

# MURI ROAD
# PUKERUA BAY
# STREETSCAPE LANDSCAPE PLANS

| DOCUMENT CONTROL | | |
|---|---|---|
| REVISION | DATE | ISSUE/ DESCRIPTION |
| 1 | 31/10/24 | FOR REVIEW |
| 2 | 15/11/24 | FOR COUNCIL |
| 3 | 28/05/26 | FOR COUNCIL |
| 4 | 08/06/26 | FOR COUNCIL |
| 5 | 17/08/26 | FOR COUNCIL |

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MURI ROAD
PUKERUA BAY
LANDSCAPE PLANS

**FOR COUNCIL**

STREET TREE LANDSCAPE PLAN

REV: 5 DATE: 17/08/2026

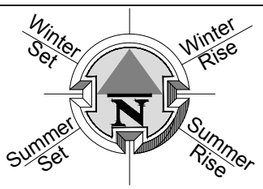
SCALES (A3):
-

SHEET No.
L0.00



PRINT IN COLOUR






NOTES:

- STREET TREE LOCATIONS ARE INDICATIVE. LOCATIONS TO BE CONFIRMED ON SITE WITH CONTRACTOR/ CONFIRMED WITH CIVIL ENGINEER AGAINST CONSTRUCTION DRAWINGS IN REGARDS TO, (BUT NOT LIMITED TO), SIGHT LINES/ AS-BUILT SERVICE LOCATIONS/ CLEARANCE TO STREET LIGHTING/ VEHICLE CROSSINGS/ ANY OTHER RELEVANT CONSIDERATIONS.

- REFER L2.04 FOR STREET TREE SELECTIONS (TO BE CONFIRMED BY COUNCIL)

- READ IN CONJUNCTION WITH THE SUBDIVISION, ARCHITECTURAL, & ENGINEERING DRAWINGS.

- REFER DRAWINGS BY OTHERS FOR RETAINING WALLS, BARRIERS WITH FALLS OVER 1M, STAIRS, DECKS & SITE DRAINAGE.

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PUKERUA BAY
LANDSCAPE PLANS

**FOR COUNCIL**

STREET TREE LANDSCAPE PLAN

REV: 5 DATE: 17/08/2026

SHEET No.

L3.00

SCALES (A3):
1:2,000




Winter Set
Winter Rise
Summer Set
Summer Rise
N

NOTES:

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LANDSCAPE PLANS

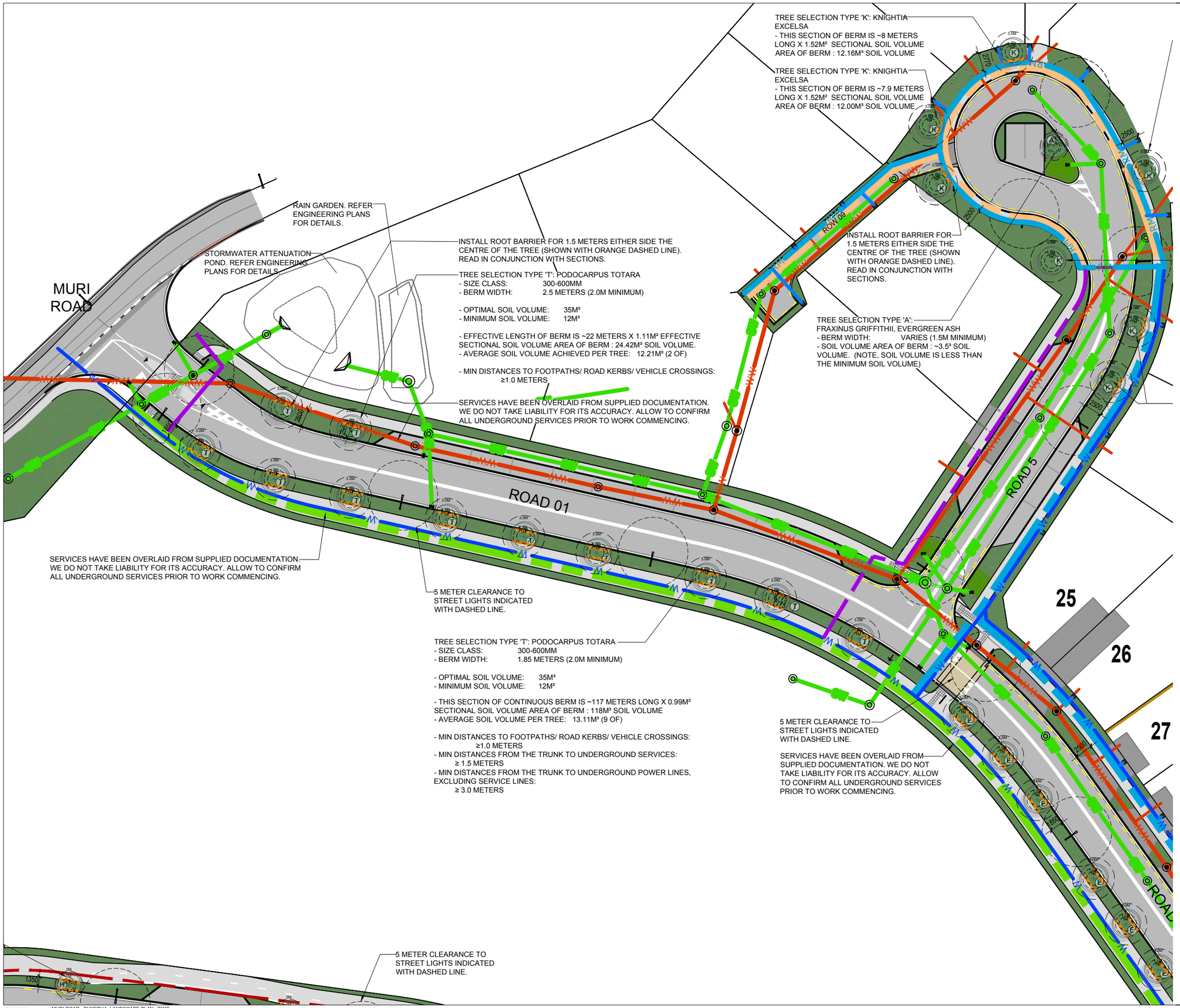
# FOR COUNCIL

## STREET TREE LANDSCAPE PLAN

REV: 5 DATE: 17/08/2026

SHEET No. L3.01

SCALES (A3): 1:2,000

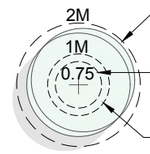



Winter Set
Winter Rise
Summer Set
Summer Rise
N

LEGEND

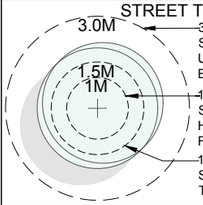
- STREET LIGHT. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS. - DASHED CIRCLE AROUND STREET LIGHT INDICATES THE 5 METER MINIMUM SEPARATION DISTANCE TO STREET TREES.
- RAIN GARDEN. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.
- SERVICES TRENCHES. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.
- UNDERGROUND SERVICES PIPE. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.
- UNDERGROUND SERVICES PIPE. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.
- SERVICES MANHOLE. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.
- ROOT BARRIER REFER SPECIFICATION AND NOTES FOR DETAILS.

STREET TREE <300MM CLASS




- 2.0M MIN HORIZONTAL SEPARATION DISTANCE TO UNDERGROUND POWER LINES, EXCLUDING SERVICE LINES.
- 0.75M MIN HORIZONTAL SEPARATION DISTANCE TO HARD SURFACES, FOOTPATHS, ROAD CURBS.
- 1.0M MIN HORIZONTAL SEPARATION DISTANCE TO SERVICES

STREET TREE 300-600MM CLASS




- 3.0M MIN HORIZONTAL SEPARATION DISTANCE TO UNDERGROUND POWER LINES, EXCLUDING SERVICE LINES.
- 1.0M MIN HORIZONTAL SEPARATION DISTANCE TO HARD SURFACES, FOOTPATHS, ROAD CURBS.
- 1.5M MIN HORIZONTAL SEPARATION DISTANCE TO SERVICES

- READ IN CONJUNCTION WITH COUNCIL CONDITIONS FOR FULL LIST OF SEPARATION DISTANCES FROM UNDERGROUND SERVICES, UTILITY, AND STRUCTURES.

NOTES:
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- REFER L4.01 FOR STREET TREE SELECTIONS
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LANDSCAPE PLANS

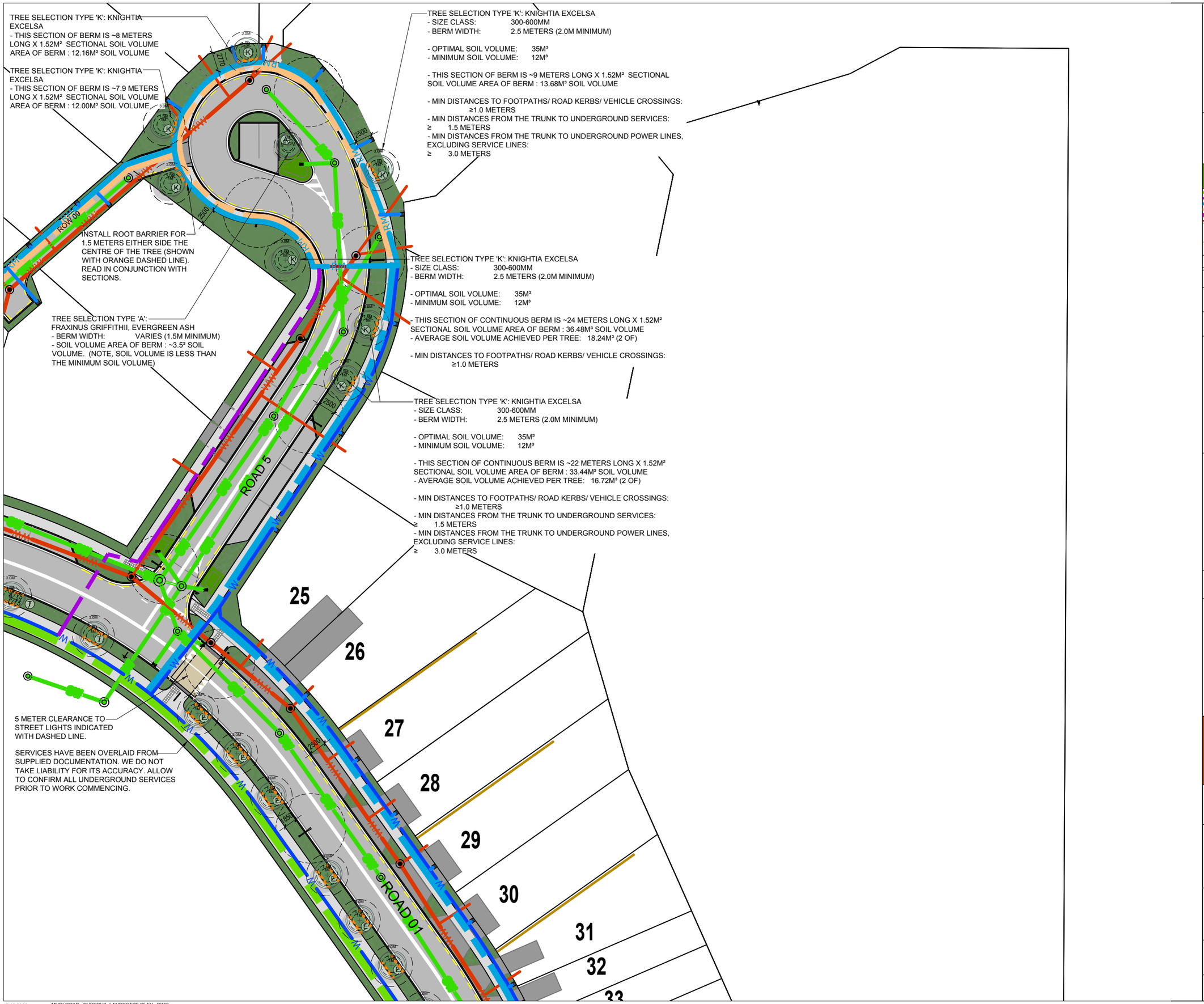
# FOR COUNCIL

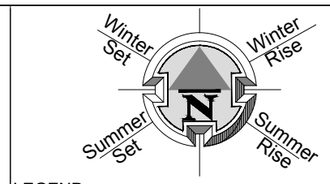
STREET TREE LANDSCAPE PLAN

REV: 5 DATE: 17/08/2026

SCALES (A3): 1:500

SHEET No. L3.02

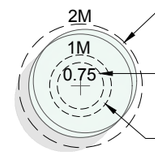



LEGEND

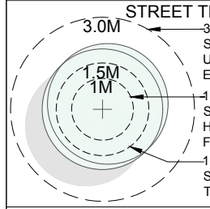
| | |
|---|---|
| | STREET LIGHT. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS. - DASHED CIRCLE AROUND STREET LIGHT INDICATES THE 5 METER MINIMUM SEPARATION DISTANCE TO STREET TREES. |
| | RAIN GARDEN. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS. |
| | SERVICES TRENCHES. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS. |
| | UNDERGROUND SERVICES PIPE. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS. |
| | UNDERGROUND SERVICES PIPE. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS. |
| | SERVICES MANHOLE. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS. |
| | ROOT BARRIER REFER SPECIFICATION AND NOTES FOR DETAILS. |

STREET TREE <300MM CLASS




- 2.0M MIN HORIZONTAL SEPARATION DISTANCE TO UNDERGROUND POWER LINES, EXCLUDING SERVICE LINES.
- 0.75M MIN HORIZONTAL SEPARATION DISTANCE TO HARD SURFACES, FOOTPATHS, ROAD CURBS.
- 1.0M MIN HORIZONTAL SEPARATION DISTANCE TO SERVICES

STREET TREE 300-600MM CLASS




- 3.0M MIN HORIZONTAL SEPARATION DISTANCE TO UNDERGROUND POWER LINES, EXCLUDING SERVICE LINES.
- 1.0M MIN HORIZONTAL SEPARATION DISTANCE TO HARD SURFACES, FOOTPATHS, ROAD CURBS.
- 1.5M MIN HORIZONTAL SEPARATION DISTANCE TO SERVICES

- READ IN CONJUNCTION WITH COUNCIL CONDITIONS FOR FULL LIST OF SEPARATION DISTANCES FROM UNDERGROUND SERVICES, UTILITY, AND STRUCTURES.

