

Climbers to Carpark Screens  
Refer drawing GD.08

Bowling Greens Frontage  
Refer drawing GD.05

Northern Buffer Boundary Plantings  
Refer drawing GD.04

Hotel Frontage Area  
Refer drawing GD.03

Memorial Garden Area  
Refer drawing GD.02

Bartley Street Frontage  
Refer drawing GD.06

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A	FOR APPROVAL	CL	09.08.17
ISSUE	AMENDMENT	DRAWN	DATE

DESIGNED:	PREPARED FOR:
GD	CABRA VALE DIGGERS
DRAWN:	
CL	

PREPARED BY:

**GREENLAND DESIGN**  
Landscape Architects

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PROJECT:	PROJECT ADDRESS:
PROPOSED CABRA VALE DIGGERS CLUB	NO. 1 BARLEY STREET CANLEY VALE

DRAWING TITLE:
Landscape Key Plan

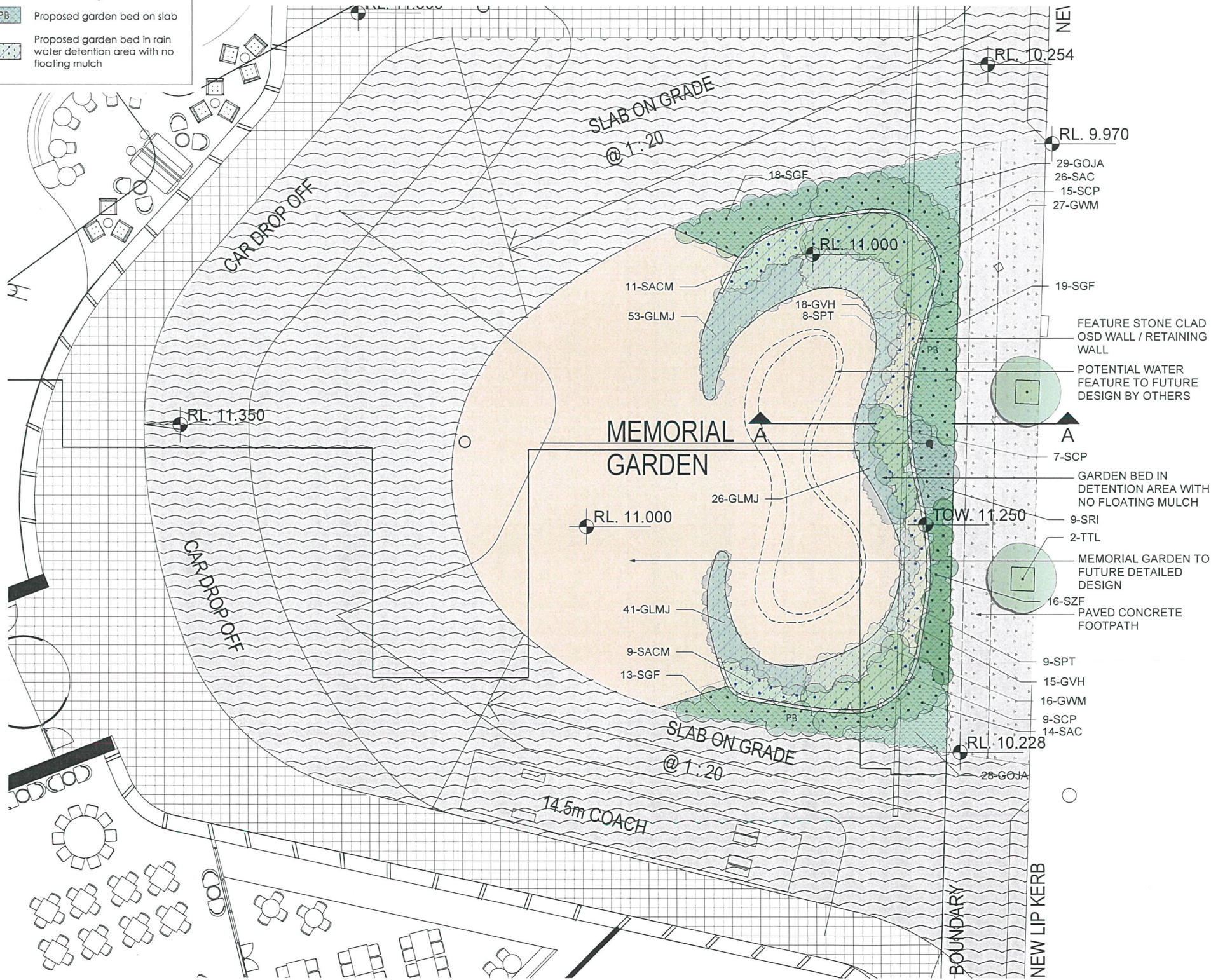
DATE:	AUGUST 2017
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FULL SIZE:	A1
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DRAWING NO:	1680.GD.01





**LEGEND**

- Proposed shrub plantings
- Proposed groundcover plantings
- Proposed vehicular unit pavement
- Non slip external unit pavement
- Memorial area to future detailed design
- PB Proposed garden bed on slab
- Proposed garden bed in rain water detention area with no floating mulch



