

PRESERVATION ZONES MUST BE ESTABLISHED AROUND TREES 1 AND 10. YOU MUST CONTACT COUNCIL'S DEVELOPMENT PLANNING ARBORIST ON 9457 9808 ONCE THE TREE PRESERVATION FENCING IS ERECTED SO THAT AN INSPECTION OF THE FENCING CAN BE CARRIED OUT. ONCE INSTALLED AND INSPECTED THE TREE PRESERVATION ZONES MUST BE MAINTAINED TO THE SATISFACTION OF THE RESPONSIBLE AUTHORITY, AND MEET THE FOLLOWING REQUIREMENTS: (a) EXTENT TREE PRESERVATION ZONES ARE TO BE PROVIDED TO THE

EXTENT OF THE IDENTIFIED TREE PROTECTION ZONE OF: TREE 1 WITHIN THE VINE STREET ROAD RESERVATION;

THE PITTOSPORUM HEDGE (TREE 10) AT 3 VINE STREET WHERE IT IS LOCATED WITHIN THE SITE.

27L pot, 2.2m high

45L pot, 2.5 m high

45L pot, 2.0 m high

45L pot, 2.0 m high

45L pot, 2.2 m high

45L pot, 2.5 m high

200mm pot

200mm pot

250mm pot

150mm pot

150mm pot

150mm pot

200mm pot

100mm pot

150mm pot

150mm pot

150mm pot

tubestock

tubestock

tubestock

150mm pot

100mm pot

tubestock

tubestock

150mm pot

30mm

30mm

30mm

30mm

30mm

19

13

12

53

26

63

43

14

QUE pal

ACA imp

LOP con

MAG gem

PYR cal

PYR cha

DOD vis

SYZ aus

ACA cog

COR ref

GRE ros

WES blu

CLI red

DIA tas

DIA red

DIE bic

LOM tan

POA lab

LIR mus

MYO par

STA byz

Quercus palustris

Lophostemon confertus

Pyrus calleryana 'Capital'

Tall Shrubs >1.0m high

Callistemon viminalis 'Slim'

Dodonaea viscosa 'Purpurea'

Syzygium australe 'Pinnacle'

Grevillea rosmarinifolia 'Crimson Villea'

Shrubs <1.0m high

Westringia 'Blue Gem

Grasses and Tufting

Clivia miniata 'Red'

Dianella tasmanica

Dietes bicolour

Poa labillardieri

Groundcovers

Ajuga reptans

Dichondra repens

Stachys byzantina

Viola hederacea

Climbers

Myoporum parvifoliun

Trachelospermum jasminoides

Liriope muscari

Dianella tasmanica 'Tasred'

Lomandra longifolia 'Tankia'

Correa reflexa

Acacia cognata 'Limelight'

Pyrus calleryana 'Chanticleer'

Magnolia grandiflora 'Little Gem'

