

BILAMBEE AVENUE



**PUBLIC DOMAIN ELEMENTS**  
 Northern Beaches Council's Public Domain Guidelines define the subject site as a 'Neighbourhood Centre'. The guidelines have some flexibility with regard to paving selection subject to Council's approval.

- 01 Paving**  
 Body:  
 Urbanstone concrete paver 400 x 400mm  
 Colour: Golden Gunmetal  
 Header course and banding:  
 Urbanstone concrete paver 200 x 400mm  
 Colour: Sandstone
- 02 Garden beds with sandstone edging**  
 200mm wide sandstone perimeter flush with adjoining paving and kerbs.  
 Mt White Sandstone 'Brown' range with hydrasplit faces.
- 03 Seating**  
 Customised timber seating suspended over verge garden beds
- 04 Bike rack**  
 Street Furniture Australia  
 BST03  
 SS316 Surface fixed

- Custom seat
- Walkway to comply with accessibility requirements
- Existing pedestrian crossing
- Clear line of travel between kerb ramps
- Informal hedge planting.  
 Approx. height 1.2m  
 8 x *Elaeagnus x ebbengei*

Street verge garden beds planted with street trees appropriate for under powerlines:  
 5 x *Buckinghamia celsissima*  
 160 x *Lomandra 'Shara'*  
 25 x *Hardenbergia violacea*

Propose to remove existing street (*Callistemon salignus*) tree due to inappropriateness under powerlines and poor form due to powerline pruning

INDICATIVE PLANT SCHEDULE				
SPECIES	COMMON NAME	MATURE HEIGHT	QTY	POT SIZE
<b>STREET TREES</b>				
<i>Buckinghamia celsissima</i>	Ivory Curl Tree	5-6m	5	75L
<b>SHRUBS, GRASSES, GROUNDCOVERS</b>				
<i>Elaeagnus x ebbengei</i>	Silver Berry	1.2m	8	25L
<i>Hardenbergia violacea</i>	False Sarsaparilla	g'cover	25	150mm pot
<i>Lomandra 'Shara'</i>	Mat Rush	0.8m	160	150mm pot

NOT ISSUED FOR CONSTRUCTION

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CLIENT  
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ISSUE AMENDMENT  
 A DA ISSUE