NOTES:
- STREET TREE LOCATIONS ARE INDICATIVE AND ARE SUBJECT TO CHANGE. LOCATIONS TO BE CONFIRMED ON SITE WITH CONTRACTOR/ CONFIRMED WITH CIVIL ENGINEER AGAINST CONSTRUCTION DRAWINGS IN REGARDS TO, (BUT NOT LIMITED TO), SIGHT LINES/ AS-BUILT SERVICE LOCATIONS/ CLEARANCE TO STREET LIGHTING/ VEHICLE CROSSINGS/ ANY OTHER RELEVANT CONSIDERATIONS.
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# FOR COUNCIL

STREET TREE LANDSCAPE PLAN

REV: 5 DATE: 17/08/2026

SCALES (A3): 1:500

SHEET No. L3.03



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TREE SELECTION TYPE 'H': HOHERIA

- SIZE CLASS: <300MM
- BERM WIDTH: 1.75 METERS (1.5M MINIMUM)

- OPTIMAL SOIL VOLUME: 28M³
- MINIMUM SOIL VOLUME: 10M³
- THIS SECTION OF CONTINUOUS BERM IS ~73 METERS LONG X 0.90M² SECTIONAL SOIL VOLUME AREA OF BERM : 65.7M³ SOIL VOLUME
- AVERAGE SOIL VOLUME PER TREE: 10.95M³ (6 OF)

- MIN DISTANCES TO FOOTPATHS/ ROAD KERBS/ VEHICLE CROSSINGS: ≥ 0.75 METERS
- MIN DISTANCES FROM THE TRUNK TO UNDERGROUND SERVICES: ≥ 1.0 METERS

TREE SELECTION TYPE 'E': TITOKI

- SIZE CLASS: 300-600MM
- BERM WIDTH: 1.85 METERS (2.0M MINIMUM)

- OPTIMAL SOIL VOLUME: 35M³
- MINIMUM SOIL VOLUME: 12M³
- THIS SECTION OF CONTINUOUS BERM IS ~120 METERS LONG X 0.99M² SECTIONAL SOIL VOLUME AREA OF BERM : 118.8M³ SOIL VOLUME
- AVERAGE SOIL VOLUME PER TREE: 9.9M³ (12 OF) (NOTE, SOIL VOLUME IS LESS THAN THE MINIMUM SOIL VOLUME)
- MIN DISTANCES TO FOOTPATHS/ ROAD KERBS/ VEHICLE CROSSINGS: ≥1.0 METERS
- MIN DISTANCES FROM THE TRUNK TO UNDERGROUND SERVICES: ≥ 1.5 METERS
- MIN DISTANCES FROM THE TRUNK TO UNDERGROUND POWER LINES, EXCLUDING SERVICE LINES: ≥ 3.0 METERS

SERVICES HAVE BEEN OVERLAID FROM SUPPLIED DOCUMENTATION. WE DO NOT TAKE LIABILITY FOR ITS ACCURACY. ALLOW TO CONFIRM ALL UNDERGROUND SERVICES PRIOR TO WORK COMMENCING.

ON TYPE 'K': KNIGHTIA

300-600MM
ONS OF BERMS ARE
NG X 1.11M² EFFECTIVE
IL VOLUME AREA OF
SOIL VOLUME.

INSTALL ROOT BARRIER FOR 1.5 METERS EITHER SIDE THE CENTRE OF THE TREE (SHOWN WITH ORANGE DASHED LINE). READ IN CONJUNCTION WITH SECTIONS.

TREE SELECTION TYPE 'H': HOHERIA
- SIZE CLASS: <300MM

- THIS SECTION OF BERM IS ~71.8 METERS LONG X 0.90M² SECTIONAL SOIL VOLUME AREA OF BERM : 64.62M³ SOIL VOLUME.
- AVERAGE SOIL VOLUME ACHIEVED PER TREE: 10.77M³ (6 OF)

5 METER CLEARANCE TO STREET LIGHTS INDICATED WITH DASHED LINE.

RAIN GARDEN. REFER ENGINEERING PLANS FOR DETAILS.

TREE SELECTION TYPE 'A': FRAXINUS GRIFFITHII, EVERGREEN ASH

- SECTION OF BERM IS ~6.6 METERS LONG X 1.52M² SECTIONAL SOIL VOLUME AREA OF BERM : 10M³ SOIL VOLUME.

TREE SELECTION TYPE 'K': KNIGHTIA EXCELSA
- SIZE CLASS: 300-600MM
- THIS SECTION OF BERM IS ~26 METERS LONG X 0.99M² EFFECTIVE SECTIONAL SOIL VOLUME AREA OF BERM : 25.74M³ SOIL VOLUME.
- AVERAGE SOIL VOLUME ACHIEVED PER TREE: 12.87M³ (2 OF)

INSTALL ROOT BARRIER FOR 1.5 METERS EITHER SIDE THE CENTRE OF THE TREE (SHOWN WITH ORANGE DASHED LINE). READ IN CONJUNCTION WITH SECTIONS.

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TREE SELECTION TYPE 'M': FIELD MAPLE
- SIZE CLASS: <300MM
- BERM WIDTH: 2.5 METERS (1.5M MINIMUM)

- OPTIMAL SOIL VOLUME: 28M³
- MINIMUM SOIL VOLUME: 10M³
- THIS SECTION OF BERM IS ~10.1 METERS LONG X 1.11M² EFFECTIVE SECTIONAL SOIL VOLUME AREA: ~11.2M³ SOIL VOLUME.
- MIN DISTANCES TO FOOTPATHS/ ROAD KERBS/ VEHICLE CROSSINGS: ≥ 0.75 METERS

TREE SELECTION TYPE 'C':CLARET ASH
- SIZE CLASS: 300-600MM
- BERM WIDTH: 2.5 METERS (2.0M MINIMUM)

- OPTIMAL SOIL VOLUME: 35M³
- MINIMUM SOIL VOLUME: 12M³

- THIS SECTION OF BERM IS ~113 METERS LONG X 1.52M² SECTIONAL SOIL VOLUME AREA OF BERM : 171.76M³ SOIL VOLUME.
- AVERAGE SOIL VOLUME PER TREE: 14.31M³ (12 OF)

- MIN DISTANCES TO FOOTPATHS/ ROAD KERBS/ VEHICLE CROSSINGS: ≥1.0 METERS
- MIN DISTANCES FROM THE TRUNK TO UNDERGROUND SERVICES: ≥ 1.5 METERS

TREE SELECTION TYPE 'M': FIELD MAPLE
- SIZE CLASS: <300MM
- BERM WIDTH: 1.85 METERS (1.5M MINIMUM)

- OPTIMAL SOIL VOLUME: 28M³
- MINIMUM SOIL VOLUME: 10M³
- THIS SECTION OF ROAD 1 CONTINUOUS BERM IS ~24.3 METERS LONG X 0.99M² SECTIONAL SOIL VOLUME AREA OF BERM : 24.05M³ SOIL VOLUME
- AVERAGE SOIL VOLUME ACHIEVED PER TREE: 12.02M³ (2 OF)

- MIN DISTANCES TO FOOTPATHS/ ROAD KERBS/ VEHICLE CROSSINGS: ≥ 0.75 METERS
- MIN DISTANCES FROM THE TRUNK TO UNDERGROUND SERVICES: ≥ 1.0 METERS
- MIN DISTANCES FROM THE TRUNK TO UNDERGROUND POWER LINES, EXCLUDING SERVICE LINES: ≥ 2.0 METERS

5 METER CLEARANCE TO STREET LIGHTS INDICATED WITH DASHED LINE.

INSTALL ROOT BARRIER FOR 1.5 METERS EITHER SIDE THE CENTRE OF THE TREE (SHOWN WITH ORANGE DASHED LINE). READ IN CONJUNCTION WITH SECTIONS.

ROAD 01
ROAD 02
ROAD 08

Winter Set
Winter Rise
Summer Set
Summer Rise
N

LEGEND

STREET LIGHT. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.
- DASHED CIRCLE AROUND STREET LIGHT INDICATES THE 5 METER MINIMUM SEPARATION DISTANCE TO STREET TREES.

RAIN GARDEN. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.

SERVICES TRENCHES. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.

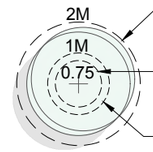
UNDERGROUND SERVICES PIPE. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.

UNDERGROUND SERVICES PIPE. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.

SERVICES MANHOLE. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.

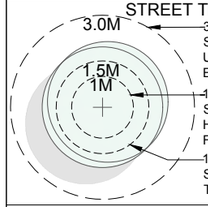
ROOT BARRIER
REFER SPECIFICATION AND NOTES FOR DETAILS.

STREET TREE <300MM CLASS




- 2.0M MIN HORIZONTAL SEPARATION DISTANCE TO UNDERGROUND POWER LINES, EXCLUDING SERVICE LINES.
- 0.75M MIN HORIZONTAL SEPARATION DISTANCE TO HARD SURFACES, FOOTPATHS, ROAD CURBS.
- 1.0M MIN HORIZONTAL SEPARATION DISTANCE TO SERVICES

STREET TREE 300-600MM CLASS




- 3.0M MIN HORIZONTAL SEPARATION DISTANCE TO UNDERGROUND POWER LINES, EXCLUDING SERVICE LINES.
- 1.0M MIN HORIZONTAL SEPARATION DISTANCE TO HARD SURFACES, FOOTPATHS, ROAD CURBS.
- 1.5M MIN HORIZONTAL SEPARATION DISTANCE TO SERVICES

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LANDSCAPE PLANS

# FOR COUNCIL

STREET TREE LANDSCAPE PLAN

REV: 5 DATE: 17/08/2026

SCALES (A3): 1:500

SHEET No. L3.04

TREE SELECTION TYPE 'H': HOHERIA

- SIZE CLASS: <300MM
- BERM WIDTH: 1.35 METERS (BERM WIDTH DOES NOT COMPLY WITH THE MINIMUM WIDTH OF 1.5 METERS FOR <300MM TREES)

- OPTIMAL SOIL VOLUME: 28M³
- MINIMUM SOIL VOLUME: 10M³
- THIS SECTION OF CONTINUOUS BERM IS ~35.8 METERS LONG X 0.58M² SECTIONAL SOIL VOLUME AREA OF BERM : 20.76M³ SOIL VOLUME
- AVERAGE SOIL VOLUME PER TREE: 10.38M³ (2 OF)

- MIN DISTANCES TO FOOTPATHS/ ROAD KERBS/ VEHICLE CROSSINGS: ≥ 0.75 METERS
- MIN DISTANCES FROM THE TRUNK TO UNDERGROUND SERVICES: ≥ 1.0 METERS
- MIN DISTANCES FROM THE TRUNK TO UNDERGROUND POWER LINES, EXCLUDING SERVICE LINES: ≥ 2.0 METERS

SERVICES HAVE BEEN OVERLAID FROM SUPPLIED DOCUMENTATION. WE DO NOT TAKE LIABILITY FOR ITS ACCURACY. ALLOW TO CONFIRM ALL UNDERGROUND SERVICES PRIOR TO WORK COMMENCING.

5 METER CLEARANCE TO STREET LIGHTS INDICATED WITH DASHED LINE.

TREE SELECTION TYPE 'A': EVERGREEN ASH
- SIZE CLASS: <300MM
- OPTIMAL SOIL VOLUME: 28M³
- MINIMUM SOIL VOLUME: 10M³

- THIS SECTION OF BERM IS 11 METERS LONG X 0.99M² EFFECTIVE SECTIONAL SOIL VOLUME AREA: 10.89M³ SOIL VOLUME.

TREE SELECTION TYPE 'A': EVERGREEN ASH

- SIZE CLASS: <300MM
- BERM WIDTH: 1.35 METERS (BERM WIDTH DOES NOT COMPLY WITH THE MINIMUM WIDTH OF 1.5 METERS FOR <300MM TREES)

- OPTIMAL SOIL VOLUME: 28M³
- MINIMUM SOIL VOLUME: 10M³
- THIS SECTION OF BERM IS ~11 METERS LONG X 0.58M² SECTIONAL SOIL VOLUME AREA OF BERM : 6.38M³ SOIL VOLUME (NOTE, SOIL VOLUME IS LESS THAN THE MINIMUM SOIL VOLUME)

- MIN DISTANCES TO FOOTPATHS/ ROAD KERBS/ VEHICLE CROSSINGS: ≥ 0.75 METERS
- MIN DISTANCES FROM THE TRUNK TO UNDERGROUND SERVICES: ≥ 1.0 METERS
- MIN DISTANCES FROM THE TRUNK TO UNDERGROUND POWER LINES, EXCLUDING SERVICE LINES: ≥2.0 METERS

TREE SELECTION TYPE 'A': EVERGREEN ASH
- SIZE CLASS: <300MM
- OPTIMAL SOIL VOLUME: 28M³
- MINIMUM SOIL VOLUME: 10M³

- THESE SECTIONS OF BERMS ARE 10.7 METERS LONG X 0.99M² EFFECTIVE SECTIONAL SOIL VOLUME AREA: 10.59M³ SOIL VOLUME.