Acacia implexa

Pringreen Green Pillar

Magnolia Little Gem

Capital Ornamental Pear

Slim Weeping Bottlebrush

Pinnacl" Brush Cherry

Limelight Bower Wattle

Grimson Villea Grevillea

Blue Gem Native Reosemary

Tanika Spiny-Headed Mat-rush

Common Tussock Grass

Common Correa

Red Bush Lily

Tasman Flax Lily

Tasred Flax Lily

Yellow Wild Iris

Common Bugle

Creeping Boobialla

Kidney Weed

Lily Turf

Lamb's Ears

Native Violet

Star Jasmine

Purple Hop Bush

Chanticleer Ornamental Pear

Lightwood

Brush Box

12 x 3

10 x 4

15 x 8

5 x 3

11x3

11 x 6

3 x 1.2

4 x 1.5

1 x 1.5

1 x 1

1 x 1

1 x 1

 0.6×0.6

 0.8×0.8

1 x 1

 0.5×0.5

 0.5×0.65

 0.8×0.8

0.2 x 2

 0.4×0.4

0.2 x 1.0

 0.3×0.3

0.2 x 2

0.2 x 3.0 4 per m2

5 x 1

as shown

4 per m2

3 per m2

4 per m2

4 per m2

4 per m2

4 per m2

6 per m2

4 per m2

2 per m2

6 per m2

4 per m2

0.3 x 3 2 per lin.m 200mm pot

as shown

THE FENCING CAN BE REALIGNED AND SUITABLE GROUND PROTECTION PROVIDED TO ALLOW THE APPROVED CONSTRUCTION THEREIN ONLY TO THE SATISFACTION OF THE PROJECT ARBORIST AND ONLY WHEN APPROVED BY THE RESPONSIBLE AUTHORITY.

(b) MANAGEMENT OF WORKS

A SUITABLY QUALIFIED ARBORIST MUST SUPERVISE OR UNDERTAKE ALL APPROVED ACTIVITY WITHIN THE CALCULATED TPZ OF A RETAINED TREE. ANY ROOT SEVERANCE WITHIN THE TPZ MUST BE UNDERTAKEN TO THEIR SATISFACTION USING A CLEAN SHARP AND STERILISED PRUNING SAW. THERE MUST BE NO ROOT PRUNING WITHIN THE SRZ UNLESS CONSENT IS RECEIVED IN WRITING BY THE RESPONSIBLE AUTHORITY, AND THERE MUST BE NO ROOT PRUNING WITHIN THE TPZ FOR WORKS OTHER THAN THOSE ENDORSED BY THE RESPONSIBLE AUTHORITY.

(ii) ALL AND ANY EXCAVATIONS WITHIN THE TPZ OF RETAINED TREES MUST BE UNDERTAKEN BY HAND OR BY APPROVED NON-DESTRUCTIVE TECHNIQUES SUITABLE IN THE VICINITY OF TREES, AND MUST ONLY BE UNDERTAKEN BY, OR DIRECTED AND SUPERVISED BY, A SUITABLY QUALIFIED ARBORIST FOR ENDORSED WORKS OR FOR WORKS SUBSEQUENTLY APPROVED BY THE RESPONSIBLE AUTHORITY

PROTECTIVE FENCING MUST CONSIST OF CHAIN WIRE MESH PANELS HELD IN PLACE WITH CONCRETE FEET. FENCING MUST COMPLY WITH AUSTRALIAN STANDARD AS 4687-2007

TEMPORARY FENCING AND HOARDINGS (ii) THE FENCES MUST NOT BE REMOVED OR RELOCATED WITHOUT THE PRIOR CONSENT OF THE RESPONSIBLE AUTHORITY.

(iii) CANOPY AND LIMB PROTECTION MUST BE PROVIDED IN ACCORDANCE WITH THE GUIDELINES DETAILED IN AS4970-2009 PROTECTION OF TREES ON DEVELOPMENT SITES.

FIXED SIGNS ARE TO BE PROVIDED ON ALL VISIBLE SIDES OF THE TREE PRESERVATION FENCING, STATING "TREE PRESERVATION ZONE - NO ENTRY WITHOUT PERMISSION FROM THE CITY OF BANYULE".

(e) IRRIGATION THE AREA MUST BE IRRIGATED DURING THE SUMMER MONTHS WITH 10 LITRES OF CLEAN WATER FOR EVERY 1 CM OF TRUNK GIRTH MEASURED AT THE SOIL/ TRUNK INTERFACE ON A MONTHLY BASIS DURING SUMMER (OR A PERCENTAGE THEREOF EQUIVALENT TO THE PERCENTAGE OF TPZ AREA OCCURRING

ACCESS TO TREE PRESERVATION ZONE NO PERSONS, VEHICLES OR MACHINERY ARE TO ENTER THE VEGETATION PROTECTION ZONE EXCEPT WITH THE CONSENT OF THE RESPONSIBLE AUTHORITY;

WITHIN THE SUBJECT SITE).

