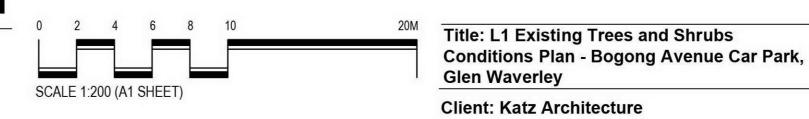


KEY	BOTANIC NAME	COMMON NAME
E.s.	EUCALYPTUS SCOPARIA	WALLANGARRA WHITE GUM
L.c.	LOPHOSTEMON CONFERTUS	BRUSH BOX
L.p.	LEPTOSPERMUM PETERSONII	LEMON SCENTED TEA TREE

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L1 EXISTING TREES AND SHRUBS CONDITIONS PLAN BOGONG AVENUE CAR PARK, GLEN WAVERLEY CITY OF MONASH



**Amendments:** 

01.07.2022 Rev A Tree numbers included

01.07.2022 Rev A Issued to Shaun Rogers

28.06.2022 Issued to Shaun Rogers

**Print Issue:** 

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Drawn: JG

Date: 01.07.2022 Project No.: 22-028

Cad File:

Drawing No.: Sheet 1 of 3



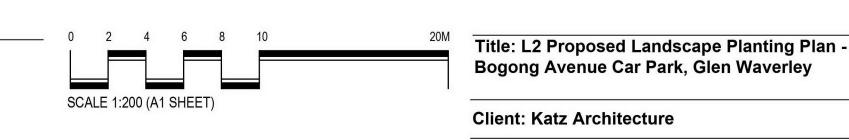
# PLANT SCHEDULE AND QUANTITIES

HABIT	KEY	BOTANIC NAME	COMMON NAME	QTY	POT SIZE	HT. & SPR.
EVERGREEN TREES	E.r.	ELEAOCARPUS RETICULARIS	BLUEBERRY ASH	9	300mm	12 X 9
DECIDUOUS TREES	P.c.C.	PYRUS CALLERYANA 'CAPITAL'	ORNAMENTAL PEAR	22	300mm	9 X 3
GROUND COVERS	C.d.	CORREA DECUMBENS	SPREADING CORREA	145	150mm	0.3 X 1.5

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Ht. x Spr. denotes height and spread at maturity in metres

# L2 PROPOSED LANDSCAPE PLANTING PLAN BOGONG AVENUE CAR PARK, GLEN WAVERLEY CITY OF MONASH



Landscape Architecture and Urban Design **Amendments: MICHAEL SMITH** 01.07.2022 Rev A Tree numbers included

**Print Issue:** 

28.06.2022 Issued to Shaun Rogers

01.07.2022 Rev A Issued to Shaun Rogers

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Date: 01.07.2022

**Project No.: 22-028** Cad File:

Drawing No.: Sheet 2 of 3

# PERFORMANCE NOTES

**EXISTING STREET TREES TO BE RETAINED:** Existing street trees and trees within the car park site to remain are to be adequately protected during site works.

TREE PRESERVATION ZONES TO: Must meet the following requirements:

#### Remove existing structures and debris from each TPZ.

Vegetation protection fences to be a minimum height of 1.8 metres. Erect cyclone chain mesh to either 50 mm diameter galvanised steel posts or 100 mm diameter C.C.A treated pine posts securely positioned into the ground with cement stabilised rammed earth footing. Tree protection fencing is to run the entire length of Bogong Avenue, parallel to the footpath and against the frontage to the car park to secure all trees within the lengths they occur. Fencing is to be erected prior to the commencement of any demolition

works and is to remain until completion of construction.

A consultant arborist to the satisfaction of the Monash City Council must give prior advice on the appropriate construction methods and must be on-site to supervise excavation works around the existing

vegetation where the Tree Preservation Zone will be encroached. This is paramount if substantial roots

(greater than 100mm diameter) are encountered and may require pruning. Where construction techniques will coincide with the canopy of the existing trees an arborist must be engaged to

#### appropriately prune the trees prior to the commencement of construction.

Signs are to be placed on each side of the fence, advising that there is no entry into the Tree Preservation Zone and that the fence is to remain in place from commencement of demolition and site clearance, untill the completion of construction works. Signs are to measure 600 x 400 mm and made of sheet metal.

No persons, vehicles or machinery are to enter the Vegetation Protection Zone except with the consent of the consulting arborist and to the satisfaction of the Monash City Council. Any excavation works within

this zone should be carried out by hand or under the supervision of a suitably qualified or experienced Arborist.

