

REVISION:	DATE:	DESCRIPTION:
A	24/04/26	FOR APPROVAL
B	14/05/26	FOR APPROVAL

BEFORE YOU DIG AUSTRALIA
www.BYDA.com.au

 SITE BOUNDARY
EXISTING ELEMENT TO BE REMOVED

 EXISTING TREE - RETAIN

 EXISTING TREE - REMOVE

 PROPOSED TREES
REFER PLANT SCHEDULE

 PROPOSED SHRUBS
REFER PLANT SCHEDULE

 GARDEN BED PLANTING
REFER PLANT SCHEDULE

 MULCH UNDER EXISTING TREES

 SYNTHETIC LAWN

 PLAIN CONCRETE PAVING

 DRIVEWAY/CARPAK PAVING
REFER TO ARCHITECT'S/ENGINEER'S INFORMATION

 600X600 UNIT PAVERS

 EXPOSED AGGREGATE PAVING

x 28.00

 EXISTING SPOT LEVELS

 PROPOSED FENCE
REFER TO ARCHITECT'S INFORMATION

 RAISED PLANTER WITH STONE CAPPING
450 H. RENDERED BLOCK WORK

 PROPOSED BENCH SEATING

 LINE OF BUILDING OVER

 RETAINING WALL

 POSSIBLE ART / WATER FEATURE

 PERGOLA SHADE STRUCTURE

 UMBRELLA

 EXISTING FENCE (RETAIN)
REFER TO SURVEY

PERMEABILITY	M2	%
PERMEABILITY	2574	21%
NON-POROUS	9670	79%
<i>TOTAL AREA</i>	<i>12,244</i>	

CANOPY COVERAGE SUMMARY	M2	%
<u>TOTAL REQUIRED CANOPY</u>	<u>2449</u>	<u>20%</u>
EXISTING CANOPY COVERAGE	988	8%
PROPOSED CANOPY COVERAGE	1478	12%
SUBTOTAL	2449	20%