(ii) NO FUEL, OIL DUMPS OR CHEMICALS ARE ALLOWED TO BE USED OR STORED WITHIN THE VEGETATION PRESERVATION ZONE AND THE SERVICING AND RE-FUELLING OF EQUIPMENT AND VEHICLES MUST BE CARRIED OUT AWAY FROM THE ROOT ZONES;

(iii) NO STORAGE OF MATERIAL, EQUIPMENT OR TEMPORARY BUILDING IS TO TAKE PLACE WITHIN THE VEGETATION PRESERVATION ZONE;

(iv) NOTHING WHATSOEVER, INCLUDING TEMPORARY SERVICES WIRES, NAILS, SCREWS OR ANY OTHER FIXING DEVICE, IS TO BE ATTACHED TO ANY TREE.

UNDERGROUND SERVICES ANY UNDERGROUND SERVICE INSTALLATIONS TRANSECTING A

TREE PROTECTION ZONE OF ANY RETAINED TREE MUST BE BORED BENEATH THE ENTIRE TPZ TO A DEPTH OF AT LEAST 600MM. ANY EXCAVATION WITHIN THE CALCULATED TPZ OF A RETAINED TREE REQUIRED FOR THE CONNECTION OF SERVICES MUST BE:

(i) UNDERTAKEN AFTER WRITTEN APPROVAL IS RECEIVED FROM THE RESPONSIBLE AUTHORITY; AND,

(ii) UNDERTAKEN BY HAND OR BY APPROVED NON-DESTRUCTIVE TECHNIQUES SUITABLE IN THE VICINITY OF TREES UNDER THE SUPERVISION OF THE PROJECT ARBORIST.

NOTE:

REQUESTS FOR CONSENT OF THE RESPONSIBLE AUTHORITY (CITY OF BANYULE) PURSUANT TO THIS CONDITION SHOULD BE DIRECTED TO COUNCIL'S ARBORIST - DEVELOPMENT PLANNING ON 9457 9808. CONSENT FOR THE CONDUCT OF FURTHER WORKS WITHIN A TREE PROTECTION ZONE, WHERE GRANTED, MAY BE SUBJECT TO CONDITIONS. SUCH CONDITIONS MAY INCLUDE A REQUIREMENT THAT:

 ANY FURTHER WORKS THAT ARE APPROVED ARE TO BE SUPERVISED BY THE PROJECT ARBORIST, AND A WRITTEN COMPONENT MAY BE REQUIRED ALSO;

ALL ROOT EXCAVATION BE CARRIED OUT BY HAND DIGGING OR WITH THE USE OF 'AIR-EXCAVATION' TECHNIQUES; CANOPY AND LIMB PROTECTION IS PROVIDED IN ACCORDANCE WITH THE GUIDELINES DETAILED IN AS4970- 2009 PROTECTION OF TREES ON DEVELOPMENT SITES. OR OTHER CONDITIONS. AS RELEVANT, TO ENSURE THE ONGOING HEALTH AND STABILITY OF THE SUBJECT TREES.

16. UNLESS OTHERWISE AGREED IN WRITING BY THE RESPONSIBLE AUTHORITY, THE LANDSCAPING AREAS SHOWN ON THE ENDORSED PLANS MUST USED FOR LANDSCAPING AND NO OTHER PURPOSE AND ANY LANDSCAPING MUST BE MAINTAINED TO THE SATISFACTION OF THE RESPONSIBLE AUTHORITY, INCLUDING THAT ANY DEAD, DISEASED OR DAMAGED PLANTS ARE TO BE REPLACED.