TREE SELECTION TYPE 'A': EVERGREEN ASH

- SIZE CLASS: <300MM
- OPTIMAL SOIL VOLUME: 28M³
- MINIMUM SOIL VOLUME: 10M³

- THIS SECTION OF BERM IS ~14 METERS LONG X 0.58M² SECTIONAL SOIL VOLUME AREA OF BERM : 8.12M³ SOIL VOLUME (NOTE, SOIL VOLUME IS LESS THAN THE MINIMUM SOIL VOLUME)

- MIN DISTANCES TO FOOTPATHS/ ROAD KERBS/ VEHICLE CROSSINGS: ≥ 0.75 METERS
- DISTANCES FROM THE TRUNK TO UNDERGROUND SERVICES: ≥ 1.0 METERS
- MIN DISTANCES FROM THE TRUNK TO UNDERGROUND POWER LINES, EXCLUDING SERVICE LINES: ≥2.0 METERS

TREE SELECTION TYPE 'A': EVERGREEN ASH
- SIZE CLASS: <300MM
- OPTIMAL SOIL VOLUME: 28M³
- MINIMUM SOIL VOLUME: 10M³

- THESE SECTIONS OF BERMS ARE 10.1 METERS LONG X 0.99M² EFFECTIVE SECTIONAL SOIL VOLUME AREA: 10M³ SOIL VOLUME.
- MIN DISTANCES TO FOOTPATHS/ ROAD KERBS/ VEHICLE CROSSINGS: ≥ 0.75 METERS
- MIN DISTANCES FROM THE TRUNK TO UNDERGROUND SERVICES: ≥ 1.0 METERS

TREE SELECTION TYPE 'A': EVERGREEN ASH
- SIZE CLASS: <300MM
- OPTIMAL SOIL VOLUME: 28M³
- MINIMUM SOIL VOLUME: 10M³

- THIS SECTION OF BERM IS ~15 METERS LONG X 1.52M² SECTIONAL SOIL VOLUME AREA OF BERM : 22.8M³ SOIL VOLUME.
- AVERAGE SOIL VOLUME ACHIEVED PER TREE: 11.4M³ (2 OF)

5 METER CLEARANCE TO STREET LIGHTS INDICATED WITH DASHED LINE.

TREE SELECTION TYPE 'K': KNIGHTIA EXCELSA
- SIZE CLASS: 300-600MM
- THESE SECTIONS OF BERMS ARE ~12METERS LONG X 1.11M² EFFECTIVE SECTIONAL SOIL VOLUME AREA OF BERM : 13.32M³ SOIL VOLUME.

INSTALL ROOT BARRIER FOR 1.5 METERS EITHER SIDE THE CENTRE OF THE TREE (SHOWN WITH ORANG DASHED LINE). READ IN CONJUNCTION WITH SECTIONS.

TREE SELECTION TYPE 'A': FRAXINUS GRIFFITHII, EVER

- SECTION OF BERM IS ~6.6 X 1.52M² SECTIONAL SOIL V OF BERM : 10M³ SOIL VOLU

SERVICES HAVE BEEN OVERLAID FROM SUPPLIED DOCUMENTATION. WE DO NOT TAKE LIABILITY FOR ITS ACCURACY. ALLOW TO CONFIRM ALL UNDERGROUND SERVICES PRIOR TO WORK COMMENCING.

TREE SELECTION TYPE 'E': TITOKI
- SIZE CLASS: 300-600MM
- BERM WIDTH: 2.5 METERS (2.0M MINIMUM)

- OPTIMAL SOIL VOLUME: 35M³
- MINIMUM SOIL VOLUME: 12M³

- THIS SECTION OF BERM IS ~5.8 METERS LONG X 1.52M² SECTIONAL SOIL VOLUME AREA OF BERM : 8.8M³ SOIL VOLUME. (NOTE, SOIL VOLUME IS LESS THAN THE MINIMUM SOIL VOLUME)

- MIN DISTANCES TO FOOTPATHS/ ROAD KERBS/ VEHICLE CROSSINGS: ≥1.0 METERS
- MIN DISTANCES FROM THE TRUNK TO UNDERGROUND SERVICES: ≥ 1.5 METERS
- MIN DISTANCES FROM THE TRUNK TO UNDERGROUND POWER LINES, EXCLUDING SERVICE LINES: ≥ 3.0 METERS

TREE SELECTION TYPE 'T': PODOCARPUS TOTARA
- SIZE CLASS: 300-600MM
- BERM WIDTH: 2.5 METERS (2.0M MINIMUM)

- OPTIMAL SOIL VOLUME: 35M³

ROAD 2

ROAD 03

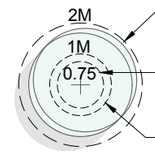
123 122 121 120 119 118 117 16 15 114 113 112 111 73 74 75 76 77 79 83 95 94 93 92 1 89

Winter Set / Winter Rise / Summer Set / Summer Rise

LEGEND

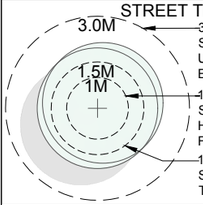
- STREET LIGHT. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS. - DASHED CIRCLE AROUND STREET LIGHT INDICATES THE 5 METER MINIMUM SEPARATION DISTANCE TO STREET TREES.
- RAIN GARDEN. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.
- SERVICES TRENCHES. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.
- UNDERGROUND SERVICES PIPE. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.
- UNDERGROUND SERVICES PIPE. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.
- SERVICES MANHOLE. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.
- ROOT BARRIER REFER SPECIFICATION AND NOTES FOR DETAILS.

STREET TREE <300MM CLASS




- 2.0M MIN HORIZONTAL SEPARATION DISTANCE TO UNDERGROUND POWER LINES, EXCLUDING SERVICE LINES.
- 0.75M MIN HORIZONTAL SEPARATION DISTANCE TO HARD SURFACES, FOOTPATHS, ROAD CURBS.
- 1.0M MIN HORIZONTAL SEPARATION DISTANCE TO SERVICES

STREET TREE 300-600MM CLASS




- 3.0M MIN HORIZONTAL SEPARATION DISTANCE TO UNDERGROUND POWER LINES, EXCLUDING SERVICE LINES.
- 1.0M MIN HORIZONTAL SEPARATION DISTANCE TO HARD SURFACES, FOOTPATHS, ROAD CURBS.
- 1.5M MIN HORIZONTAL SEPARATION DISTANCE TO SERVICES

- READ IN CONJUNCTION WITH COUNCIL CONDITIONS FOR FULL LIST OF SEPARATION DISTANCES FROM UNDERGROUND SERVICES, UTILITY, AND STRUCTURES.

NOTES:
- STREET TREE LOCATIONS ARE INDICATIVE AND ARE SUBJECT TO CHANGE. LOCATIONS TO BE CONFIRMED ON SITE WITH CONTRACTOR/ CONFIRMED WITH CIVIL ENGINEER AGAINST CONSTRUCTION DRAWINGS IN REGARDS TO, (BUT NOT LIMITED TO), SIGHT LINES/ AS-BUILT SERVICE LOCATIONS/ CLEARANCE TO STREET LIGHTING/ VEHICLE CROSSINGS/ ANY OTHER RELEVANT CONSIDERATIONS.
- REFER L4.01 FOR STREET TREE SELECTIONS
- READ IN CONJUNCTION WITH THE SUBDIVISION, ARCHITECTURAL, & ENGINEERING DRAWINGS.
- SITE & SERVICE PLANS SUPPLIED BY OTHERS. WE DO NOT TAKE LIABILITY FOR ITS ACCURACY.

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MURI ROAD
PUKERUA BAY
LANDSCAPE PLANS

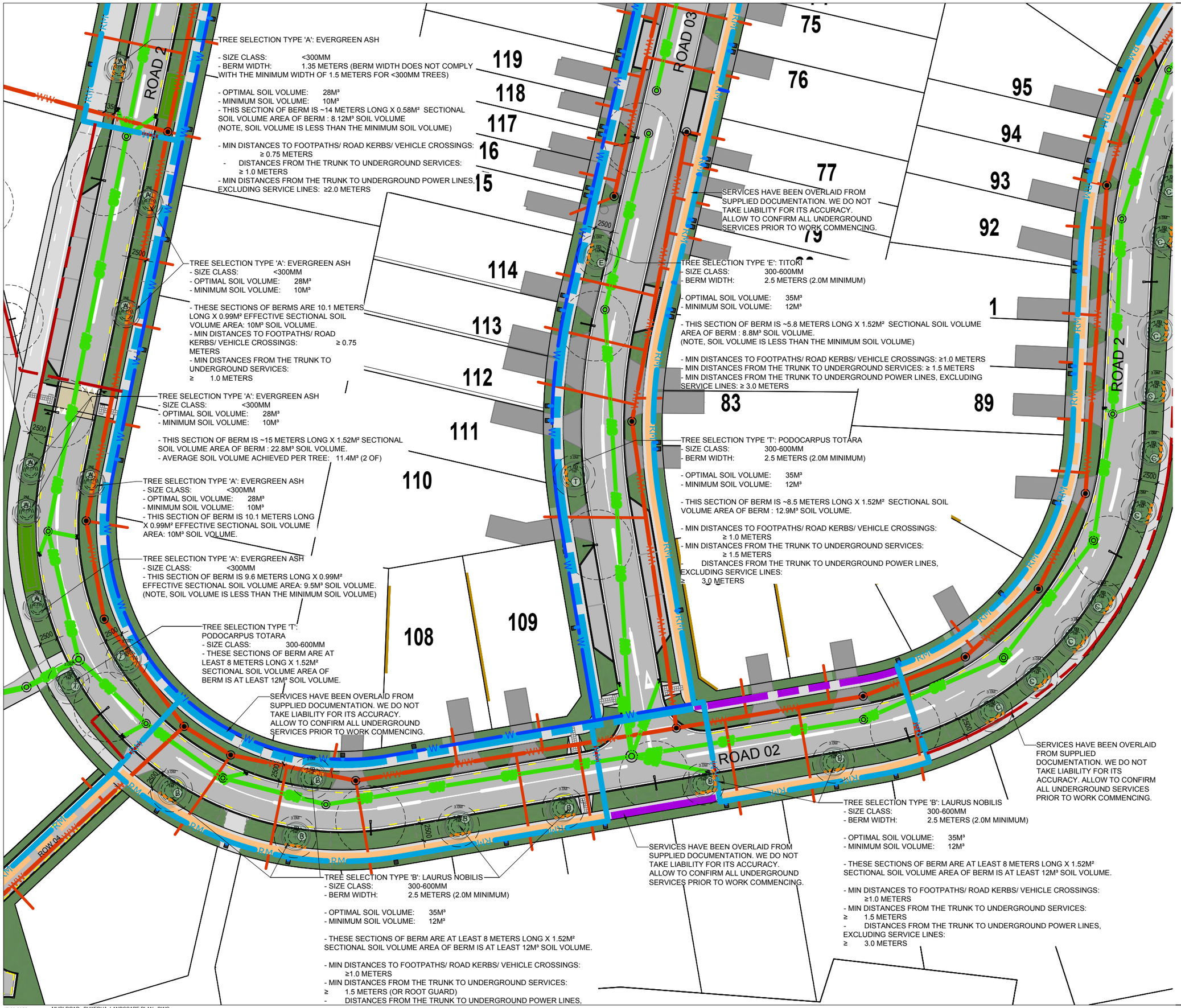
**FOR COUNCIL**

STREET TREE LANDSCAPE PLAN

REV: 5 DATE: 17/08/2026

SHEET No. L3.05

SCALES (A3): 1:500

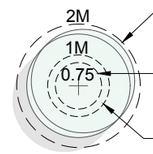



Winter Set
Winter Rise
Summer Set
Summer Rise
N

LEGEND

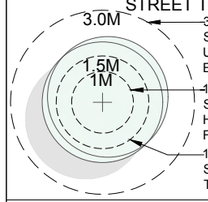
- STREET LIGHT. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS. - DASHED CIRCLE AROUND STREET LIGHT INDICATES THE 5 METER MINIMUM SEPARATION DISTANCE TO STREET TREES.
- RAIN GARDEN. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.
- SERVICES TRENCHES. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.
- UNDERGROUND SERVICES PIPE. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.
- UNDERGROUND SERVICES PIPE. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.
- SERVICES MANHOLE. REFER TO ENVELOPE DOCUMENTATION FOR DETAILS.
- ROOT BARRIER REFER SPECIFICATION AND NOTES FOR DETAILS.

STREET TREE <300MM CLASS




- 2.0M MIN HORIZONTAL SEPARATION DISTANCE TO UNDERGROUND POWER LINES, EXCLUDING SERVICE LINES.
- 0.75M MIN HORIZONTAL SEPARATION DISTANCE TO HARD SURFACES, FOOTPATHS, ROAD CURBS.
- 1.0M MIN HORIZONTAL SEPARATION DISTANCE TO SERVICES

STREET TREE 300-600MM CLASS




- 3.0M MIN HORIZONTAL SEPARATION DISTANCE TO UNDERGROUND POWER LINES, EXCLUDING SERVICE LINES.
- 1.0M MIN HORIZONTAL SEPARATION DISTANCE TO HARD SURFACES, FOOTPATHS, ROAD CURBS.
- 1.5M MIN HORIZONTAL SEPARATION DISTANCE TO SERVICES

- READ IN CONJUNCTION WITH COUNCIL CONDITIONS FOR FULL LIST OF SEPARATION DISTANCES FROM UNDERGROUND SERVICES, UTILITY, AND STRUCTURES.

NOTES:
- STREET TREE LOCATIONS ARE INDICATIVE AND ARE SUBJECT TO CHANGE. LOCATIONS TO BE CONFIRMED ON SITE WITH CONTRACTOR/ CONFIRMED WITH CIVIL ENGINEER AGAINST CONSTRUCTION DRAWINGS IN REGARDS TO, (BUT NOT LIMITED TO), SIGHT LINES/ AS-BUILT SERVICE LOCATIONS/ CLEARANCE TO STREET LIGHTING/ VEHICLE CROSSINGS/ ANY OTHER RELEVANT CONSIDERATIONS.
- REFER L4.01 FOR STREET TREE SELECTIONS
- READ IN CONJUNCTION WITH THE SUBDIVISION, ARCHITECTURAL, & ENGINEERING DRAWINGS.
- SITE & SERVICE PLANS SUPPLIED BY OTHERS. WE DO NOT TAKE LIABILITY FOR ITS ACCURACY.

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# MURI ROAD
# PUKERUA BAY
# LANDSCAPE PLANS

## FOR COUNCIL

## STREET TREE LANDSCAPE PLAN

REV: 5 DATE: 17/08/2026

SCALES (A3): 1:500

SHEET No. L3.06

## STREET TREE NOTES:

- WHERE A TREE IS INSTALLED IN GRASS, ALLOW TO INSTALL A 0.7X0.7M GARDEN EDGE AROUND TREE WITH 50X100 H4 ROUGH SAWN TIMBER GARDEN EDGING, PEGGED INTO THE GROUND. ALLOW TO ALIGN GARDEN EDGING TO BE PARALLEL WITH THE FOOTPATH/ KERB. ALLOW TO FINISH THE SOIL AT LEAST 130MM BELOW ADJACENT FINISH GROUND LEVEL. THIS ALLOWS FOR THE GARDEN TO BE 30MM LOWER THAN THE ADJACENT GROUND WITH 100MM OF MULCH. REFER PAGE L2.06.