Any underground service installations must be bored and utility authorities must utilise a common trench where possible.

No fuel, oil dumps or chemicals are allowed to be used or stored within the Vegetation Protection Zone and the servicing and

re-fuelling of equipment and vehicles must be carried our away from the root zones.

by saw cutting or with a sharp axe and not with a backhoe or any machinery or blunt instrument.

No storage of material, equipment or temporary building is to take place within the Vegetation Protection Zone.

Nothing whatsoever is to be attached to any tree including temporary services, wires, nails, screws or any other fixing device.

All root excavation must be carried our by hand digging or with the use of 'Air Excavation' techniques, and roots must be severed

<u>UNDERGROUND SERVICES:</u> The Landscape Contractor is to establish the location of all underground services prior to commencing cultivation and any excavation works on the site.

<u>SITE PREPARATION:</u> Remove any builders debris prior to cultivation of the existing site soil to areas of both designated garden beds and reinstated nature strip grass areas. Dispose of rubbish to a recognised waste disposal tip. Generally follow levels established to paved areas and paths in establishing fall away from paths and paved areas.

<u>WEED CONTROL TO AREAS TO BE PLANTED:</u> Prior to cultivation of areas to be planted, determine with the Superintendent of works areas that require weed control. Those areas deemed requiring weed control spray with an approved knock-down herbicide to the Manufacturer's directions of use. Allow a 2-3 week fallow period for weeds to die-off before cultivation takes place.

<u>CULTIVATION OF SITE SOIL AND FILL MATERIAL:</u> Following spraying areas of weeds and eradication of weeds and prior to spreading topsoil, cultivate the site soil to garden bed areas. Cultivate the site soil by deep ripping to 200mm depth then finer cultivation with lighter machinery to 200mm. Seek approval of cultivation of all proposed garden beds from the Superintendent of works prior to planting.

<u>IMPORTED TOPSOIL:</u> On completion of cultivation of the site soil and approval of the cultivation by the Superintendent, spread imported topsoil to a lightly rolled depth of 150mm to garden beds. Supply imported topsoil is to be a 50 / 50 of local red brown loam and black sandy loam pH range 6-7 (Note: Wood fines and other organic material within top soil) renders that soil unacceptable for use.

### **AUTOMATIC INGROUND IRRIGATION SYSTEM:**

### PLAN:

Prepare an irrigation layout plan at 1:100 scale based on the designated grassed and garden bed areas as shown on the Planting Plan L1. Irrigation system to be a simple in-ground Netafim "Scapeline" poly tubing automatic drip line and emitter system (or approved equivalent) to garden bed areas.

The plan must indicate the master valve and tapping take-off point, proposed solenoid valve locations, pressure reducing valve, flush valve, disc mesh filter, lateral and mainline pipe sizing, pipeline spacings and pipe runs.

Install a backflow prevention device to the upstream side of the meter. Pipeline spacing between parallel grid runs to be 500mm maximum.

### STANDARDS

All materials and workmanship are to be the best of their respective kind. Obtain the Superintendent's approval of all materials upon delivery to the site. Materials found defective will be rejected.

- A.S. 1477 Parts 1-6 P.V.C. pipes and fittings for pressure applications.
- A.S. 3000 S.A.A. Wiring Rules. A.S. 2053 U.P.V.C. wire.
- A.S. 3147 Wiring

# WATER SUPPLY:

It is the responsibility of the Landscape Contractor to perform a pressure and volume test prior to installation to ensure sufficient pressure and flow rate. Supply and lay sleeve pipes of 90mm Ø UPVC pipes under concrete paths and carpark area to link irrigation pipe runs.

Copper connection to mains watersupply including a pressure reducing value at the water meter.

## CONTROLLER:

Supply and install a 12 station controller with multiple start times; each with 0-60 minutes timing. Mount the controller in an approved lockable box to a location determined by the Superintendent.

approved lockable box to a location determined by the Superintendent.

#### WIRING CABLE:

All wires are to be P.V.C. or poly-sheathed gauge 7/.050, 1.5m sq.mm building wire. An individual station wire is to be installed from each solenoid valve to the appropriate controller location. The common wires for the controller are to be colour coded, and station wires coded by colour or number. All wiring details are to be included on the "As laid" drawings.

Wire connections are to be made with the use of 'Dry Splice', Rain Bird Snap - Tite connectors provided compatible sealant is used or heat shrink connectors. Sealants that dissolve or melt P.V.C. sheathing would not be acceptable.