IRRIGATION NOTES:

- INSTALL AN IRRIGATION SYSTEM TO ALL PRIVATE COURTYARD GARDENS OFF A WALL MOUNTED HOSE COCK
- AN IN-GROUND IRRIGATION SYSTEM IS TO BE INSTALLED TO ALL PUBLICLY ACCESSIBLE GARDEN BEDS, MAINTAINED AND USED TO THE SATISFACTION OF THE RESPONSIBLE AUTHORITY.
- WATER SUPPLY IS VIA THE UNDERGROUND RAINWATER TANK (WITH MAINS SUPPLY TOP UP) - LOCATION IN
- BASEMENT. PREPARE AND SUBMIT 3 NO COPIES OF THE IRRIGATION SHOP DRAWINGS FOR PROJECT MANAGER REVIEW & APPROVAL.
- PRESSURE PRIOR TO COMMENCEMENT OF THE SHOP DRAWINGS. (1.0L/SEC @500KPA REQUIRED, UNLESS OTHERWISE APPROVED PRIOR TO CONSTRUCTION) ALL PENETRATIONS (WHERE REQUIRED) MUST BE LARGE ENOUGH TO ALLOW ACCESS FOR MAIN, LATERAL AND 24 VOLT CABLES. SEAL TO THE APPROVAL OF THE RELEVANT

THE CONTRACTOR IS TO VERIFY AVAILABLE WATER

AUTHORITIES. RAIN SENSOR TO BE PROVIDED (CONFIRM LOCATION WITH PROJECT MANAGER PRIOR TO INSTALLATION

DESIGN MINIMUMS:

DRIPTUBE TO BE INSTALLED TO ALL NOMINATED GARDENS BELOW THE MULCH AT 300mm TYPICAL CENTRES (OR TO SUIT SOIL TYPE) - NETAFIN OR SIMILAR APPROVED

MAINTENANCE NOTATION:

LANDSCAPE CONTRACTOR TO MAINTAIN THE PUBLIC WORKS FOR A MINIMUM OF 26 WEEKS PRIOR TO HANDOVER TO THE BODY

- CORPORATE, INCLUDING THE FOLLOWING TASKS:: WATERING (WITH RECYCLED WATER IF NECESSARY
- MOWING FERTILISING (SPRING, AUTUMN)
- WEEDING RESEEDING
- PAST AND DISEASE CONTROL
- STAKING AND TYING PLUS REMOVAL OF STAKE AT THE END OF MAINTENANCE PERIOD MONITORING AND REPAIRING IRRIGATION SYSTEM PLUS CHANGES FOR SEASONAL PROGRAMS OR WATER RESTRICTIONS MULCH REPLENISHMENT
- REPLANTING (DEAD, STOLEN OR DAMAGED PLANTS) RECTIFICATION WORKS (INCLUDING FAULTY MATERIALS AND
- WORKMANSHIP) CULTIVATION (TO REMOVE COMPACTION)
- PRUNING TO REMOVED DAMAGED BRANCHES OR TO LIFT CANOPY)
- AERATING LAWNS
- RENOVATING LAWNS
- TOP-DRESSING LAWNS MAINTAIN SITE NEAT AND TIDY INCLUDING RUBBISH REMOVAL

SURFACE FINISHES NOTES

ALL EXTERNAL PAVING MUST MEET THE AUSTRALIAN STANDARDS AS/NZS 3661 COEFFICIENT FOR SLIP-RESISTANCE. THE SUPERINTENDENT MUST BE NOTIFIED OF ANY DISCREPANCIES OF ALTERATIONS TO THE FINISHES PRIOR TO ORDERING AND INSTALLATION OF MATERIALS. ANY ALTERATIONS TO THE NOMINATED PRODUCT MUST BE APPROVED BY THE SUPERINTENDENT. ALL SAMPLES ARE TO BE SUPPLIED TO THE SUPERINTENDENT FOR APPROVAL PRIOR TO INSTALLATION

LIST OF REVISIONS B

UPDATED BASE PLAN AS PER ARCHITECTS REVISIONS. 2. UPDATED BASE PLAN TO COMPLY WITH PERMIT CONDITIONS:

A DETAILED LANDSCAPE PLAN, GENERALLY IN ACCORDANCE WITH THE PLAN SUBMITTED WITH THE APPLICATION, BUT PROVIDING:

(i) THE SIZE AND SOIL VOLUME OF ALL PLANTER BOXES AND DETAILS OF ANY INTEGRATION WITH THE STRUCTURAL

SLAB OF THE BASEMENT CAR PARK. (ii) A SCHEDULE OF PROPOSED TREES AND SHRUBS, INCLUDING THE LOCATION AND SIZE AT MATURITY OF ALL PLANTS, THE BOTANICAL NAMES OF SUCH PLANTS AND THE LOCATION OF ALL AREAS TO BE COVERED BY

SURFACE MATERIALS AS SPECIFIED. (iii) LOCATION AND DETAILS OF PAVING, STEPS, RETAINING WALLS, WATER TANKS, CLOTHESLINES, FENCE DESIGN

DETAILS AND OTHER LANDSCAPE WORKS. (iv) DETAILS OF HOW ANY CLIMBING PLANTS ARE TO BE

SECURED TO WALLS AND THEN MAINTAINED. (v) DETAILS OF IRRIGATION FOR PLANTS WITHIN PRIVATE

(vi) A NOTATION INDICATING 'PROVISION OF STREET TREE PLANTING TO THE SATISFACTION OF AND AT NO COST TO THE RESPONSIBLE AUTHORITY'

(vii) THE TREE PRESERVATION FENCING IN ACCORDANCE WITH CONDITION 15 OF THIS PERMIT;

(3) GENERAL NOTATIONS & EDITS

IRRIGATION

(h) THE AREA MUST BE IRRIGATED DURING THE SUMMER MONTHS WITH 10 LITRES OF CLEAN WATER FOR EVERY 1cm OF TRUNK GIRTH MEASURED AT THE SOIL/TRUNK INTERFACE ON A MONTHLY BASIS DURING SUMMER (OR A PERCENTAGE THEREOF EQUIVALENT TO THE PERCENTAGE OF TPZ AREA OCCURRING WITHIN THE SUBJECT SITE).

WORKS IN THE ROAD RESERVATION

(i) THE ROAD RESERVATION IN VINE STREET IMMEDIATELY ADJACENT TO THE SITE TO BE EXCAVATED SUCH THAT THE RETAINING WALL PREVIOUSLY BUILT PARTIALLY WITHIN THE VINE STREET ROAD RESERVATION IS REMOVED.

THE PROVISION OF A FOOTPATH ALONG THE FULL LENGTH OF THE VINE STREET FRONTAGE, CONNECTING WITH THE EXISTING FOOTPATH WITHIN JIKA STREET;

THE FOOTPATH IN JIKA STREET ADJACENT TO THE SITE WIDENED TO ACCOMMODATE THE AREA BETWEEN THE SITE BOUNDARY AND THE KERB;.

WARNING

BEWARE OF UNDERGROUND SERVICES. THE LOCATIONS OF UNDERGROUND SERVICES ARE INDICATIVE ONLY. THEIR EXACT

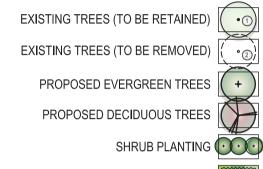
POSITION SHOULD BE PROVEN ON SITE. DIAL BEFORE YOU DIG PH:1100. CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK, REPORT ALL DISCREPANCIES TO

SUPERINTENDENT PRIOR TO CONSTRUCTION. FIGURED DIMENSIONS O BE TAKEN INPREFERENCE TO SCALED DRAWINGS. ALL DRAWINGS MAY NOT BE REPRODUCED OR DISTRIBUTED WITHOUT PRIOR PERMISSION FROM THE LANDSCAPE ARCHITECT.

