO.
LS04
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NOTES
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2 SITE PLAN | ROOF TERRACE
1:200@A3

INDICATIVE PLANT SCHEDULE ROOF TERRACE					
SPECIES	COMMON NAME	MATURE SIZE	QTY	POT SIZE	NATIVE
SHRUBS					
<i>Correa alba</i>	Native Fuschia	1m	15	5L	YES*
<i>Dichelachne crinita</i>	Plume Grass	0.5	130	5L	YES*
<i>Finicia nodosa</i>	Knodding CLub Rush	0.3	250	5L	YES*
<i>Goodenia ovata</i>	Goodenia	0.2m	130	5L	YES*
<i>Leptospermum laevigatum</i>	Coastal Tea Tree	2m	30	5L	YES*
CLIMBERS/GROUND COVERS					
<i>Carpobrotus glaucescens</i>	Pig Face	-	60	150mm pot	YES*
<i>Myoporum parvifolium</i>	Creeping boobiala	-	60	150mm pot	YES*

TREES | PALMS



Livistona australis



Syncarpia glomulifera



Tristaniospis laurina

SCREEN PLANTING



Breynia oblongifolia



Banksia ericifolia



Elaeocarpus reticulatus

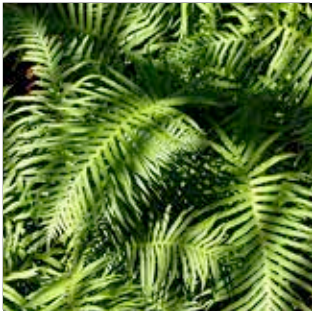


Syzygium smithii

SHRUBS | GRASSES



Alocasia Brisbaneensis



Blechnum cartilagineum



Cordyline stricta



Correa alba



Dianella caerulea



Dichelachne crinita



Eriostemon buxifolius



Ficinia nodosa



Leptospermum laevigatum

GROUNDCOVERS



Macrozamia communis



Ricinocarpus Pinifolius



Billardiera scandens



Carpobrotus glaucaescens



Dichondra repens



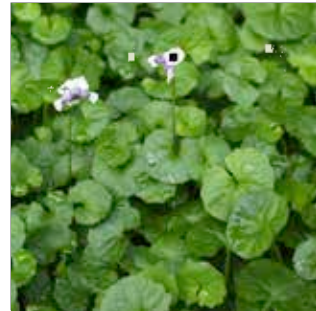
Goodenia ovata



Hardenbergia violacea



Myporum parvifloium



Viola hederacea



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DRAWING TITLE
LANDSCAPE PLANT SPECIES
PROJECT
122-124 QUEENSCLIFF ROAD QUEENSCLIFF

DWG NO.
LS05
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LANDSCAPE NOTES

ON SLAB PLANTER DRAINAGE

Location
Note that all waterproofing of slabs and location of drainage outlets is to the project engineers specification.

DRAINAGE CELL:

350mm x 350mm x 30mm drainage cell as supplied by Atlantis Water Management or approved equal. Lay according to manufacturer's instructions. Drainage cell to be fully wrapped in geotextile fabric as specified.

GEOTEXTILE FABRIC:

Geotextile as recommended appropriate by Atlantis Water Management or similar and approved. Wrapped and taped to manufacturer's instructions.
Sources/ contacts:
Atlantis Water Management
Phone: 9419 6000

SAND BLINDING LAYER:

Coarse washed river sand laid to a depth of 50mm as detailed.

MEMBRANE PROTECTION BOARD

Provide 5mm FC sheeting or similar and approved securely affixed to all vertical faces of the membrane in a manner that will not damage the integrity of the membrane. Note hold point requirements.

TOPSOIL

Source/ Type:

Imported topsoil type A: Light weight planter box mix, Benedict's SmartMix No. 4. Product code RN133. As supplied by Benedict Sand and gravel or approved equivalent.
Imported topsoil type B: Light weight subsoil mix, Benedict's SmartMix No. 5. Product code BO133. As supplied by Benedict Sand and Gravel or approved equivalent.

