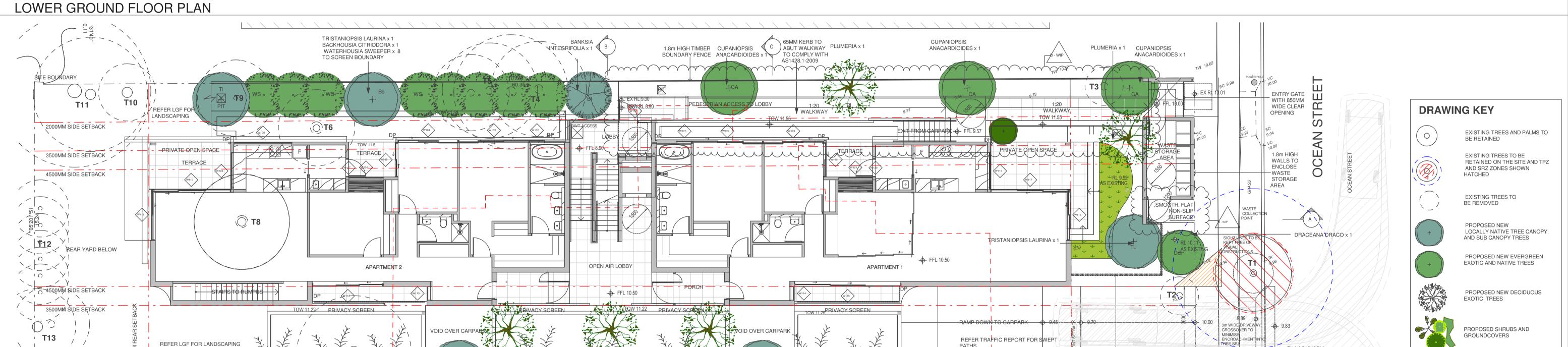


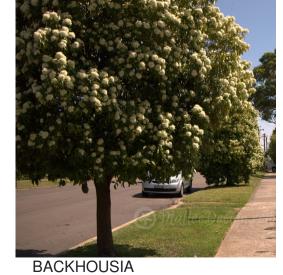
| PLANTING SCHEDULE Trio Narrabeen Apartments – Rev 15/11/21 |         |                         |  |    |        |       |                   |  |  |
|--|---------|-------------------------|--|----|--------|-------|-------------------|--|--|
| Botanical Name   |         | Common Name             | Pot<br>Size  | No | Height | Width | Native/<br>Exotic |  |  |
| Existing trees to re                                       | emove   | )                       |  | 1  |        |       |                   |  |  |
| T2,T3,T4,T5,T6,T7,T8,                                      | Γ9,T10, | T11,T12,T13             |  |    |        |       |                   |  |  |
| Existing trees to re                                       |         |                         |  |    |        |       |                   |  |  |
| Lagunaria patersonii                                       | T1      | Norfolk Island Hibiscus | On council verge to be retained and protected in accordance with arborist report |    |        |       |                   |  |  |
| Locally native Can   | ору Т   | rees                    |  |    |        |       |                   |  |  |
| Acmena smithii   | Ac      | Lillypilly              | 45lt   | 2  | 8m     | 5m    | Locally native    |  |  |
| Banksia integrifolia                                       | Bi      | Coast Banksia           | 75lt   | 1  | 15m    | 4m    | Locally native    |  |  |
| Brachychiton acerifolium                                   | Br      | Illawarra Flame tree    | 45lt   | 1  | 25m    | 5m    | Locally native    |  |  |
| Tristaniopsis laurina                                      | TI      | Water Gum               | 75lt   | 2  | 10m    | 8m    | Locally native    |  |  |
| Trees  | •       | •                       |  | •  | •      |       | •                 |  |  |
| Archontophoenix cunninghamiana                             | Ar      | Bangalow Palm           | 45lt   | 2  | 13m    | 4m    | Native 3 drop     |  |  |
| Backhousia citriodora                                      | Bm      | Lemon scented Myrtle    | 45lt   | 1  | 9m     | 5m    | Native 2 drop     |  |  |
| Cupaniopsis<br>anacardioides                               | Cu      | Tuckeroo                | 45lt   | 3  | 7m     | 5m    | Native 1 drop     |  |  |
| Howea forsteriana  | Hf      | Kentia Palm             | 45lt   | 3  | 10m    | 3m    | Native 2 drop     |  |  |
| Lagers troemia 'Natchez'                                   | La      | Crepe Myrtle 'Natchez'  | 75lt   | 1  | 4m     | 3m    | Exotic 1 drop     |  |  |
| Livistona australis  | Li      | Cabbage Palm            | 45lt   | 3  | 25 m   | 5m    | Locally native    |  |  |
| Magnolia Teddy Bear  | MT      | Teddy bear Magnolia     | 45lt   | 1  | 4m     | 1.5m  | Exotic 3 drop     |  |  |
| Plumeria rubra   | PI      | Frangipani              | 75lt   | 5  | 6m     | 3m    | Exotic 2 drop     |  |  |
| Waterhousia Sweeper  | WS      | Weeping Lilly Pilly     | 45lt   | 10 | 15m    | 6m    | Native 2 drop     |  |  |

