



LEVEL 3 397 RILEY STREET SURRY HILLS NSW 2010 PO BOX 1074 BROADWAY NSW 2007 TEL: + (61) 2 8039 7461 INFO@CPSPLANNING.COM.AU

CIVIL, STRUCTURAL, HYDRAULIC, ELECTRICAL AND

**SPECIALIST WATER FEATURE WORKS:** Refer to specialist and consultant's drawings for all information contained within these documents relating to and nominated as specialist and consultant work. Specialist and consultant drawing information contained in the landscape documents are indicative only and not for construction or certification purposes.

Issue	Code	Issue Description	Ву	Chk	Date
Α	CA	FOR APPROVAL	TP	GT	07.11.19
P2	PRE	FOR CLIENT REVIEW	TP	GT	29.10.19
P1	PRE	FOR CLIENT REVIEW	TP	GT	16.10.19
PRE - P	reliminary	/ CA - Council Approval T - Ter	nder C	ON - C	onstruction

FLAT BUILDINGS

1-7 ANDERSON AVENUE & 12 EL ALAMEIN AVENUE LIVERPOOL

LANDSCAPE PLAN: GROUND FLOOR

BCL2 LIMITED

Bar Scale

1:150 @ A1 / 1:300 @ A3 sheet number D329\_LP\_01 REVISION





LEVEL 3 397 RILEY STREET SURRY HILLS NSW 2010 PO BOX 1074 BROADWAY NSW 2007 TEL: + (61) 2 8039 7461 CREATIVE**PLANNING**SOLUTIONS INFO@CPSPLANNING.COM.AU CPSPLANNING.COM.AU