**Plant Example Images - Detention Area**



Acanus Mollis



Phormium tenax 'Flamin'



Crinum pedunculatum



Liriope muscari 'Just Right'

**Plant Example Images - In Front of Wall**



Crystal Falls Mondo Grass



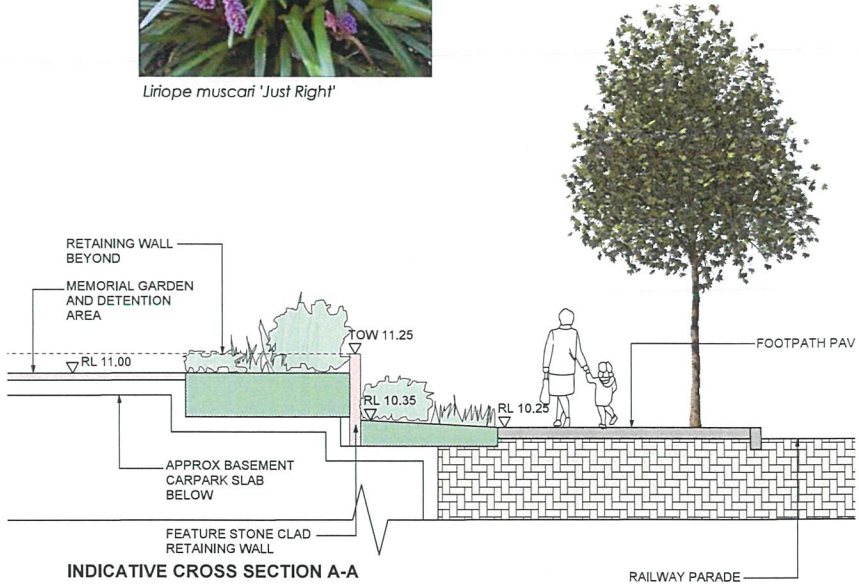
Gardenia augusta 'Florida'



Rhipsolepis indica 'Oriental Pearl'



Acacia cognata 'Green Mist'



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PROJECT:

**PROPOSED CABRA VALE DIGGERS CLUB**

PROJECT ADDRESS:

NO. 1 BARLEY STREET CANLEY VALE

DRAWING TITLE:

**Landscape Concept - Memorial Garden**



DATE:	<b>AUGUST 2017</b>
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DRAWING NO:	<b>1680.GD.02</b>



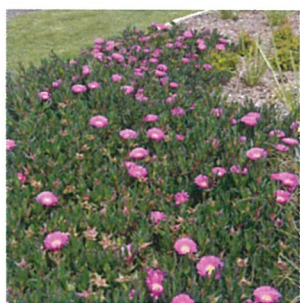
LEGEND

- Proposed shrub plantings
- Proposed groundcover plantings
- Proposed vehicular unit pavement
- Non slip external unit pavement
- Proposed garden bed on slab

Plant Example Images



Yucca elephantipes



Carpobrotus glaucescens



Bamboo gracilis Slender Weaver



Dianella tasmanica 'Blaze'



Liriope muscari



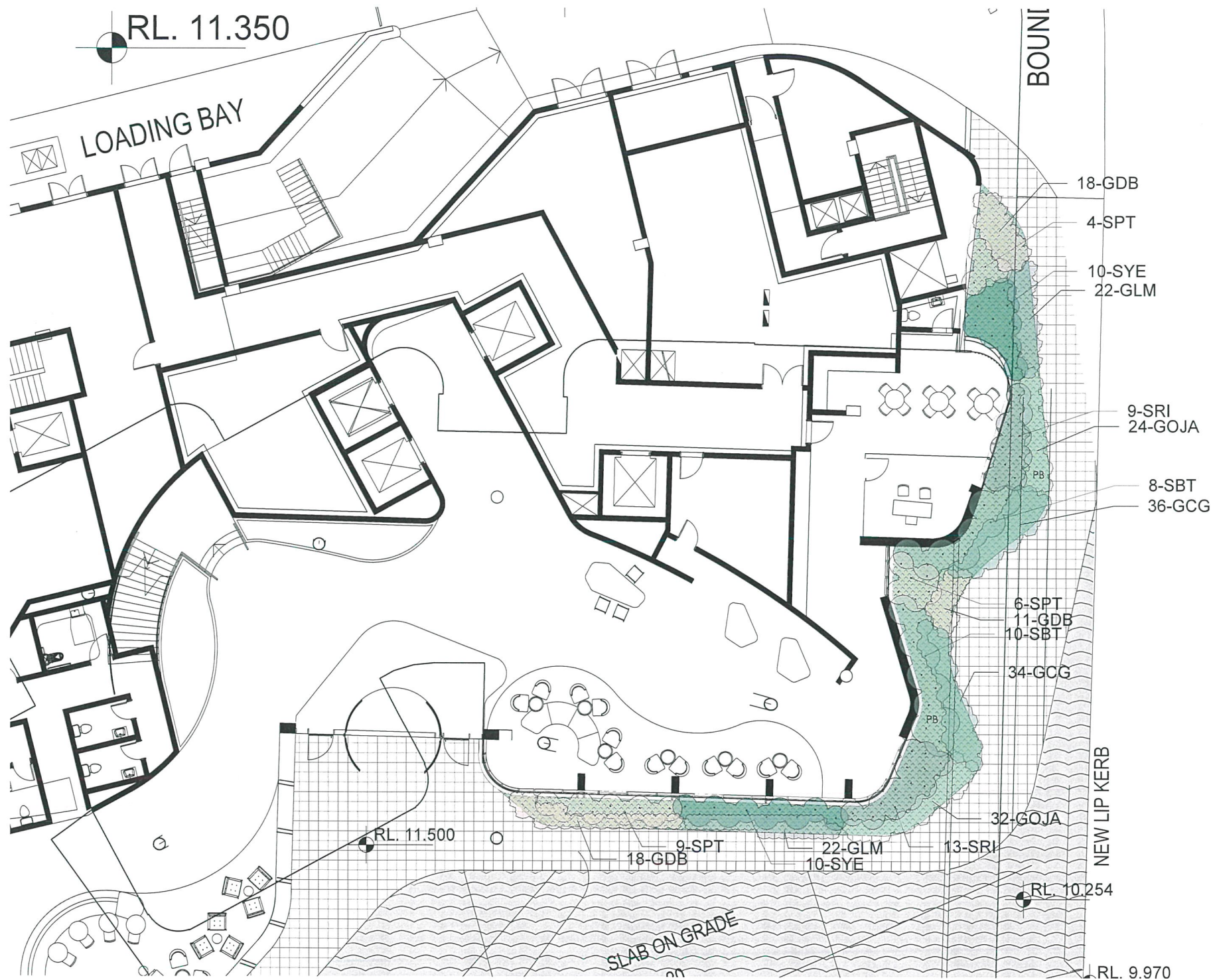
Phormium tenax 'Flamin'