PLANTING BEDS ON SLAB

Clean out any loose cement and other material likely to be harmful to plant growth. Install Drainage cell as specified and to manufacturers instructions. Seal edge of geotextile fabric to planter box wall. Provide membrane protection board to sides of planter and secure with liquid nails or similar method that will not damage the waterproof membrane. Note hold point requirement. Provide sand blinding layer as specified in clause 3.3. Install topsoil in 150mm layers and consolidate as specified below.

TOPSOIL CONSOLIDATION

Compact lightly and uniformly in 150mm layers. Compact topsoil mix with a single pass of a 50 kg hand drawn tennis court roller or similar means to a compacted depth of 150mm. Lightly water with a fine mist spray each layer, prior to installing the following layer. Avoid differential subsidence and excess compaction and produce a finished topsoil surface which has the following characteristics:

Finished to 30mm above design levels to allow for consolidation.
Smooth and free from stones or lumps of soil.
Graded to drain freely, without ponding, to catchment points.
Graded evenly into adjoining ground surfaces.
Ready for planting.

SETTLEMENT PERIOD

Allow the topsoil in planter boxes to settle for one week prior to planting. Top up any settlement as required to meet design levels.

Topsoil depth

Typically spread topsoil to the depths as indicated on drawings

Surplus topsoil

General: Spread surplus topsoil on designated areas on site, if any; otherwise, dispose off site.

PLANTING BEDS ON GRADE

SUBSOIL

Excavate to bring the subsoil to a minimum of 300mm below finished design levels, to allow for infilling with topsoil mix. Break up the soil to a further depth of 100mm.
Remove all building rubble, waste oil, cement and other material harmful to plant growth from planting beds prior to placement of topsoil.
Cultivate to a minimum depth of 100 mm over areas to be planted or grassed. Do not disturb services or tree roots; if necessary, cultivate these areas by hand. During cultivation, thoroughly mix in materials required to be incorporated into the subsoil. Remove stones exceeding 25 mm, clods of earth exceeding 50 mm, and weeds, rubbish or other deleterious material brought to the surface during cultivation. Trim the surface to the required design levels after cultivation.
Confirm that the planting beds are free draining, if not install sub-soil drainage lines and connect to stormwater system
Apply additives after ripping or cultivation and incorporate into the upper 100 mm layer of the subsoil.

TOPSOIL

Where possible use site topsoil and compost mixed at a rate of 4 soil:1 compost, thoroughly mixed before placement. If imported soil is required soil shall be same or similar to Benedicts Sand and Gravel *Organic Garden mix M13* for garden bed areas or *Turf Underlay* mix for turf areas
Spread the topsoil on the prepared subsoil and grade evenly, making the necessary allowances so that required finished levels and contours are achieved after light compaction
Compact lightly and uniformly in 150 mm layers. Avoid differential subsidence and excess compaction and produce a finished topsoil surface which is ready for planting.
Spread topsoil to the following typical depths:
Planting beds: 300 mm
Grass areas: 100 mm.

COMPOST

Well rotted vegetative material or animal manure, or other approved material, free from harmful chemicals, grass and weed growth, and with a neutral pH value.

PLANTING

Trees: Excavate a plant hole to twice the diameter of the root ball and at least 100mm deeper than the root ball. Break up the base of the hole to a further depth of 100mm, and loosen the compacted sides of the hole.
Shrubs/groundcovers: Excavate a hole big enough for the plant plus 100 mm all round.
Provide plants which have large healthy root systems, with no evidence of root curl, restriction or damage are vigorous, well established, free from disease and pests, of good form consistent with the species or variety; and are hardened off, not soft or forced, and suitable for planting in the natural climatic conditions prevailing at the site.
Trees: Provide trees which, unless required to be multi-stemmed, have a single leading shoot.
Label at least one plant of each species or variety in a batch using a durable, readable tag.
Do not plant in unsuitable weather conditions such as extreme heat, cold, wind or rain. In other than sandy soils, suspend excavation when the soil is wet, or during frost periods.
When the hole is of the correct size, remove the plant from the container with minimum disturbance to the root ball. Ensure that the root ball is moist and place in the final position, in the hole and plumb, with the top soil level of the plant root ball level with the finished surface of the surrounding soil, or 75 mm below paving level to allow placement of mulch.
Backfill with topsoil mixture. Lightly tamp and water to eliminate air pockets. Ensure that topsoil is not placed over the top of the rootball, so that the plant stem is the same height as in the container.
Thoroughly water plants before planting and immediately after planting.
In planting beds and individual plantings, place slow release fertiliser pellets around plants at the time of planting at the rate recommended by the manufacturer.