- STREET TREE LOCATIONS ARE INDICATIVE. LOCATIONS TO BE CONFIRMED ON SITE WITH CONTRACTOR/ CONFIRMED WITH CIVIL ENGINEER AGAINST CONSTRUCTION DRAWINGS IN REGARDS TO, (BUT NOT LIMITED TO), SIGHT LINES/ AS-BUILT SERVICE LOCATIONS/ CLEARANCE TO STREET LIGHTING/ VEHICLE CROSSINGS/ ANY OTHER RELEVANT CONSIDERATIONS.

## PLANT ATTRIBUTES:

i. ALL STREET TREES SHALL BE A MINIMUM OF 45 LITRES/ PB 95 GRADE, AND MEET THE FOLLOWING CRITERIA:

i. BE A MINIMUM OF 2 METRES HIGH AND MAXIMUM OF 2.5 METERS HIGH, WITH A STEM AND CROWN THAT IS SUFFICIENTLY ROBUST TO BE SELF SUPPORTING WITHOUT THE ASSISTANCE OF NURSERY CANES;

ii. TREE TRUNK SHALL HAVE A CALLIPER RANGE OF **35-42MM**

ij. THE TREE STOCK SHOULD REPRESENT THE TYPICAL FORM FOR THE SPECIES AND CULTIVAR;

iv. THE TREE'S CROWN SHOULD BE WELL-BALANCE AND PROPORTIONATE TO ITS OVERALL HEIGHT;

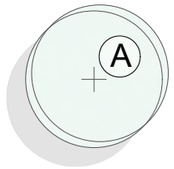
v. BRANCH AND STEM UNIONS SHOULD BE WELL-FORMED AND FREE FROM INCLUSIONS;

vi. LATERAL BRANCHES SHOULD BE SUBORDINATE TO THE CENTRAL LEADER AND EVENLY SPACED ALONG THE CENTRAL STEM; AND

vii. THE TREE SHOULD BE FREE FROM CROSSING LIMBS AND DAMAGE;

j. STREET TREE PLANTING AND MAINTENANCE SHALL BE IN IN ACCORDANCE WITH THE INTERNATIONAL SOCIETY OFARBORICULTURE TREE PLANTING SPECIFICATIONS AND GUIDELINES FOR NEW PLANTINGS AND MULCHING FOUND AT HTTP://WWW.TREESAREGOOD.ORG/PORTALS/0/DOCS/TREECARE/NEW_TREEPLANTING.PDF;

STREET TREES KEY:

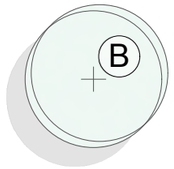



### STREET TREE TYPE 'A'



FRAXINUS GRIFFITHII
EVERGREEN ASH
10 YEAR SIZE: 4X6M
SIZE CLASS: <300MM
EVERGREEN
DROUGHT TOLERANCE: MODERATE
WIND TOLERANCE: MODERATE
SALT TOLERANCE: MODERATE

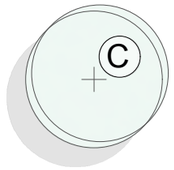
STREET TREES KEY:




### STREET TREE TYPE 'B'



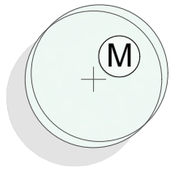
LAURUS NOBILIS
BAY TREE
10 YEAR SIZE: 3X4M
SIZE CLASS: 300-600MM
EVERGREEN
DROUGHT TOLERANCE: HIGH
WIND TOLERANCE: HIGH
SALT TOLERANCE: HIGH




### STREET TREE TYPE 'C'



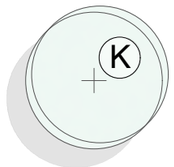
fraxinus angustifolia
'raywoodii'
CLARET ASH
10 YEAR SIZE: 6X10M
SIZE CLASS: 300-600MM
DECIDUOUS
DROUGHT TOLERANCE: MODERATE
WIND TOLERANCE: MODERATE
SALT TOLERANCE: MODERATE




### STREET TREE TYPE 'M'



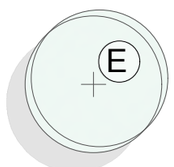
ACER CAMPESTRE
FIELD MAPLE
10 YEAR SIZE: 3X10M
SIZE CLASS: <300MM
DECIDUOUS
DROUGHT TOLERANCE: HIGH
WIND TOLERANCE: MODERATE
SALT TOLERANCE: MODERATE




### STREET TREE TYPE 'K'



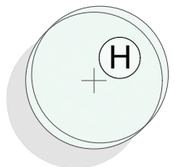
KNIGHTIA EXCELSA
- REWAREWA
10 YEAR SIZE: 4X7M
SIZE CLASS: 300-600MM
EVERGREEN. NATIVE
DROUGHT TOLERANCE: MODERATE
WIND TOLERANCE: MODERATE
SALT TOLERANCE: MODERATE




### STREET TREE TYPE 'E'



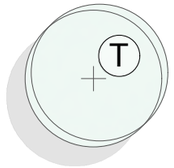
ALECTRYON EXCELSUS
- TITOKI
10 YEAR SIZE: 6X7M
SIZE CLASS: 300-600MM
EVERGREEN. NATIVE
DROUGHT TOLERANCE: MODERATE
WIND TOLERANCE: LOW
SALT TOLERANCE: LOW




### STREET TREE TYPE 'H'



HOHERIA ANGUSTIFOLIA
NARROW-LEAVED LACEBARK
10 YEAR SIZE: 3X6M
SIZE CLASS: <300MM
EVERGREEN, NATIVE
DROUGHT TOLERANCE: MODERATE
WIND TOLERANCE: MODERATE
SALT TOLERANCE: MODERATE




### STREET TREE TYPE 'T'



PODOCARPUS TOTARA
10 YEAR SIZE: 4X6M
SIZE CLASS: 300-600MM
EVERGREEN, NATIVE
DROUGHT TOLERANCE: MODERATE
WIND TOLERANCE: MODERATE
SALT TOLERANCE: MODERATE

## NOTES:

- GROWTH AND MATURE SIZE INFORMATION ARE GIVEN IN GOOD FAITH BUT ARE SUBJECT TO NATURAL VARIABLES BEYOND OUR CONTROL.

- PLANT IMAGES INDICATIVE ONLY.

- ALL PLANTS SHALL BE SUITABLY HARDENED-OFF AND ACCLIMATISED TO LOCAL SITE CONDITIONS PRIOR TO PLANTING.

- REMOVE ALL NURSERY CANES PRIOR TO PLANTING

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MURI ROAD
PUKERUA BAY
LANDSCAPE PLANS

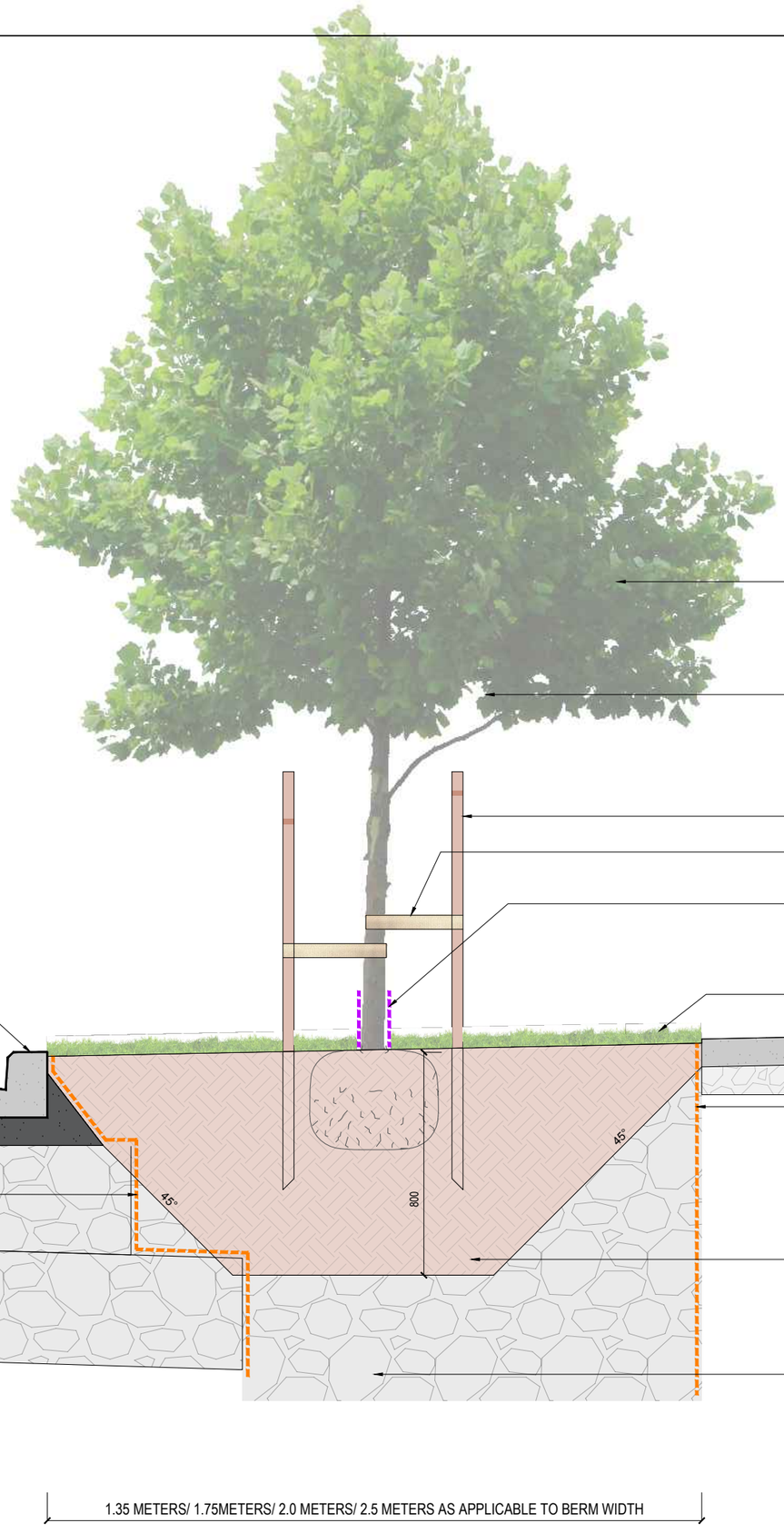
**FOR COUNCIL**

STREET TREE SELECTIONS

REV: 5 DATE: 17/08/2026

SHEET No. L4.01

SCALES (A3): -



STREET TREES ARE SHOWN INDICATIVELY. REFER STREET TREE LANDSCAPE PLAN AND ASSOCIATED PLANTING PALETTE FOR SELECTION.

ALLOW TO PRUNE LOWER BRANCHES AS REQUIRED.

TIMBER STAKES. REFER NOTES FOR SPECIFICATION.

HESSIAN TIES. REFER NOTES FOR SPECIFICATION.
THE STAKES SHOULD BE TIED OFF NO MORE THAN 1/3 OF THE WAY UP THE TREE.

ALLOW FOR TREE GUARDS TO THE BASE OF EACH STREET TREE TRUNK (INDICATED WITH PURPLE DASHED LINE).
- TREE GUARD TO PROTECT BASE OF TRUNK FROM LAWNMOWERS AND LINE TRIMMERS.
- INSTALL AS PER MANUFACTURES REQUIREMENTS. ENSURE SELECTED TREE GUARDS HAVE HOLES FOR AIR CIRCULATION AND ARE UV RESISTANT.
- ALLOW TO SELECT A NATURAL COLOUR.

GRASS. FINISH TOP SOIL 15MM BELOW ADJACENT HARDSCAPING.

CONCRETE FOOTPATH BY OTHERS,

FOOTPATH

ROOT BARRIER SHOWN WITH ORANGE DASHED LINE, WHERE REQUIRED AS A SEPARATION TO SERVICES OR HARD SURFACES. REFER SPECIFICATIONS FOR DETAILS.
- ROOT BARRIER LOCATION VARIES, REFER STREET TREE PLAN FOR INDICATIVE LOCATION, LOCATION TO BE CONFIRMED ON SITE AGAINST AS-BUILT SERVICES PLAN.
- ROOT BARRIER TO BE AT LEAST 0.6 METERS DEEP.
- ALLOW TO EXTEND ROOT BARRIER 0.2 METERS LOWER THAN THE UNDERSIDE OF THE ADJACENT PIPE OR SERVICES TRENCH.

TOP SOIL AS PER SPECIFICATION.

ALLOW FOR DRAINAGE LAYER UNDER SOIL VOLUME. DRAINAGE LAYER/ SUBBASE EXTENT SHOWN INDICATIVELY.

CARRIAGE WAY

CONCRETE NIB & HAUNCHING BY OTHERS

CARRIAGEWAY BY OTHERS SHOWN INDICATIVELY

ROOT BARRIER SHOWN WITH ORANGE DASHED LINE, WHERE REQUIRED AS A SEPARATION TO SERVICES OR HARD SURFACES. REFER SPECIFICATIONS FOR DETAILS.

45°

45°

800

1.35 METERS/ 1.75METERS/ 2.0 METERS/ 2.5 METERS AS APPLICABLE TO BERM WIDTH

| BERM WIDTH | SECTIONAL SOIL VOLUME AREA |
|---|---|
| 1.35 METERS | 0.58M² |
| 1.75 METERS | 0.90M² |
| 1.85 METERS | 0.99M² |
| 2.5 METERS | 1.52M² |

1 TREE IN BERM DETAIL
SCHEMATIC
SCALE 1:20

DOCUMENTS TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS, CONSULTANTS DOCUMENTS, MANUFACTURER'S INSTALLATION GUIDES, & MAINTENANCE SCHEDULES. PROJECT MANAGER TO ENSURE ALL REQUIRED & UPDATED DOCUMENTS ARE OBTAINED & DISTRIBUTED APPROPRIATELY.