Crystal Falls Mondo Grass



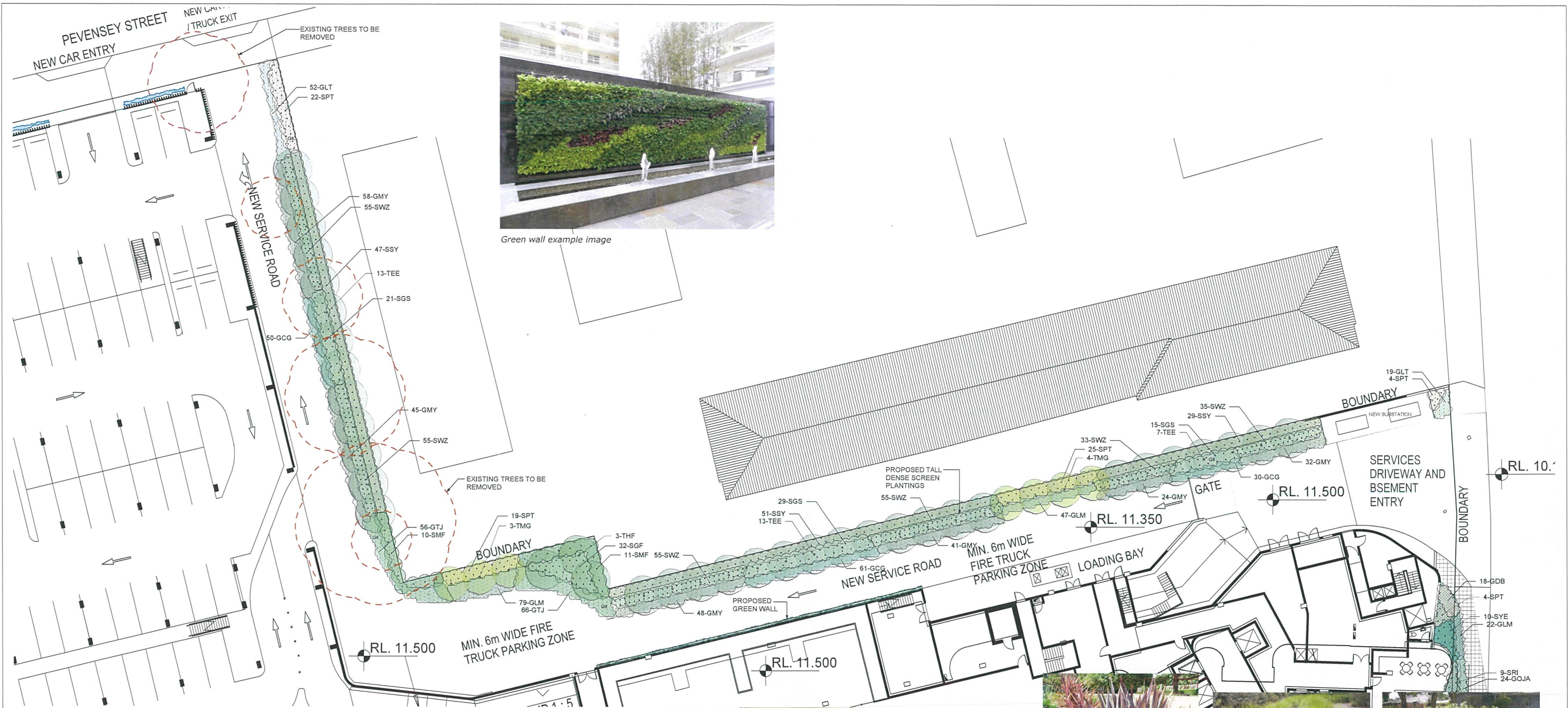
Rhipsolepis 'Oriental Pearl'