| PLANTING SCHED                       | ULE | Trio Narrabeen Apa     | rtments | – Re | v 15/11 | /21    |                |
|--------------------------------------|-----|------------------------|---------|------|---------|--------|----------------|
| Shrubs – Lower Gr                    |     |                        |         |      |         |        |                |
| Agave Blue Glow                      | AB  | Blue Glow Agave        | 300mm   | 7    | 0.6m    | 0.6m   | Exotic 1 drop  |
| Alcantarea imperialis 'Rubra'        | AR  | Imperial Bromeliad     | 300mm   | 3    | 1.2m    | 1.5m   | Exotic 2 drop  |
| Aloe Mighty Sunset                   | Al  | Aloe hybrid            | 200mm   | 5    | 0.7m    | 0.7m   | Exotic 1 drop  |
| Alpinia henryi                       | АН  | Pink Perfection Ginger | 200mm   | 33   | 2.0m    | 1.0m   | Exotic 2 drop  |
| Beschorneria yuccoides               | Ву  | Mexican Lily           | 200mm   | 30   | 1.0m    | 1.5m   | Exotic 1 drop  |
| Carissa "Desert Star"                | CD  | Natal Plum             | 200mm   | 39   | 1-2m    | 1-2m   | Exotic 1 drop  |
| Casuarina glauca<br>'Cousin it'      | Сс  | Cousin it              | 200mm   | 32   | 0.15m   | 1.0m   | Native 1 drop  |
| Crassula Blue Bird                   | СВ  | Blue Jade Plant        | 300mm   | 18   | 1.0m    | 1.0m   | Exotic 1 drop  |
| Crassula Hummel's<br>Sunset          | СН  | Hummels Sunset Jade    | 300mm   | 6    | 0.9m    | 0.6m   | Exotic 1 drop  |
| Doryanthes excelsa                   | Do  | Gymea Lily             | 200mm   | 9    | 2m      | 2.0m   | Native 1 drop  |
| Dracaena draco                       | Dm  | Dragon Tree            | 300mm   | 1    | 3.0m    | 2.0m   | Exotic 2 drop  |
| Grevillea rosmarinifolia             | Gr  | RosemaryGrevillea      | 200mm   | 2    | 0.5-2m  | 0.5-2m | Locally native |
| Heliconia Hot Rio Nights             | HH  | Heliconia              | 200mm   | 6    | 3.0m    | 1.0m   | Exotic 3 drop  |
| Heliconia Red<br>Christmas           | HR  | Heliconia              | 200mm   | 6    | 1.5m    | 1.0m   | Exotic 3 drop  |
| Helichrysum petiolare                | Нр  | Licorice plant         | 200mm   | 5    | 0.6m    | 1.5m   | Exotic 1 drop  |
| Kalanchoe Silver<br>Spoons           | KS  | Silver Teaspoons       | 140mm   | 6    | 0.3m    | 0.3m   | Exotic 1 drop  |
| Ligularia reniformis                 | Ld  | Tractor seat plant     | 200mm   | 35   | 1.0m    | 0.5    | Exotic 3 drop  |
| Metrosideros Thomasii                | Ме  | NZ Christmas bush      | 200mm   | 31   | 4.0m    | 3.0m   | Exotic 1 drop  |
| Nolina nelsoni                       | Nn  | Blue Nolina            | 300mm   | 1    | 2.0m    | 1.0m   | Exotic 1 drop  |
| Philodendron 'Xanadu'                | PX  | Xanadu Philodendron    | 200mm   | 44   | 0.9m    | 1.2m   | Exotic 3 drop  |
| Pittosporum tobira 'Miss<br>Muffett' | PM  | Japanese Pittosporum   | 300mm   | 3    | 0.75m   | 1.0m   | Exotic 1 drop  |
| Rhaphiolepis Oriental<br>Pearl       | RO  | Indian Hawthorn        | 300mm   | 23   | 1.5m    | 1.0m   | Exotic 1 drop  |
| Rhaphiolepis Snow<br>Maiden          | RS  | Indian Hawthorn        | 300mm   | 10   | 1.5m    | 1.0m   | Exotic 1 drop  |
| Rosmarinus officinalis               | Ro  | Common Rosemary        | 200mm   | 5    | 1.5m    | 1.5m   | Exotic 1 drop  |
| Rosmarinus prostratus                | Rp  | Prostrate rosemary     | 200mm   | 4    | 0,5m    | 1.0m   | Exotic 1 drop  |
| Santolina<br>chamaecyparissus        | Sa  | Cotton lavender        | 200mm   | 8    | 0.4m    | 0.6m   | Exotic 1 drop  |
| Strobilanthes<br>gossypinus          | St  | Persian Shield         | 200mm   | 3    | 1.2m    | 1.2m   | Exotic 1 drop  |
| Syzygium Resilience                  | SR  | Resilience Lilly Pilly | 300mm   | 67   | 2-3m    | 1.0m   | Native 2 drop  |
| Westringia Grey Box                  | WG  | Grey Box               | 200mm   | 11   | 1.0m    | 1.0m   | Native 1 drop  |
| Zamia furfuracea                     | Za  | Cardboard Palm         | 300mm   | 1    | 1.0m    | 1.5m   | Exotic 1 drop  |