CLIENT:
KNOWLES GROUP

PROJECT:
ARCARE LOVELY BANKS
215-227 PURNELL RD, LOVELY BANKS

TITLE:
LANDSCAPE CONCEPT PLAN

DRAWING NUMBER:
LC001

1:250 at A1
1:500 at A3

0 2 4 6 8 10 12m



RD LA

LANDSCAPE ARCHITECT
RDLA PTY LTD
INFO@RDLA.COM.AU

PLANT SCHEDULE

SYMBOL	BOTANICAL NAME	COMMON NAME	MATURE		INSTALLATION	SPACING	QTY	NATIVE
			HEIGHT	SPREAD	POT SIZE			
TREES								
Cci	<i>Corymbia citriodora</i> 'Scentuous'	Dwarf Lemon-scented Gum Tree	7m	3m	25L pot, 1.6m high	As shown	10	N
Cex	<i>Corymbia eximia</i> 'Nana'	Dwarf Yellow Bloodwood Tree	6-8m	4-6m	45L pot, 1.6m high	As shown	4	N
Eld	<i>Eucalyptus leucoxylon</i> 'Euky Dwarf'	Dwarf Flowering Yellow Gum	4-10m	4-5m	25L pot, 1.8m high	As shown	7	N
Elr	<i>Eucalyptus leucoxylon</i> 'Rosea'	Red Flowering Yellow Gum	12-15m	7m	45L pot, 2.0m high	As shown	1	N
Lin	<i>Lagerstroemia indica</i> 'Natchez'	Natchez Crepe Myrtle	5-8m	4-6m	45L pot, 1.6m high	As shown	20	
Lis	<i>Lagerstroemia indica</i> 'Sioux'	Pink Crepe Myrtle	4m	3m	45L pot, 1.6m high	As shown	14	
Mtb	<i>Magnolia grandiflora</i> 'Teddy Bear'	Southern Magnolia	4-5m	3m	45L pot, 1.8m high	As shown	38	
Pch	<i>Pistacia chinensis</i>	Pistacio Tree	6-8m	4-6m	45L pot, 2.0m high	As shown	7	
Tll	<i>Tristaniopsis laurina</i> 'Luscious'	Luscious Water Gum	6-8m	3-4m	45L pot, 2.5m high	As shown	15	N
SHRUBS								
Agr	<i>Abelia grandiflora</i> 'Nana'	Dwarf Abelia	1m	1m	300mm pot	As shown	50	
Asd	<i>Adenanthos sericeus</i> 'Dwarf'	Dwarf Woolly Bush	1m	1m	300mm pot	As shown	37	N
Cte	<i>Choisya ternata</i>	Mexican Orange Blossom	1-2m	1-2m	300mm pot	As shown	20	
Cba	<i>Correa baeuerlenii</i>	Chef's Cap Correa	1-2m	1-2m	200mm pot	As shown	43	N
Cgr	<i>Correa glabra</i> 'Red'	Rock Correa (Red Flowering Form)	1-2m	1-1.2m	300mm pot	As shown	55	N
Ckp	<i>Callistemon citrinus</i> 'Kings Park Special'	Kings Park Correa Special Bottlebrush	3-4m	2-3m	300mm pot	As shown	19	N
Gaf	<i>Gardenia augusta</i> 'Florida'	Florida Gardenia	1-2m	1-2m	300mm pot	As shown	41	
Gao	<i>Gardenia augusta</i> 'O So Fine'	O So Fine Gardenia	0.3m	1m	300mm pot	As shown	29	
Grg	<i>Grevillea</i> 'Robyn Gordon'	Robyn Gordon Grevillea	1-2m	1-2m	300mm pot	As shown	4	N
Mmm	<i>Murraya</i> 'Min a Min'	Dwarf Mock Orange	1m	1m	300mm pot	As shown	54	
Ndo	<i>Nandina domestica</i> Obsession 'SEIKA'	Nandina Obsession	0.6-0.7m	0.6-0.7m	300mm pot	4 per m2	20	
Rof	<i>Rosemarinus officianalis</i>	Rosemary	1-2m	2-3m	300mm pot	As shown	10	
Wfm	<i>Westringia fruticosa</i> 'Mundi'	Mundi Coast Rosemary	0.5m	1-1.5m	200mm pot	As shown	11	N
Wfn	<i>Westringia fruticosa</i> 'Naringa'	Naringa Coast Rosemary	1-2m	1-1.5m	300mm pot	As shown	68	N
GRASSES AND GROUNDCOVERS								
Abr	<i>Anigozanthos</i> 'Bush Ranger'	Kangaroo Paw	0.6m	0.5m	200mm pot	4 per m2	44	N
Ael	<i>Aspidistra elatior</i>	Cast Iron Plant	0.5m	0.5m	300mm pot	2 per 1m	49	
Dea	<i>Dianella tasmanica</i> 'Emerald Arch'	Emerald Arch Flax Lily	0.5m	0.5m	200mm pot	4 per m²	116	N
Dtt	<i>Dianella tasmanica</i> 'Tasred'	Tasred Flax Lily	0.5m	0.5m	200mm pot	4 per m²	327	N
Fno	<i>Ficinia nodosa</i>	Knobby Club Rush	0.5-1m	0.5-1m	140mm pot	4 per m²	40	N
Hvm	<i>Hardenbergia violacea</i> 'Meema'	Meema Purple Coral Pea	0.5m	1-2m	200mm pot	3 per m²	230	N
Lan	<i>Lavandula angustifolia</i>	English Lavender	1m	1m	200mm pot	3 per m²	21	
Lmj	<i>Liriope muscari</i> 'Just Right'	Just Right Lily Turf	0.5m	0.5m	200mm pot	6 per m²	248	
Llt	<i>Lomandra longifolia</i> 'Tanika'	Tanika Mat Rush	0.5-1m	0.5-1m	200mm pot	4 per m²	518	N
Lcl	<i>Lomandra confertifolia</i> 'Little Con'	Mat Rush	0.3m	0.5m	200mm pot	4 per m²	38	N
Par	<i>Plectranthus argentatus</i>	Silver Spurflower	0.5-1m	1.5m	140mm pot	3 per m2	221	
Pla	<i>Poa labillardierei</i>	Common Tussock Grass	0.3-1m	0.5-1m	200mm pot	4 per m²	246	N
Ple	<i>Poa labillardierei</i> 'Eskdale'	Eskdale Tussock Grass	0.6m	0.6m	200mm pot	4 per m²	220	N
Rop	<i>Rosemarinus officianalis</i> 'Prostrate'	Creeping Rosemary	0.3-0.5m	1-2m	200mm pot	2 per m²	26	
Taf	<i>Trachelospermum asiaticum</i> 'Flat Mat'	Flat Mat Star Jasmine	0.3m	1-2m	200mm pot	3 per m²	86	
CLIMBERS								
Ppa	<i>Pandorea pandorana</i>	Wonga Vine	Climber	Climber	140mm pot	As shown	16	N