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				<div>ISSUE</div> <div>AMENDMENT</div>		<div>DRAWN</div> <div>DATE</div>		<div>DRAWN:</div> <div>CL</div>				<div>PROJECT ADDRESS:</div> <div>NO. 1 BARLEY STREET CANLEY VALE</div>		<div>SCALE: 1:100</div> <div>FULL SIZE: A1</div>		<div>ISSUE:</div> <div>A</div>			
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Green wall example image

**LEGEND**

- Existing trees to be removed
- Proposed street tree plantings
- Proposed shrub plantings
- Proposed groundcover plantings
- GB Proposed garden bed



*Hymenosporum flavum*



*Eleocharis eumundi*



*Magnolia 'Little Gem'*



*Syzygium 'Cascade'*



*Grevillea 'Superb'*



*Phormium tenax 'Flamin'*



*Lomandra 'Tanika'*



*Trachelospermum jasminoides*



*Myoporum parvifolium*

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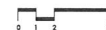
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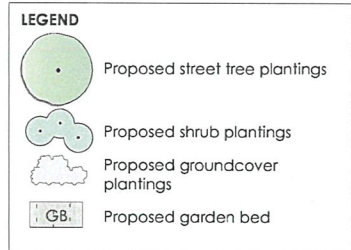
PROJECT:	PROPOSED CABRA VALE DIGGERS CLUB
PROJECT ADDRESS:	NO. 1 BARLEY STREET CANLEY VALE

DRAWING TITLE:	Landscape Plan - Northern Boundary Buffer
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FULL SIZE:	A1		
DRAWING NO:			
<b>1680.GD.05</b>			







**LEGEND**

- Proposed shrub plantings
- Proposed groundcover plantings
- Non slip pool pavement
- Proposed garden bed on slab

Plant Example Images



Yucca elephantipes



Strelitzia reginae var juncea



Bamboo gracilis Slender Weaver



Clivea miniata



Liriope muscari 'Just Right'



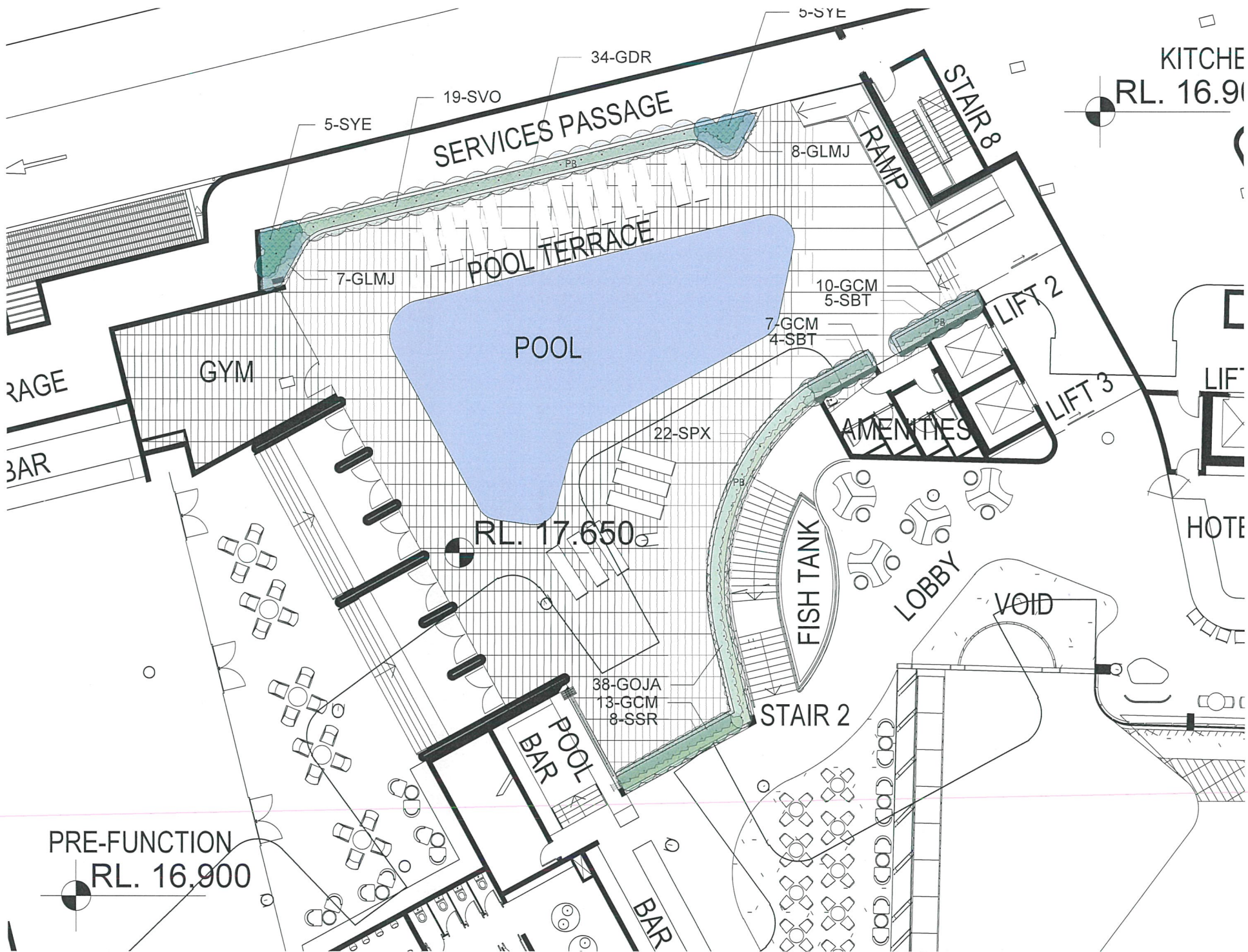
Viburnum 'Dense Form'