DATE  
 24.09.20

PROJECT  
**1 BILAMBEE AVENUE, BILGOLA PLATEAU**

DRAWING TITLE  
**LANDSCAPE-  
 GROUND LEVEL, PUBLIC DOMAIN PLAN**

SCALE 1:200@A3  
 DRAWN GM  
 PROJECT NO. 2039  
 DWG NO. LS01  
 SHEET 1 OF 3

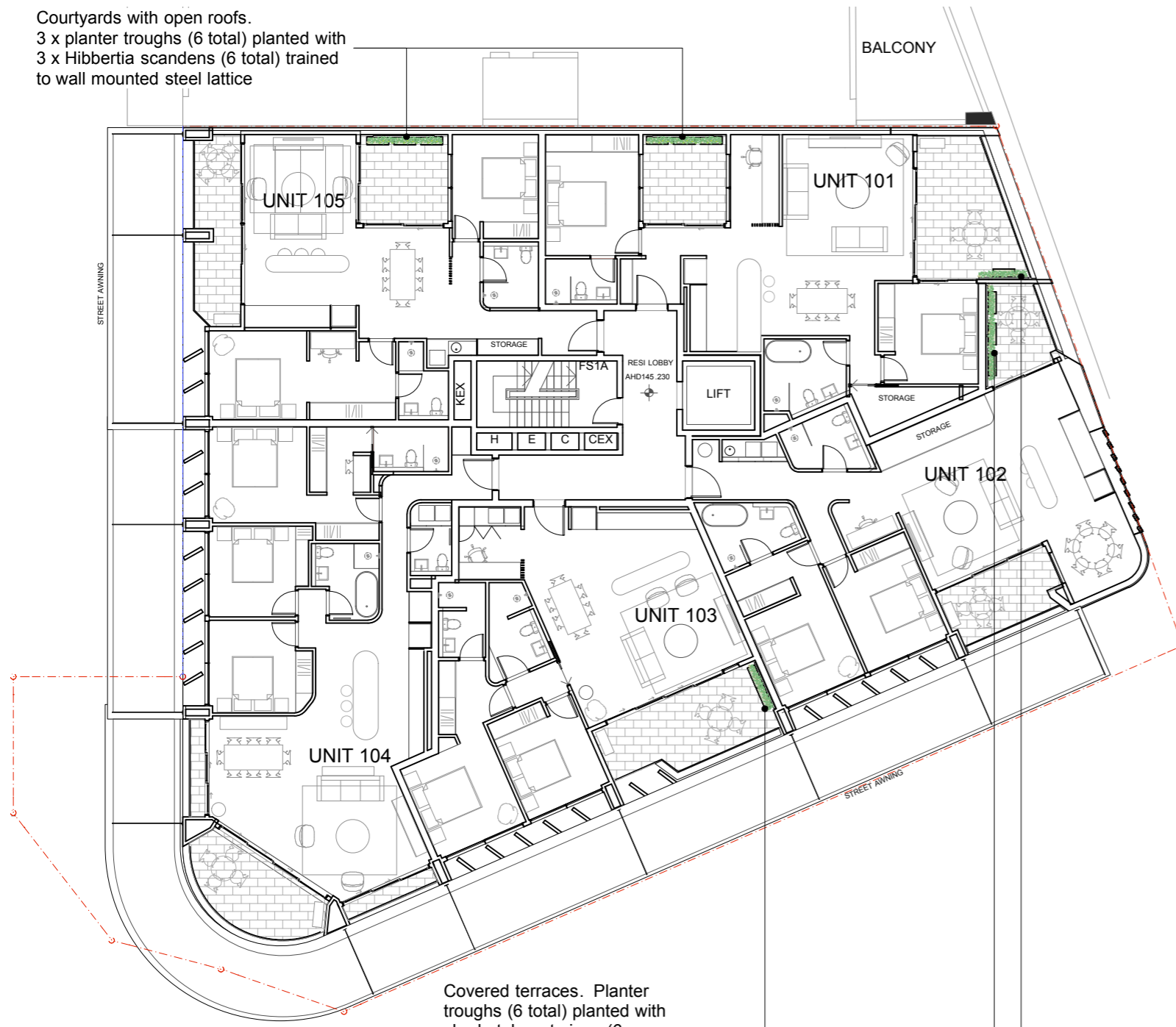
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ISSUE  
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NOTES:  
 REFER TO DETAIL SURVEY FOR SITE IDENTIFICATION, BOUNDARY INFORMATION & LEVELS  
 ALL LEVELS AND DIMENSIONS TO BE CONFIRMED ON SITE, IF ANY DISCREPANCIES OCCUR PLEASE NOTIFY THE LANDSCAPE ARCHITECT

Courtyards with open roofs.  
3 x planter troughs (6 total) planted with  
3 x *Hibbertia scandens* (6 total) trained  
to wall mounted steel lattice

BALCONY



Covered terraces. Planter troughs (6 total) planted with shade tolerant vines (6 x *Thunbergia grandiflora*) trained to wall mounted steel lattice

**Note:**  
Planter troughs to be same or similar to:  
LWC Trough by Garden Life  
Size: 800 x 300 x 750h  
Colour: Charcoal  
Planters to be prepared in accordance with Detail1/LS03

**INDICATIVE PLANT SCHEDULE**

SPECIES	COMMON NAME	MATURE HEIGHT	QTY	POT SIZE
<i>Hibbertia scandens</i>	Guinea Flower	climber	6	5L
<i>Thunbergia grandiflora</i>	Blue Trumpet Flower	climber	6	5L

**LANDSCAPE CONSTRUCTION NOTES**

**GENERAL**

- Landscape documentation is to be read in conjunction with consultant team documentation for the project particularly architectural and engineering drawings

-All public domain landscape areas to be constructed in agreement with Northern Beaches Council and their Public Domain design details and specifications including specifications for plants and trees.

**ON SLAB CONSTRUCTION- PLANTER BOXES**

Ensure all slabs are water proofed by others and that drainage outlets are supplied to engineer's requirements, advise the builder if not acceptable. Supply and lay 30mm Atlantis drainage cell same or equal to as supplied by Atlantis Corporation over slab and connect to stormwater. Overlay the drainage cell with Geofabric PGM 14 as made by Polyfelt, run polyfelt up the sides of planters to within 40mm of the finished surface level. For garden beds on slab: Supply and install to a depth of 50mm washed river sand on top of geofabric. Refer to typical detail for soil layering. Topsoil Types A and B shall be a light weight planter box mix and subsoil mix respectively and same or similar to Benedicts SmartMix No.4 and No. 5 respectively. Both are supplied by Benedicts Sand and Gravel. ph: 9986 3500.

**DRAINAGE**

- Drainage of all landscape areas is to be in accordance is to comply with requirements of Civil/ Stormwater Engineer's documentation  
- All proposed finished levels to be approved by project civil/ stormwater engineer  
- Drainage outlets to be provided to all 'on slab' planters to satisfaction of project civil/ stormwater engineer  
- All paved areas to fall to drainage outlets  
- Confirm that deep soil garden beds are free draining, if not then install sub-soil drainage lines as required and connect to stormwater system

**PLANTING-PLANTER BOXES**

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.  
Label at least one plant of each species or variety in a batch using a durable, readable tag.  
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.