| Groundcovers                             |          | Trio Narrabeen Apa    |                             |          | 10,1         |              |                                 |
|--|----------|-----------------------|-----------------------------|----------|--------------|--------------|---------------------------------|
| Anigozanthos 'Velvet ctvs'               | An       | Kangaroo Paws         | 140mm                       | 11       | 1.5m         | 1.0m         | Native 1 drop                   |
| Arthropodium Matapouri<br>Bay            | Ar       | NZ Rock Lily          | 140mm                       | 5        | 0.6m         | 0.7m         | Exotic 1 drop                   |
| Asplenium australasicum                  | Aa       | Birds Nest Fern       | 200mm                       | 5        | 1.5m         | 2.0m         | Native 1 drop                   |
| Blechnum 'Silver Lady'                   | BS       | Fishbone Water fern   | 140mm                       | 10       | 1.2m         | 1.0m         | Native 1 drop                   |
| Carpobrotus<br>glaucescens               | Cg       | Pigface               | 140mm                       | 25       | 0.2m         | 2.0m         | Locally native                  |
| Dianella caerulea                        | Dc       | Flax Lily             | 140mm                       | 30       | 0.45m        | 0.45m        | Locally native                  |
| Dichondra repens                         | Dr       | Kidney Weed           | 100mm                       | 40       | 0.1m         | 1.0m         | Native 2 drop                   |
| Dichondra Silver Falls                   | DS       | Silver Kidney Weed    | 100mm                       | 15       | 0.1m         | 1.0m         | Native 2 drop                   |
| Doodia aspera                            | Da       | Prickly Rasp Fern     | 140mm                       | 15       | 0.3m         | 0.8m         | Locally Native                  |
| Hibbertia scandens                       | Hs       | Snake vine            | 140mm                       | 29       | 0.3m         | 1.0m         | Locally native                  |
| Juniperus taxifolia<br>Iutchuensis       | Ju       | Creeping Juniper      | 200mm                       | 5        | 0.3m         | 3.0m         | Exotic 1 drop                   |
| Kennedia rubicunda                       | Kr       | Dusky Coral Pea       | 200mm                       | 42       | 0.3m         | 1.5m         | Locally native                  |
| Lomandra 'Tanika'<br>Lomandra longifolia | LT<br>LI | Tanika<br>Sword Grass | 100mm                       | 71<br>19 | 0.5m<br>1.0m | 0.6m<br>1.0m | Native 1 drop<br>Locally native |
| Miscanthus Gracillimus                   | Mi       | Feather Grass         | 140mm                       | 4        | 2.0m         | 1.2m         | Exotic 1 drop                   |
| Myroporum parvifolium                    | Мр       | Creeping Boobialla    | 100mm                       | 21       | 0.2m         | 1.5m         | Locally native                  |
| Pandorea pandorana<br>Snowbells          | Рр       | Wonga Wonga Vine      | 140mm                       | 8        | -            | 3.0m         | Locally native                  |
| Pelargonium australe                     | Pa       | Coastal Geranium      | 100mm                       | 20       | 0.3m         | 0.3m         | Locally native                  |
| Plectranthus nico                        | Pn       | Nico plectranthus     | 140mm                       | 13       | 0.2m         | 0.2m         | Exotic 1 drop                   |
| Plectranthus<br>parviflorus              | PI       | Cockspur flower       | 140mm                       | 20       | 0.4m         | 0.4m         | Locally native                  |
| Senecio mandraliscae                     | Sm       | Blue Chalk sticks     | 100mm                       | 126      | 0.25m        | 0.6m         | Exotic 1 drop                   |
| Viola hederacea                          | Vh       | Native violet         | 100mm<br>@ 8/m <sup>2</sup> | 120      | 0.1m         | 1.0m         | Locally native                  |









PLUMERIA x 3



LIVISTONIA AUSTRALIS x 1 HOWEA FOSTERIANA x 1

ARCHONTOPHOENIX

CUNNINGHAMIANA x 1

BOUNDARY FENCE

ACMENA SMITHII x 1





AUSTRALIS x 1

HOWEA FOSTERIANA x 1





1.8m HIGH OPEN TIMBER—— FENCE TO ENCLOSE PRIVATE OPEN SPACE





T1 LAGUNARIA PATERSONII ON COUNCIL VERGE TO BE

RETAINED AND
PROTECTED
INACCORDANCE WITH
ARBORIST REPORT

CUNNINGHAMIANA

CITRIODORA TRIO NARRABEEN APARTMENTS No 142 Ocean St NARRABEEN NSW 2101

ARCHONTOPHOENIX

**CUNNINGHAMIANA** x 1

LOWER GROUND AND GROUND FLOOR TPZ PLAN AND PLANT SCHEDULE

APR 2021 1:100

A. Preliminary Issue 23/04/21

B. Preliminary issue for DA 07/06/21 C. Revised issue for DA 18/11/21

SITE BOUNDARY

DAL03C

PROPOSED TURF AREAS

RENDERED CONCRETE BLOCK WALLS

TILED AREA TO ARCHITECT SPEC

WITH METAL EDGING

# **SPECIFICATION NOTES**

#### SITE PREPARATION/SOIL WORKS

ALL EXISTING TREES MARKED FOR RETENTION SHALL BE PROTECTED FOR THE DURATION OF THE BUILDING WORKS. REMOVE FROM SITE ALL PERENNIAL WEEDS SUCH AS OX ALIS. ONION WEED AND THE LIKE.

NO REGRADING IS TO BE CARRIED OUT WITHIN THE DRIPLINE OF THE TREES TO BE RETAINED. WHERE EXCAVATION IS NECESSARY USE HAND METHODS TO AVOID DAMAGE TO THE ROOT SYSTEM. DO NOT CUT ROOTS GREATER THAN 50MM. CUT ROOTS CLEANLY WITH A SAW AND DO NOT SEAL THE WOUND.

## TREE PROTECTION

PROTECT ALL EXISTING TREES AS NOTED ON THE DRAWINGS FOR THE DUR ATION OF THE BUILDING WORKS.

