

TREE TO BE RETAINED

TEMPORARY PROTECTIVE

TO GO AROUND DRIPLINE

MAINTAIN ADEQUATE SOIL

MULCH TO DEPTH OF 100MM &

MOISTURE LEVELS AT BASE OF

TREE. REFER ARBORIST REPORT.

FENCING AS SPECIFIED.

EXTENT OF FENCING

- TREE TO BE RETAINED

& PROTECTED.

TIMBER PLANKS.

- HOOP STRAPPING

@ 300MM CENTRES.

100mm X 50mm X 2000mm.

PREVENT SOIL COMPACTION AT PRIMARY ROOT ZONE.

REFER ARBORIST REPORT.

& PROTECTED.

GENERALLY

PROGRAM.

SITE PREPARATION

OUTLETS/HOLES.

INSTALLATION OF SOIL MIX.

IMPORTED SOIL MIX

- 20% AUSTRALIAN PEAT

- 30% KENTHURST BLACK LOAM

- 10% COMPOSTED BARK FINES

500GMS CALCIUM NITRATE

- 500GMS POTASSIUM SULPHATE

- 30% DOUBLE WASHED COARSE SAND

- 10% COMPOSTED HARDWOOD DUST

- 750GMS SUPERPHOSHATE MICRO FINE

- 1 KG SLOW RELEASE NUTRICOTE

- 1 KG IBDU (NITROGEN SLOW RELEASE)

THE CONTRACTOR SHALL PLACE ORDERS FOR THE DELIVERY OF ALL MATERIALS,

SUPPLIERS GUARANTEE DELIVERY AT ALL TIMES TO ACCORD WITH THE CONSTRUCTION

ENSURE ALL PROVISIONS FOR LANDSCAPE TO BE PROVIDED BY THE BUILDER ARE

COMPLETE AND ALL CONTRACTORS RUBBISH AND DEBRIS IS REMOVED;

FOR ON-SLAB AREAS INSTALL AN APPROVED 'DRAINAGE CELL' PRODUCT TO

OVER DRAINAGE CELL TO ON-SLAB AREAS, A POLYFELT GEOTEXTILE LINING (AS

SUPPLIED BY 'POLYFELT TS' OR APPROVED EQUIVALENT) IS TO BE INSTALLED TO

INSTALL MIN. 50MM COARSE RIVER SAND OVER ALL GEOTEXTILE LINING PRIOR TO

A QUALIFIED AND APPROVED ABORIST IS TO BE CONTRACTED TO UNDERTAKE OR

MANAGE THE INSTALLATION OF PROTECTIVE FENCING, AND TO UNDERTAKE SUCH

MEASURES AS HE DEEMS APPROPRIATE TO PRESERVE THE SUBJECT TREES TO BE

LIGHTWEIGHT SOIL MIX SHALL BE COMPOSED OF THE FOLLOWING MATERIALS AND

MIXED IN THE GIVEN PROPORTIONS TO PRODUCE A MATERIAL WITH A PH 6.0-6.5

RETAINED. THE ARBORIST IS TO BE RETAINED FOR THE ENTIRE CONTRACT PERIOD TO

COVER THE BOTTOM OF ALL PLANTERS, TURNED UP 300MM AND TAPED TO THE

PLANTER SIDES TO ENSURE SOIL MIX DOES NOT ESCAPE INTO DRAINAGE

DRAINAGE CELL AND FILTER FABRIC

COMPREHENSIVELY COVER THE BOTTOM OF ALL PLANTERS.

ABORIST MANAGEMENT OF TREE PROTECTION

UNDERTAKE ONGOING MANAGEMENT AND REVIEW OF THE TREES.

IMPORTED LIGHTWEIGHT SOIL MIX FOR ON-SLAB AREAS AND POTS:

SOIL MIX PER CUBIC METRE SHALL CONSIST OF:

FERTILISER PER CUBIC METRE SHALL CONSIST OF

SUPPLIES, ETC., IMMEDIATELY AFTER SIGNING THE CONTRACT AND ENSURE THE

Symbol	Botanical Name	Common Name	Mature H x W (m)	Pot size	Spacing
Li	Lagerstroemia indica	Crepe Myrtle	6 x 3	100 lt	as shown
Ee	Eleaocarpus eumundii	Quandong	8 x 3	100 lt	as shown
ML	Magnolia grandiflora 'Little Gem'	Dwarf Magnolia	5 x 3	100 lt	as shown
П	Tristaniopsis laurina	Watergum	12 x 8	100 lt	as shown
Wf	Waterhousia floribunda	Weeping Lily Pilly	15 x 5	100 lt	as shown
Large Sh	irub Planting				
Asm	Acmena smithii 'Minor'	Lilypilly	2 x 1.5	300mm	as shown
CvM	Callistemon viminalis 'Macarthur'	MacCarthur Bottlebrush	1.8 x 1.5	300mm	as shown
CvR	Callistemon viminalis 'Red Alert'	Red Alert Bottlebrush	2 x 1.5	300mm	as shown
Ga	Gardenia augusta 'Florida'	Gardenia	1 x 1.5	300mm	as shown
Gr	Grevillea rosmarinifolia	Rosemary Grevillea	1.5 x 1.5	300mm	as shown
MT	Metrosideros 'Tahiti'	New Zealand Christmas Bush	1 x 1	300mm	as shown
Мр	Murraya paniculata	Orange Jessamine	3 x 2	300mm	as shown
Sa	Syzygium australe Elite	Scrub Cherry	3 x 1.5	300mm	as shown
Vt	Viburnum tinus	Laurustinus	3 x 2	300mm	as shown
WWG	Westringia 'Wynyabbie Gem'	Wynyabbie Rosemary	1 x 1	300mm	as shown
Small Sh	⊥ nrub Planting				
AA	Acmena 'Alleyn Magic'	Dwarf Acmena	0.9 x 0.9	150mm	as shown
Cc	Convolvulus cenorum	Silver Bush	0.4 x 0.7	150mm	as shown
PM	Pittosporum tobira 'Miss Muffet'	Dwarf Pittosporum	0.8 x 0.5	150mm	as shown
Pр	Plectranthus parviflorus 'Blue Spires'	Blue Spires Plectranthus	0.6 x 0.6	150mm	as shown
Pl	Plectranthus 'Mona Lavender'	Mona Lavender	0.8 x 0.6	150mm	as shown
Sa	Syzygium australe 'Tiny Trev'	Dwarf Lilly Pilly	0.7 x 0.5	150mm	as shown
Accent S	hrubs				
Cr	Cycas revoluta	Japanese Sago	1.5 x 1.5	300mm	as shown
De	Doryanthes excelsa	Gymea Lily	3 x 2	300mm	as shown
PBB	Phormium 'Bronze Baby'	Bronze NZ Flax	0.7 x 0.8	150mm	as shown
Sr	Strelitzia reginae	Bird of Paradise	1.2 x 1.5	300mm	as shown
Grasses	 & Groundcovers				
ABG	Anigozanthos 'Bush Gold'	Kangaroo Paw	0.9 x 0.5	150mm	
Сар	Carex appressa	Tall Sedge	0.6 x 0.4	150mm	
DB	Dianella 'Breeze'	Breeze Flax Lily	0.7 x 0.6	150mm	groundcove and grasse
DSS	Dianella 'Silver Streak'	Silver Streak Flax Lily	0.5 x 0.2	150mm	
LJR	Liriope muscari 'Just Right'	Turf Lily	0.5 x 0.5	150mm	planted at
LfM	Lomandra filiformis Mondra	Mat rush	0.15 x 0.2	150mm	6/m2 unles
PN	Pennisetum 'Nafray'	Swamp Foxtail	0.8 x 0.8	150mm	stated
П	Trachelopsermum 'Tricolor'	Variegated Star Jasmine	0.3 x 1	150mm	
Tj	Trachelospermum jasminoides	Star Jasmine	0.3 x 0.5	150mm	

LANDSCAPE SPECIFICATION NOTES

PLANT MATERIAL

ALL PLANTS SHALL BE WELL GROWN, DISEASE FREE NURSERY STOCK, AND TRUE TO SPECIES TYPE. NO SPECIES SHALL BE SUBSTITUTED WITHOUT THE APPROVAL OF THE SUPERINTENDENT. NO VARIEGATED STRAIN SHALL BE USED UNLESS NOMINATED.

ALL PLANTS SHALL BE OF THE SIZE AND QUALITY CONSISTENT WITH THE NORMAL INDUSTRY EXPECTATION FOR THE NOMINATED CONTAINER SIZE. PLANTS NOT CONSISTENT WITH THE ABOVE MAY BE REJECTED WITH REPLACEMENT STOCK SUBJEC TO THE APPROVAL OF THE SUPERINTENDENT.