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PROPOSED RESIDENTIAL

FLAT BUILDINGS 1-7 ANDERSON AVENUE & 12 EL ALAMEIN AVENUE LIVERPOOL

LANDSCAPE PLAN: LEVEL 3

BCL2 LIMITED

Bar Scale

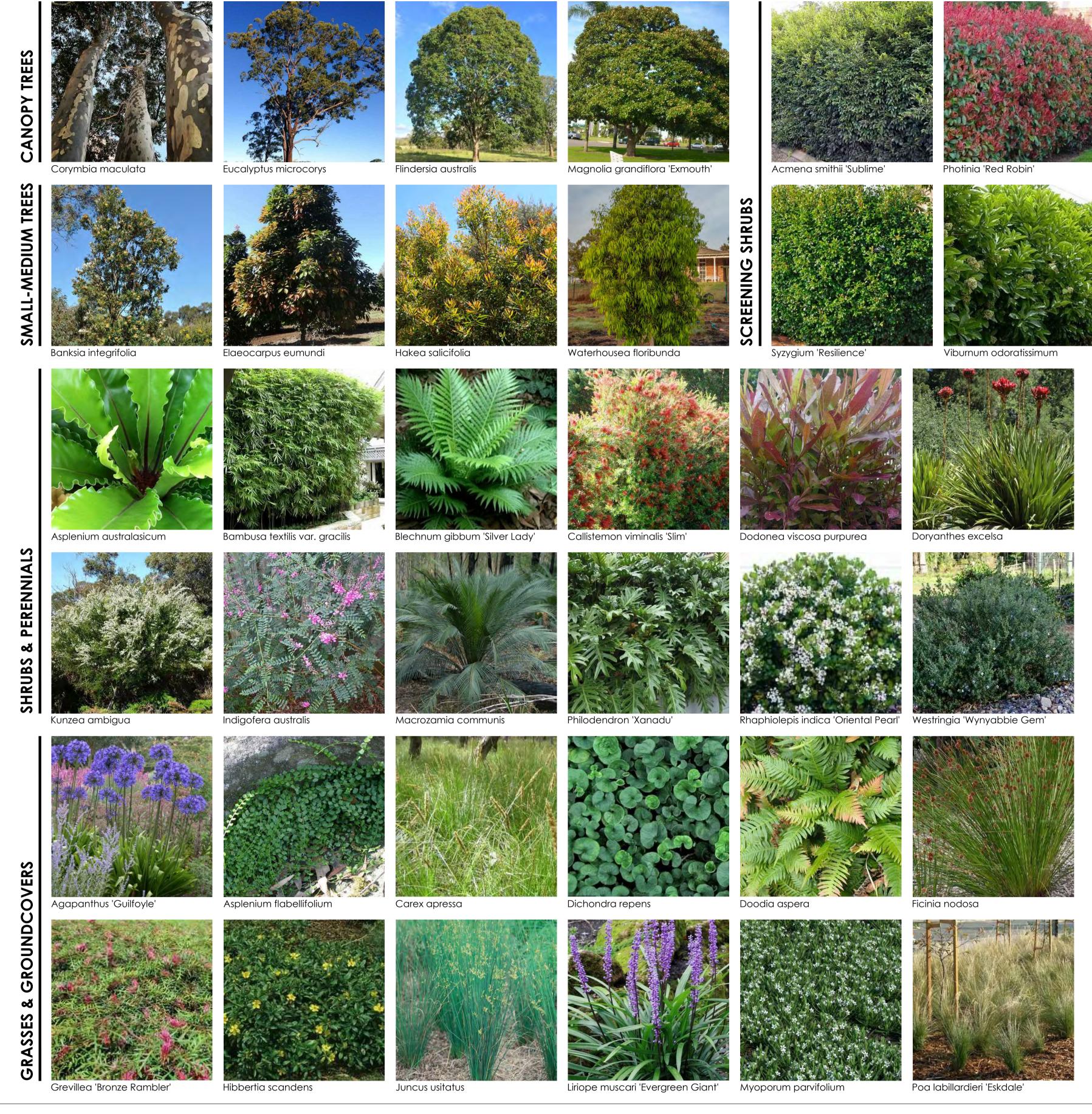
Designed : TP Project No.: D329

1:150 @ A1 / 1:300 @ A3 SHEET NUMBER D329\_LP\_02

REVISION

# **INDICATIVE PLANTING SCHEDULE:**

	NDERSON AVENUE	<u> </u>		SDACINO	DOT OUT
YM	BOTANICAL NAME	COMMON NAME	HEIGHT	SPACING	POT SIZE
SANOP'	Y TREES				
	Corymbia maculata	Spotted Gum	20m	As Shown	75L
	Eucalyptus microcorys	Tallowwood	25m	As Shown	75L
	Eucalyptus molucanna	Grey Box	25m	As Shown	75L
	Flindersia australis	Crows Ash	15m	As Shown	75L
	Lophostemon confertus	Brush Box	15m	As Shown	75L
	Magnolia grandiflora 'Exmouth'	Bull Bay Magnolia	12m	As Shown	75L
MALL -	- MEDIUM TREES	, ,			
	Banksia integrifolia	Coast Banksia	8m	As Shown	45L
	Ceratopetalum gummiferum	NSW Christmas Bush	6m	As Shown	45L
	Citrus sinensis 'Washington Navel'	Orange	4m	As Shown	45L
	Corymbia eximia	Yellow Bloodwood	10m	As Shown	45L
	Elaeocarpus eumundi	Eumundi Quandong	8m	As Shown	45L
	·				
	Elaeocarpus reticulatus	Blueberry Ash	8m	As Shown	45L
	Hakea salicifolia	Willow-leafed Hakea	5m	As Shown	45L
	Magnolia grandiflora 'Little Gem'	Magnolia	5m	1.5m	300mm
	Waterhousea floribunda	Weeping Lilly Pilly	10m	As Shown	45L
CREE	N SHRUBS				
	Acmena smithii 'Sublime'	Lilly Pilly	3m	1.2m	300mm
_	Murraya paniculata	Orange Jessamine	4m	1.2m	300mm
	Photinia 'Red Robin'	Photinia	3m	1.2m	300mm
	Pittosporum tenuifolium 'James Stirling'	Pittosporum	2.5m	1.2m	300mm
	Syzygium 'Resilience'	Lilly Pilly	3m	1.2m	300mm
	Viburnum odoratissimum	Sweet Viburnum	3m	1.2m	300mm
HRUR	S & PERENNIALS		• • • • • • • • • • • • • • • • • • • •		
