



**Preparation by Builder:** Builder shall remove all existing concrete pathways, fences, footings, walls etc. not notated to be retained and complete all necessary excavation work prior to commencement on site by Landscape Contractor (Contractor). Builder shall also install new retaining walls, kerbs, layback kerb, crossover, pathways etc. and make good all existing kerbs, gutters etc. as necessary and to approval of Council. Builder shall ensure that a minimum 450mm of topsoil in garden beds and a minimum 150mm of topsoil in lawn areas exists. Should required depths not exist Builder shall contact Landscape Architect and ask for instructions prior to completion of excavation works. Excavate as necessary, then fill with approved site topsoil to allow for minimum 450mm soil depth in garden areas and 150mm soil depth in lawn areas and to gain required shapes & levels. Ensure all garden and lawn areas drain satisfactorily. All levels & surface drainage shall be determined by others & approved on site by lead contractor. Note: Approved imported topsoil mix may be utilised if there is insufficient site topsoil available. State in Tender a m3 rate for additional imported topsoil and the quantities of both site topsoil and imported topsoil allowed for in Tender.

**Tree Protection:** Trees to be retained shall be protected during site works and construction by the erection of solid barricades to the specification of Council. Storage of machinery or materials beneath canopy of trees to be retained shall not be permitted. Changes to soil level and cultivation of soil beneath canopy of trees to be retained shall not be permitted unless under direct supervision of Landscape Architect. Existing trees shall be pruned to Landscape Architects onsite instructions.

**Lawn Edging and Stepping Stones:**(i) 125 x 25mm approved tanalith impregnated pine edging shall be installed, to lines as indicated on plan and staked with approved stakes at maximum 1500mm centres at ends and changes of direction; stakes shall be nailed to edging with approved galvanised steel nails. Top of edging shall finish flush with surrounding surfaces. Top of stakes shall finish 25mm below top of edging. (ii) Contractor shall install approved bricks on edge on a minimum 100mm deep x 90mm wide concrete footing with brick tor set in, to lines nominated on plan as brick edging. Bricks shall be laid with a nominal 10mm wide approved coloured mortar joint. Bricks needing to be cut shall be done so with clean sharp cuts. Top of edging shall finish flush with surrounding finished surfaces. Approved unit stepping stones shall be positioned as indicated on plan on a 25mm river sand bed.

**Planting:** Purchase plants from an approved nursery. Plants to be healthy, true to type and species. Set out plants to positions indicated on plan. Following approval, plant holes shall be dug approximately twice width and to 100mm deeper than plant rootballs that they are to receive. Base and sides of hole shall be further loosened. Organic topsoil shall be mixed at a 50:50 rate with excavated material from plant hole, then be placed into base of hole and lightly consolidated. Base of hole shall then be watered. Remove plant container and install plant into hole. Rootball shall be backfilled with surrounding topsoil and topsoil firmed into place. An approved shallow dish shall be formed to contain water around base of stem. Base of stem of plant shall finish flush with finished soil level. Once installed plant shall be thoroughly watered and maintained for the duration of the Contract.

**Mulching:** Install 75mm depth of 25mm diameter Leaf mulch to all garden areas, coving mulch down around all plant stems & to finish flush with adjacent surfaces.

**Fencing:** Retain all existing fences unless advised otherwise by builder. Install timber paling fences to heights indicated on Plan.

**Irrigation:** Contractor shall supply and install an automatic, computerised irrigation system to all garden and lawn areas, excluding council nature strip. The irrigation system must include all safety measures such as a Dual Check valve and shall be installed to Sydney Water's specifications. The irrigation to the lawns shall utilise pop-up sprinklers and dripline irrigation to the garden beds at 400mm spacings. Lawn and garden areas are to be operated on separate zones. Contractor shall be responsible to ensure that system is able to satisfactorily operate on available water pressure. Power supply for use by irrigation controller shall be provided by others in a location selected by the owners. The irrigation system controller shall be housed in waterproof cabinet for external use.

**Completion:** Prior to practical completion remove from site all unwanted debris occurring from work. Satisfy Council that all landscaping work has been undertaken in strict accordance with Councils landscape codes & guidelines.