Crystal Falls Mondo Grass



Philodendron xanadu



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PROJECT:

**PROPOSED CABRA VALE DIGGERS CLUB**

PROJECT ADDRESS:

NO. 1 BARLEY STREET CANLEY VALE

DRAWING TITLE:

**Landscape Concept - Level 1 Pool Deck**



DATE:	AUGUST 2017	
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FULL SIZE:	A1	A
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# Plant Example Images



Star Jasmine climbers



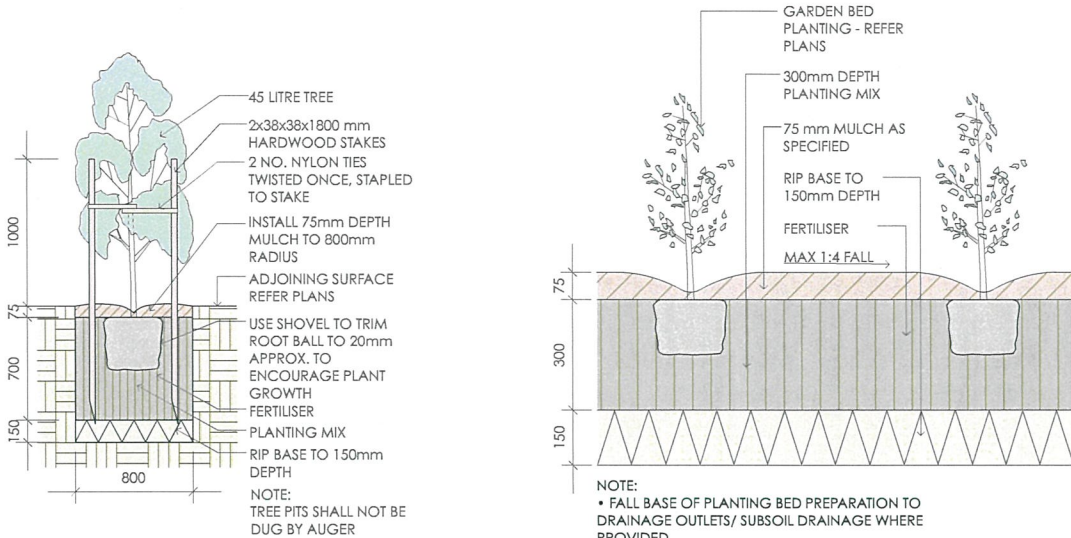
Orange trumpet vine



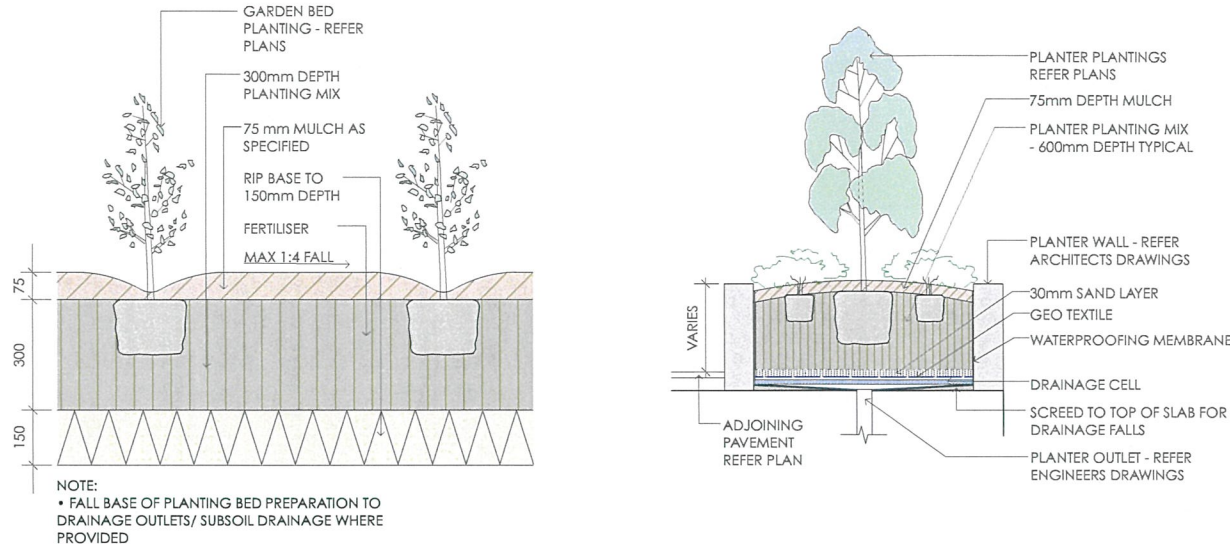
Bougainvillea sp climbers

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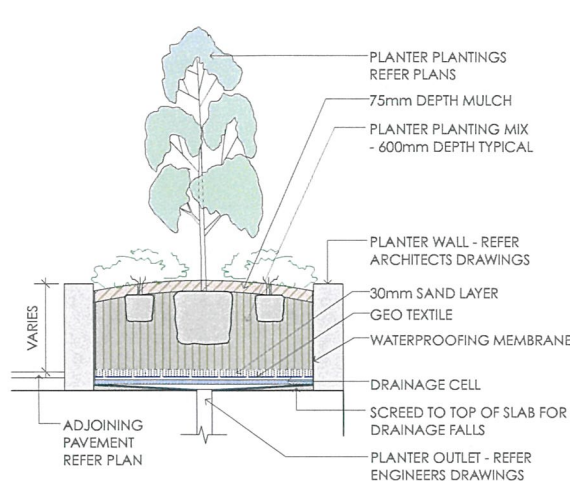




1 45 Litre Tree Planting  
scale 1:25



2 Planting Bed Detail  
scale 1:10



3 Planter Bed On Slab  
scale 1:25

#### SPECIFICATION NOTES

##### PLANTING MATERIALS

###### Planting Mix:

Planting mix for tree pit backfill shall be "Organic Garden Mix" consisting of  
50% Black Soil  
20% Coarse Sand  
30% Organic Material

as available from Australian Native Landscapes, Phone: [02] 9450 1444, or approved equivalent. Samples shall be provided to the Superintendent prior to ordering or delivery to site. Any material delivered to site, that is rejected by the Superintendent, shall be removed by the contractor at his own expense. Minimum depths of mix to all planting bed areas is as specified on details.

###### Planter Mix:

Planter mix shall be Peat and Planter Mix as supplied by Australian Native Landscape Pty Ltd (ph [02] 9450 1444 or approved equivalent).

###### Planter Drainage Cell:

Planter drainage cell shall be VersiCell as supplied by Elmich Australia Pty Ltd (ph [02] 9648 2073 or approved equivalent).

###### Mulch:

Mulch to garden bed:

Mulch shall mean hardwood mulch (25mm grade), free from material derived from Privet, Willow, Poplar, Coral trees, or other noxious weeds. Any mulch exceeding the 25mm grade shall be rejected / removed from the site. Graded hardwood mulch to be supplied by Australian Native Landscapes Pty Ltd Phone [02] 9450 1444, or approved equivalent.