יםטאוויה	Arthropodium cirratum	NZ Rock Lily	0.5m	2/m²	200mm
	'	Birds Nest Fern	1m	1/m²	200mm
	Asplenium australasicum				
	Bambusa textilis var. gracilis	Bamboo 'S. Weavers'	4m	750mm	300mm
	Blechnum gibbum 'Silver Lady'	Silver Lady Fern	1m	1.2m	200mm
	Callistemon viminalis 'Better John'	Bottlebrush	1.2m	1/m²	200mm
	Callistemon viminalis 'Slim'	Bottlebrush	2.5m	1.2m	200mm
	Dodonaea viscosa purpurea	Purple Hop Bush	2m	1.5m	200mm
	Doryanthes excelsa	Gymea Lily	2m	1/m²	200mm
	Indigofera australis	Australian Indigo	2m	1/m²	200mm
	Kunzea ambigua	Tick Bush	3m	1/m²	200mm
	Macrozamia communis	Burrawang	1.5m	1/m²	300mm
	Philodendron 'Xanadu'	Philodendron	1m	2/m²	200mm
	Rhaphiolepis indica 'Oriental Pearl'	Indian Hawthorn	1.5m	1.5m	200mm
	Telopea speciosissima	Waratah	3m	1.5m	200mm
ND 4 0 0	Westringia 'Wynyabbie Gem'	Coast Rosemary	1.5m	1m	200mm
KASS	ES & GROUNDCOVERS	A	0.75	750	4.40
	Agapanthus 'Guilfoyle'	Agapanthus	0.75m	750mm	140mm
	Asplenium flabellifolium	Necklace Fern	0.1m	3/m²	75mm tube
	Carpobrotus glaucescens	Pigface	0.2m	2/m²	140mm
	Carex appressa	Tall Sedge	0.5m	5/m²	140mm
	Casuarina glauca 'Cousin It'	Prostrate Sheoak	0.3m	3/m²	140mm
	Dianella caerulea 'Breeze'	Blue Flax Lily	0.5m	3/m²	140mm
	Dichondra repens	Kidney Weed	0.1m	5/m²	140mm
	Doodia aspera	Prickly Rasp Fern	0.3m	7/m²	75mm tube
	Ficinia nodosa	Knobby Club Rush	0.7m	4/m²	140mm
	Grevillea 'Bronze Rambler'	Grevillea	0.3m	1/m²	140mm
	Hedera canariensis	Canary Islands Ivy	0.3m	1/m²	140mm
	Hibbertia scandens	Snake Vine	0.3m	2/m²	140mm
	Juncus usitatus	Common Rush	1m	3/m²	140mm
	Liriope muscari 'Evergreen Giant'	Liriope	0.8m	750mm	140mm
	Lomandra 'Tanika'	Mat Rush	0.7m	3/m²	140mm
	Myoporum parvifolium	Creeping boobialla	0.2m	2/m²	140mm
	Poa labillardieri 'Eskdale'	Tussock Grass	0.7m	3/m²	140mm