MULCH

All garden bed areas are to be mulched to 50mm depth with same or similar to *Forest Blend* as supplied by Benedict Sand and Gravel.
Provide mulch which is free of deleterious and extraneous matter such as stones, soil, weeds and sticks.
Place mulch clear of plant stems, and rake to an even surface flush with the surrounding finished levels.

IRRIGATION

Design, supply and install an automatic irrigation system that will deliver evenly, sufficient water to the trees, shrubs, groundcovers, turf and other planting on the site to maintain healthy growth continuously throughout the year.
The contractor shall be responsible for establishing the numbers and locations of emitters, spray heads, solenoid valves, filters etc required to provide a satisfactory performance of the system. Spray heads shall be directed away from seating, walls, paving, paths and steps.

Provide an automatic irrigation system with drippers/ microsprays to all garden beds. Ensure the pipework is installed in the least visible position possible. The detailed layout of all irrigation is to be approved prior to installation.
Drippers: Drippers shall deliver 2.3 litres per hour, at 400mm spacing or to base of individual plants as required and should be pressure compacted drippers.
Spray heads: To meet requirements of trees and lawn areas.
Valves: Richdel or similar approved 24 volt solenoid valves to be installed in Brookes or approved equal valve boxes. Top of box to be installed flush with finished soil level and covered with mulch layer.
Controller: Richdel or similar approved with numbers of stations required to isolate each area. Contractor is to allow for Controller in lockable metal cabinet in a location to the direction of the Architect. Power outlet for the operation of this unit to be supplied by others.
Pipework: Class HDPE pipe with pressure rating PN12.5 to be used for main lines. Copper pipework under paving and through masonry is to be installed. Drip lines will be LDPE laid on the surface of the soil under the mulch layer.
Cabling: 24 volt cabling to be enclosed in conduit in all areas. All wire must be installed in an unbroken length from the controller to the solenoid valve. All wires to be multistrand multicore and manufactured to AS 1125 and have polyethylene protective coating. All wire connectors must be waterproof. Cable to be minimum 1.0m2.
Rain sensor: A "mini klik" or similar or approved device to be supplied and installed to the approval of the superintendent. This unit is to be set to turn the system off after 3mm of rain has occurred.

The irrigation contractor shall check and monitor the system performance; once per month throughout the planting establishment period.
The contractor shall provide the client with a recommended watering schedule for summer and winter that includes the dates to change the operation.

MAINTENANCE/ ESTABLISHMENT

Throughout the planting establishment period (12 weeks), carry out maintenance work including, watering, mowing, weeding, rubbish removal, fertilising, pest and disease control, reseeding, returfing, staking and tying, replanting, cultivating, pruning, hedge clipping, aerating, reinstatement of mulch, renovating, top dressing, and keeping the site neat and tidy. Continue to replace failed, damaged or stolen plants.
Ongoing maintenance of landscape works is to be undertaken by the tendered landscape contractor engaged by the building management such that the landscape is maintained throughout the life of the building in accordance with the above requirements.