TAKE ALL NECESSARY PRECAUTIONS, INCLUDING THE FOLLOWING:

## TREE PROTECTION FENCE:

INSTALL A TREE PROTECTION FENCE SYSTEM AT THE MAXIMUM RADIUS ALLOWABLE TO ACCOMMODATE THE PROPOSED DEVELOPMENT. MAINTAIN THE FENCE FOR THE DURATION OF THE BUILDING WORKS.

CONSTRUCT THE FENCE 1.8M HIGH WITH CHAINWIRE MESH ON STEEL POSTS. ALL AREAS WITHIN THE PERIMETER OF THE FENCE ARE TO BE COVERED TO A DEPTH OF 100MM WITH WOODCHIP MULCH.

## **TEMPORARY IRRIGATION:**

INSTALL A TEMPORARY IRRIGATION SYSTEM TO ALL TREES TO BE RETAINED. INSTALL DRIP EMITTERS ON POLY LATERALS. THE IRRIGATION SYSTEM IS TO BE CONTROLLED BY A GALCON OR SIMILAR AUTOMATIC CONTROLLER.

### **HARMFUL MATERIALS:**

DO NOT STORE, STOCKPILE, DUMP OR OTHERWISE REPLACE UNDER OR NEAR TREES, BULK MATERIALS AND HARMFUL MATERIALS INCLUDING OIL, PAINT, WASTE CONCRETE, CLEARINGS, BOULDERS AND THE LIKE. DO NOT PLACE SOIL FROM EXCAVATIONS AGAINST TREE TRUNKS, EVEN FOR SHORT PERIODS, PREVENT WIND-BLOWN MATERIALS SUCH AS CEMENT FROM HARMING TREES AND PLANTS.

PREVENT DAMAGE TO TREE BARK. DO NOT ATTACH STAYS, GUYS AND THE LIKE TO TREES.

## **WORK UNDER TREES:**

DAMAGE:

DO NOT REMOVE TOPSOIL FROM WITHIN THE DRIP LINE OF TREES UNLESS OTHERWISE SPECIFIED. IF IT IS NECESSARY TO EXCAVATIE WITHIN THE DRIP LINE, USE HAND MOTHODS SUCH THAT ROOT SYSTEMS ARE PRESERVED INTACT AND UNDAMAGED.

### **ROOTS**:

DO NOT CUT TREE ROOTS EXCEEDING 50MM DIAMETER UNLESS PERMITTED BY THE SUPERINTENDENT. WHERE IT IS NECESSARY TO CUT TREE ROOTS, USE A CHAIN SAW OR SIMILAR MEANS SUCH THAT THE CUTTING DOES NOT UNDULY DISTURB OR ROCK THE REMAINING ROOT SYSTEM. IMMEDIATELY AFTER CUTTING, APPLY AN APPROVED BITUMINOUS FUNGICIDAL SEALANT TO THE CUT SURFACE TO PREVENT THE INCURSION OF ROT OR DISEASE.

## COMPACTED GROUND

AVOID COMPACTION OF THE GROUND UNDER TREES. IF THE GROUND UNDER TREES HAS BEEN UNDULY COMPACTED DURING THE WORK UNDER THE CONTRACT, FOR EXAMPLE BY THE OPERATION OF HEAVY CONSTRUCTIONAL PLANT, LOOSEN THE SOIL BY CORING. SOIL WORKS

THOROUGHLY CULTIVATE THE SUBSOIL TO A DEPTH OF 150MM. SUPPLY AND INSTALL TO A DEPTH OF 300MM THE FOLLOWING SOIL MIX:

# SOIL DEPTH

100MM TURF **PLANTING** 300MM **SOIL MIX BLACK LOAM** 60% 40% COARSE WASHED RIVER SAND ORGANIC LAYER 50MM DEEP

CULTIVATE A 50MM LAYER OF ORGANIC ADDMIX INTO THE TOP 100MM OF SOIL

# **ADDMIX COMPOSITION**

TREATED HARDWOOD SAWDUST 30% 40% PINE PARK FINES COMPOSTED MANURE 30%

## **SOIL:** TESTS FOR IMPORTED SOIL WITH CERTIFICATE NOTING SUITABILITY OF EACH SOIL TYPE FOR ITS SPECIFIED USE, SIMILARITY TO NATURALLY OCCURING LOCAL SOIL, SUITABILITY TO ESTABLISHMENT, AND ON-GOING VIABILITY OF THE SITE SPECIFIED VEGETATION AND ABSENCE OF ANY WEED PROPAGULES OR CONTAMINANTS.

SAMPLES: SUBMIT REPRESENTATIVE SAMPLES OF EACH MATERIAL PACKED TO PREVENT CONTAMINATION AND LABELLED TO INDICATE SOURCE AND CONTENT, SAMPLES TO REMAIN ON SITE FOR THE DURATION OF THE CONSTRUCTION WORKS TREE PLANTING AREAS TO BE MOUNDED 300MM ABOVE THE EXISTING GROUND LINE TO IMPROVE DRAINAGE FROM PLANTING HOLES. TREE HOLES TO BE EXCAVATED TWO TIMES LARGER THANK THE ROOTBALL AND BACKFILLED WITH SOIL MIX AS SPECIFIED ABOVE.

SUPPLY AND PLACE 75MM LAYER OF HARDWOOD HORTICULTURAL GRADE MULCH, (GRADED IN SIZE 15MM x 15MM x 15MM, FREE FROM WOOD SLIVERS). SET DOWN 25MM FROM ADJACENT PAVING. **GRAVEL MULCH:** 

WHERE DETAILED SUPPLY AND PLACE 20MM ROUNDED WASHED NEPEAN RIVER GRAVEL TO A DEPTH OF 75MM.