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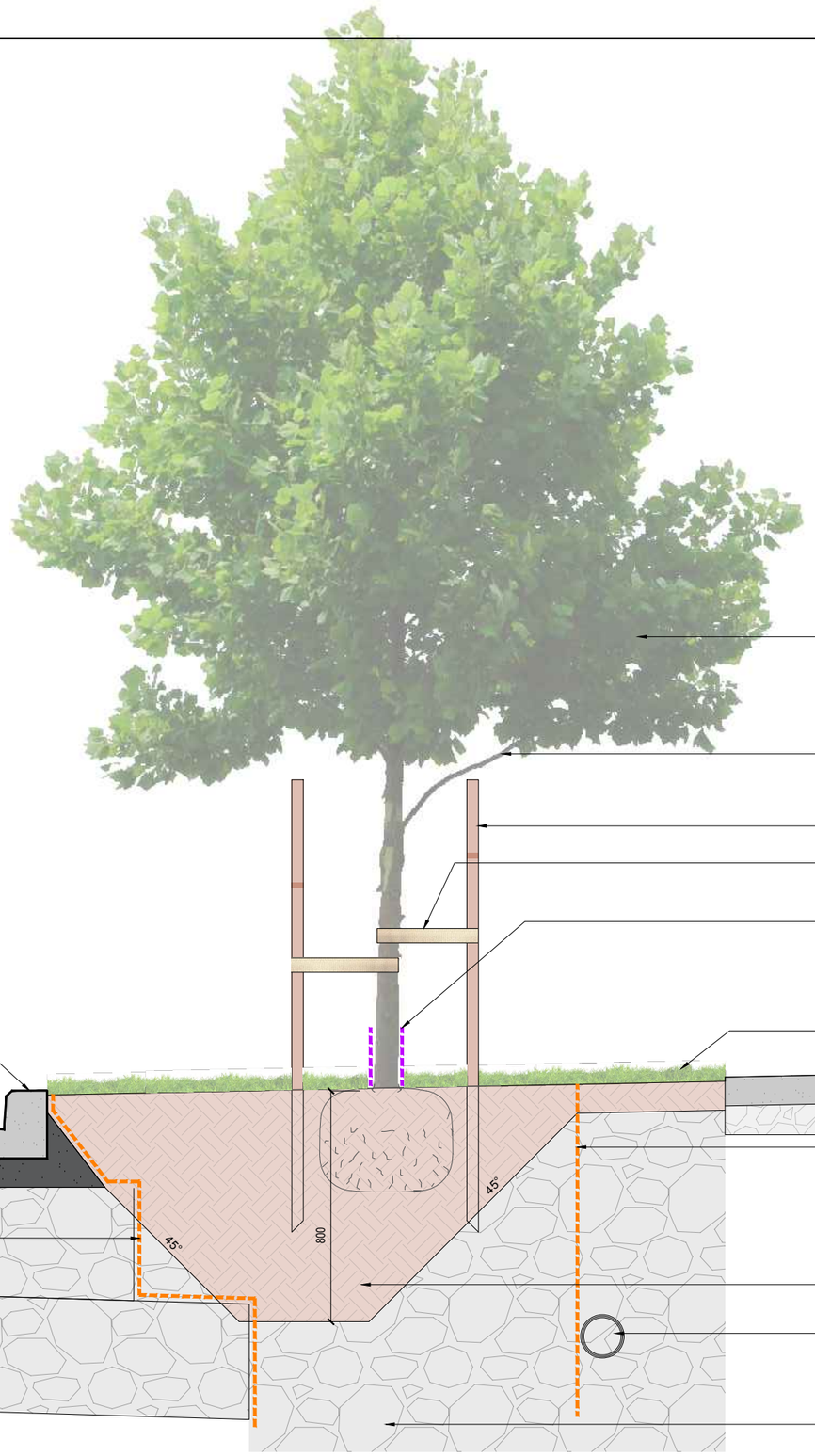
**FOR COUNCIL**

STREET TREE SECTION

REV: 5 DATE: 17/08/2026

SHEET No. L4.02

SCALES (A3): 1:20



CARRIAGE WAY

CONCRETE NIB & HAUNCHING BY OTHERS

CARRIAGEWAY BY OTHERS SHOWN INDICATIVELY

ROOT BARRIER SHOWN WITH ORANGE DASHED LINE, WHERE REQUIRED AS A SEPARATION TO SERVICES OR HARD SURFACES. REFER SPECIFICATIONS FOR DETAILS.

STREET TREES ARE SHOWN INDICATIVELY. REFER STREET TREE LANDSCAPE PLAN AND ASSOCIATED PLANTING PALETTE FOR SELECTION.
- PLACE TREE IN THE CENTER OF THE BERM, EVEN IF THE SOIL VOLUME IS OFF-CENTER TO BE CLEAR OF UNDERGROUND SERVICES.

ALLOW TO PRUNE LOWER BRANCHES AS REQUIRED.

TIMBER STAKES. REFER NOTES FOR SPECIFICATION.

HESSIAN TIES. REFER NOTES FOR SPECIFICATION.
THE STAKES SHOULD BE TIED OFF NO MORE THAN 1/3 OF THE WAY UP THE TREE.

ALLOW FOR TREE GUARDS TO THE BASE OF EACH STREET TREE TRUNK (INDICATED WITH PURPLE DASHED LINE).
- TREE GUARD TO PROTECT BASE OF TRUNK FROM LAWNMOWERS AND LINE TRIMMERS.
- INSTALL AS PER MANUFACTURES REQUIREMENTS. ENSURE SELECTED TREE GUARDS HAVE HOLES FOR AIR CIRCULATION AND ARE UV RESISTANT.
- ALLOW TO SELECT A NATURAL COLOUR.

GRASS. FINISH TOP SOIL 15MM BELOW ADJACENT HARDSCAPING.

CONCRETE FOOTPATH BY OTHERS,

FOOTPATH

ROOT BARRIER SHOWN WITH ORANGE DASHED LINE, WHERE REQUIRED AS A SEPARATION TO SERVICES OR HARD SURFACES. REFER SPECIFICATIONS FOR DETAILS.
- ROOT BARRIER LOCATION VARIES, REFER STREET TREE PLAN FOR INDICATIVE LOCATION, LOCATION TO BE CONFIRMED ON SITE AGAINST AS-BUILT SERVICES PLAN.
- ROOT BARRIER TO BE AT LEAST 0.6 METERS DEEP.
- ALLOW TO EXTEND ROOT BARRIER 0.2 METERS LOWER THAN THE UNDERSIDE OF THE ADJACENT PIPE OR SERVICES TRENCH.

TOP SOIL AS PER SPECIFICATION.

SERVICE SHOWN INDICATIVELY. READ IN CONJUNCTION WITH ENVELOPE SERVICES PLAN.

ALLOW FOR DRAINAGE LAYER UNDER SOIL VOLUME. DRAINAGE LAYER/ SUBBASE EXTENT SHOWN INDICATIVELY.

45°

800

45°

1.35METERS/ 1.85 METERS/ 2.0 METERS EFFECTIVE BERM WIDTH FOR SOIL VOLUME, TO SUIT CLEARANCES TO UNDERGROUND SERVICES

1.35 METERS/ 1.75METERS/ 2.0 METERS/ 2.5 METERS AS APPLICABLE TO BERM WIDTH

| EFFECTIVE BERM WIDTH | SECTIONAL SOIL VOLUME AREA |
|---|---|
| 1.35 METERS | 0.58M² |
| 1.85 METERS | 0.99M² |
| 2.0 METERS | 1.11M² |

1 TREE IN BERM DETAIL
SCHEMATIC
SCALE 1:20

DOCUMENTS TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS, CONSULTANTS DOCUMENTS, MANUFACTURER'S INSTALLATION GUIDES, & MAINTENANCE SCHEDULES. PROJECT MANAGER TO ENSURE ALL REQUIRED & UPDATED DOCUMENTS ARE OBTAINED & DISTRIBUTED APPROPRIATELY.

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READ IN CONJUNCTION WITH THE SUBDIVISION, ARCHITECTURAL, & ENGINEERING DRAWINGS. REFER DRAWINGS BY OTHERS FOR RETAINING WALLS, BARRIERS WITH FALLS OVER 1M, STAIRS, DECKS & SITE DRAINAGE. LANDSCAPE PLANS ARE INDICATIVE AND ARE SUBJECT TO CHANGE. ALLOW TO CONFIRM ALL LAYOUTS BEFORE CONSTRUCTION COMMENCES. FLOOR PLANS AND SITE PLANS SUPPLIED BY OTHERS. WE DO NOT TAKE LIABILITY FOR ITS ACCURACY.

MURI ROAD
PUKERUA BAY
LANDSCAPE PLANS

**FOR COUNCIL**

STREET TREE SECTION

REV: 5 DATE: 17/08/2026

SCALES (A3): 1:20

SHEET No. L4.03

**INDICATIVE IMAGE:**



**ITEM/ GENERAL SPECIFICATION AS APPLICABLE:**

## MAINTENANCE

- OWNER OF THE PROPERTY IS TO ENSURE THAT LANDSCAPING AREAS ARE MAINTAINED IN A MANNER AND DURATION TO COMPLY WITH COUNCIL REQUIREMENTS.

- MAINTENANCE INCLUDES ANY OPERATIONS NECESSARY TO ASSURE GOOD PLANT GROWTH AND ATTAIN A TIDY WEED FREE APPEARANCE, INCLUDING BUT NOT LIMITED TO: REGULAR WATERING AS NECESSARY, WEEDING, CULTIVATING, PRUNING, CONTROLLING OF INSECTS, FUNGAL AND OTHER DISEASES.

- REPAIR BROKEN STAKES AND TIES AND REPLACE TREES, SHRUBS, PLANTS AND AREAS OF LAWN THAT DIE TO THE SAME STANDARD AS DESCRIBED IN THIS SPECIFICATION OR AS AGREED WITH THE LOCAL TERRITORIAL AUTHORITY.

- OWNERS TO MAINTAIN PLANTS TO ENSURE THAT THEY DO NOT OVER HANG AND BECOME A TRIP HAZARD ON PATHS.

- OWNERS TO KEEP TRIANGLE OF VISIBILITY FROM THE DRIVEWAY CLEAR OF OBSTRUCTIONS.

- OWNERS TO MAINTAIN SPECIMEN TREES TO ALLOW CLEAR VEHICULAR AND PEDESTRIAN ACCESS UNDER TREE CANOPIES.



- FINAL GRASS SELECTION (REAL OR ARTIFICIAL), TO BE CONFIRMED BY CLIENT.



KARAEHE - GRASS, SOWN

CERTIFIED MIXTURE OF GRASS SEED TO SUIT LOCAL SITE CONDITIONS, WITH A HIGH GERMINATION RATE, AND BE FUNGICIDE AND BIRD-REPELLENT TREATED. SEED SHALL BE LESS THAN 1 YEARS OLD AT TIME OF SOWING.

### PREPARATION OF GRASS AREAS

REPLACE SUBSTANDARD SOIL WITH 150MM LAYER OF TOPSOIL. ROTARY HOE IN TWO DIRECTIONS TO A DEPTH OF 150MM AND BRING UP TO THE REQUIRED TOPSOIL STANDARD. RAKE TO A FINE TILTH, LEVEL AND SMOOTH WITH RUN-OFFS TO DRAINAGE OUTLETS. APPLY SELECTIVE HERBICIDE.

THOROUGHLY SPRAY GRASS AREAS WHICH CONTAIN WEED GROWTH WITH A NON-SELECTIVE HERBICIDE. APPLY USING PROTECTIVE CLOTHING, IN DRY, STILL-AIR CONDITIONS TO THE SPRAY MANUFACTURER'S REQUIREMENTS.

### SOWING GRASS

REPLACE UNSATISFACTORY SOIL WITH 150MM LAYER OF TOPSOIL. ROTARY HOE IN TWO DIRECTIONS TO A DEPTH OF 150MM. RAKE TO A FINE TILTH, LEVEL AND SMOOTH WITH RUN-OFFS TO DRAINAGE OUTLETS. APPLY SELECTIVE HERBICIDE. SPREAD PRE-PLANT FERTILISER AT THE REQUIRED RATE FOR LAWN. SPREAD GRASS SEED AT HALF THE REQUIRED RATE IN EACH OF TWO DIRECTIONS AT RIGHT ANGLES, USING AN APPROVED SPREADER. LIGHTLY RAKE IN AND ROLL. WATER DEEPLY AND KEEP MOIST WITHOUT ANY RUN-OFF OF WATER UNTIL GERMINATION IS COMPLETE. CONTINUE WATERING AS NECESSARY UNTIL THE END OF THE CONTRACT. FIRST CUT ONLY WHEN GROWTH IS A MINIMUM OF 100MM AND ONLY DOWN TO 50MM.

GRASS, TURFED

- LAWN GRASSES IN SELECTED NETTED TOPSOIL, TO FINISH AS A DEEP, GREEN, WEED-FREE, PEST-FREE, UNIFORM, CLOSE DENSITY LAWN TURF.

- TAKE NECESSARY PRECAUTIONS NOT TO DAMAGE TURF OR DRY OUT TURF IN TRANSIT. REJECT DRIED OUT OR DAMAGED SECTIONS OF TURF.

### LAYING GRASS TURF

CULTIVATE THOROUGHLY AREA TO BE TURFED TO A DEPTH OF 100-150MM AND ROUGHLY LEVEL. CONSOLIDATE BY HEELING AND RAKE TO REQUIRED LEVELS, FINISHING 15MM BELOW KERBS AND PATHS. ADD FERTILISER, RAKING IT IN TO THE TOP 30-50MM AND BRING TO A SMOOTH, LEVEL SURFACE. LEAVE TO SETTLE FOR A DAY. MOISTEN IF DRY. PLACE TURF MATS ACROSS THE SLOPE IN STRAIGHT LINES, TIGHTLY BUTTED AND WITH JOINTS STAGGERED AND TO CORRECT LEVELS. CUT AROUND TREES, BUILDINGS AND BORDERS WITH A SHARP KNIFE. LIGHTLY ROLL AND DEEP WATER IMMEDIATELY AFTER LAYING. DEEP WATER LATE EVERY DAY FOR 3 WEEKS AND CONTINUE WEEKLY UNTIL THE END OF THE CONTRACT.