Mulch to planter beds:

Mulch to planter beds shall be Pine bark mini nuggets mulch (25mm grade), free from fines and as available from Australian Native Landscapes Pty Ltd Phone [02] 9450 1444, or approved equivalent.

Spread mulch so that after settling, it is:

- smooth and evenly graded between design surface levels;
- flush with adjacent finished levels;
- of the required depths (75mm); and
- sloped towards the base of plant stems in plantation beds, but not in contact with the stem (not closer than 50mm in the case of gravel mulches).

Place after the preparation of the planting bed, planting and all other work.

###### Plant Material:

All plant material must be true to the species. No substitutes will be allowed. All plants shall be free of fungus and insect damage. All plants shall be healthy, well shaped, not soft or force grown and not root bound. Plants are available from **Andreasens Green** wholesale nursery, contact Darren [02] 8777 4713, email [darren@andreasengreen.com.au](mailto:darren@andreasengreen.com.au) or approved equivalent.

###### Turfed areas:

All new turfing areas are to be selected weed free Soft Leaf Buffalo. Turf shall be laid neatly butted with staggered joints, flush with adjacent surfaces and have even running falls to all drainage points. All new turfing area shall have a minimum 150mm depth of weed free top soil, placed and levelled prior to turfing.

#### PREPARATION AND HARDWORKS

##### Excavating for Spot Planting

To planting areas, excavate a hole for each plant large enough to provide not less than twice the depth and twice the diameter than the root ball of species to be planted.

##### Staking

Use durable hardwood, straight, free from knots or twists, pointed at one end. Drive stakes into the ground a minimum one third of their length, avoiding damage to the root system.

- 45 Litre trees in 2 x 38x38x1800mm Hardwood Stake with double Nylon tie
- TIES: Provide a 50mm wide Nylon webbing tie per stake, fixed securely to the stakes, one tie at half the height of the main stem and the other as necessary to stabilise the plant.

