

LEGEND

- Steel garden edging
- Natural turf area
- Permeable driveway by SW engineer
- Retaining wall
- Existing trees proposed to be retained and protected
- Existing trees proposed to be removed
- 1.8m Gate and fence - colour and style to be nom. by client
- Clothes line - colour and style to be nom. by client

TREES

- Corymbia maculata
- Cupaniopsis anacardioides
- Pistacia chinensis
- Acmena smithii 'Minor'
- Syzygium 'cascade'
- Callistemon 'Great Balls of Fire'

SHRUBS/HEDGING

- Acmena smithii 'Minor'
- Syzygium 'cascade'
- Callistemon 'Great Balls of Fire'

GROUND COVER

- Trachelospermum jasminoides

LANDSCAPE CALCULATIONS

SITE AREA:	879.1m <sup>2</sup>
REQUIRED LANDSCAPE AREA:	307.7m <sup>2</sup> (35%)
PROPOSED LANDSCAPE AREA:	573.6m <sup>2</sup> (62.5%)
REQUIRED LANDSCAPE AREA IN FRONT SETBACK:	119.5m <sup>2</sup> (199.1m <sup>2</sup> x 60%)
PROPOSED LANDSCAPE AREA IN FRONT SETBACK:	176.1m <sup>2</sup>



NOT FOR CONSTRUCTION

Issue	Comments	Date
A	Issued to DA	25.10.2021
B	Issued to DA	07.07.2022

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1110 Victoria Rd  
West Ryde NSW 2114

DRAWN:	CHECKED:	DATE CREATED:	JOB NUMBER:
BH	BETH HUANG	25th October 2021	LA211025

LANDSCAPE PLAN

LA-01

ISSUE  
B

LANDSCAPE SPECIFICATION NOTES

Tree Protection

Trees requiring protection, either identified on the drawings or as instructed, are to be protected in the following manner.

1 Marking

Mark trees to be retained by suitable non-injurious, easily visible and removable means of identification. Remove the identification on completion.

2 Protection

Protect from damage the trees to be retained. Do not remove topsoil from, or add topsoil to, the area within the drip line of the trees and keep this area free of construction material and debris.

4 Enclosure

Prior to commencement of any work, including heavy machinery entering the site, a fence shall be erected to encompass the area beneath the canopy to the extent of the crown, where possible. The fence shall be 1800mm star pickets fixed 300mm into the ground at 2000mm centres. High visibility Polypropylene barricade material shall be fixed securely to the pickets. The fence must be maintained in good condition for the duration of the building contract.

The fenced exclusion zone is to be mulched with organic mulch to a depth of 75-100mm. The mulch is to be maintained for the duration of the development works.

5 Work on Trees

If it is necessary to perform any work on trees, give notice and obtain instructions before undertaking the work.

6 Root Pruning

Where root pruning is authorised, pruning shall be carried out by an experienced tree surgeon, under the supervision of a qualified Arborist. All root pruning shall be by hand and undertaken with clean sharp pruning tools. Severed roots shall be hand pruned, treated with root hormone, and kept moist for the duration of the building contract.

7 Excavation

If excavation is required near trees to be retained, give notice and obtain instructions. Where excavation is approved, use hand methods to locate, expose and cleanly remove the roots on the line of excavation. Excavation is not to affect more than two thirds of the root area within the drip line of the canopy.

8 Backfilling

Backfill to excavations around tree roots with a mixture consisting of three parts by volume of topsoil and one part of well rotted compost with a neutral pH value, free from weed growth and harmful materials. Place the backfill layers, each of 300 mm maximum depth, compacted to a dry density similar to that of the original or surrounding soil. Do not backfill around tree trunks to a height greater than 300 mm above the original ground surface. Immediately after backfilling, thoroughly water the root zone surrounding the tree.

9 Tree Monitoring

The trees to be protected are to be monitored for the duration of the building contract by a qualified Arborist, in particular ensuring that the root zone of the tree does not dry out.

10 Removal

If a tree is damaged and repair work is considered impractical, or is attempted and fails, remove the tree and root system, if so directed.

11 Harmful Materials

Keep the area within the dripline free of construction material and debris. Do not place bulk materials and harmful materials under or near trees. Do not place spoil from excavations against tree trunks. Prevent wind-blown materials such as cement from harming trees and plants. Soil around remnant trees to be maintained at all times.

12 Compacted Ground

Do not compact the ground under trees. If compaction occurs, give notice and obtain instructions.

13 Watering

Water trees as necessary, including where roots are exposed at ambient temperature greater than 35oC.

14 Prohibited Actions within Tree Protection Area:

The following are prohibited beneath the canopy of any trees, which are to be protected:

- Stockpiling or dumping of soil
- Stockpiling of construction materials, waste of refuse
- Parking or driving of construction vehicles, or equipment
- Erection of any structures including site offices
- Disposal of any form of liquid waste
- Placement of waste collection bins
- Removal or stripping of site topsoil.

The following activities are prohibited:

- Physical damage to the trunk, limbs or roots of any tree
- Pruning of branches without prior written consent
- Attachment of any form of sign to the trunk or branches

Material Selection

PP - Paving type

Product: Euro® Classic pavers. Dimension: 400x400x40mm Colour: Cyprus.