FOR ENDORSEMENT NOT FOR CONSTRUCTION

| NO. | REVISION | DATE |
|---------------|-------------------------------|----------|
| - | FOR APPLICATION | 09/03/16 |
| Р | FOR REVIEW | 27/05/16 |
| Α | TOWN PLANNING (RFI REVISIONS) | 07/06/16 |
| <u>—</u> В | TOWN PLANNING ENDORSEMENT | 20/09/16 |

LEGEND



PROPOSED GARDEN BED PLANTING

TRAVERSABLE GROUNDCOVER

CLIMBERS TO METAL WIRE FRAME **UNIT PAVING**

500x247MM (ARCSTONE MARINO SHOT STANDARD) FENCING REFER TO ARCHITECTS DETAIL

RAISED PLANTER (PROVIDE DRAINAGE OUTLET)

AIR CONDITIONING A/C CLOTHES LINE

1.8M HIGH CHAIN MESH TPZ FENCING ├─/

TOP OF WALL LEVELS +TOW FINISHED RELATIVE LEVELS RL 22.30 EXISTING LEVELS EX 19.00



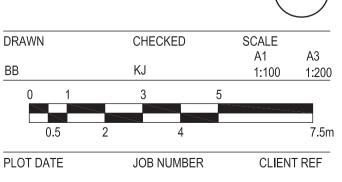
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hansen CLIENT