##### Decorative Pebble

MATERIAL: Decorative pebble shall be Western White pebble, gravel to be of uniform size or graded material in the size 30 - 40mm grade to nominal 75mm thickness as available from Australian Native Landscapes. Ph: [02] 9450 1444.

##### Concrete Edge

MATERIALS: Concrete to be off white colour.

INSTALLATION: Supply and install 150 x 100mm (width) reinforced flush concrete kerb to locations as approved on site by the Superintendent. Provide flexible joints at maximum 3 metre intervals in colour to match concrete. Lightly expose aggregate through rinsing / sponging. Tool finish exposed edges with 10mm pencil round to prevent chipping.

#### MAINTENANCE / PLANT ESTABLISHMENT

Maintenance shall apply to all hard and soft landscape materials installed prior to the "handover" and acceptance by Principles Representative and the Site Superintendent. The maintenance period shall convenience at the granting of practical completion and shall extend for 26 weeks.

Maintenance shall consist of the following works:

- Follow a daily watering programme to be approved by Superintendent. Water all plants individually, twice per week or when necessary to ensure constant plant growth. Water all planted areas, twice per week.
- Apply appropriate weed control sprays and hand weed as required to maintain planting areas, turfing areas, paved areas, and tree pits in turf free of weed or rogue grass growth.
- Regularly tidy and top up mulch and trim edges to prevent spill over onto paved / grassed areas.
- Spray to control pests and diseases.
- Replace plants, which fail with plants of a similar size and quality as originally specified to approval of Superintendent. Costs of replacement shall be the responsibility of the Contractor. Replacement planting will be undertaken within 2 weeks of identification of dead material or instruction be the Superintendent.
- Report any incidence of plants stolen or destroyed by vandalism.
- Adjust stakes and ties to plants as necessary. Ensure that strangulation of plants does not occur.
- Prune and shape plants as directed or where necessary.
- Make good any defects or faults arising out of defective workmanship or materials.
- Fertilise lawn areas to maintain healthy growth.
- Make good any erosion or soil subsidence, which may occur including soft areas in pathways.
- A final inspection shall be made by the Superintendent before handover. Any items requiring rectification shall be repaired before the works are finally approved, and retention moneys released.

##### NOTE:

- All finished levels are to be verified by Contractor on site.
- All landscape works be in strict accordance with Council's landscape code and guidelines
- This plan to be used in conjunction with all other submitted architectural, hydraulics and engineering drawing where applicable.