## RECOMMENDED PLANTING SPECIFICATIONS:

### PROVIDE TREES WHICH ARE:

- FREE FROM PESTS AND DISEASES
- TRUE TO NAME SPECIFIED ON LANDSCAPE PLAN AND TAGGED WITH THE GROWERS' OWN TAG
- IN A MINIMUM CONTAINER SIZE AS SHOWN ON THE PLANTING SCHEDULE
- HEALTHY AND VIGOROUS, WITH WELL DEVELOPED ROOT SYSTEMS, IN BALANCE WITH THE AMOUNT OF FOLIAGE GROWTH, WELL BRANCHED AND SYMMETRICALLY SHAPED OF A NORMAL HABIT
- GROWN UNDER SOIL AND CLIMATIC CONDITIONS THAT ARE NOT SUBSTANTIALLY DIFFERENT FROM THAT OF THE CONTRACT AREA
- REJECT ALL ROOT BOUND PLANTS AND THOSE WITH SPIRALLY BOUND ROOT SYSTEMS (UNLESS YOU ARE SATISFIED THAT YOU CAN SATISFACTORILY BARE ROOT AND UNTANGLE THE ROOTS).

### PREPARATION OF PLANTING AREAS- INSTALLATION OF PLANT MIX SOIL

- INSTALL 200MM LAYER OF PLANT MIX SOIL TO PLANTING AREAS/ ALLOW TO REPLACE SUBSTANDARD SOIL AS REQUIRED. PLACE IN 100MM LAYERS, LIGHTLY COMPACTED BY HEELING OR ROLLING. ALLOW TO SLOPE TOP SOIL AWAY FROM BUILDINGS, OTHERWISE ALLOW TO SLIGHTLY MOUND IN THE CENTRE OF THE GARDEN BED. ALLOW TO COMPLETE AT LEAST A WEEK BEFORE PLANTING TO ALLOW THE SOIL TO SETTLE.

- THOROUGHLY SPRAY PLANTING AREAS WHICH CONTAIN WEED GROWTH WITH A NON-SELECTIVE HERBICIDE. APPLY USING PROTECTIVE CLOTHING, IN DRY, STILL-AIR CONDITIONS TO THE SPRAY MANUFACTURER'S REQUIREMENTS. REFER TO THE SELECTED PRODUCT GUIDELINES FOR THE STAND DOWN TIME BETWEEN SPRAYING AND PLANTING.

- THE FINISHED GARDEN LEVEL IS TAKEN FROM THE TOP OF THE 100MM BARK COVER, NOT THE FINISHED SOIL HEIGHT, I.E. TOP OF BARK SHOULD BE 225MM MIN BELOW FLOOR LEVEL (UNLESS SPECIFICALLY NOTED ELSEWHERE), AND THE TOP OF SOIL SHOULD BE 325MM BELOW FLOOR LEVEL.

### PREPARATION FOR PLANTING IN CLAY SOILS

- ALLOW TO EXCAVATE EXISTING CLAY/ SUBSTANDARD SOILS AS REQUIRED TO ALLOW FOR 200MM DEEP OF PLANT MIX SOIL, 100MM DEEP BARK, WHILE ACHIEVING THE REQUIRED FINISHED GARDEN HEIGHT/ MINIMUM CLEARANCES TO FLOOR LEVEL ETC.

- BEFORE INSTALLING PLANT MIX SOIL, ALLOW TO SCARIFY THE BASE AND SIDES OF THE CLAY AND MIX IN PEAT OR A GYPSUM. ALLOW TO PROVIDE DRAINAGE BENEATH PLANTING IN IMPERVIOUS SOILS.

### SITING

- POSITION AND SPACE OUT TREES AND SHRUBS IN LOCATIONS AND QUANTITIES SHOWN ON THE DRAWINGS. ORGANISE PLANTING TO AVOID UNDUE COMPACTION OF PLANTING AREAS. RE-CULTIVATE ANY HEAVILY COMPACTED AREAS PRIOR TO PLANTING.

- REPORT THE EXISTENCE OF ANY BURIED SERVICES OR CONCRETE FOOTINGS RESTRICTING THE ACCURATE PLACEMENT OF PLANTS TO THE CONTRACT ADMINISTRATOR FOR INSTRUCTION.

### POUNGA, PREPARATION FOR PLANTING LARGE TREES

- EXCAVATE PLANTING HOLES TO TWICE THE DIAMETER AND 1½ TIMES THE DEPTH OF THE ROOTBALL. WHERE DEPTH EXCEEDS THE DEPTH OF THE TOPSOIL, CARRY ON DOWN INTO SUBSOIL A FURTHER 150MM, BREAKING IT UP AND MIXING IN PEAT OR A CLAY-KILLER BEFORE REPLACING. ALLOW TO SCARIFY THE SIDES OF HOLES IN CLAY SOILS AND PROVIDE DRAINAGE BENEATH PLANTING IN IMPERVIOUS SOILS.

- PLACE PLANT MIX TO SUPPORT THE ROOTBALL AT A LEVEL TO ALLOW THE TOP TO FINISH FLUSH WITH SURROUNDING GROUND.

### PLANTING LARGE TREES

- DRIVE TWO PLUMB STAKES, LOCATED TO AVOID WIND-CONTACT WITH THE TREE OR SHRUB AT OPPOSITE SIDES OF THE PLANTING HOLE (READ IN CONJUNCTION WITH STAKE SPECIFICATIONS).

- REMOVE NURSERY POT AND ALLOW TO ASSESS ROOT STRUCTURE. REJECT ALL ROOT BOUND PLANTS AND THOSE WITH SPIRALLY BOUND ROOT SYSTEMS (UNLESS YOU ARE SATISFIED THAT YOU CAN SATISFACTORILY BARE ROOT AND UNTANGLE THE ROOTS).

- ALLOW TO CORRECT ANY POOR ROOT STRUCTURE BY TEASING OUT AND STRAITEN ROOTS AS REQUIRED. ROOTS SHOULD SPREAD OUTWARD FROM THE BASE LIKE SPOKES ON A WHEEL. FIBROUS ROOTS CAN BE STRAIGHTEN OUT BY HAND DURING PLANTING.

- KEEPING ROOTBALL INTACT IF PRACTICABLE AND PLACE EACH PLANT PLUMB WITH ITS BEST SIDE FACING INTO THE PREVAILING WIND.

- BACKFILL IN 150MM LAYERS USING ROD OR FINGERS TO EVENLY FIRM WITHOUT COMPACTION TO A LEVEL THAT WILL ALLOW THE TOP OF THE ROOT BALL TO FINISH FLUSH WITH SURROUNDING GROUND.

- WHEN COMPLETED, FIRM EACH PLANT IN BY HEELING. TIE PLANTS AT 2/3 THE HEIGHT OF THE MAIN STEM LEAVING ENOUGH PLAY FOR A SMALL AMOUNT OF NATURAL MOVEMENT.

- WATER IN IMMEDIATELY AFTER PLANTING TO SATURATION LEVEL IN SURROUNDING SOIL AND THOROUGHLY WET ALL FOLIAGE.

### FINISHING PLANTING TREES

- PLACE PLANTS PLUMB WITH ITS BEST SIDE FACING INTO THE PREVAILING WIND. POSITION THE PLANT SO THAT THE FINISHED SOIL LEVEL IS FLUSH WITH SURROUNDING GROUND AND IS AT THE SAME DEPTH IT STOOD IN THE NURSERY.

- WHILE HOLDING THE PLANT UPRIGHT, BEGIN BACKFILLING THE HOLE GENTLY USING FINGERS TO ELIMINATE AIR POCKETS AND TO EVENLY FIRM WITHOUT COMPACTION, BEFORE FINALLY FIRMING THE PLANT WITH THE BASE OF THE PALM OF THE HAND.

- IMMEDIATELY SOAK THE ROOTS COMPLETELY WITH WATER UNTIL SATURATE. IF AIR POCKETS DEVELOP, ADD MORE SOIL.

- SPREAD 100MM LAYER OF BARK MULCH OVER NEWLY PLANTED AREAS (REFER BARK SPECIFICATION REQUIREMENTS), ENSURING THAT BARK IS NOT MOUNDED UP AROUND PLANTS AND THAT ANY DRAINAGE MATERIAL IS UNDISTURBED AND ALL BURIED SERVICES ARE UNDAMAGED. INSTALL BARK ABOVE ROOTBALL, ENSURING IT IS NOT MOUNDED UP AROUND TRUNKS (ALLOW TO CREATE A 'WELL' AROUND THE TREE TRUNK).

## PLANTING NOTES:

- PLANTING OPERATIONS SHALL BE CARRIED OUT DURING THE PERIOD FROM 1 APRIL TO 30 SEPTEMBER.

- PLANT TREES, PLANTS AND SHRUBS AS SOON AS POSSIBLE AND NO LATER THAN 3 DAYS AFTER DELIVERY, KEEPING THE ROOTBALL MOIST.

- ENSURE THAT ALL AREAS ARE CLEAN, READY TO BE WORKED AND CLEAR OF ANY CONTINUING WORK BY OTHERS.

- DO NOT INSTALL PLASTIC WEED MAT.

**MYRTLE FAMILY:** CONTRACTOR TO FOLLOW PROTOCOLS AND PRECAUTIONS OF NZ PLANT PRODUCERS INC. (NZPPI) FOR PLANTS IN THE MYRTLE FAMILY (FAMILY MYRTACEAE). IMMEDIATELY REPORT ANY SUSPECTED MYRTLE RUST TO THE PROPERTY OWNER AND MINISTRY FOR PRIMARY INDUSTRIES (MPI).

### HERBICIDES

- POST-EMERGENCE SELECTIVE CHEMICAL TO CONTROL BROADLEAF WEEDS AND/OR A NON-SELECTIVE CHEMICAL. APPLY USING PROTECTIVE CLOTHING, IN DRY, STILL-AIR CONDITIONS TO THE SPRAY MANUFACTURER'S REQUIREMENTS. REFER TO THE SELECTED PRODUCT GUIDELINES FOR THE STAND DOWN TIME BETWEEN SPRAYING AND PLANTING.

### SLOW RELEASE FERTILIZER TABLETS- PLANTS AND TREES

- ADD GROW TAB(S) FERTILIZER AT THE BASE OF ROOT BALL MIXED IN WITH TOP SOIL AT THE TIME OF PLANTING.

- ALLOW TO ADD AS PER THE MANUFACTURES RECOMMENDED RATIO BETWEEN PLANT HEIGHT TO THE NUMBER OF TABLETS.

- ALLOW TO READ IN CONJUNCTION WITH THE SELECTED MANUFACTURES DOCUMENTATION.

- THE FERTILISER SHALL BE SLOW RELEASE, NON-BURNING COMPLETE NPK (NITROGEN, PHOSPHOROUS, POTASSIUM) RATIO OF 5:5.5:4.1 (OR SIMILAR RATIO), WITH ADDED MICRO-NUTRIENTS IRON, SULPHUR AND MAGNESIUM.

- ADD GYPSUM, BLOOD AND BONE AND POTASH WHERE REQUIRED BY SOIL COMPOSITION OR PLANT TYPE.

### FERTILISER - GRASS SEEDING OR TURFING

- PRE-PLANT, SLOW RELEASE, NON-BURNING COMPLETE NPK (NITROGEN/PHOSPHOROUS/POTASSIUM) RATIO OF 20:11:10 WITH ADDED MICRO-NUTRIENTS IRON, SULPHUR AND MAGNESIUM.

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MURI ROAD
PUKERUA BAY
LANDSCAPE PLANS

**FOR COUNCIL**

STREET TREE SPECIFICATIONS

REV: 5 DATE: 17/08/2026

SCALES (A3): -

SHEET No. L4.04

**INDICATIVE IMAGE:** **ITEM/ GENERAL SPECIFICATION AS APPLICABLE:**

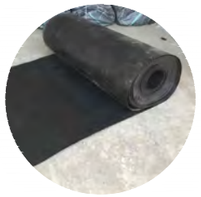


## TAEPU, PLANT MIX

BACKFILLING GARDENS THOROUGHLY MIXED MEDIUM OF 30% PEAT AND 70% TOPSOIL BY VOLUME.

TOP SOIL SHOULD BE GOOD QUALITY LOAM OF A WORKABLE CONSISTENCY STRIPPED FROM ITS ORIGINAL LOCATION TO A MAXIMUM DEPTH OF 200MM AND IS:

- IS FREE OF PERNICIOUS WEEDS, CLAY LUMPS, STRAW, AND STONES.
- FREE OF FOREIGN MATTER EXCEEDING 25MM DIMENSION.
- PH VALUE BETWEEN 6.5 AND 7.5
- HUMUS CONTENT GREATER THAN 50%.
- TAKE PRECAUTIONS WHEN HANDLING, ALWAYS WEAR A MASK AND GLOVES. AVOID BREATHING DUST AND MISTS. KEEP SOIL MOIST AND WASH HANDS IMMEDIATELY AND THOROUGHLY AFTER USE.



## ROOT BARRIER

- ALLOW FOR A ROOT BARRIER BETWEEN TREE PLANTING AND UNDERGROUND SERVICES.
- ALLOW TO INSTALL AS PER SELECTED MANUFACTURE'S SPECIFICATIONS.

ROOT BARRIER SHALL BE:
- 1MM MINIMUM THICK
- HIGH-DENSITY POLYETHYLENE (HDPE, RECYLCED OR VIRGIN)
- BE PLACED 200MM BELOW ADJACENT SERVICES. NOTE, SERVICE DEPTH VARIES, ALLOW TO
- MINIMUM OF 600MM DEEP
- ROOT BARRIERS SHOULD BE INSTALLED AS CLOSE TO THE STRUCTURE BEING PROTECTED AS POSSIBLE, WHILE ALLOWING FOR CONSTRUCTION AND MAINTENANCE REQUIREMENTS OF THE STRUCTURE BEING PROTECTED.
- ROOT BARRIERS SHOULD BE INSTALLED FOR A DISTANCE OF 1.5 METRES EITHER SIDE THE CENTRE POINT OF THE PROPOSED TREE, AND FREE OF BREAKS OR GAPS.
- ROOT BARRIER JOINS SHOULD BE JOINED AS PER MANUFACTURES INSTALLATION INSTRUCTIONS, AND BE OVERLAPPED AND FULLY TAPED SO THAT IT IS FREE OF ANY BREAKS OR GAPS.
- ROOT BARRIERS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTION.
- THE TOP OF THE ROOT BARRIER SHALL TERMINATE AT THE FINAL BARK OR SOIL LEVEL/ OR WITH 50MM MIN OVERLAP TO CONTINUOUS HARDSCAPING SURFACES.
- SIDES OF THE SOIL VOLUME AREA SHOULD BE REASONABLY SMOOTH AND ANY SHARP PROTRUSIONS THAT COULD PUNCTURE ROOT BARRIER SHOULD BE REMOVED.
- ALLOW TO PLACE THE ROOT BARRIER ALONG THE PERIMETER OF THE BERM/ OR AS REQUIRED TO SEPARATE THE TREE FROM ANY UNDERGROUND SERVICES. ALLOW TO CONFIRM ON SITE.