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LANDSCAPE | NOTES

PROJECT

122-124 QUEENSCLIFF ROAD QUEENSCLIFF

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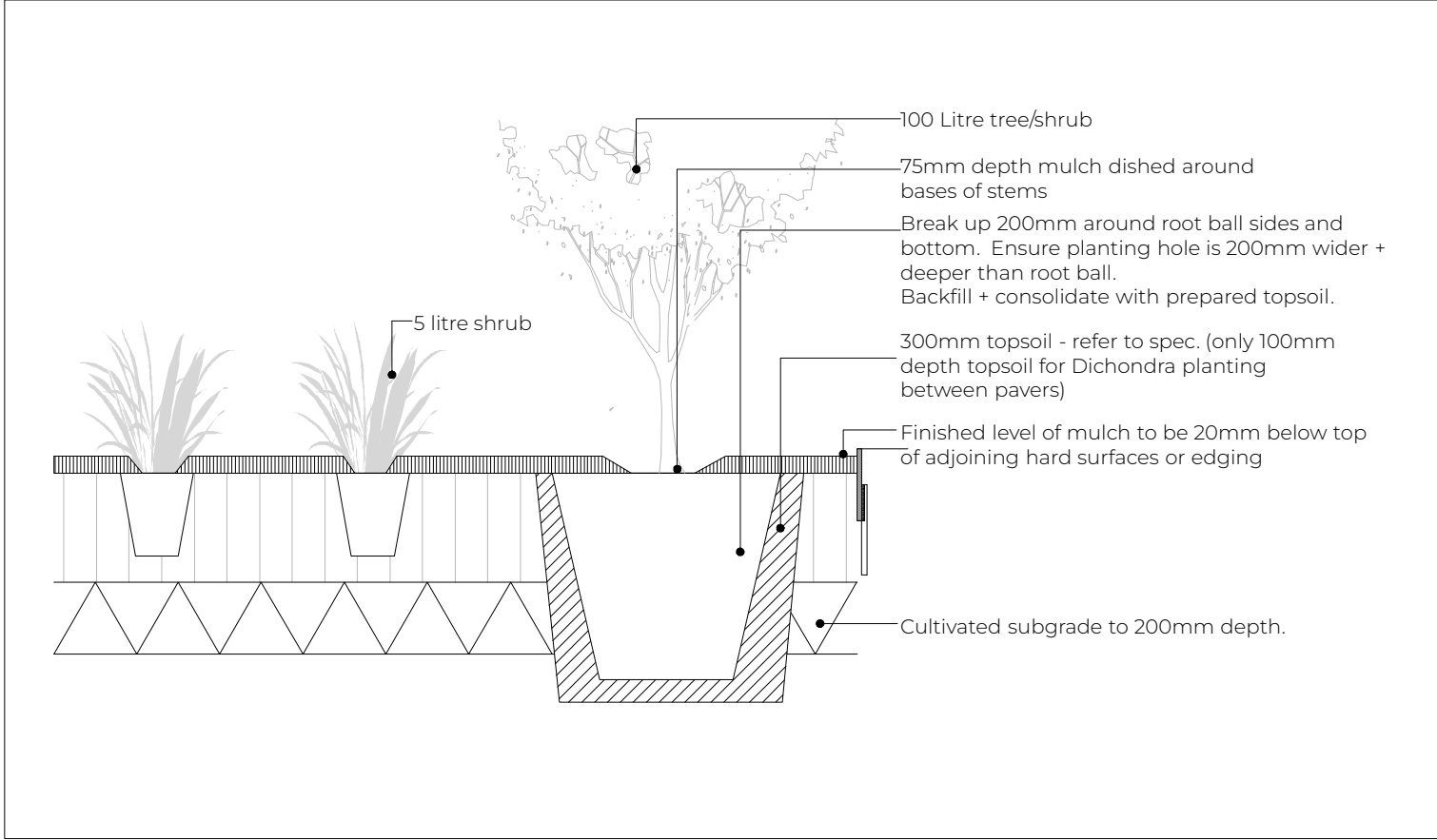
LS06