Upon completion of electrical work, the Landscape Contractor will ensure that each solenoid is operational.

#### VALVES:

Supply and install a disc-mesh filter after the backflow prevention valve and before the pressure reduction valve. Supply and install a pressure reducing valve compatable to the flow rate and pressure of the designed irrigation system. Adjust to a maximum of 235 kpa pressure. Supply and install an airflow valve at the most elevated point of the system and a flush valve at the lowest elevation of the system.

Solenoid valves are to closely match the relevant pipe size and the flow rate. Solenoid valves to have flow control, only one solenoid valve per controller station are to be wired. Allow for connection of all pipe work tees and junction elbows from the existing pipe work out of the meter.

#### **VALVES BOXES:**

All valves are to be housed in lockable boxes of sufficient size to allow the valves to be serviced without digging. Carson industry boxes to be used, nominate type and size on the design plan. Place valve boxes on a brick base. Lay clay bricks to provide a stable and solid base. Flush values to the lowest point of each station of zone.

#### **EMITTERS**:

Emitters are pre-welded to the inside of the Netafim "Scapeline" polytubing. Emitters are to be impregnated with Treflan root inhibitor.

Lay pipework parallel to the contour and commence with a pressure of 235 kpa with pipework to garden beds where trees, shrubs, groundcovers and tufting plants are to be planted. Supply and install Netafim "Scapeline" tubing with drippers welded into the interior wall at 300mm intervals. Set pipelines 100mm parallel to the edge of concrete pathways, paved surfaces and the building edge, elsewhere spacing between the pipe runs to be 500mm apart.

#### **INSTALLATION TESTING:**

Installation of the system is to be completed to the full satisfaction of the Superintendent in full compliance with the appropriate Australian Standards.

Prior to commencement, the Landscape Contractor is to detail their program for installation and will be advised by the Superintendent of mandatory inspections during that program.

At each solenoid assembly, wire of sufficient length will be looped to allow for future maintenance. As shown on the design plan, spare wires are to be left - taped and looped in a valve box. Valve box lids are to be installed flush with the finished surface.

Note: Wires on top of pipework will not be acceptable.

The system is to be thoroughly flushed before fitting the emitters.

#### AS BUILT DRAWING:

Provide the Superintendent with the instruction manual and copy of the 1:100 scale as-built drawing when applying for the Certificate of Practical Completion. Drawing to clearly show pipe size, pipe run grids, valve types, locations, fittings and cable routes.

### MAINTENANCE OF THE IRRIGATION SYSTEM:

Once planting of trees, shrubs and ground cover is completed, the Landscape Contractor is responsible for the fortnightly inspections of the irrigation system during the 26 week Maintenance and Establishment Period. Adjustments are to be made at the start of October through summer and reduce irrigation intensity by the start of April.