**MULCH**

All garden bed areas are to be mulched to 75mm depth with same or similar to *Decomposed Leaf Litter* 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.

Connection to rainwater tank: Connection to rainwater retention tanks to be by way of an approved pump system meeting pressure requirements of proposed irrigation system. An approved filter system will be required to prevent algae and/or silt clogging effective operation of the irrigation system.

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 click" 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.

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	<p>SCALE 1:200@A3</p>	<p>DRAWN GM</p>	<p>PROJECT NO. 2039</p>	<p>DWG NO. <b>LS02</b></p>	<p>SHEET <b>2 OF 3</b></p>	<p>SCALE BAR 0 1 2 3 4 5 10 20</p>		





Sections of planters with spillover plants  
40 x *Carpobrotus glaucescens*

30 x *Pittosporum 'Miss Muffet'*

Mixed planting of:  
50 x *Westringia 'Mundi'*  
100 x *Lomandra 'Shara'*

Broaden planter at corner  
to allow for accent plants  
3 x *Yucca filamentosa*  
8 x *Crassula arborescens*  
10 x *Senecio serpens*

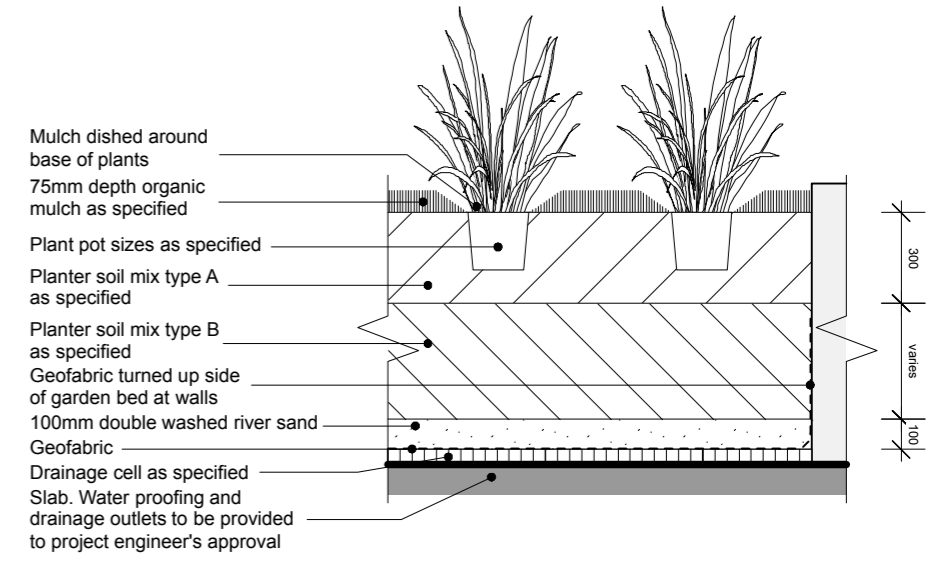
Broaden planter at corner  
to allow for accent plants  
3 x *Yucca filamentosa*  
6 x *Crassula arborescens*  
8 x *Senecio serpens*

INDICATIVE PLANT SCHEDULE				
SPECIES	COMMON NAME	MATURE HEIGHT	QTY	POT SIZE
<i>Carpobrotus glaucescens</i>	Pigface	spillover	40	150mm pot
<i>Crassula arborescens</i>	Crassula	0.8m	14	25L
<i>Lomandra 'Shara'</i>	Mat Rush	0.8m	100	150mm pot
<i>Pittosporum 'Miss Muffet'</i>	Miss Muffet	0.8m	30	150mm pot
<i>Senecio serpens</i>	Chalk Sticks	g'cover	18	150mm pot
<i>Westringia 'Mundi'</i>	Coastal Rosemary	0.5m	50	150mm pot
<i>Yucca filamentosa</i>	Adam's Needle	1m	6	25L

**Note:**  
General planter width 750mm  
broadened at corners  
Depth of planter to be min. 500mm



INDICATIVE CHARACTER IMAGES



1 TYPICAL PLANTER BOX DETAIL  
1:25@A1

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PROJECT  
**1 BILAMBEE AVENUE, BILGOLA PLATEAU**

DRAWING TITLE  
**LANDSCAPE-  
LEVEL 2 PLANTERS**

SCALE 1:200@A3	DRAWN GM	PROJECT NO. 2039	DWG NO. LS03	SHEET 3 OF 3
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ISSUE  
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NOTES:  
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NOTIFY THE LANDSCAPE ARCHITECT