SPECIFICATION NOTES - SOFT WORKS & IRRIGATION

PREPARATION FOR PLANTING:
ENSURE THE SITE IS MADE SUITABLE FOR PLANTING.

REMOVE ALL CONSTRUCTION RELATED DEBRIS & RUBBISH & UNDESIRABLE MATERIAL PRIOR TO PLANT INSTALLATION. REMOVE LARGE ROCKS, STONES AND DEAD PLANT MATERIAL FROM SURFACE AND SOIL PROFILE TO A DEPTH OF 300MM.

WEED MANAGEMENT:
SPRAY ALL WEEDS WITH AN APPROVED HERBICIDE (IE 'SLASHER'). TREATED AREAS SHALL BE LEFT UNTOUCHED FOR A PERIOD OF UP TO TEN (10) DAYS.
FOLLOWING HERBICIDE TREATMENT, REMOVE ALL VEGETATION WEED MATTER

CULTIVATION:
CULTIVATE SOIL AND ENSURE GRADED SOIL PROFILE IS SMOOTH , CONTINUOUS & NOT COMPACTED.

ACCURATELY LOCATE, PRIOR TO COMMENCEMENT OF RIPPING. ALL IN GROUND SERVICES AND ENSURE THAT THESE ARE NOT DISTURBED DURING CULTIVATION.

CULTIVATE EXISTING SUBGRADE. TO PLANTING AREAS (300MM DEPTH UNLESS SHOWN OTHERWISE ON THE DRAWINGS) PRIOR TO THE SPREADING OF IMPORTED TOPSOIL. CULTIVATE WITH GYPSUM AT A RATE OF 2.5KG/M2 OR AS PER MANUFACTURER'S REQUIREMENTS ON CLAY SOILS. 200MM DEPTH TO LAWN AREAS

CONTACT THE SUPERINTENDENT IN WRITING TO ARRANGE FOR AN INSPECTION OF THE CULTIVATED SUBGRADE PRIOR TO TOPSOILING. PROVIDE 48 HOURS NOTICE.

IMPORTED TOPSOIL:
SUPPLY AND INSTALL TOPSOIL TO ALL PLANTING AREAS / LAWN AREAS AS SHOWN ON THE DRAWINGS. ALLOW FOR COMPACTION AND SETTLEMENT AND FOR TOP DRESSING.

DEPTH GARDEN BEDS: 200mm (REFER DETAIL FOR GARDEN BEDS IN TREE PROTECTION ZONES)
DEPTH LAWN: 100mm

TOPSOIL SHOULD HAVE THE FOLLOWING CHARACTERISTICS:

- TEXTURE: MEDIUM TO HEAVY LOAM, I.E. CAPABLE OF HANDLING WHEN MOIST BUT LACKING COHESION SO THAT IT WILL BREAK APART EASILY;
- SLIGHTLY ACID TO NEUTRAL PH 6.0-7.0;
- STONE CONTENT: LESS THAN 5% BY DRY WEIGHT WITH STONE
- SIZE NOT EXCEEDING 25 MM. COMPOST 10% BY VOLUME

GARDEN BED MULCH:
SUPPLY AND INSTALL 75mm (GARDEN BEDS) AND 100mm (AROUND EXISTING TREES) SETTLED DEPTH OF MULCH OR APPROVED EQUIVALENT.
PRODUCT: SOILWORX RECYCLED MULCH OR APPROVED EQUIVALENT.
MONITOR ALL PLANTED AREAS TO ENSURE THAT REQUIRED DEPTH OF MULCH IS MAINTAINED UNTIL COMPLETION.
CONTRACTOR IS TO SUBMIT A 5KG BAG SAMPLE FOR APPROVAL, PRIOR TO DELIVERY TO SITE. ALL MULCH USED SHALL COMPLY WITH THE APPROVED SAMPLE.