ALLOW TWO AGRIFORM SLOW RELEASE PELLETS PER 5-25 LITRE PLANT AND ONE PER 150MM PLANT. ALL FERTILISER IS TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.

MULCH TO MASS PLANTING AREAS AND STREET TREES INSTALL 75MM THICKNESS OF GRADED PINE BARK AS SUPPLIED BY AUSTRALIAN NATIVE LANDSCAPES P/L OR APPROVED EQUIVALENT. ALL MULCH SHALL BE FREE OF VEGETATIVE REPRODUCTIVE PARTS OF

IRRIGATION SYSTEM

SUPPLY AN AUTOMATIC WATERING SYSTEM USING 'TORO IRRIGATION SYSTEM' OR SIMILAR APPROVED, WITH MICRO-JET SPRINKLER HEADS AND LOW DENSITY, RUBBER MODIFIED POLYPROPYLENE RETICULATION, TO INCLUDE FILTERS, BENDS JUNCTIONS, ENDS AND OTHER ANCILLARY EQUIPMENT. THE LANDSCAPER SHALL NOMINATE HIS SOURCE OF SUPPLY FOR THE WATERING SYSTEM AND OBTAIN APPROVAL FROM THE SUPERINTENDENT BEFORE PLACING ORDERS FOR EQUIPMENT OR SUPPLY.

A SCHEMATIC PLAN OF THE PROPOSED IRRIGATION SYSTEM IS TO BE PREPARED BY THE CONTRACTOR, SHOWING SOLENOIDS, PIPE DIAMETERS, AND ALL NOZZLE AND TRICKLE ATTACHMENT TYPES (INCLUDING SPRAY/HEAD ANGLE), FOR REVIEW BY THE SUPERINTENDENT PRIOR TO INSTALLATION

THE CONTRACTOR IS TO LIASE WITH THE HYDRAULIC ENGINEER AND COUNCIL AS NECESSARY, TO ENSURE THE THE IRRIGATION SYSTEM CONFORMS WITH ALL THE COUNCIL AND WATER BOARD CODES AND REQUIREMENTS.

PROVIDE AN AUTOMATIC CONTROLLER THAT PROVIDES FOR TWO WEEK SCHEDULING AND HOURLY MULTI-CYCLE OPERATION. THE CONTROLLER SHALL MANUAL OVERRIDE. PROGRAMMING SHALL BE UNDERTAKEN BY THE CONTRACTOR WHO SHALL ADVISE ON THE OPERATION OF THE SYSTEM.

PROVISION OF SECURE HOUSING FOR THE AUTOMATIC IRRIGATION CONTROLLER TO BE LOCATED IN ASSOCIATION WITH THE LANDSCAPE CONTRACTOR AND LOCATION CONFIRMED BY THE SUPERINTENDENT. WIRING TO CONNECT REMOTE SOLENOID LOCATIONS IS TO BE PROVIDED. THE CONTROLLER SHALL BE LOCATED IN A DRY PLACE, PROTECTED FROM THE WEATHER, AND ALL CABLE CONNECTIONS SHALL BE

MADE WITH WATERPROOF CONNECTORS.

WATER SUPPLY POINTS TO BE SUPPLIED BY BUILDER.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE AND GUARANTEE SATISFACTORY OPERATION OF THE IRRIGATION SYSTEM.

AFTER THE SYSTEM HAS BEEN INSTALLED TO THE SATISFACTION OF THE SUPERINTENDENT, THE INSTALLATION SHALL BE TESTED UNDER KNOWN WORKING CONDITIONS. ACCEPTANCE OF THE INSTALLED PLANT AND EQUIPMENT SHALL BE SUBJECT TO THESE BEING SATISFACTORY.

TURF

TURF ALL LANDSCAPE AREAS AS SHOWN ON THE LANDSCAPE DRAWINGS. TURF IS TO HAVE AN EVEN THICKNESS OF NOT LESS THAN 25mm. OBTAIN TURF FROM AN APPROVED GROWER. FURNISH A WARRANTY FROM THE GROWER THAT THE TURF IS FREE FROM WEEDS AND OTHER FOREIGN MATTER. DELIVER TURF TO THE SITE WITHIN 24 HOURS OF BEING CUT, AND LAY IT WITHIN 24 HOURS OF BEING DELIVERED.