#### ON SLAB PLANTERS **DRAINAGE LAYER**

AFTER WATERPROOFING OF PLANTERS (BY OTHERS) LAY DRAINAGE LAYER WHICH

- SHALL INCLUDE: 40MM ATLANTIS DRAINAGE CELL OR SIMILAR APPROVED
- FILTER FABRIC EQUIVALENT TO BIDIM A34 GEOFABRIC (2mm THICK NON WOVEN, NEEDLE PUNCHED CONTINUOUS FILAMENT JOR EQUAL
- 60mm DEPTH OF HYDROCELL RG30 OR WASHED RIVER SAND LAYER 50-100MM IN DEPTH IF WEIGHT AND SOIL

# DEPTH IS NOT AN ISSUE

# LIGHT WEIGHT SOIL MIX

HYDROCELL 40 PODIUM MEDIA MIX – A PROPRIETARY COMBINATION OF SCORIA IN TWO SIZE GRADES COMPOSTED PINE BARK AND HYDROCELL FLAKES CREATING A LIGHTWEIGHT NON HYDROPHOBIC LOW ORGANIC CONTENT MEDIA THAT IS STABLE OVER TIME.

ALTERNATIVELY A LIGHT WEIGHT SOIL MIX COULD BE USED AND SHALL BE COMPOSED OF THE FOLLOWING MATERIALS AND MIXED IN THE GIVEN PROPORTIONS TO PRODUCE A MATERIAL WITH A pH range of 6.0-6.5. INSTALL IN 100mm LAYERS AND LIGHTLY COMPACT BETWEEN LAYERS TO MAKE UP PROVIDED DEPTHS ALLOWABLE. THIS WILL SLUMP OVER TIME

- 30% BLACK LOAM • 30% DOUBLE WASHED COARSE RIVER SAND
- 20% BOTANY HUMUS
- 10% COMPOSTED BARK FINES 10% COMPOSTED HARDWOOD SAWDUST

## TURFED AREAS

APPLY SHIRLEYS NO17 LAWN FERTILISER TO SOIL IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS. TURF SHALL BE:

 SOFT LEAFED BUFFALO WITH AN EVEN THICKNESS OF 30MM DO NOT LET TURF DRY OUT. LIGHTLY TOP DRESS TURF SIX WEEKS AFTER LAYING WITH 10MM IMPORTED TOPSOIL. TURE IS TO BE LAID WITH STAGGERED JOINTS, FLUSH WITH PATHWAY **BRICK EDGE** 

ALL MASS PLANTED AREAS WHERE THEY ABUT GRASSED AREAS SHALL HAVE A BRICK EDGE UNLESS OTHERWISE STATED ON PLANS. MATCH BRICK TYPE TO THAT OF FACE BRICK USED ON BUILDING. IF NO FACE BRICK HAS BEEN USED, INSTALL BOWRAL BLUE FACE BRICK SET ON FLAT OVER MORTAR HAUNCH. ENSURE SMOOTH FINISH WHERE JOINING HARD SURFACES UNLESS NOTED OTHERWIUSE ON DRAWINGS.

## **PLANT MATERIALS**

ALL PLANTS SHALL BE TRUE TO TYPE, OF HEALTHY GROWTH DISEASE FREE NURSERY STOCK AND NOT DISPLAYING RESTRICTED GROWTH PATTERNS. SHOULD THERE BE A REQUIREMENT FOR SUBSTITUTIONS THEY SHALL NOT BE CHANGED WITHOUT PRIOR WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT. NO VARIEGATED CULTIVAR SHALL BE USED. ALLOW FOR SLOW RELEASE FERTILISER TO ALL PLANTS APPLIED AT THE MANUFACTURERS RECOMMENDED RATE TO BE SAME OR SIMILAR TO OSMOCOTE.

ALL TREE STOCK IS TO MEET REQUIREMENTS OF AS2303:2018 AND THE NATSPEC TREE SPECIFICATION GUIDE

## **FERTILIZER**

MASS PLANTED A REAS: ALLOW TWO SHIRLEYS SLOW RELEASE KOKEI PELLETS PER 5-35 LITRE PLANT AND ONE PER 150MM PLANTTURF AREAS. ALLOW SHIRLEYS NO 17 LAWN FERTILIZER OR EQUIVALENT APPLIED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS. STAKES AND TIES

DURABLE HARDWOOD, STRAIGHT, SIZE SHALL BE 50x50x1800 WITH TIES SPACED APPROXIMATELY 300MM APART. DRIVE STAKES 600MM INTO THE GROUND ON THE WINDWARD SIDE OF THE PLANT. TIES SHALL BE 50MM HESSIAN WEBBING FIXED IN A FIGURE

## PLANT ESTABLISHMENT PERIOD

OF EIGHT PATTERN.

FROM THE DATE OF PRACTICAL COMPLETION, THERE SHALL BE A PERIOD OF 52 WEEKS FOR THE PLANTING ESTABLISHMENT PERIOD. ANY FAILED PLANTS SHALL BE REPLACED WITH THE SAME TYPE AND SPECIES, THE MULCHED SURFACES SHALL BE MAINTAINED IN A NEAT AND TIDY CONDITION, STAKES AND TIES SHALL BE ADJUSTED AS REQUIRED AND THE TURF SHALL BE REGULARLY MOWED TO MAINTAIN A HEALTHY GROUND COVER. A CONSTANT WATER REGIME SHALL BE MAINTAINED TO ENSURE HEALTHY GROWTH OF ALL PLANT MATERIAL.