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PROJECT PROPOSED RESIDENTIAL FLAT BUILDINGS 1-7 ANDERSON AVENUE &

LIVERPOOL

PLANTING SCHEDULE & PALETTE 12 EL ALAMEIN AVENUE

DRAWING TITLE

CLIENT

BCL2 LIMITED

Drawn : TP Designed : TP Project No.: D329

SHEET NUMBER D329\_LP\_03

REVISION

## IRRIGATION SYSTEM

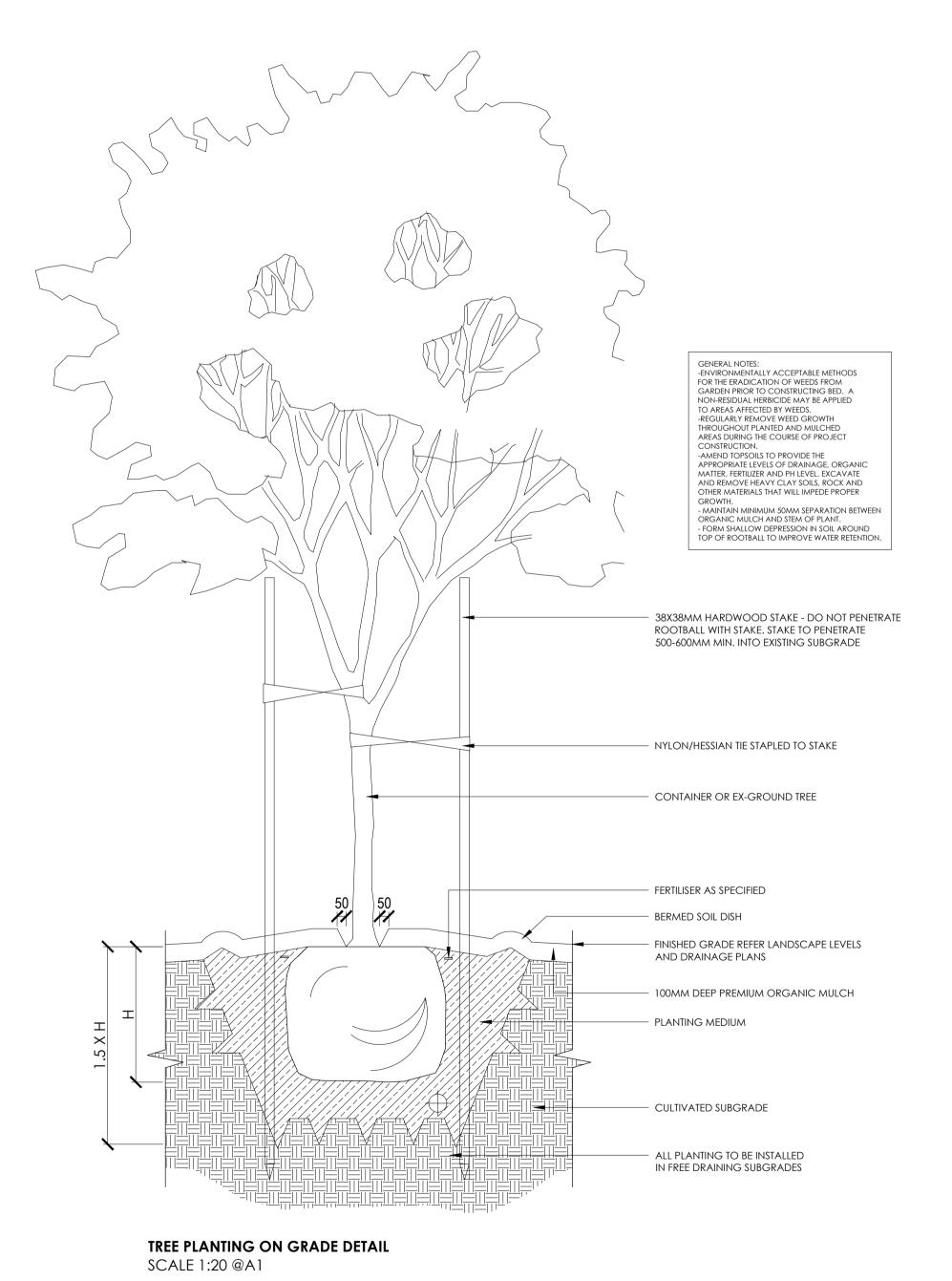
IRRIGATION SYSTEM: SUPPLY AN AUTOMATIC WATERING SYSTEM USING 'TORO IRRIGATION SYSTEM' OR SIMILAR APPROVED, WITH AREA-SPECIFIC SPRINKLER HEADS AND LOW DENSITY, RUBBER MODIFIED POLYPROPYLENE RETICULATION TO INCLUDE FILTERS, BENDS JUNCTIONS, ENDS AND OTHER ANCILLARY EQUIPMENT. A SCHEMATIC PLAN OF THE PROPOSED IRRIGATION SYSTEM IS TO BE PREPARED BY A SUITABLY QUALIFIED IRRIGATION CONTRACTOR; SHOWING SOLENOIDS, PIPE DIAMETERS, AND ALL NOZZLE AND TRICKLE ATTACHMENT TYPES (INCLUDING SPRAY/HEAD ANGLE), FOR REVIEW BY THE SUPERINTENDENT PRIOR TO