**INDICATIVE IMAGE:** **ITEM/ GENERAL SPECIFICATION AS APPLICABLE:**



## TREE GUARD

- ALLOW FOR TREE GUARDS TO THE BASE OF EACH STREET TREE TRUNK.
- PRODUCT SELECTION TBC, ALLOW TO COORDINATE WITH PCC.
- TREE GUARD TO PROTECT BASE OF TRUNK FROM LAWNMOWERS AND LINE TRIMMERS.
- INSTALL AS PER MANUFACTURES REQUIREMENTS. ENSURE SELECTED TREE GUARDS HAVE HOLES FOR AIR CIRCULATION AND ARE UV RESISTANT.
- ALLOW TO SELECT A NATURAL COLOUR.

## STAKES AND TIES FOR SPECIMEN TREES

a. TREES WITH 45 LITRE POTS (PB 95) REQUIRE 2 OPPOSING 1.5 METER LONG X 50 MM X 50 MM SOFTWOOD STAKES.

   TREES WITH 80 LITRE POTS (PB 150) REQUIRE 3 STAKES IN TRIANGLE FORMATION, 1.8 METER LONG X 50 MM X 50 MM SOFTWOOD STAKES.

b. STAKES SHALL BE SET OUTSIDE THE LINE OF THE TREE ROOT BALL, FIXED INTO UNDISTURBED SOIL AND AT LEAST 500 MM OR ONE-THIRD OF THE STAKE'S LENGTH TO BE BELOW GROUND TO ENSURE MAXIMUM FIRMNESS. IN SOME INSTANCES, STAKES MAY NEED TO BE DRIVEN DEEPER TO ACHIEVE REQUIRED FIRMNESS.

c. TO AVOID DAMAGING ROOTS, STAKES MUST BE LOCATED AT LEAST 50 MM FROM THE EDGE OF THE ROOT BALL.

d. GENERALLY, STAKES SHOULD BE ALIGNED PARALLEL TO THE KERB LINE OF CARRIAGEWAYS. IN WIND EXPOSED SITES STAKE POSITIONING SHOULD BE ORIENTATED IN THE DIRECTION OF PREVAILING WIND.

e. TREE MUST BE SECURED USING SEMI-PERMANENT 50 MM WEBBING (I.E. REINFORCED HESSIAN) AND THERE SHALL BE A MINIMUM OF ONE TIE PER STAKE. FIGURE 8 SHOWS RECOMMENDED TREE TIE CONFIGURATIONS.

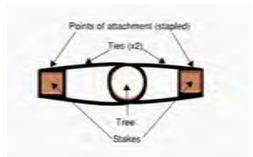



**FIGURE 8 - TREE TIE CONFIGURATION**

f. TIES SHOULD BE SUFFICIENTLY TIGHT TO SUPPORT THE TREE AND RESTRICT ROOT BALL MOVEMENT TO PREVENT NEWLY FORMED FIBROUS ROOTS BEING BROKEN, BUT ALLOW SOME MOVEMENT OF THE STEM AND CROWN.

g. THE TIES SHALL BE ATTACHED NO HIGHER THAN ONE-THIRD OF THE WAY UP THE TOTAL HEIGHT OF THE TREE.

h. NURSERY CANES SHALL BE REMOVED AT THE TIME OF PLANTING. IF A TREE IS NOT SELF-SUPPORTING WITHOUT CANES IT SHALL NOT BE PLANTED.

**NOTES:**
- IMAGES ARE INDICATIVE ONLY. FINAL FINISH, COLOUR AND STYLE TO BE CONFIRMED BETWEEN CONTRACTOR AND CLIENT.

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- DOCUMENTS TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS, CONSULTANTS DOCUMENTS, MANUFACTURER'S INSTALLATION GUIDES, GUARANTEES, AND MAINTENANCE SCHEDULES. CONTRACTOR TO ENSURE ALL REQUIRED & UPDATED DOCUMENTS ARE OBTAINED & DISTRIBUTED APPROPRIATELY.

- REFER DRAWINGS BY OTHERS FOR RETAINING WALLS, BARRIERS WITH FALLS OVER 1M, STAIRS, DECKS & SITE DRAINAGE.

- LANDSCAPE PLANS ARE INDICATIVE AND ARE SUBJECT TO CHANGE.

- ALLOW TO CONFIRM ALL LAYOUTS BEFORE CONSTRUCTION COMMENCES. FLOOR PLANS AND SITE PLANS SUPPLIED BY OTHERS. WE DO NOT TAKE LIABILITY FOR ITS ACCURACY.

- FINAL FINISH OF CONCRETE TO BE CONFIRMED WITH ARCHITECTURAL DESIGNER TO COMPLY WITH D1/AS1 SLIP RESISTANCE FOR PATHS. CONTRACTOR ALLOW TO CONFIRM (LIKELY BROOMED FINISH (CLASS 5 OR 6), WOOD FLOAT FINISH (CLASS U2) OR APPROVED EXPOSED AGGREGATE FINISH).

- CONTRACTOR TO ALLOW TO FINISH THE TOP SOIL AT LEAST 130MM BELOW ADJACENT FINISH GROUND LEVEL. THIS ALLOWS FOR THE GARDEN TO BE 30MM LOWER THAN THE ADJACENT GROUND WITH 100MM OF BARK.

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PUKERUA BAY
LANDSCAPE PLANS

**FOR COUNCIL**

STREET TREE SPECIFICATIONS

REV: 5 DATE: 17/08/2026

SCALES (A3): -

SHEET No. L4.05



PRINT IN COLOUR

## LANDSCAPING SPECIFICATION AND NOTES:

- DRAWINGS AND SPECIFICATIONS HAVE BEEN PREPARED ON THE UNDERSTANDING THAT THE BUILDING CONTRACTOR(S) HAS SOUND KNOWLEDGE AND EXPERIENCE, AND COMPETENCY FOR THE SCOPE OF WORKS. WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH RELEVANT AND LATEST CODES, TECHNIQUES AND SUPPLIER REQUIREMENTS.

- DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE RELEVANT & CURRENT STANDARDS, CODES, MANUALS, INSTALLATION GUIDES, MAINTENANCE SCHEDULES, MANUFACTURES REQUIREMENTS, MATERIALS & TECHNIQUES OF PRODUCTS. THESE HAVE NOT BEEN PROVIDED, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN THESE FROM THE VARIOUS SUPPLIERS. THESE DOCUMENTS SHALL BE TAKEN AS REFERENCE TO LATEST VERSION INCLUDING AMENDMENTS (AS AT THE DATE OF THE ORIGINAL PURCHASE).

- READ IN CONJUNCTION WITH, BUT NOT LIMITED TO, ENGINEERING, SUBDIVISION AND ARCHITECTURAL DRAWINGS.

- FLOOR PLANS AND SITE PLANS INCLUDING BOUNDARIES AND VEHICULAR TRACKING CURVES, FROM ARCHITECT/ SURVEYOR. WE DO NOT TAKE LIABILITY FOR ITS ACCURACY. REFER TO PLANS BY OTHERS FOR BOUNDARY LOCATIONS. LANDSCAPE PLANS OFTEN SHOW WIDER AREAS AROUND THE SITE FOR CONTEXT.

- ASSUMPTIONS REGARDING EXISTING SITE CONDITIONS MAY BE MADE IN THE PROCESS OF PREPARING DOCUMENTATION. ALLOW TO CONFIRM THE LOCATION AND SIZE OF ALL ITEMS WHICH ARE DENOTED AS EXISTING. THE ACTUAL HEIGHTS AND SIZES MAY VARY DUE TO NATURAL VARIATIONS IN GROWTH OR SITE CONDITIONS. ALL ITEMS WHICH ARE NOTED AS EXISTING ARE TO REMAIN IF PRACTICABLE AT THE DISCRETION OF THE ONSITE CONSTRUCTION MANAGER.

- LANDSCAPE PLAN IS INDICATIVE AND ARE SUBJECT TO CHANGE. ALLOW TO VERIFY ALL SITE FEATURES ON SITE BEFORE LANDSCAPE WORK COMMENCES.

- STREET TREES LOCATIONS, IF PROVIDED, ARE INDICATIVE. LOCATIONS TO BE CONFIRMED BY SURVEYOR AGAINST FINIAL SURVEY PLANS IN RESPECT TO CLEARANCE TO STREET LIGHTS, VEHICLE SIGHT LINES, VEHICLE CROSSINGS, SERVICES, AND ANY OTHER RELEVANT SITE FEATURES.

- NOTIFY THE DESIGNER IMMEDIATELY OF ANY OMISSIONS AND/OR DISCREPANCIES IN DRAWINGS AND/ OR DEVIATION FROM ANY ONSITE CONDITIONS. FAILURE TO NOTIFY IN TIMELY MANNER SHALL RESULT IN CONTRACTOR TAKING ANY AND ALL REMEDIAL MEASURES REQUIRED.

- REFER DRAWINGS BY OTHERS FOR LEVELS, RETAINING WALLS, STAIRS, DECKS, BARRIERS WITH A FALL OVER 1M AND SITE DRAINAGE.

- THE LAYOUT OF ANY STAIRS OR DECKS ARE INDICATIVE. REFER DOCUMENTATION BY OTHERS FOR STAIR/ DECK DETAILS INCLUDING, BUT NOT LIMITED TO; ALL STRUCTURAL/ CONSTRUCTION DETAILING, HANDRAILS, NUMBER OF TREADS, RISER AND TREAD SIZE.

- ENSURE GARDENS ARE 225MM MIN BELOW FINISHED FLOOR LEVEL. ENSURE PERMANENT PAVING 175MM MIN BELOW FINISHED FLOOR LEVEL.

- SHED SELECTION (I.E. SIZE/ COLOUR), ASSOCIATED DISTRICT PLAN REQUIREMENTS (I.E. SITE COVERAGE/ BUILDING SETBACK), AND BUILDING CONSENT REQUIREMENTS (I.E. ANY CONSTRUCTION OR FIRE RATING REQUIREMENTS) TO BE ADDRESSED BY THE CLIENT.

- DO NOT SCALE OFF DRAWINGS. REFER TO FIGURED DIMENSIONS ONLY. PLANS HAVE BEEN DIGITALLY REPRODUCED AND MAY NOT BE TO SCALE. IF PRINTING PLEASE SET PRINTER TO "NO SCALING" OR "ACTUAL SIZE". DIMENSIONS ARE TO CENTERLINE OF FENCES GENERALLY.

- BEFORE AND DURING CONSTRUCTION OF THIS PROJECT THE BUILDER INCHARGE OF THE SITE SHALL ADHERE TO HEALTH & SAFETY AT WORK ACT & CARRY OUT A SITE HAZARD EVALUATION. IF AT ANY STAGE A SPECIFIC HAZARD TO THE PUBLIC PRESENTS IT SELF, BUILDER SHALL ENSURE SAFETY TO THE PUBLIC BY ERECTING SITE FENCES TO PREVENT PUBLIC ACCESS IN KEEPING WITH SECTION F5 OF THE NEW ZEALAND BUILDING CODE. SAFETY OF LIFE AND PROPERTY MUST BE STRICTLY OBSERVED.

- WHERE DRAWINGS ARE EMAILED THE CONTENTS ARE CONFIDENTIAL AND LEGALLY PRIVILEGED. IF YOU ARE NOT THE INTENDED RECIPIENT YOU MAY NOT COPY, DISCLOSE OR USE THE CONTENTS IN ANY WAY.

- THE DESIGNER IS NOT INVOLVED IN PROJECT OBSERVATION. IT IS THE RESPONSIBILITY OF THE CLIENT TO ENSURE CONSTRUCTION IS IN ACCORDANCE WITH THE DRAWINGS.

- ENSURE TO ADJUST LOCATIONS OF FENCES AND WATER TANKS TO AVOID CLASHES ON SITE WITH WINDOWS OR OTHER ARCHITECTURAL FEATURES, EVEN IF THE LOCATION DIFFERS FROM THE LANDSCAPING PLANS. THE ARCHITECTURAL PLANS ARE SUPPLIED AT RESOURCE CONSENT STAGE AND ARE SUBJECT TO CHANGE.

## LANDSCAPING SPECIFICATION AND NOTES:

- THERE ARE OFTEN SEVERAL DRAWING ITERATIONS ISSUED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK THAT THE CURRENT DRAWINGS ARE BEING USED BEFORE ANY CONSTRUCTION OR PREFABRICATION.

- PLEASE GET IN CONTACT WITH THE LANDSCAPE DESIGNER FOR A QUANTITY SCHEDULE. IF YOU HAVE ONE ALREADY SUPPLIED,IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THAT IT IS UP TO DATE WITH THE CURRENT LANDSCAPE PLAN.

- BEFORE WORK COMMENCES BUILDER TO LOCATE ALL RELEVANT PEGS/ BOUNDARIES (NOT FENCE LINES). IF ANY INCONSISTENCY IS FOUND OR NOT ALL RELEVANT PEGS/ BOUNDARIES CAN BE LOCATED A LICENSED CADASTRAL SURVEYOR SHOULD RE PEG THE SECTION TO ENSURE AN ACCURATE SET OUT.

- DRAWINGS ARE THE EXCLUSIVE PROPERTY HOUSE OF ORANGE DESIGN LTD, THEY SHALL NOT BE TRACED, COPIED OR REPRODUCED OR USED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF HOUSE OF ORANGE DESIGN LTD

- NO ALLOWANCE FOR CONSIDERATION OF PLANTS FOR CHILDREN AND ANIMALS UNLESS REQUESTED IN WRITING BY THE CLIENT.

- WHERE FENCES/ SCREENS ARE INSTALLED INFRONT OF WATER TANKS, ALLOW TO SCREW FIX THE PALINGS TO ALLOW FOR FUTURE ACCESS.