ALL PLANTING AREAS TO BE SUPPLIED WITH A FULLY AUTOMATIC DRIP IRRIGATION SYSTEM EQUIVALENT TO A 'NETAFIM'. THE IRRIGATION SYSTEM SHALL MEET ALL THE REQUIREMENTS OF THE WATER AND ELECTRICITY SUPPLY AUTHORITY AND RELEVANT AUSTRALIAN STANDARDS. PROVIDE RICHDEL OR SIMILAR APPROVED CONTROLLER. CONNECTION TO SYDNEY WATER MAINS TO BE THROUGH AN APPROVED REDUCED PRESSURE ZONE DEVICE INSTALLED TO WATER REGULATIONS.

## PLANTING MAINTENANCE

THE CONTRACTOR SHALL CARRY OUT AND FULLY IMPLEMENT THE SHORT TERM MAINTENANCE AND ESTABLISHMENT FOR A PERIOD OF 52 WEEKS ON COMPLETION OF THE SPECIFIED LANDSCAPE WORKS.

THROUGHOUT THE MAINTENANCE PERIOD CONTINUE TO CARRY OUT RECURRENT WORKS OF THE MAINTENANCE NATURE AS SPECIFIED ELSEWHERE IN THIS SPECIFICATION, INCLUDING BUT NOT LIMITED TO WATERING, MOWING, WEEDING, FERTILISING, PEST AND DISEASE CONTROL, PLANT REPLACEMENTS AND THE LIKE AS

WATERING: AS REQUIRED TO MAINTAIN THE BEST POSSIBLE CONDITIONS AND GROWTH RATES OF PLANT MATERIALS.

REPLACEMENTS: IMMEDIATELY REPLACE PLANTS WHICH DIE OR FAIL TO THRIVE OR ARE DAMAGED OR STOLEN WITH PLANTS OF THE SAME SPECIES AND OF SIMILAR SIZE AND QUANTITY UNLESS OTHERWISE SPECIFIED. PRUNING: REGULAR MAINTENANCE AND TRIMMING OF ALL SHRUBS AND TREES FOR

THEIR ONGOING HEALTH. ALL SHRUBS MUST BE PRUNED TO MAINTAIN CLEAR LINES OF SITE OVER SHRUBS FROM PATHWAYS AND PEDESTRIAN AREAS AND TO AVOID ANY PLANTS BEING USED AS A NATURAL LADDER TO GAIN ACCESS TO ANY HIGHER PARTS

ALL OTHER TREES ON THE SITE ARE TO BE APROPRIATELY PRUNED. TRIMMED AND MAINTAINED AS REQUIRED IN ACCORDANCE WITH AUSTRALIAN STANDARDS TO ENSURE PASSIVE SURVEILLANCE OF THE SITE IS NOT COMPROMISED AND THERE IS NO OPPORTUNITY FOR CLIMBING TREES TO GAIN ACCESS TO BALCONIES OR UNITS. MULCHED SURFACES: MAINTAIN IN A CLEAN AND TIDY CONDITION AND RE-INSTATE THE MULCH AS NECESSARY.

STAKES AND TIES: ADJUST AND/OR REPLACE AS REQUIRED. REMOVE AT THE END OF THE MAINTENANCE PERIOD IF DIRECTED.

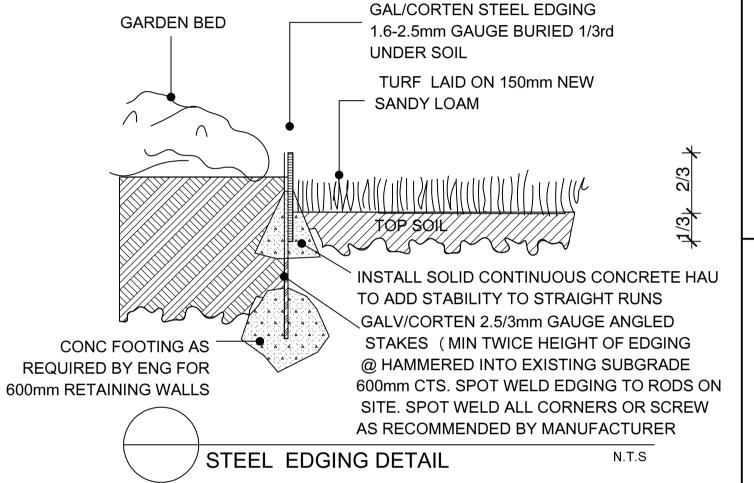
GRASSED AREAS: WATER AND WEED AS REQUIRED TO MAINT AIN A HEALTHY WEED FREE GROWTH. MOW AS REQUIRED TO MAINTAIN GRASS HEIGHT WITHIN THE RANGE OF 25-75MM, APPLY LAWN FERTILISER AT COMPLETION OF THE FIRST AND LAST MOWING AND AT OTHER TIMES AS NECESSARY TO MAINT AIN HEALTHY GRASS COVER CARRY OUT THE LAST MOWING AND FERTILISATION NOT LESS THAN SEVEN DAYS BEFORE THE END OF THE MAINTENANCE PERIOD. REMOVE GRASS CLIPPINGS FROM THE SITE.