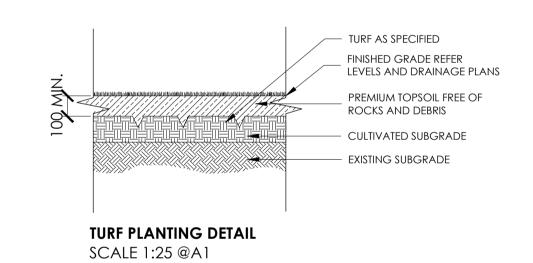
THE IRRIGATION CONTRACTOR IS TO LIAISE WITH THE HYDRAULIC ENGINEER AND COUNCIL AS NECESSARY TO ENSURE THE THE IRRIGATION SYSTEM CONFORMS WITH ALL COUNCIL AND WATER BOARD CODES AND REQUIREMENTS.

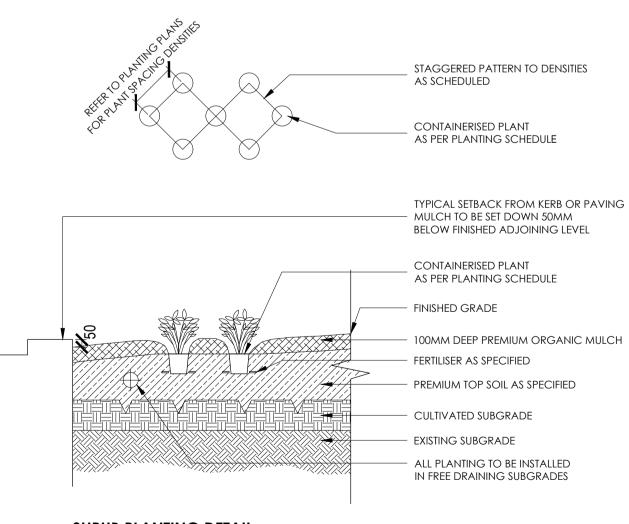
THE IRRIGATION SYSTEM IS TO INCLUDE AN AUTOMATIC CONTROLLER THAT PROVIDES FOR CUSTOMIZABLE SCHEDULING AND HOURLY MULTI-CYCLE OPERATION. THE CONTROLLER SHALL FEATURE A MANUAL OVERRIDE FUNCTION AND PROGRAMMING SHALL BE UNDERTAKEN BY THE IRRIGATION CONTRACTOR WHO SHALL ADVISE ALL RELEVANT PARTIES ON THE OPERATION OF THE SYSTEM. PROVISION OF SECURE HOUSING FOR THE AUTOMATIC IRRIGATION CONTROLLER IS TO BE POSITIONED IN A 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 ARE TO BE SUPPLIED BY THE BUILDER.

IT SHALL BE THE IRRIGATION 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.







PROJECT

#### SHRUB PLANTING DETAIL SCALE 1:25 @A1

## PRELIMINARY SPECIFICATION

BEFORE LANDSCAPE WORK IS COMMENCED THE LANDSCAPE CONTRACTOR IS TO ESTABLISH THE POSITION OF ALL SERVICE LINES AND ENSURE TREE PLANTING IS CARRIED OUT A SUFFICIENT DISTANCE AWAY FROM THESE SERVICES TO AVOID CONFLICT. SERVICE LIDS, VENTS AND HYDRANTS SHALL BE LEFT EXPOSED AND NOT COVERED BY ANY LANDSCAPE FINISHES (TURFING, PAVING, GARDEN BEDS ETC.) FINISH ADJOINING SURFACES FLUSH WITH PIT LIDS.