Plant Schedule							
ID	Qty	Common Name	Botanical Name	Size	Mature Height	Mature Spread	Native (N)
<b>Trees</b>							
TEE	33	Eumundi Quandong	Elaeocarpus eumundi	45Litre	6 - 8m	3.5 - 6m	N
THF	3	Native Frangipani	Hymenosporum flavum	45Litre	8 - 12m	3.0 - 4m	N
TMG	9	Little Gem Southern Magnolia	Magnolia grandiflora 'Little Gem'	45Litre	4 - 6m	2.0 - 3.5m	
TTL	20	Water Gum	Tristanopsis laurina 'Luscious'	45Litre	6 - 8m	3.5 - 6m	N
<b>Shrubs</b>							
SAC	40	Green Mist	Acmena 'Allyn Magic'	200mm	1.0 - 1.5m	0.8 - 1.0m	N
SACM	20	Oyster Plant	Acanthus mollis	200mm	0.9 - 1.2m	0.9 - 1.2m	
SBT	98	Slender Weaver Bamboo	Bambusa textilis Gracilis	300mm	6 - 8m	0.9 - 1.2m	
SCP	31	Swamp Lily	Crinum pedunculatum	200mm	1.2 - 1.5m	0.9 - 1.5m	
SCSA	46	Sasanqua Camellia	Camellia sasanqua	200mm	3 - 5m	3.5 - 6m	
SGF	82	Florida Gardenia	Gardenia augusta 'Florida'	200mm	0.8 - 1.0m	0.9 - 1.2m	N
SGS	65	Superb Grevillea	Grevillea x 'Superb'	200mm	1.5 - 3m	1.2 - 2.0m	N
SMF	21	Banana Shrub	Michelia figo	200mm	1.5 - 3m	2.0 - 3.5m	
SMP	4	Orange Jessamine	Murraya paniculata	200mm	1.5 - 3m	3.5 - 6m	
SPM	66	Miss Muffet	Pittosporum tabira 'Miss Muffet'	200mm	0.8 - 1.0m	1.2 - 1.5m	
SPT	125	New Zealand Flax	Phormium tenax 'Flamin'	200mm	0.6-0.9m	0.8 - 1.0m	
SPX	28	Philodendron	Philodendron xanadu	200mm	0.6 - 0.8m	0.7 - 1.0m	
SRE	19	Fan Palm	Raphis excelsa	200mm	1.2-1.5m	1.0 - 1.2m	
SRI	85	Indian Hawthorn	Raphiolepis indica 'Oriental Pearl'	200mm	0.9 - 1.5m	1.2 - 2.0m	
SSR	26	Bird Of Paradise	Strelitzia reginae var jancea	200mm	0.9 - 1.5m	0.9 - 1.2m	
SSW	12	Sensation Spathiphyllum	Spathiphyllum wallisii	200mm	1.2-1.5m	1.0 - 1.2m	
SSY	127	Cascade Lilly Pilly	Syzygium 'Cascade'	200mm	2 - 3m	1.2 - 2.0m	N
SVO	19	Dense Form Viburnum	Viburnum odoratissimum 'Dense Form'	200mm	3 - 4m	2 - 3m	
SWZ	288	Zena Coast Rosemary	Westringia fruticosa 'Zena'	200mm	0.8 - 1.0m	0.9 - 1.2m	N
SYE	46	Spineless Yucca	Yucca elephantipes	200mm	2.0 - 3.0m	0.8 - 1.2m	
SZF	48	Cardboard Plant	Zamia furfuracea	200mm	0.75 - 0.9m	0.6 - 0.9m	
<b>Ground Covers</b>							
GCG	211	Pigface	Carpobrotus glaucescens	150mm	0.0 - 0.3m	1.2 - 2.0m	N
GCM	91	Bush Lily	Clivia miniata	150mm	0.45 - 0.6m	0.3 - 0.6m	
GVH	33	Native Violet	Viola hederacea	150mm	0.0 - 0.3m	1.2 - 2.0m	N
GDR	34	Dichondra 'Silver Falls'	Dichondra repens 'Silver Falls'	150mm	0.0 - 0.3m	0.9 - 1.2m	
GOJA	272	Crystal Falls Mondo Grass	Ophiopogon jaburan 'Crystal Falls'	150mm	0.3 - 0.45m	0.0 - 0.3m	
GLT	71	Spiny-headed mat rush	Lomandra longifolia 'Tanika'	150mm	0.45 - 0.6m	0.6 - 0.9m	N
GLM	205	Giant Lily Turf	Liriope muscari 'Evergreen Giant'	150mm	0.0 - 0.3m	0.0 - 0.3m	
GDB	81	Flax Lily	Dianella tasmanica 'Blaze'	150mm	0.4 - 0.5m	0.4 - 0.6m	N
GLMJ	267	Just Right Lily Turf	Liriope muscari 'Just Right'	150mm	0.3 - 0.5m	0.4 - 0.5m	
GTJ	122	Star Jasmine	Trachelospermum jasminoides	150mm	0.3 - 0.6m	1 - 4m	
GMV	248	Carpet Spreading Myoporum	Myoporum parvifolium 'Yareena'	150mm	0.45 - 0.6m	0.9 - 1.2m	N
GWM	43	Mundi	Westringia fruticosa 'Mundi'	150mm	0.45 - 0.6m	0.9 - 1.2m	N

#### IRRIGATION SYSTEM AND REQUIREMENTS

##### DESCRIPTION OF WORKS

The scope of works in this section comprises the design and specification (for comment by Superintendent), supply, and installation of fully automated commercial drip irrigation system to all landscaped areas and to Councils requirements.

The general location and extent of the areas to be irrigated is as shown on plans and includes:

- Planter bed areas to be irrigated by "Techline" dripline at 750mm intervals, capable of delivering 20mm / week.
- Garden bed areas to be irrigated by "Techline" dripline at 750mm intervals, capable of delivering 20mm / week.

The Contractor shall provide shop drawings and materials and equipment specifications for comment by the Superintendent. Notwithstanding comments on the irrigation design being provided by the Superintendent responsibility for the technical design, operation and adequacy of performance of the irrigation system will remain with the Contractor.

The irrigation works shall include all mechanical, hydraulic requirements to the performances required and includes but is not limited to the following:

- Design of dripline irrigation system and related hydraulic / electrical works for approval by the relevant authorities and for comment by the Superintendent.
- Attainment of all relevant authority approvals and inspections.
- Connection to water service
- Construction and testing of new irrigation pipework
- Instruction of operators.
- Maintenance of continuity of use, repair and/or replacement of utility services affected by the installation of the irrigation system.
- Excavation, shoring, dewatering and backfilling in all classes of material.
- Modification of existing structures commissioning of all works constructed under this project.
- All other works necessary for the required performance of the irrigation system.
- Excavation & backfill
- Maintenance period of 12 months.
- A minimum warranty period of 12 months for parts and labour on pumps, control system components and irrigation components.
- Visit site once a month during the warranty period to check the and monitor performance of the equipment and operators.

##### FEES PERMITS AND APPROVALS

The Contractor shall be responsible for securing all necessary inspections and approvals. Before commencement of any works on the site the Contractor shall obtain approval from the Superintendent for the works to proceed and submit the necessary notification forms to all authorities having jurisdiction. These shall include but are not limited to the following:

Connection Fees & Inspection Fees	- Water Authority
Document Inspection Fees	- Water Authority
Service Connection Charges	- Water Authority

The Contractor shall pay all fees, permits, royalties, deposits, and charges and shall produce documentary evidence to the Superintendent upon request.

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