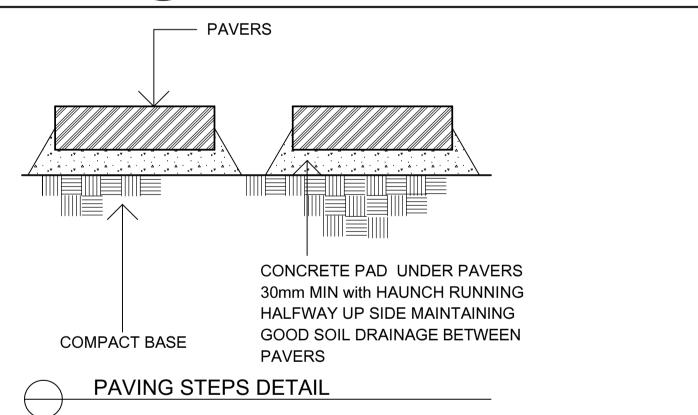
# STREET TREE MAINTENANCE

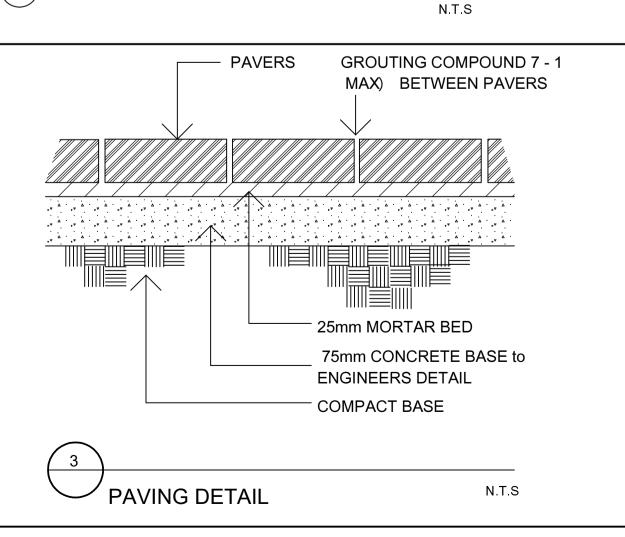
TREES MUST BE MAINTAINED FOR A PERIOD OF 12 MONTHS AS FOLLOWS: A. FORTNIGHTLY WATERING (MIN 20MIN PER TREE)

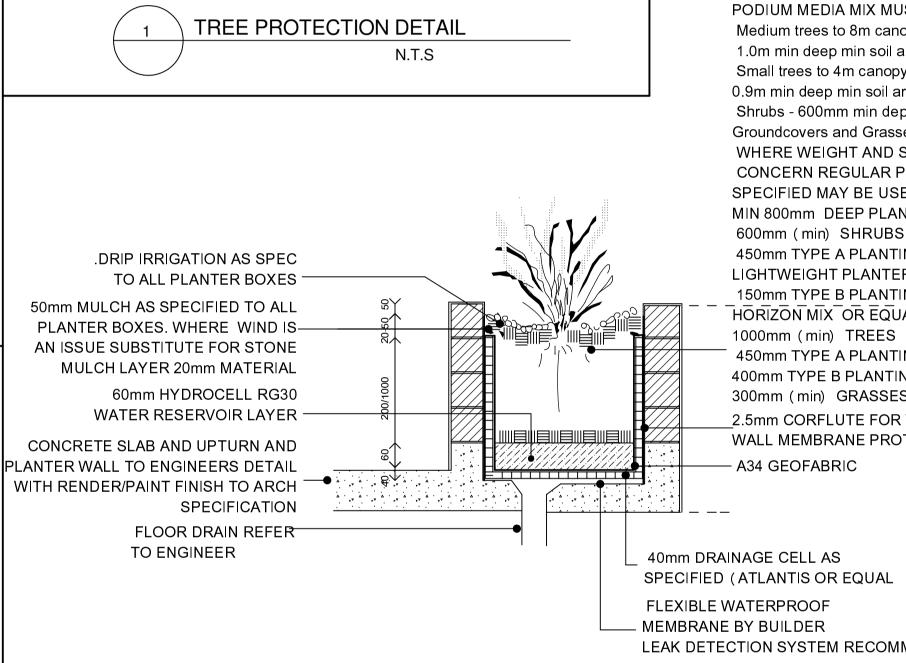
- B. MONTHLY SEASOL APPLICATIONS AT THE MANUFACTURERS SPEC AND
- C. STAKED TO PROVIDE STABILITY
- D. THE REPLACEMENT TREES MUST REACH A MATURE HEIGHT OF 8m E. ALL TREE STOCK MUST MEET THE SPECIFICATIONS OUTLINED IN AS2303:2018

### TREE STOCK MUST BE GROWN IN ACCORDANCE WITH AS2303:2018 100x38mm TREATED PINE OR FOULV RAIL FIXED TO POSTS WITH GALV 100x100x1800mm TREATED PINE OR FOUIV POSTS AT EDGE OF ROOTBALL IF REQUIRED TO PREVENT DAMAGE 50mm WIDE HESSIAN TIES (1) STAPLED TO REDUCE DEPTH OF MULCH AT STAKES ONLY IF VERY BASE OF PLANT WINDY SITE IMBER/STEEL GARDEN EDGING 75mm RECYCLED LEAF LITTER MULCH TO DIAMETER OF HOLE BREAK UP WALL AND BASE ENSURE TOP OF ROOT BALL IS LEVEL TO 100MM AND SCARIFY WITH SOIL AND LIGHTLY PRUNE (TAKE EDGE OF HOLE PRIOR TO 10mm OFF ALL ROOT TIPS PRIOR TO INFILLING-PLANTING **BACKFILL AND CONSOLIDATE** INCORPORATED 50/50 WITH TOPSOIL MIXTURE AND GARDEN SOIL 80/20 FERTILISER AS SPEC MIX TO SITE SOIL KONTI TREE FERTILIZER 2TABLETS INSTALL DRAINAGE TO BOTTOM OF HOLE IF POT PLANTING HOLE MUST BE SIZE IS GREATER THAN TOP 3x WIDER AND 100mm SOIL DEPTH DEEPER THAN ROOTBALL TREE PLANTING DETAIL N.T.S