**a) Recurrent works** Undertake recurrent works throughout the Maintenance Period. These works shall include but are not limited to watering, weeding, fertilising, pest and disease control, returfing, staking and tying, replanting, cultivation, pruning, aerating, renovating, top dressing and the like.

**(b) Watering** Regularly water all plants and lawn areas to maintain optimal growing conditions. Contractor shall adjust the water quantity utilised with regard to climatic conditions prevalent at the time.

**(c) Replacements** Immediately replace plants which die or fail to thrive (at discretion of Landscape Architect) with plants of same species or variety and of same size and quality unless otherwise specified. Plant replacement shall be at Contractors expense, unless replacement is required due to vandalism or theft, which shall be determined by Landscape Architect. Required replacement of plants due to vandalism or theft shall be undertaken by Contractor and shall be paid for by Client at an agreed predetermined rate.

**(d) Mulched surfaces** Maintain mulched surfaces in clean, tidy, weed-free condition and shall reinstate mulch as necessary to maintain specified depths.

**(e) Stakes & ties** Adjust and/or replace stakes and ties as required. Remove stakes and ties at end of Maintenance Period if directed by Landscape Architect.

**(f) Lawn areas** Lawn areas shall be mown at regular intervals to ensure non heading of lawn with a fine-cutting mulching mower and clippings left on lawn to mulch and self-fertilise lawn areas. Primary cut after laying of lawn by others shall be determined on site taking into consideration season, watering and growth rate of lawn. Following the primary cut all lawns shall be regularly mown as required to ensure a healthy lawn and a neat appearance. Care shall always be taken to ensure that no clippings are left on surrounding roads or garden areas after mowing. Replace lawn areas that fail to thrive at discretion of Landscape Architect. All new and made good lawn areas shall be barricaded off from pedestrian traffic by use of star pickets and brightly coloured plastic safety mesh until establishment of lawn. Barricades shall be removed upon establishment of lawn area.

(g) **Weeding** Remove by hand, or by carefully supervised use of weedicide, any weed growth that may occur throughout Maintenance Period. This work shall be executed at weekly intervals so that all lawn and garden areas may be observed in a weed-free condition.

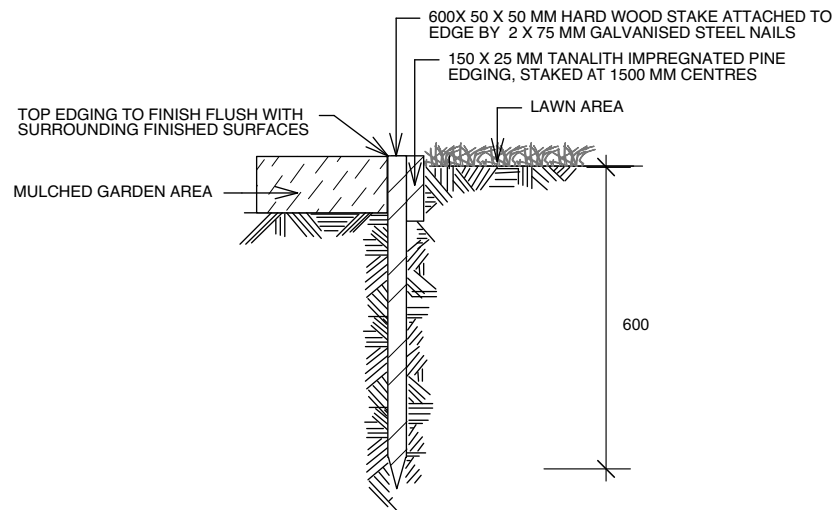
(h) **Pruning** Prune new and existing plants (excluding existing trees) as necessary to maintain dense foliage conditions. Any rogue branches, or branches overhanging or obstructing pathways, roads, doorways, etc., shall be removed by approved horticultural methods.

(i) **Spraying** Spraying for insect, fungal and disease attack shall be undertaken as required and in accordance with spray manufacturers recommendations at intervals taking into account the season of year during which landscape works are to be implemented.