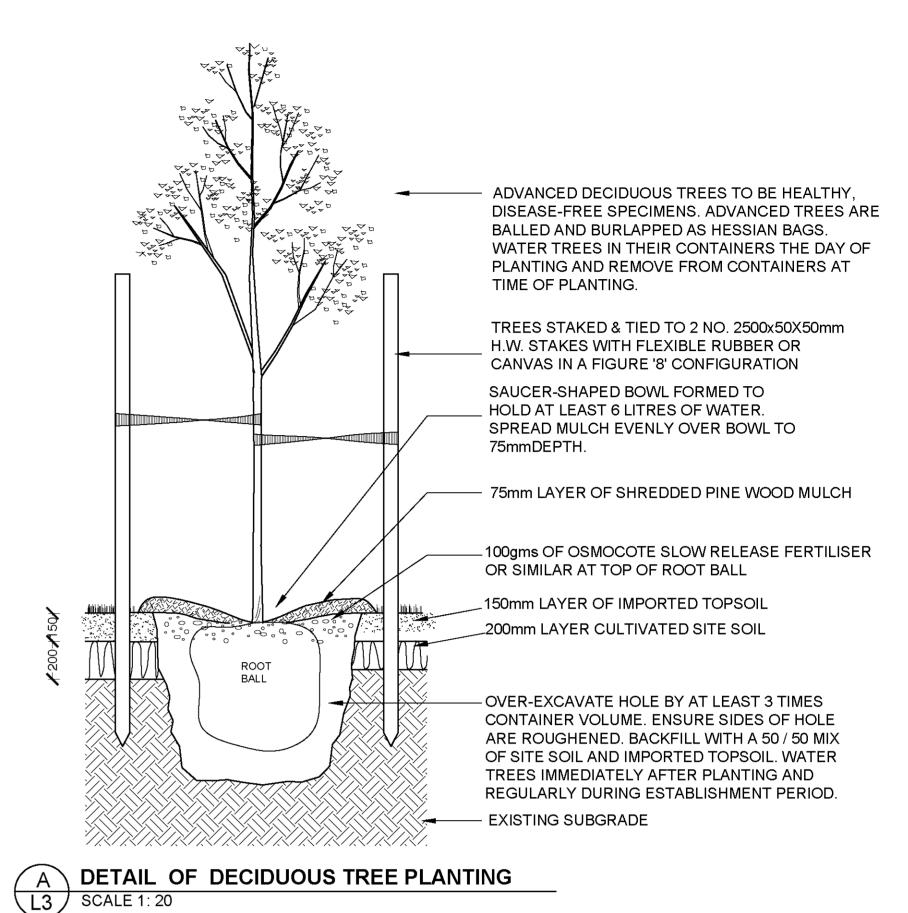
PLANTS AND PLANTING: All plants are to healthy diseases free specimens that have been hardened off ready for planting. Planting is not to be undertaken during periods of extreme heat, i.e above 35°C or extreme windy conditions or wet conditions. Water plants the morning of planting whilst still in their pots. Undertake follow-up watering by the irrigation system to garden beds. Over-excavate all plant holes by at least three times the pot volume. Spread osmocote fertiliser to each plant hole at the following rates; 300mm ø pots 50gms/Ea. and 150mm ø pots 25 gms/Ea. Stake and tie evergreen trees by two 2100x32x32 pointed H.W. stakes and deciduous trees with two stakes 2500x50x50 pointed H.W. stake. All ties to be flexible rubber or canvas ties in figure 8" configuration. Water-in plants immediately following planting by bucket/hose watering, then regular watering through the irrigation system. Regularly check the irrigation system is operating during the maintenance and establishment period.

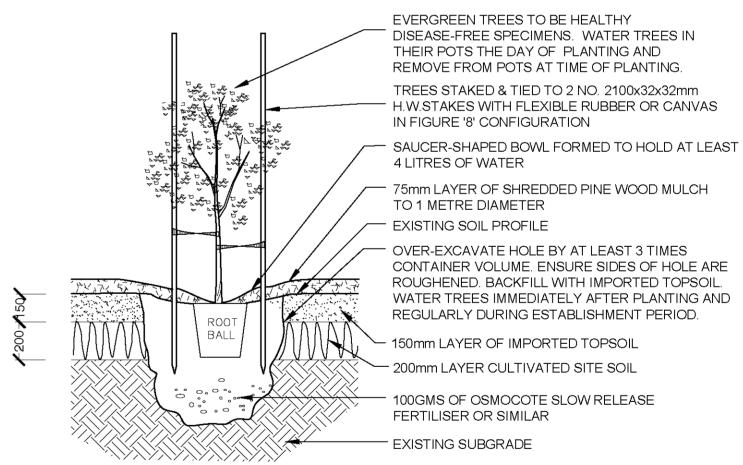
MULCH: After planting spread shredded pinewood mulch to a depth of 75mm to all garden beds.

<u>MAINTENANCE</u>: Maintain all garden beds on Bogong Avenue in a neat and tidy condition. Regularly water garden beds and grassed areas during the Maintenance and Establishment period and dry spells. Eradicate any weed growth. Maintenance includes watering and checking the operation of the irrigation system, rubbish removal, fertiliser applications, checking staking and tying of trees and large shrubs, pest and disease control, cultivation of soil and replacement of dead or dying plants.

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# L3 PERFORMANCE NOTES AND PLANTING DETAILS BOGONG AVENUE CAR PARK, GLEN WAVERLEY CITY OF MONASH







This drawing is the copyright of, and may not be reproduced or transmitted without prior consent of Michael Smith and Associates Landscape Architecture and Urban Design Amendments: MICHAEL SMITH AND ASSOCIATES Landscape Architecture and Urban Design **Print Issue:** Office: 1st floor, 407 Whitehorse Road, Balwyn VIC 3103 Postal: 5 Jervis Street, Camberwell VIC 3124 Tel: 9830 0414 Fax: 9830 2555 Email: mike@msalandurb.com.au Drawn: KL/JG Title: L3 Performance Notes and Planting **Date:** 15.08.2022 Details - Bogong Avenue Car Park, Glen **Project No.: 22-028** Waverley Cad File: **Client: Katz Architecture** Drawing No.: Sheet 3 of 3