GENERAL:
PLACE MULCH TO THE REQUIRED DEPTH, CLEAR OF PLANT STEMS, AND RAKE TO AN EVEN SURFACE FLUSH WITH THE SURROUNDING FINISHED LEVELS. SPREAD AND ROLL MULCH SO THAT AFTER SETTLING, OR AFTER ROLLING, IT IS SMOOTH AND EVENLY GRADED BETWEEN DESIGN SURFACE LEVELS SLOPED TOWARDS THE BASE OF PLANT STEMS IN PLANTATION BEDS, AND NOT CLOSER TO THE STEM THAN 50 MM IN THE CASE OF GRAVEL MULCHES.

IN MASS PLANTED AREAS:
PLACE AFTER THE PREPARATION OF THE PLANTING BED BUT BEFORE PLANTING AND OTHER WORK.

IN SMALLER AREAS (E.G. PLANTER BOXES): PLACE AFTER THE PREPARATION OF THE PLANTING BED, PLANTING AND OTHER WORK.

APPLICATION:
PLACE MULCH CLEAR OF PLANT STEMS, AND RAKE TO AN EVEN SURFACE FLUSH WITH THE SURROUNDING FINISHED LEVELS.
TO SURROUNDS OF PLANTS PLANTED IN RIPLINES AND GRASS AREAS, PROVIDE MULCH TO 750 MM DIAMETER.
SPREAD ORGANIC MULCH TO A DEPTH OF 75 MM, AND INORGANIC MULCH TO A DEPTH OF 50 MM.

PLANTING:
ALL PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE SUPERINTENDENT AND/OR LANDSCAPE ARCHITECT, PRIOR TO PLANTING.

ALL PLANT MATERIALS SHALL BE SUPPLIED FROM APPROVED NURSERIES AND TAGGED WITH THEIR CORRECT BOTANICAL NAME.

ALL PLANTS SHALL BE TRUE TO SPECIES AND THE BEST OF THEIR RESPECTIVE KINDS. THEY SHALL HAVE A WELL-DEVELOPED ROOT SYSTEM WITHIN THE POT/ROOT BALL (NOT POT BOUND) AND SHALL BE FREE FROM PESTS AND DISEASE. ALL PLANTS SHALL BE SUPPLIED AS SPECIFIED IN THE LANDSCAPE DRAWINGS. DIMENSIONS SPECIFIED IN THE PLANT SCHEDULE ON LANDSCAPE DRAWINGS ARE MINIMUM ONLY.

THE CONTRACTOR IS RESPONSIBLE FOR PRE-ORDERING THE ADVANCED TREES AND PLANTS IN POTS FROM AN APPROVED SUPPLIER UPON TENDER ACCEPTANCE AND ALLOW FOR GROWING UNTIL DELIVERY TO SITE. ADVANCED TREES AND TREES IN POTS (250MM / 300MM) SHALL HAVE STRAIGHT TRUNKS AND WHEN PLANTED BE OF A SATISFACTORY HEIGHT AND TRUNK CALLIPER DIAMETER TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT AND SUPERINTENDENT.

ANY PLANT SUBSTITUTIONS MUST BE APPROVED BY THE SUPERINTENDENT OR LANDSCAPE ARCHITECT, PRIOR TO DELIVERY ON SITE.

PLANT TREES AND SHRUBS AS SPECIFIED. TICKLE THE ROOTBALL OF EACH PLANT IN ORDER TO FREE ROOTS FROM POTTING MIXTURES. ENSURE THE SIZE OF PLANTING HOLES ARE THREE (3) TIMES THE WIDTH AND TWO (2) TIMES THE DEPTH OF THE ROOTBALL. ALL ADVANCED TREES ARE TO BE STAKED AS DETAILED.
WATER THOROUGHLY FOLLOWING PLANTING.