ARBORIST MANAGEMENT OF TREE PROTECTION

AN ARBORIST WITH MINIMUM AQF5 QUALIFICATIONS IS TO BE CONTRACTED TO UNDERTAKE OR MANAGE THE INSTALLATION OF PROTECTIVE FENCING AND TO UNDERTAKE SUCH MEASURES AS THEY DEEM APPROPRIATE TO PRESERVE THE SUBJECT TREES TO BE RETAINED. THE ARBORIST IS TO BE RETAINED FOR THE ENTIRE CONTRACT PERIOD TO UNDERTAKE ONGOING MANAGEMENT AND REVIEW OF THE TREES.

ENSURE AN ADEQUATE WATERPROOFING MEMBRANE TO ENGINEER'S DETAIL TO HAS BEEN APPLIED ALL PODIUM PLANTERS ON SITE. FOLLOWING APPLICATION OF THE MEMBRANE, CORFLUTE SHEETING IS TO BE APPLIED TO THE BOTTOM AND SIDES OF ALL PLANTERS TO PREVENT FUTURE RUPTURING. PODIUM PLANTERS ARE TO THEN INCLUDE AN APPROVED 'DRAINAGE CELL' PRODUCT TO COMPREHENSIVELY COVER THE BOTTOM OF THE STRUCTURE, OVER THE DRAINAGE CELL, A GEOTEXTILE LINING IS TO BE INSTALLED, TURNED UP 300MM AND TAPED TO THE PLANTER SIDES TO ENSURE SOIL MIX DOES NOT ESCAPE INTO DRAINAGE OUTLETS/HOLES. INSTALL MIN. 50MM COARSE RIVER SAND OVER ALL GEOTEXTILE LINING PRIOR TO INSTALLATION OF A SUITABLE PLANTER SOIL MIX.

RETAINING WALLS AND ASSOCIATED DRAINAGE MATERIAL IS TO BE CONSTRUCTED TO THE STRUCTURAL ENGINEER'S DETAIL.

**EXISTING SUB-GRADE IN PLANTING AREAS** 

TEST SUBSOIL DRAINAGE TO ALL TREE PLANTING POSITIONS AND PLANTING AREAS. IF NECESSARY EXCAVATE UNDER TREE PLANTING POSITION DOWN THROUGH IMPERMEABLE MATERIAL TO A PERMEABLE SUB-GRADE DEPTH. REMOVE EXCAVATED MATERIAL FROM SITE AND REPLACE WITH A POROUS MATERIAL AND SUITABLE GROWING MEDIUM FOR NOMINATED SPECIES. SETTLE BACKFILL TO PREVENT SUBSIDENCE.

CONSTRUCT FINISHED GRADES TO THE FINISHED LEVELS SHOWN ON THE CIVIL DRAWINGS. ENSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS. PLANTED AREAS AND PATHWAYS ARE TO DRAIN TO SPECIFIED DRAINAGE COLLECTION POINTS AS INDICATED ON THE HYDRAULIC ENGINEER'S DRAWINGS. ENSURE A MAXIMUM GRADE OF 1:4 TO ALL PLANTED AND TURFED AREAS DRAINAGE PITS

INSTALL METAL GRATE, PVC BODY DRAINAGE PITS AS INDICATED ON THE HYDRAULIC ENGINEER'S DRAWINGS. CONNECT PITS TO STORMWATER SYSTEM - BY PLUMBER.

PAVEMENT SETOUT AS PER SETOUT PLAN. FINISHED LEVELS, MATERIALS AND PAVING INSTALLATION TO ARCHITECT'S SPECIFICATION.

CULTIVATE ALL PLANTING AREAS AND SET DOWN SUB-GRADE TO ACCOMMODATE IMPORTED TOPSOIL TO BE INSTALLED TO A MINIMUM 300MM DEPTH. IF DEEMED SUITABLE BY THE LANDSCAPE ARCHITECT, IMPROVED SITE SOIL MAY BE USED IN PLACE OF IMPORTED TOPSOIL PENDING COMPLIANCE WITH THE PROVISIONS OUTLINED IN AS4419.