ISSUE

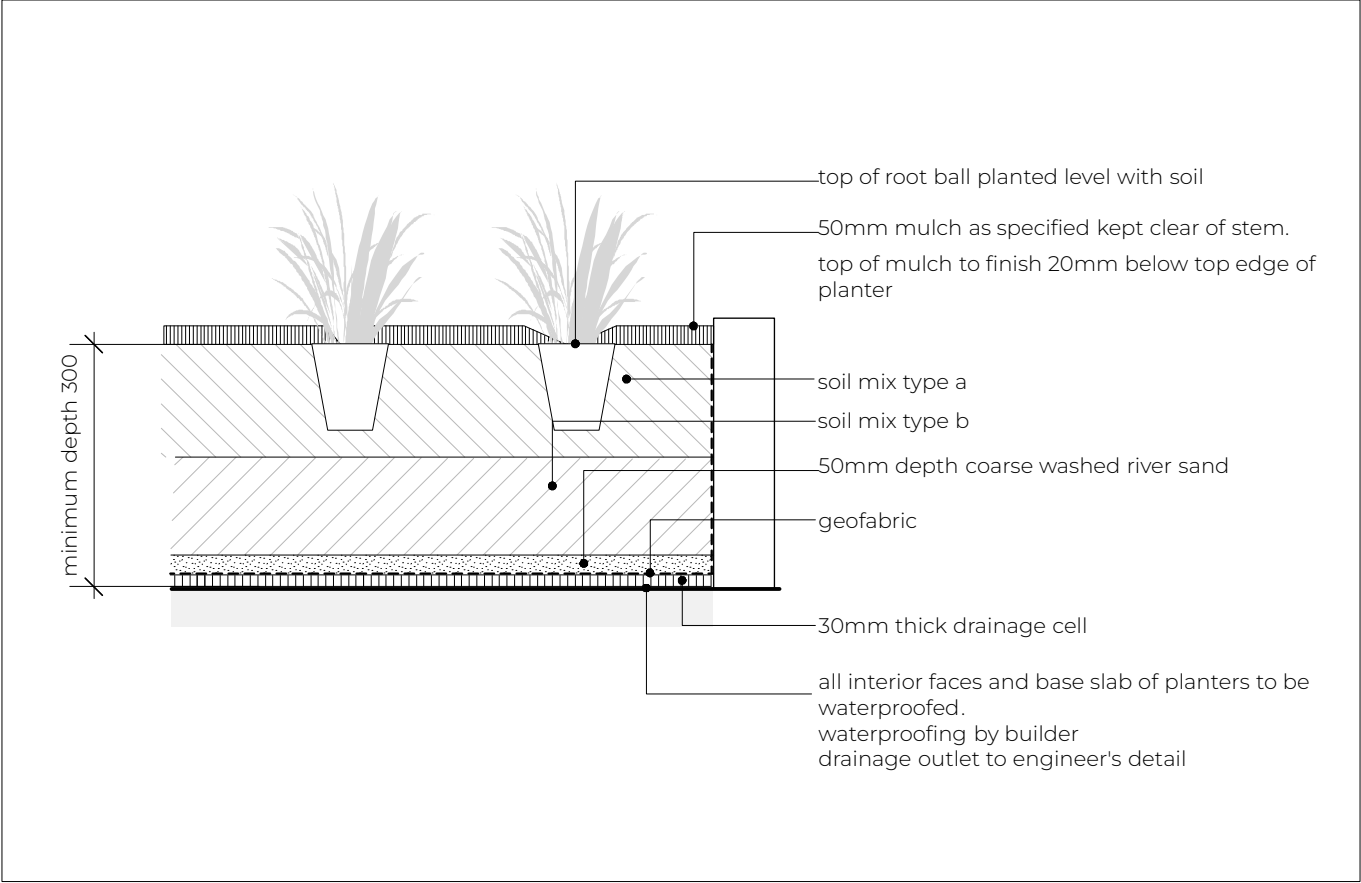
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1 MASS PLANTING ON GRADE
1:20@A3



2 MASS PLANTING ON SLAB
1:20@A3

NOTE: PLANTER BOX DEPTH TO COMPLY WITH ADG GUIDELINES FOR THE FOLLOWING:

Medium trees
minimum soil volume 35 cubic metres
minimum soil depth 1 metre
approximate soil area 6 metre x 6 metre or equivalent

Small trees (4metre canopy diamtre at maturity)
minimum soil volume 9 cubic metres
minimum soil depth 800mm
approximate soil area 3.5 metre x 3.5 metre or equivalent

Shrubs
minimum soil detphs 500-600mm

Ground cover
minimum soil detphs 300-450mm

Turf
minimum soil depths 100-300mm
subsoil drainage requiemnts in addition to the above