MASS PLANTING DETAIL

AREA TO BE FREE OF

(SPEC. NOTES

HARMFUL MATERIALS (SEE

ALL AREAS WITHIN THE

PERIMETER OF THE FENCE

ARE TO BE MULCHED WITH

WOODCHIPS TO A DEPTH OF

TREE PROTECTION FENCES TO

BE INSTALLED AT THE MAXIMUM

RADIUS ALI OWABLE TO ACCOMMODATE THE PROPOSE

DEVELOPMENT. 1.8M HIGH

FENCE (CHAINWIRE MESH ON

as spec

INSTALL DRIP EMITTERS ON

PREVENT DAMAGE TO TREE

BARK. DO NOT ATTACH STAYS

**GUYS AND THE LIKE TO TREES** 

DO NOT REMOVE TOPSOIL

SEE SPEC. NOTES)

FROM WITHIN THE DRIP LINE

AVOID COMPACTION OF THE

**GROUND UNDER TREES (SEE** 

POLYLATERALS. (SEE SPEC

**CULTIVATE SUBGRADE TO 150mm** N.T.SWHERE WEIGHT AND POTENTIAL SLUMP Medium trees to 8m canopy dia - min soil volume 35m3

SPREAD MULCH TO A DEPTH OF 75mm

TO WATER POINT NOMINATED ON PLAN

WIDE & DEEPER THAN PLANT CONTAINER

**■**XCAVATE TO 300mm BELOW FINISHED

LEVELS BACKFILL AND CONSOLIDATE

WITH TOPSOIL MIXTURE AND

.FERTILIZER AS SPECIFIED

INSTALL DRIP IRRIGATION AS SPECIFIED TO

@ MANUF. SPEC PRIOR TO MULCHING (POLYPIPE

300mm CENTRES) TO ALL GARDEN AREAS LINKED

**EXCAVATE PLANTING HOLE NOT LESS THAN 100mm** 

REDUCE DEPTH AT BASE OF PLANT

ARE AN ISSUE PLANTER SOIL MIX HYDROCELL PODIUM MEDIA MIX MUST BE USED 40 1.0m min deep min soil area 6m x 6m Small trees to 4m canopy dia - min soil volume 9m3 0.9m min deep min soil area 3.5m x 3.5m Shrubs - 600mm min depth Groundcovers and Grasses - 300mm min depth WHERE WEIGHT AND SLUMPING IS NOT A CONCERN REGULAR PLANTER SOIL MIX AS SPECIFIED MAY BE USED MIN 800mm DEEP PLANTERS ONLY 450mm TYPE A PLANTING MEDIUMHILLS LIGHTWEIGHT PLANTER MIX OR EQUAL 150mm TYPE B PLANTING MEDIUM HILLS B HORIZON MIX OR EQUAL

450mm TYPE A PLANTING MEDIUM 400mm TYPE B PLANTING MEDIUM 300mm (min) GRASSES & GROUNDCOVERS 2.5mm CORFLUTE FOR VERTICAL PLANTER WALL MEMBRANE PROTECTION

large trees to 16m canopy dia - min soil volume 150m3

LEAK DETECTION SYSTEM RECOMMENDED N.T.S

1.3m min deep min soil area 10m x 10m Medium trees to 8m canopy dia - min soil volume 35m3 1.0m min deep min soil area 6m x 6m Small trees to 4m canopy dia - min soil volume 9m3 0.9m min deep min soil area 3.5m x 3.5m .DRIP IRRIGATION AS SPEC Shrubs - 600mm min depth TO ALL PLANTER BOXES Groundcovers and Grasses - 450mm min depth 40mm MULCH AS SPECIFIED TO ALL WHERE WEIGHT AND POTENTIAL SLUMP ARE AN ISSUE PLANTER BOXES. WHERE WIND IS PLANTER SOIL MIX AN ISSUE SUBSTITUTE FOR STONE HYDROCELL 40 PODIUM MEDIA MIX MULCH LAYER 20mm MATERIAL 2.5mm CORFLUTE FOR VERTICAL PLANTER - WALL MEMBRANE PROTECTION POT AS SPECIFIED IN - A34 GEOFABRIC **TENDER** 

20mm DRAINAGE CELL AS SPECIFIED ATLANTIS OR EQUAL TO ALLOW-

WATER TO FREELY DRAIN THROUGH PLANTER POT DRAINAGE HOLES

N.T.S

POT DETAIL FOR TERRACES WITH WEIGHT ISSUES

Amendments **JUNE 2021** :date C. Revised issue for DA 18/11/21 NTS

:scale

60mm HYDROCELL RG30

WATER RESERVOIR LAYER

PLANTER BOX

A. Preliminary Issue 23/04/21 B. Preliminary issue for DA 07/06/21

DAL04C

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:project **SPECIFICATION & DETAILS** 

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