- ALLOWANCE TO INDICATION OF SIGHTLINE AREAS FOR VEHICLES ENTERING AND EXITING THE SITE TO ASNZS 2890.1-2004, FIGURE 3.3. NO ALLOWANCE FOR SIGHT DISTANCE REQUIREMENTS AT ACCESS DRIVEWAYS TO 3.2.4/ 3.2.4 FIGURE 3.2 (TO BE COMPLETED BY ARCHITECTURAL DESIGNER TO FEEDBACK ANY COMMENTS TO LANDSCAPE DESIGNER AS REQUIRED).

- AERIAL PHOTOGRAPHS ARE SUBJECT TO VARIOUS DISTORTIONS AND INACCURACIES AND SHOULD NOT BE WHOLLY RELIED UPON.

**GENERAL NOTES:**

- CHECK FOR SERVICES IN THE AREA OF THIS WORK. AVOID INTERFERENCE OR DAMAGE TO THEM.

- ALL PROPOSED FINISHED LANDSCAPING LEVELS TO CONFORM TO NZS 3604, SECTION 6.14, PREVENTION OF DAMPNESS AND SECTION 7.5.2, FINISHED FLOOR LEVELS AND FOUNDATION EDGE CONSTRUCTION, IN RELATION TO ANY ADJOINING HABITABLE FLOOR LEVELS. MAINTAIN THE REQUIRED COVER OVER ANY BURIED SERVICES.

- CONFIRM LOCATION OF ANY UNDERGROUND SERVICES & CABLING PRIOR TO ANY DIGGING.

- TREES PLANTED NEAR DRAINS SHOULD BE REPLACED PERIODICALLY DEPENDING ON THE TREE GROWTH RATE (IF ROOT GUARDS ARE NOT USED). FAST GROWING TREES SHOULD BE REPLACED EVERY 10 YEARS.

- ON COMPLETION ALLOW TO CLEAN UP AROUND AROUND THE AREA OF WORKS. REMOVE ALL SURPLUS SOIL, UNUSED MATERIALS AND PLANTS, FROM THE SITE.

- FINAL FINISH OF ACCESS PATHS TO BE CONFIRMED WITH ARCHITECTURAL DESIGNER TO COMPLY WITH D1/AS1 SLIP RESISTANCE FOR PATHS. CONTRACTOR ALLOW TO CONFIRM (EG. FOR CONCRETE BROOMED FINISH (CLASS 5 OR 6), WOOD FLOAT FINISH (CLASS U2) OR APPROVED EXPOSED AGGREGATE FINISH).

ARCHAEOLOGICAL DISCOVERY- ANTIQUITIES AND ITEMS OF VALUE

- REPORT THE FINDING OF ANY FOSSILS, ANTIQUITIES AND OTHER ITEMS OF VALUE, TO THE CONTRACT ADMINISTRATOR. ALL TO REMAIN UNDISTURBED UNTIL APPROVAL IS GIVEN FOR REMOVAL.

- PRE-1900, ITEMS OR EVIDENCE OF HUMAN ACTIVITY ON THE SITE, COME UNDER THE HISTORIC PLACES TRUST ACT 1993. IF SUCH ITEMS OR EVIDENCE IS DISCOVERED WORK MUST STOP IMMEDIATELY AND THE CONTRACT ADMINISTRATOR MUST BE NOTIFIED IMMEDIATELY. THE SITE MAYBE CLASSIFIED AS AN ARCHAEOLOGICAL SITE UNDER THE ACT, AND THE CONTRACT ADMINISTRATOR OR OWNER MUST CONTACT THE NZ HISTORIC PLACES TRUST FOR AUTHORITY TO PROCEED.

- POST-1900 ITEMS REMAIN THE PROPERTY OF THE OWNER, PRE-1900 ITEMS MAY REMAIN THE PROPERTY OF THE OWNER OR THE CROWN SUBJECT TO WHAT IS FOUND.

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MURI ROAD
PUKERUA BAY
LANDSCAPE PLANS

**FOR COUNCIL**

STREET TREE SPECIFICATIONS

REV: 5 DATE: 17/08/2026

SHEET No.

L4.06

SCALES (A3):
-




Winter Set | Winter Rise | Summer Set | Summer Rise

N

NOTES:

- STREET TREE LOCATIONS ARE INDICATIVE. LOCATIONS TO BE CONFIRMED ON SITE WITH CONTRACTOR/ CONFIRMED WITH CIVIL ENGINEER AGAINST CONSTRUCTION DRAWINGS IN REGARDS TO, (BUT NOT LIMITED TO), SIGHT LINES/ AS-BUILT SERVICE LOCATIONS/ CLEARANCE TO STREET LIGHTING/ VEHICLE CROSSINGS/ ANY OTHER RELEVANT CONSIDERATIONS.

- REFER L2.04 FOR STREET TREE SELECTIONS (TO BE CONFIRMED BY COUNCIL)

- READ IN CONJUNCTION WITH THE SUBDIVISION, ARCHITECTURAL, & ENGINEERING DRAWINGS.

- REFER DRAWINGS BY OTHERS FOR RETAINING WALLS, BARRIERS WITH FALLS OVER 1M, STAIRS, DECKS & SITE DRAINAGE.

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# MURI ROAD
# PUKERUA BAY
# LANDSCAPE PLANS

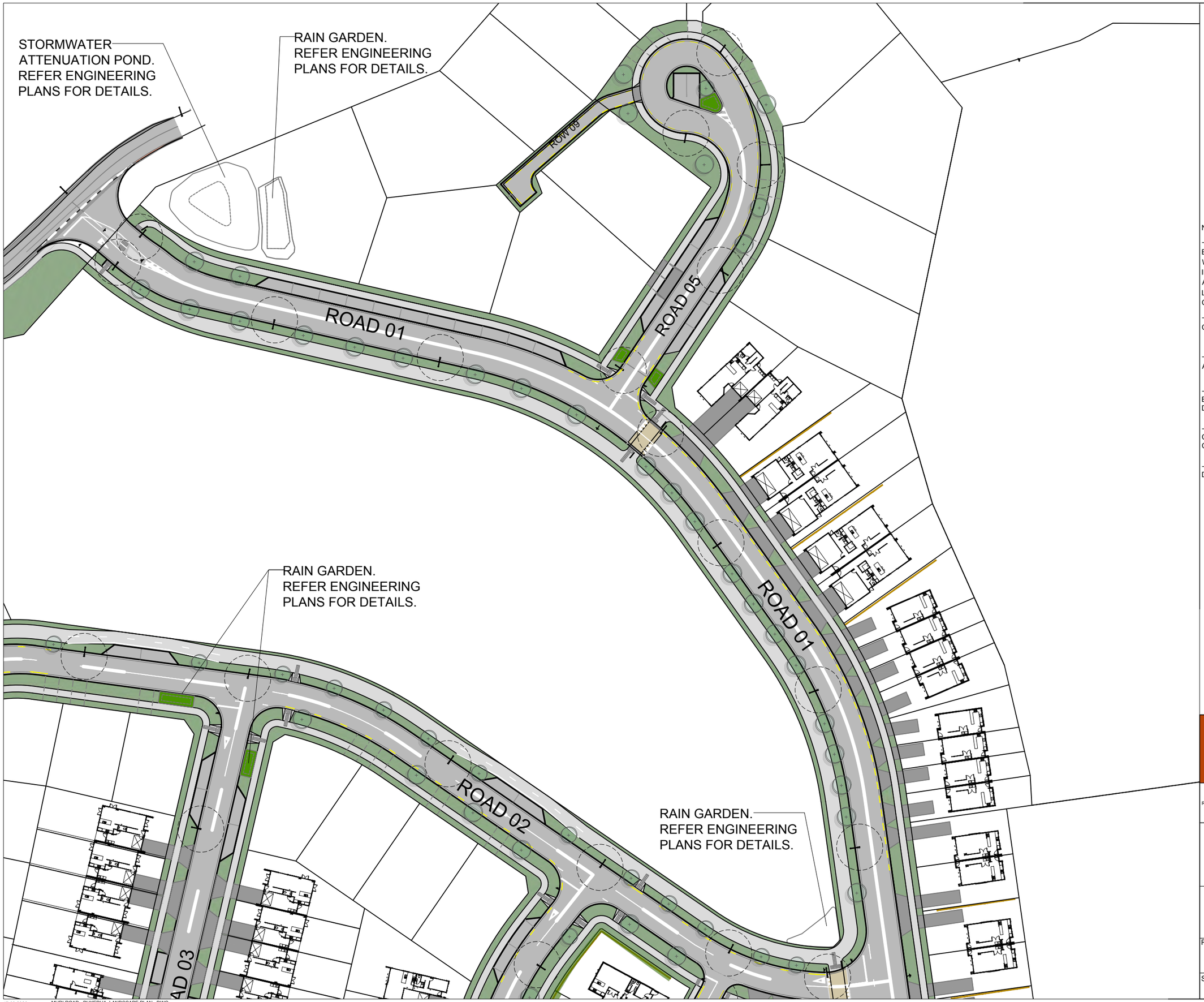
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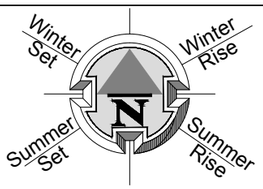
## SCOPE AREA

REV: 5 DATE: 17/08/2026

SHEET No. L0.01

SCALES (A3): 1:2,000




NOTES:

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LANDSCAPE PLANS

**FOR COUNCIL**
ENLARGED STREET TREE LANDSCAPE PLAN

REV: 5 DATE: 17/08/2026

SCALES (A3): 1:750

SHEET No. L0.02



PRINT IN COLOUR

REFER ENGINEERING
PLANS FOR DETAILS.

RAIN GARDEN.
REFER ENGINEERING
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RAIN GARDEN.
REFER ENGINEERING
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RDEN.
NGINEERING
OR DETAILS.

ROAD 02

ROAD 03

ROAD 02

ROAD 02

ROAD 08

ROAD 02

ROW 04

Winter Set

Winter Rise

N

Summer Set

Summer Rise

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PUKERUA BAY
LANDSCAPE PLANS

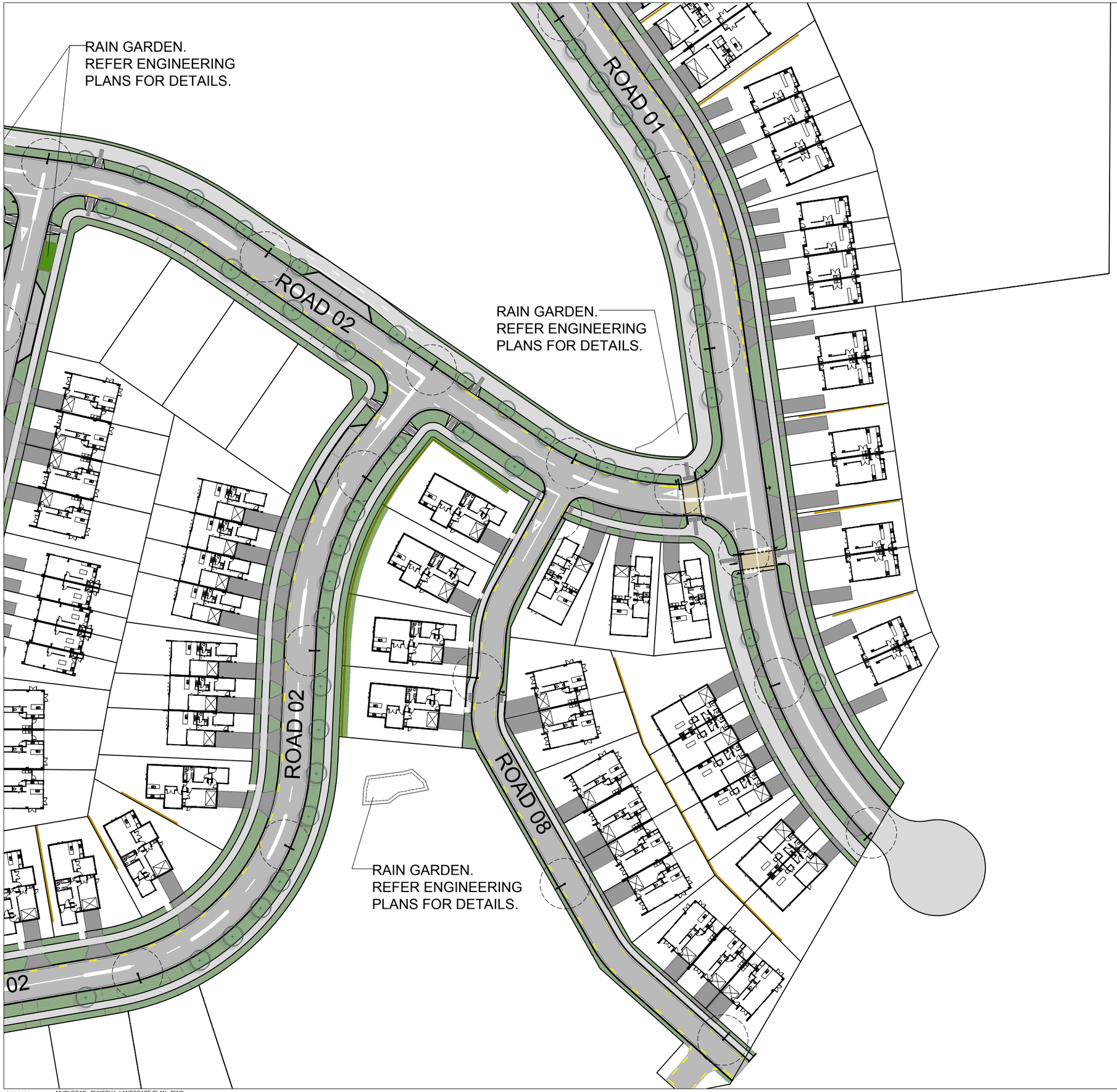
**FOR COUNCIL**

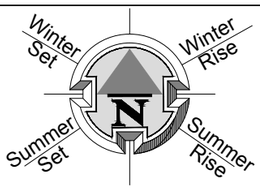
# ENLARGED STREET TREE LANDSCAPE PLAN

REV: 5 DATE: 17/08/2026

SHEET No. L0.03

SCALES (A3): 1:750




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MURI ROAD
PUKERUA BAY
LANDSCAPE PLANS

# FOR COUNCIL
## ENLARGED STREET TREE LANDSCAPE PLAN

REV: 5 DATE: 17/08/2026

SCALES (A3): 1:750

SHEET No. L0.04



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