Concrete paver edging

Product: Havenslab® pavers. Dimension: 400x200x40mm Colour: Oatmeal.

Supplier: adbr|MASONRY. 1300 365 565. Email: enquiries@adbri.com.au

ALL PAVING SURFACES ARE TO CONFORM TO AS 4586, CLASS W & R11 SLIP RATING. TEST REPORTS TO BE PASSED TO SUPERINTENDENT BEFORE INSTALLATION. Paving selection to be approved by client before commencement of construction. All permeable paving to be constructed with proper edge restraint as per manufacturer's detail and specification to be suitable for residential driveway and car parking.

Stepping Stones

300mm x 600mm x 50mm thick concrete steppers to be formed on site over 30mm mortar bed over compacted sub-grade below. Allow for minimum 200mm spacing between pavers for grass growth. ALL PAVING SURFACES ARE TO CONFORM TO AS 4586, CLASS W & R11 SLIP RATING. TEST REPORTS TO BE PASSED TO SUPERINTENDENT BEFORE INSTALLATION.

Steel Edge

Formboss™ 2.44m L x 1.6mm x 75mm galvanised rounded top edge (item code: FBG16075) with 2.5mm gauge 300mm long x 75mm x 3mm tapered stakes CALV (x1 screws) (item code: FBS25300) or approved equivalent. Stakes to be installed evenly 3 per 2.44m length. Screws to be installed at 20mm from bottom of steel edge, must be under soil level. One screw for each side of your connection, one per stake.

Steel Edging to be installed flush with adjoining surface level.

Steel Edging to be installed at all joints of natural pebble and garden bed / paving.

General

Maintenance shall mean the care and maintenance of the landscape works by accepted horticultural practice as rectifying any defects that become apparent in the landscape works under normal use. The landscape contractor shall attend the site on a weekly basis to maintain the landscape works for the full term approved at CC stage of the maintenance period (commencing from practical completion).

Rubbish Removal

During the term of the maintenance period the Landscape Contractor shall undertake rubbish removal from the site on a weekly basis to ensure the site remains in tidy condition.

Weed Eradication

Weed growth that may occur in, planted or mulched areas is to be removed using environmentally acceptable methods i.e. nonresidual glyphosate herbicide, (e.g. 'Roundup', applied in accordance with the manufacturer's directions) or hand weeding.

Tree Replacement

Trees shall show signs of healthy vigorous growth and be free from disease and not exhibit signs of stress prior to handover to the client. Any trees or plant that die or fail to thrive, or are damaged or stolen will be replaced. Replacement material shall have the maintenance period extended in accordance with the landscape contract conditions. Trees and plant materials shall be equal to the minimum requirements of species specified and approved material delivered to site. Should the condition decline from the approved sample the Superintendent reserves the right to reject the tree / plants. Frequency: as required.

Pruning

Selective pruning may be required during the establishment period to promote a balanced canopy structure. These activities shall be carried out to the best horticultural and industry practice. All pruned material is to be removed from site.

Irrigation

A low volume drip irrigation system may be installed at the discretion of the Developer. Position of control box, solenoids and irrigation conduits to be designed by qualified irrigation engineer for superintendent approval. Controllers shall be mounted on a stable wall, power rack, or formed and constructed concrete based pedestal mount.

Watering

Implement an appropriate hand watering regime in areas not irrigated in association with current watering programme to maintain plant health and vigour. The program shall reflect seasonal conditions and plant species.

Frequency: Weekly or as required.

Drainage

All landscape areas are to have positive drainage to SW systems. If areas of poor drainage are identified on site then this should be brought to the site superindendants' attention for rectification. Install agg lines to back of all retaining walls as detailed refer to stormwater engineer's drawings.

Soils

Non-Australian native garden beds to have soil installed consisting of 50% existing site topsoil and 50% new topsoil equal or equivalent to 'Organic Garden Mix' as supplied by Australian Native Landscapes. Australian native garden beds to have soil installed consisting of 50% existing site topsoil and 50% new topsoil equal or equivalent to 'Native Low 'P' Mix' as supplied by Australian Native Landscapes. Topsoil to be installed to depth of 300mm for tree and mass planting garden beds, 100mm of turf underlay should be used under turf areas.

Cultivation

All garden beds to be cultivated to a min depth of 150mm and tree pits to the depth of the root ball only. If additives such as gypsum are required conduct this after cultivation into the top 100mm of soil.

Planting

All planting to be grown to NATSPEC specifications. Contractor to prepare site for planting including watering, handling, setting out and excavation. Excavate a hole for each plant large enough to provide not less than 100mm all around the root system of the plant. For tree planting each hole shall be dug with a shovel, backhoe or similar tool. Individual holes shall be excavated to allow root system to sit flat on the excavated hole and 400mm to each side of the root system. Backfill planting holes with existing site soil and topsoil as described in section 'Soil', plant / Tree shall be set plumb, with the root ball set slightly below the final soil level.