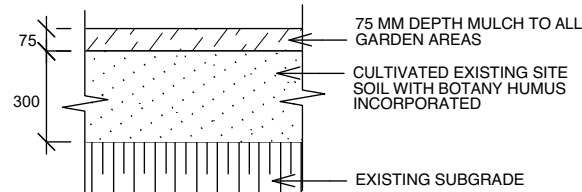
(i) **Tree Care** Should any existing trees be damaged during construction works immediately engage an experienced arboriculturist and then undertake any rectification work recommended by arboriculturist

|   |         |  |                           |   |                |  |                                    |   |   |   |
|---|---------|--|---------------------------|---|----------------|--|------------------------------------|---|---|---|
| A | 19/9/18 | DA Submission  | GC                        | <b>Notes:</b> <ol style="list-style-type: none"> <li>1. All dimensions and levels shall be verified by Contractor on site prior to commencement of work.</li> <li>2. All detailing of drainage to paved areas shall be by others.</li> <li>3. All levels shall be determined by others and approved on site by client.</li> <li>4. Extent, height and position of all retaining walls shall be determined by others and approved on site by client.</li> <li>5. Do not scale from drawings.</li> <li>6. If in doubt contact the Landscape Architect.</li> <li>7. All boundaries shall be surveyed prior to commencement of construction works.</li> <li>8. This plan is for DA purposes only. It has not been detailed for construction.</li> <li>9. All dimensions, levels and boundaries are nominal only.</li> <li>10. This design shall not be copied, utilised or reproduced in any way without prior written permission of Grant Clement Landscape Architects.</li> </ol> | <b>Legend:</b> | <br>ICON<br>HOMES<br>ICONHOMES.COM.AU | <b>Drawing:</b><br>SPECIFICATION   | <br>Grant Clement<br>Landscape Architect & Pool Designers<br>153 McCarrs Creek Rd, Church Point NSW 2105<br>T: 0451 545 769 E: grant.clement@outlook.com | <b>Status</b><br><br>SCALE - 1:100 @ A1   | <b>Project No.</b><br><br>100                   |
|   |         | <b>Address:</b><br>Lot 20 Karinya Estate, Warriewood | <b>Project:</b><br>CLARKE |   |                |  | <b>Client:</b><br>Mrs Sharon Clark |   | Drawn By   GC Dwg Date:   30.01.18<br>Checked By   JS Plot Date:  <br>CAD File Name   ICON_CLARKE.vwx | <b>Drawing No.</b> L 101 A<br><b>Rev #</b> OF 1 |