STAKES:
MATERIAL: HARDWOOD, STRAIGHT, FREE FROM KNOTS OR TWISTS, POINTED AT ONE END.
INSTALLATION: DRIVE STAKES INTO THE GROUND AT LEAST ONE THIRD OF THEIR LENGTH, AVOIDING DAMAGE TO THE ROOT SYSTEM.
STAKE SIZES:
FOR TREE AND SHRUB SPECIES ≥ 2.5 M HIGH: THREE 50 X 50 X 2400 MM STAKES PER PLANT.
FOR TREE AND SHRUB SPECIES 1 - 2.5 M HIGH: TWO 50 X 50 X 1800 MM STAKES PER PLANT.
FOR TREE AND SHRUB SPECIES < 1 M HIGH: ONE 38 X 38 X 1200 MM STAKE PER PLANT.
TIES:
GENERAL: PROVIDE TIES FIXED SECURELY TO THE STAKES, ONE TIE AT HALF THE HEIGHT OF THE MAIN STEM, OTHERS AS NECESSARY TO STABILISE THE PLANT.
TIE TYPES:
FOR PLANTS ≥ 2.5 M HIGH: TWO STRANDS OF 2.5 MM GALVANIZED WIRE NEATLY TWISTED TOGETHER, PASSED THROUGH REINFORCED RUBBER OR PLASTIC HOSE, AND INSTALLED AROUND STAKE AND STEM IN A FIGURE OF EIGHT PATTERN.
FOR PLANTS < 2.5 M HIGH: 50 MM HESSIAN WEBBING STAPLED TO THE STAKE.

MARKER STAKES
MATERIAL: TIMBER OFFCUTS 25 X 25 X 1200 MM. DIP THE TOP 200 MM IN WHITE PAINT.
INSTALLATION: DRIVE FIRMLY INTO THE GROUND AT LEAST 300 MM FROM THE PLANT. DO NOT TIE TO THE PLANT.
LOCATION OF MARKER STAKES:
TREES IN GRASS: MARK EACH TREE.
RIPLINE PLANTING AREAS: MARK EACH RIPLINE AT EVERY FIFTH PLANT ALONG THE LINE. STICKS.

IRRIGATION
THE CONTRACTOR MUST DESIGN, SUPPLY AND INSTALL AN IRRIGATION SYSTEM TO GARDEN BEDS AND LAWN, EXTENTS TO BE CONFIRMED WITH THE SUPERINTENDENT.

SYSTEM DESIGN & APPROVAL
THE CONTRACTOR MUST:

- ENGAGE A SUITABLY QUALIFIED IRRIGATION DESIGN CONSULTANT;
- CONFIRM EXTENTS OF GARDEN BED AREA TO BE IRRIGATED.
- CONFIRM LOCATION OF IRRIGATION CONTROL PANEL.
- LIAISE WITH SUPERINTENDENT AND MAINTENANCE AND MANAGEMENT TEAM TO CONFIRM IRRIGATION REQUIREMENTS;
- PREPARE A SCALED, PROFESSIONALLY DRAFTED DRAWING/S ALONG WITH AN ACCOMPANYING LEGEND AND MATERIALS SCHEDULE SHOWING ALL ELEMENTS OF THE PROPOSED SYSTEM AND ITS CONNECTION TO EXISTING SITE INFRASTRUCTURE AND WATER SUPPLY;
- LIAISE WITH THE SUPERINTENDENT TO DETERMINE WATER & POWER SUPPLY CONNECTIONS AND CONTROLS;
- PROVIDE SUFFICIENT NOTICE AND PROGRAM TIME TO UNDERTAKE CO-ORDINATION AND AMENDS TO THE DESIGN PRIOR TO APPROVAL;
- CO-ORDINATE THE IRRIGATION DESIGN WITH ALL OTHER ASPECTS OF THE SITE WORKS;
- SEEK WRITTEN SIGN-OFF AND APPROVAL BY THE SUPERINTENDENT PRIOR TO THE PROCUREMENT AND INSTALLATION OF THE IRRIGATION SYSTEM PROVIDING A MINIMUM OF 1 WEEKS NOTICE FOR APPROVAL.