TO PREPARE GRADED AREAS TO RECEIVE TURF, EXCAVATE THE AREA AND CULTIVATE SO AS TO ALLOW FOR IMPORTING OF 100mm OF TURF UNDERLAY SOIL. REMOVE ALL STONES OVER 50mm Ø AND REMOVE ALL WEEDS AND FOREIGN MATTER. SPREAD SOIL MIX A.B.S TO A DEPTH OF 100mm AND GRADE TO APPROPRIATE LEVELS TO ACHIEVE GENERAL EVEN GRADES TO DRAINAGE OUTLETS INSTALLED BY OTHERS.

LAY THE TURF ALONG THE LAND CONTOURS WITH STAGGERED, CLOSE BUTTED JOINTS, SO THAT THE FINISHED TURF SURFACE IS FLUSH WITH ADJACENT FINISHED SURFACES OF PAVING AND THE LIKE. AS SOON AS PRACTICABLE AFTER LAYING, ROLL THE TURF WITH A ROLLER WEIGHING NOT MORE THAN 90kg PER METRE OF WIDTH FOR SANDY OR LIGHT SOILS.

WATER AS NECESSARY TO KEEP THE SOIL MOIST TO A DEPTH OF 100MM. PROTECT NEWLY TURFED AREAS AGAINST TRAFFIC UNTIL GRASS IS ESTABLISHED. FERTILISE TWO WEEKS AFTER LAYING FERTILISE A.B.S

'TOP DRESS' THE TURF WHEN IT IS ESTABLISHED TO A DEPTH OF 10MM WITH COARSE WASHED RIVER SAND. RUB THE DRESSING WELL INTO THE JOINTS AND CORRECT ANY UNEVENNESS IN THE TURF SURFACES.

MAINTENANCE

THE CONTRACTOR SHALL MAINTAIN THE CONTRACT AREAS BY THE IMPLEMENTATION OF INDUSTRY ACCEPTED HORTICULTURAL PRACTICES, AS WELL AS RECTIFYING ANY DEFECTS THAT BECOME APPARENT IN THE WORKS UNDER NORMAL USE.

THE CONTRACTOR SHALL MAINTAIN THE WORKS AND MAKE GOOD ALL THE DEFECTS.

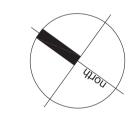
LANDSCAPE MAINTENANCE SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING: WATERING, ADJUSTMENT OF THE IRRIGATION SYSTEM, RUBBISH REMOVAL, REPLACING FAILED PLANTS, MAINTAINING MULCH, PRUNING, INSECT AND DISEASE CONTROL, AND CLEANING OF THE SURROUNDING AREA.

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The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

B DEVELOPMENT APPLICATION CBM RS 29.08.2014 A FOR REVIEW AND COMMENT Issue Revision Description Drawn Check Date

LEGEND



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Landscape Architects

PRELIMINARY

LANDSCAPE DETAILS **SPECIFICATION NOTES &** INDICATIVE PLANT SCHEDULE

Job Number:

Drawing Number

502 B

SS14-2874

NOT FOR CONSTRUCTION

TREE PROTECTION PLANKS

DRIP LINE OF TREE

TREE PROTECTION FENCE

SCALE 1:50

SCALE 1:50



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B DEVELOPMENT APPLICATION FOR REVIEW AND COMMENT

CBM RS 29.08.2014 Drawn Check Date

EXISTING TREES TO BE RETAINED - REFER ARBORIST REPORT

EXISTING TREES TO BE REMOVED - REFER ARBORIST

PROPOSED TREE PLANTING -REFER PLANTING SCHEDULE FOR SPECIES SELECTION SHRUB & ACCENT PLANTING -REFER PLANTING SCHEDULE FOR SPECIES SELECTION

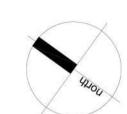
GROUNDCOVER PLANTING -REFER PLANTING SCHEDULE FOR SPECIES SELECTION PROPOSED TURF AREA

PAVING TYPE 1 HONED CONCRETE UNIT PAVING PAVING TYPE 2

SHOT BLAST CONCRETE UNIT PAVING **PAVING TYPE 3**

TENSION MEMBRANE CANOPY

1800 HIGH LAPPED TIMBER PALING BOUNDARY FENCE



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