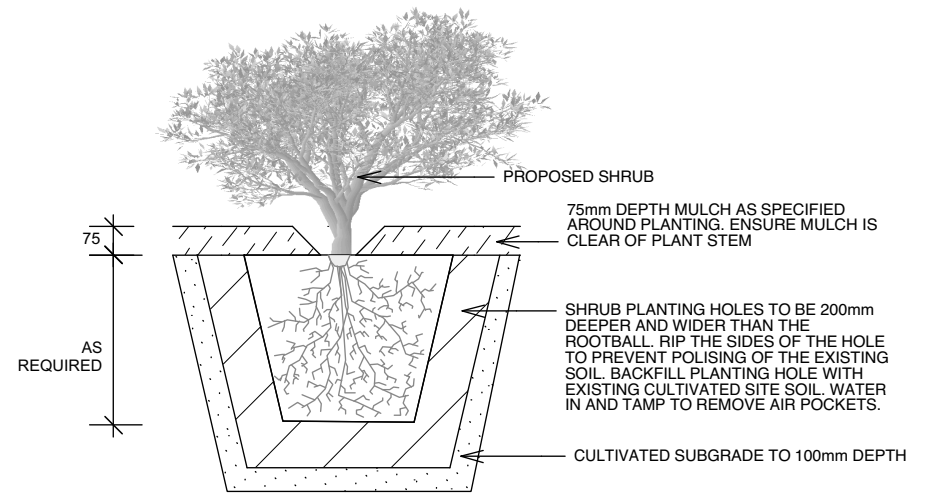




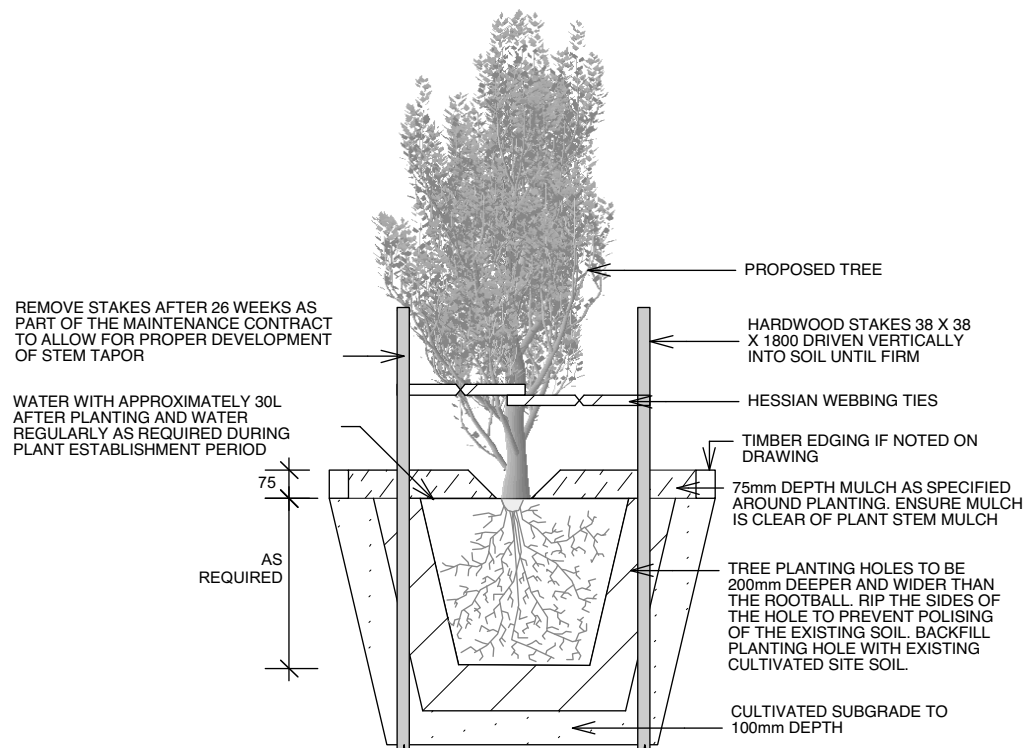
**TYPICAL TIMBER EDGE DETAIL**  
SCALE 1:10  
DO NOT SCALE



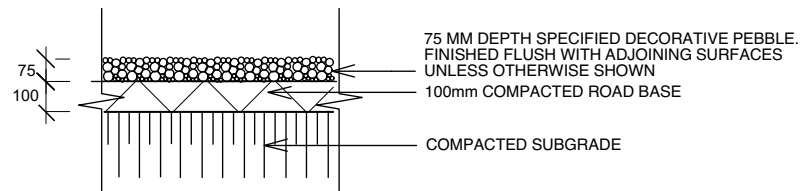
**SOIL TO GARDEN AREAS**  
SCALE 1:20



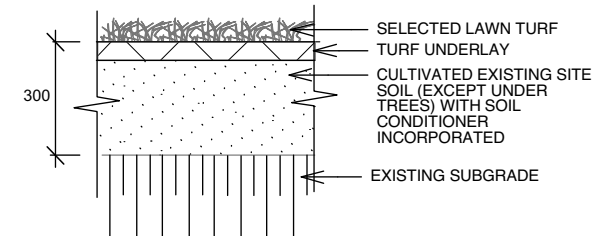
**PLANTING DETAIL**  
SCALE 1:20



**TREE PLANTING & STAKING DETAIL**  
SCALE 1:20



**PEBBLE PATHWAY**  
SCALE 1:10



**TYPICAL TURF DETAIL**  
SCALE 1:20

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**Legend:**



**Drawing:**

TYPICAL DETAILS

**Address:**

Lot 20 Karinya Estate, Warriewood

**Project:**

CLARKE

**Client:**

Mrs Sharon Clark



**Status**

SCALE - 1:100 @ A1

Drawn By | GC

Checked By | JS

CAD File Name | ICON\_CLARKE.vwx

Dwg Date: | 30.01.18

Plot Date: |



**Project No.**

100

**Drawing No.**

**Rev #**

L 102 A

OF 1