THE IRRIGATION SYSTEM MUST:

- BE PROGRAMMABLE AND INTERFACE WITH EXISTING SYSTEMS LOCATED ON THE UNIVERSITY GROUNDS;
- AS A MINIMUM, MEET THE REQUIREMENTS OF THE LATEST AUSTRALIAN STANDARDS;
- BE SUFFICIENT TO PROVIDE WATER TO ALL GARDEN BED AND LAWN AREAS AS SHOWN ON THE DRAWINGS;
- PROVIDE LOCATIONS FOR LOGICALLY ZONED VALVES, CONTROLLERS AND ALL OTHER ITEMS NECESSARY TO BE ABLE TO ADEQUATELY OPERATE AND MAINTAIN THE SYSTEM.
- INCLUDE A RAIN SENSOR LOCATED TO THE APPROVAL OF THE SUPERINTENDENT.

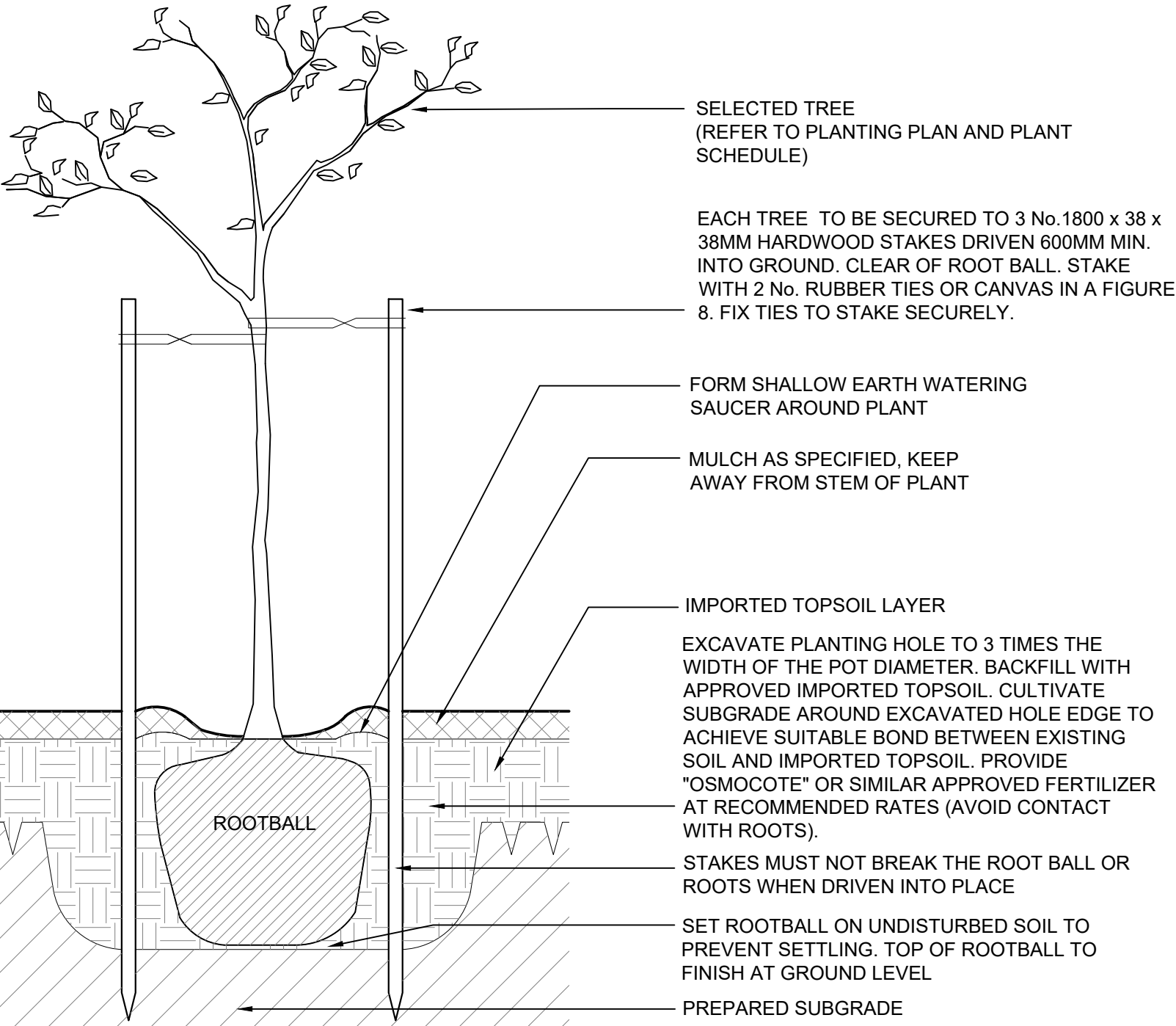
IRRIGATION SYSTEM INSTALLATION
ALL IRRIGATION INSTALLATION WORKS MUST:

- BE BEST PRACTICE AND IN ACCORDANCE WITH AUSTRALIAN STANDARDS;
- BE CO-ORDINATED WITH ADJOINING LANDSCAPE AND BUILDING WORKS;
- MAKE PROVISION FOR SUFFICIENT TIME TO UNDERTAKE INSPECTION AND COMMISSIONING WITH THE DESIGN CONSULTANT IN ATTENDANCE AND PRIOR TO MULCHING WORKS.
- BE CAREFULLY CO-ORDINATED WITH PLANTING WORKS.

COMMISSIONING
THE CONTRACTOR MUST, WITH 1 WEEKS ADVANCE WRITTEN NOTICE, ARRANGE FOR AN IRRIGATION COMMISSIONING INSPECTION WITH THE SUPERINTENDENT IN ORDER TO TEST THE SYSTEM PRIOR TO MULCH INSTALLATION.
THE IRRIGATION DESIGN CONSULTANT MUST BE PRESENT DURING THE COMMISSIONING PROCESS.
THE CONTRACTOR MUST MAKE PROVISION TO ADJUST AND RECTIFY ANY DEFECTS IN THE SYSTEM INCLUDING, BUT NOT LIMITED TO, LEAKING PIPES, AREAS NOT IRRIGATED, MALFUNCTIONING SPRINKLERS, MALFUNCTIONING TIMERS AND VALVES.
COMMISSIONING WILL BE APPROVED BY THE SUPERINTENDENT WHEN THE IRRIGATION SYSTEM IS DEMONSTRATED AS FULLY OPERATIONAL, COMPLETE WITH ALL FUNCTIONING CONTROLLERS, VALVES.
MULCH MUST NOT BE INSTALLED UNTIL THE IRRIGATION SYSTEM HAS BEEN SUCCESSFULLY COMMISSIONED AND APPROVED BY THE SUPERINTENDENT.