Roniak Developments P/L

PROJECT 1 Vine Street Heidelberg

DRAWING TITLE Landscape Plan



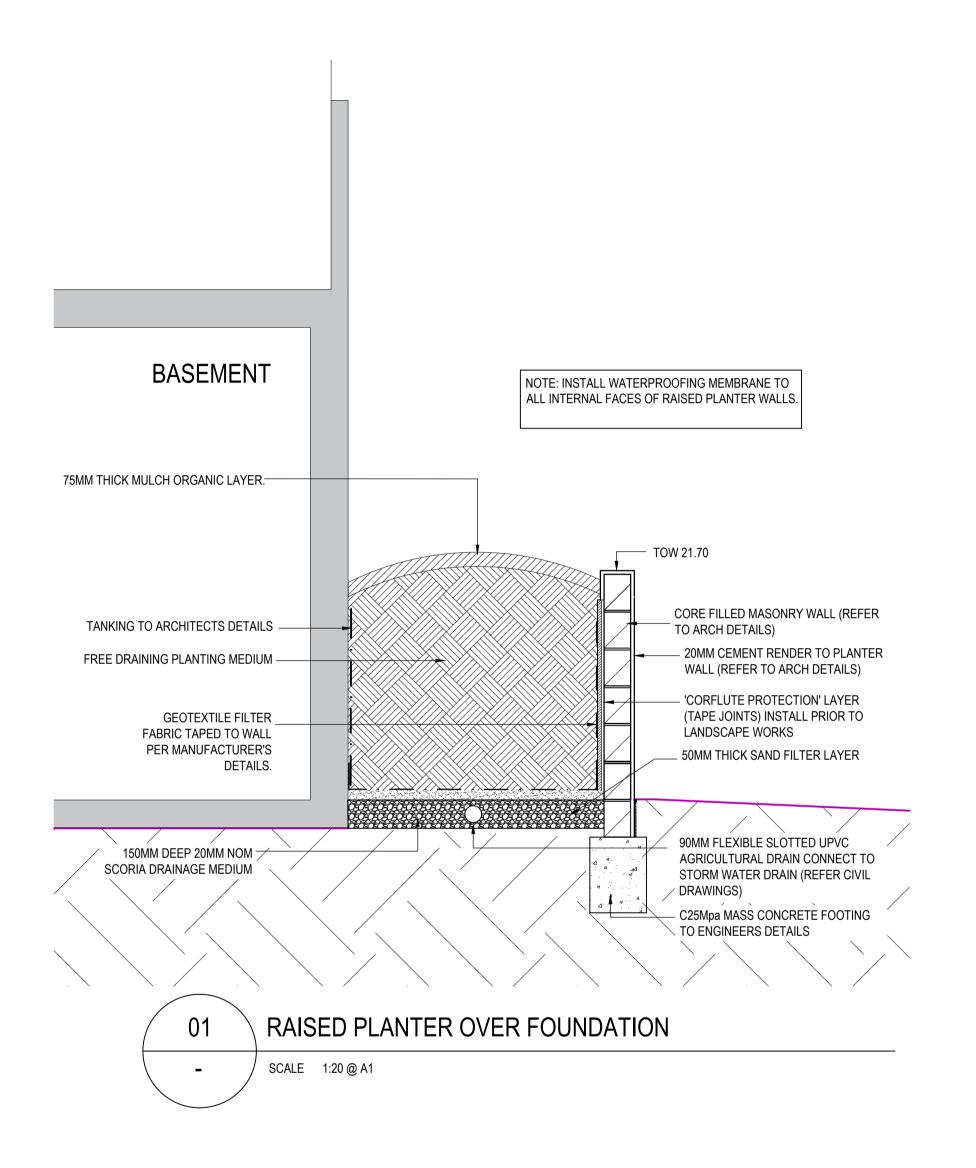
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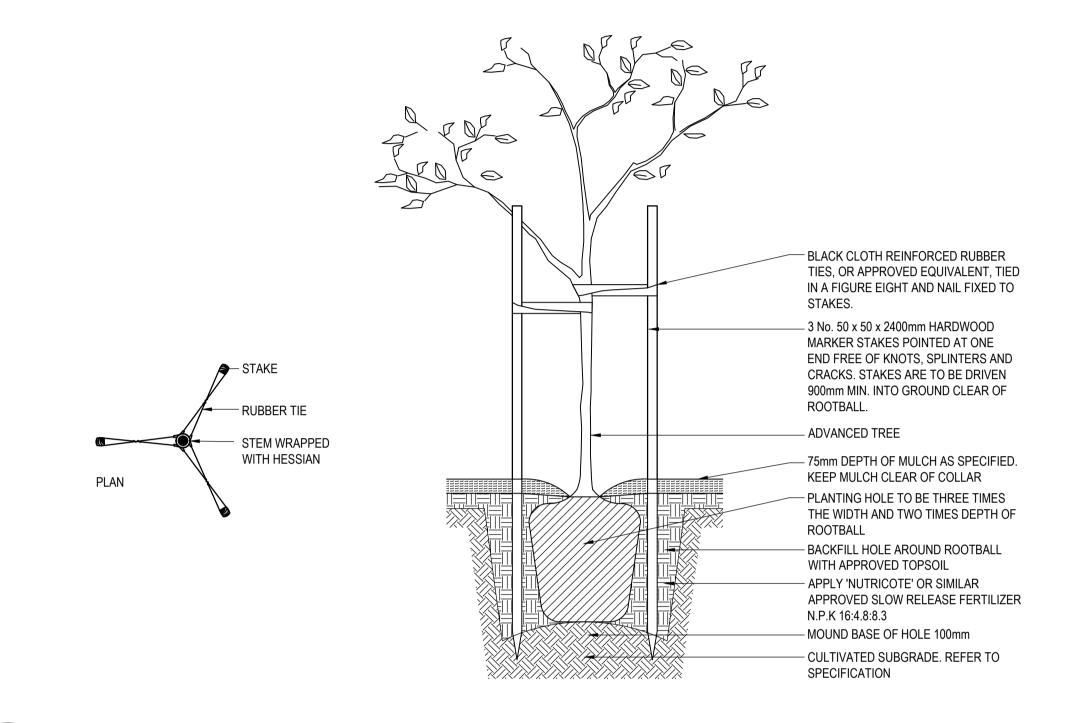
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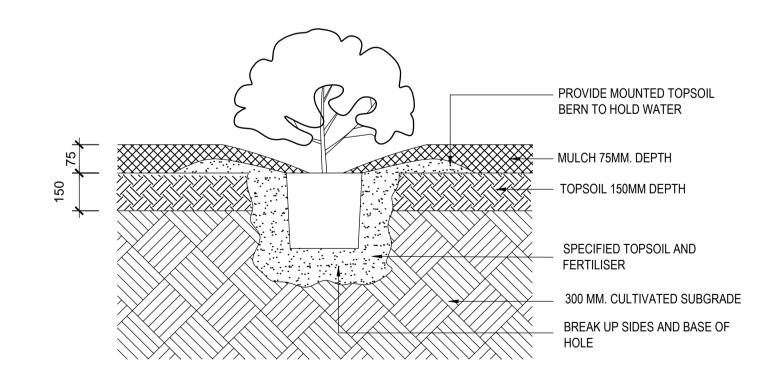
DRAWING NUMBER