APPLY APPROVED ORGANIC MULCH (ANL 'FOREST FINES' OR SIMILAR) TO A DEPTH OF 75MM TO ALL PLANTED AREAS. ENSURE CLEARANCE TO PLANT STEMS AND RAKE TO AN EVEN SURFACE FINISHING 25MM BELOW ADJOINING LEVELS. ENSURE MULCH IS WATERED IN DURING INSTALLATION. FERTILISER:

FOR GENERAL PLANTED AREAS; APPLY APPROVED FERTILISER INTENDED FOR SLOW RELEASE OF PLANT NUTRIENTS OVER A PERIOD OF APPROXIMATELY NINE (9) MONTHS. THOROUGHLY MIX FERTILISER WITH PLANTING MIXTURE AT THE RECOMMENDED RATE AND IN ACCORDANCE WITH RECOGNISED HORTICULTURAL PRACTICE PRIOR TO INSTALLING PLANTS. FOR LAWN AREAS; APPROVED 'LAWN FOOD' OR EQUIVALENT SHALL BE THOROUGHLY MIXED THROUGH TOPSOIL PRIOR TO PLACING TURF. FOR ESTABLISHED TREE PLANTING; 'AGRIFORM PLANTING TABLETS' OR EQUIVALENT ARE TO BE APPLIED AT THE RECOMMENDED RATE WITHIN THE PLANTING MEDIUM ADJACENT TO THE BASE OF THE ROOT BALL AT TIME OF PLANTING. PLANT MATERIAL

ALL PLANTS SUPPLIED ARE TO CONFORM WITH THOSE SPECIES LISTED IN THE PLANT SCHEDULE ON THE LANDSCAPE DRAWINGS. GENERALLY PLANTS SHALL BE; VIGOROUS, WELL ESTABLISHED, HARDENED OFF, OF GOOD FORM CONSISTENT WITH SPECIES OR VARIETY, NOT SOFT OR FORCED, FREE FROM DISEASE OR PESTS, HAVE LARGE HEALTHY ROOT SYSTEMS AND NO EVIDENCE OF HAVING BEEN RESTRICTED OR DAMAGED. TREES SHALL HAVE A LEADING SHOOT. IMMEDIATELY REJECT DRIED OUT, DAMAGED OR UNHEALTHY PLANT MATERIAL BEFORE PLANTING. ALL STOCK IS TO BE CONTAINER GROWN FOR A MINIMUM OF SIX (6) MONTHS PRIOR TO DELIVERY TO SITE.

STAKING AND TYING STAKES SHALL BE STRAIGHT, UNPAINTED HARDWOOD FREE FROM KNOTS AND TWISTS, POINTED AT ONE END AND SIZED ACCORDING TO SIZE OF PLANTS TO BE STAKED.

A. 5 - 15 LITRE SIZE PLANT 1 x (1200X25X25MM) B. 35 - 75 LITRE SIZE PLANT 2 x (1500X38X38MM)

C. 100 - ≥200 LITRE 3 x (1800X50X50MM)

TIES SHALL BE 50MM WIDE HESSIAN WEBBING OR APPROVED EQUIVALENT NAILED OR STAPLED TO STAKE. DRIVE STAKES A MINIMUM ONE THIRD OF THEIR LENGTH (AVOIDING DAMAGE TO THE ROOT SYSTEM) ON THE