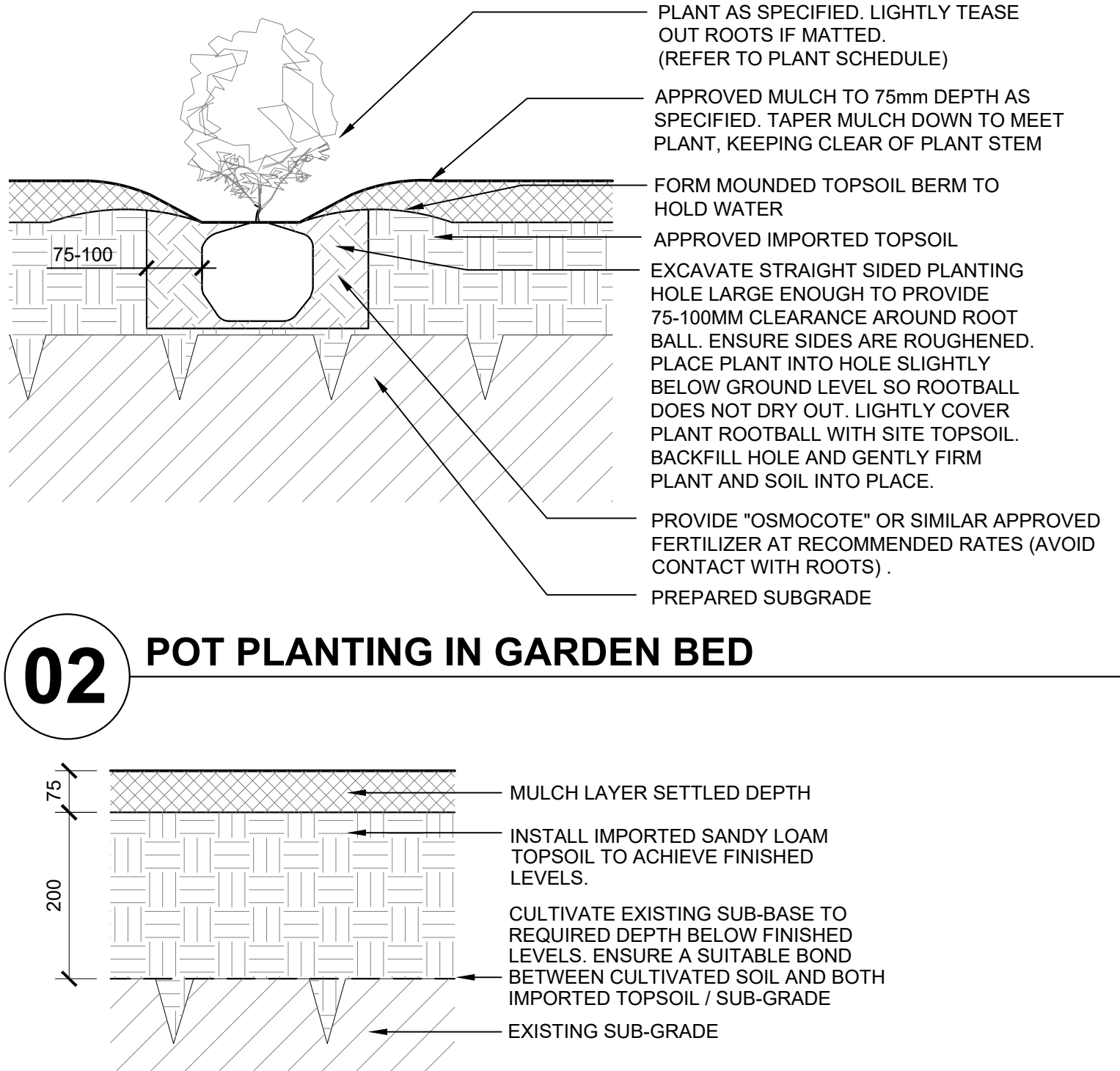
AS BUILT DRAWINGS
THE CONTRACTOR MUST PROVIDE CLEAR, SCALED, PROFESSIONALLY DRAFTED DRAWING/S ACCURATELY SHOWING ALL ELEMENTS OF THE AS BUILT SYSTEM.

WARRANTY
THE CONTRACTOR MUST WARRANTY THE IRRIGATION SYSTEM AND PROVIDE ALL NECESSARY CERTIFICATION AND DOCUMENTS.



01 ADVANCED TREE PLANTING IN GARDEN BED

SCALE 1:20 at A1, 1:40 at A3



02 POT PLANTING IN GARDEN BED

03 GARDEN BED PROFILE

SCALE 1:10 at A1, 1:20 at A3

REVISIONS

REVISION:	DATE:	DESCRIPTION:
A	24/04/26	FOR APPROVAL
B	14/05/26	FOR APPROVAL

NOT FOR CONSTRUCTION

TO BE READ IN CONJUNCTION WITH ARCHITECT'S / ENGINEER'S DRAWINGS AND SPECIFICATIONS, SITE SURVEY AND ARBORIST'S INFORMATION

DIAL BEFORE YOU DIG

www.1100.com.au

This copied document is made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach copyright legislation

CLIENT:
KNOWLES GROUP

PROJECT:
ARCARE LOVELY BANKS
215-227 PURNELL RD, LOVELY BANKS

TITLE:
LANDSCAPE CONCEPT PLAN

DRAWING NUMBER:
LC002

RDLA

LANDSCAPE ARCHITECT

RDLA PTY LTD
INFO@RDLA.COM.AU