Stakes and ties

For 75lt and 100lt plants 1.2-1.5m high place 2 Hardwood stakes 38x38x1800mm long per plant. Stakes are to be straight and free from knots or twists and pointed at one end. Drive stakes into the ground for at least a third of their length, avoiding damage to the root system. Provide two hessian ties 75mm wide top each staked plant. Ties to be fixed securely to the stakes, one tie at half the height of the main stem, others as necessary to stabilise the plant. Install tie around stake and stem in a figure of eight pattern.

Mulching

The Landscape Contractor shall supply and install 15mm Eucy Mulch to all garden beds shown on the landscape plans, to a minimum depth of 75mm. All mulch is to be free of deleterious matter such as soil, weeds and sticks. Mulched surfaces are to be kept clean and tidy and free of any deleterious material and foreign matter. Reinstate depths to a uniform level of 75mm with mulch as specified, mulch to be free of any wood material impregnated with CCA or similar toxic treatment. Maintain watering rings around trees. Top up mulch levels prior to handover to client.

Turfing

The landscape contractor shall supply and install Sir Walter Buffalo turf in stretcher pattern to all turf areas shown on the landscape plans and is to finish flush with adjacent surfaces. Turf to be a min thickness of 50mm with a 40mm mowing height. Contractor to allow for fertilising, laying, tamping, watering, top dressing, maintenance and mowing. The landscape contractor shall supply and install turf underlay under all turf areas, consisting of 100mm thick layer of screened top soil.

Pest and Disease Control

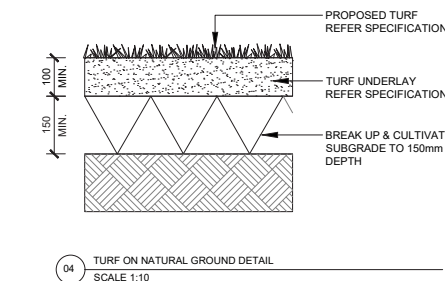
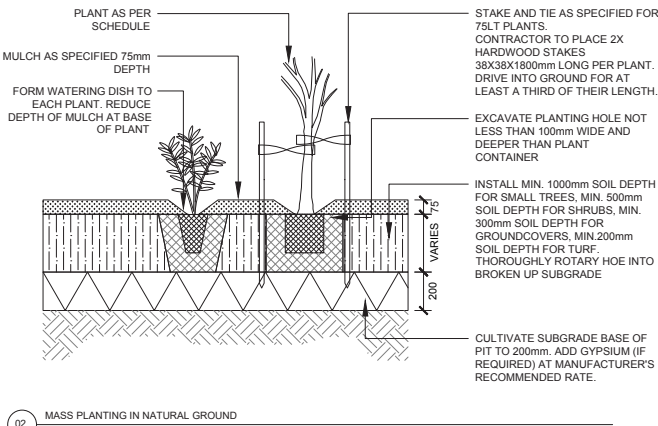
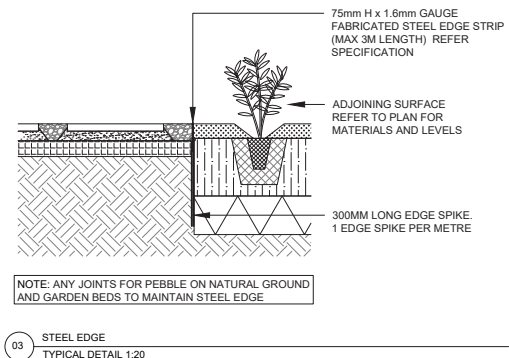
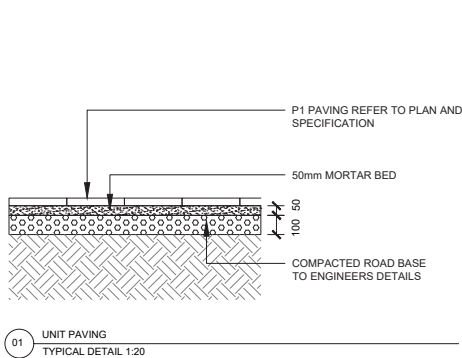
The Landscape Contractor shall spray for pests and disease infestations when the pest and fungal attack has been positively identified and when their populations have increased to a point that will become detrimental to plant growth. Apply all pesticides to manufacturer's directions. Frequency: weekly inspection

Fertilising

Pellets shall be in the form intended to uniformly release plant food elements for a period of approximately nine months equal to Shirleys KOKEI pellets, analysis 6.3:1.8:2.9 or similar approved. KOKEI pellets shall be placed at the time of planting to the base of the plant, 50mm minimum from the root ball at a rate of two pellets per 300mm of top growth to a maximum of 8 pellets per tree. Generally check for signs of nutrient deficiencies (yellowing of leaves, failure to thrive), and adapt fertiliser regime to suit.

Fertiliser should be applied at the beginning and the end of the (summer) growing season.

LANDSCAPE DETAILS



NOT FOR CONSTRUCTION



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Figured dimensions shall be taken in preference to scaling.  
The contractor shall check all dimensions on site before commencing work.

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1110 Victoria Rd  
West Ryde NSW 2114

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DETAILS AND SPECIFICATION

LA-02

ISSUE

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