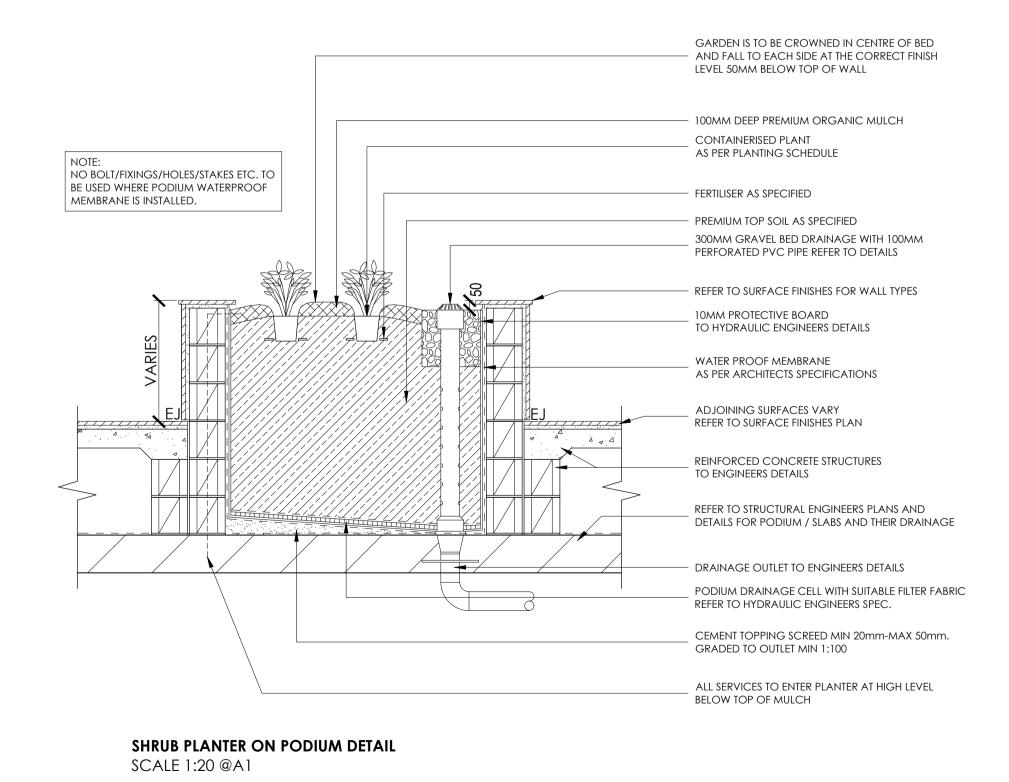
TURF IS TO BE OF A SPECIES CONSISTENT WITH THAT SHOWN ON THE LANDSCAPE DRAWINGS AND IS TO HAVE AN EVEN THICKNESS OF NOT LESS THAN 25MM, OBTAIN TURF FROM AN APPROVED GROWER, DELIVER TO SITE WITHIN TWENTY FOUR (24) HOURS OF BEING CUT, AND LAY WITHIN TWENTY FOUR (24) HOURS OF BEING DELIVERED. TO PREPARE 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 20MM Ø AS WELL AS ALL WEEDS AND FOREIGN MATTER. SPREAD TURF UNDERLAY SOIL TO A DEPTH OF 100MM AND GRADE TO APPROPRIATE LEVELS TO ACHIEVE GENERAL EVEN GRADES TO DRAINAGE OUTLETS INSTALLED BY OTHERS - TURF AREAS ARE TO HAVE MINIMUM 1:50 CROSSFALL TO ENSURE MINIMUM DRAINAGE REQUIREMENTS. TURF IS TO BE LAID ALONG RESOLVED 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, WATER AS NECESSARY TO KEEP THE SOIL MOIST TO A DEPTH OF 100MM, PROTECT NEWLY TURFED AREAS AGAINST TRAFFIC UNTIL GRASS IS ESTABLISHED. TWO (2) WEEKS AFTER INSTALLATION, APPLY APPROVED ORGANIC TOP DRESSING SOIL (ANL 'ORGANIC TOP DRESSING' OR SIMILAR) TO A DEPTH OF 15MM TO ALL TURFED AREAS. RUB THE DRESSING WELL INTO THE JOINTS AND CORRECT ANY UNEVENNESS IN THE TURF SURFACES.

TREATED PINE TIMBER EDGING TIMBER EDGE: 100 X 25MM H4 TREATED PINE.

TIMBER STAKES: 50 X 50 X 500MM H4 TREATED PINE-SHARPENED AT ONE END.

INSTALL IN LOCATIONS SHOWN ON THE DRAWINGS FLUSH TO FINISHED SURFACE LEVELS.

MARK TREES AND SHRUBS TO BE RETAINED WITH SUITABLE NON-INJURIOUS, EASILY VISIBLE AND REMOVABLE MEANS OF IDENTIFICATION CONSISTENT WITH THE TREE NUMBERING SYSTEM INDICATED ON THE LANDSCAPE DRAWINGS.



DRAWING TITLE

CLIENT

Drawn : TP Designed : TP Project No.: D329 Scale As Shown

**DETAILS &** 

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