B

REV







SHRUB DETAIL SCALE 1:10 @ A1

ADVANCED TREE DETAIL (typical)

SCALE 1:20 @ A1

NOTES:

 DIG HOLE TWICE AS DEEP AS ROOTBALL AND ALLOW AT LEAST 200 MM. AROUND SIDES FOR BACKFILLING WITH TOPSOIL.

2. APPLY FERTILISER IN BASE OF HOLE, COVER WITH TOPSOIL (TYPE & RATE AS PER SPEC). AVOID ROO CONTACT.

PLACE PLANT IN CENTRE OF HOLE, BACKFILL WITH APPROVED TOPSOIL, FIRMING PROGRESSIVELY.

WATER WELL INTO SAUCER AROUND CROWN OF 5. PLANT.

STAKE LARGER SHRUBS WHERE NECESSARY, USI 6. 50 X 50 X 1200 MM. HARDWOOD STAKES.

MULCH TO BE CLEAR OF PLANT STEM.

WARNING

BEWARE OF UNDERGROUND SERVICES. THE LOCATIONS OF UNDERGROUND SERVICES ARE INDICATIVE ONLY. THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. DIAL BEFORE YOU DIG PH:1100.

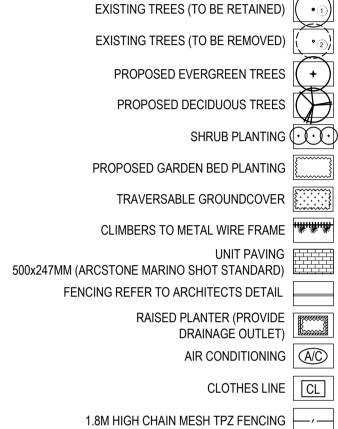
CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK. REPORT ALL DISCREPANCIES TO SUPERINTENDENT PRIOR TO CONSTRUCTION. FIGURED DIMENSIONS TO BE TAKEN INPREFERENCE TO SCALED DRAWINGS. ALL DRAWINGS MAY NOT BE REPRODUCED OR DISTRIBUTED WITHOUT PRIOR PERMISSION FROM THE LANDSCAPE ARCHITECT.

STATUS

FOR ENDORSEMENT NOT FOR CONSTRUCTION

| NO. | REVISION | DATE |
|-----|---------------------------|----------|
| - | TOWN PLANNING ENDORSEMENT | 16/09/16 |
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LEGEND





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hansen

CLIENT Roniak Developments P/L

PROJECT

1 Vine Street Heidelberg

DRAWING TITLE LANDSCAPE DETAILS

SCALE DRAWN CHECKED A1

| BB | KJ | 1:100 | 1:2 |
|----|----|-------|-----|
| | | | |
| | | | |
| | | | |

PLOT DATE JOB NUMBER CLIENT REF 16/09/16 16.024 DRAWING NUMBER REV

A3