## LOCATION PLAN

Scale: NTS

## LANDSCAPE ITEMS

- Site boundary outline
- Steel edging - refer to typical detail
- 1.8m fence to side boundary - colour and style to be nom. by client
- Landscape garden space - refer to the Landscape Plan
- Bluestone ballast
- Sandstone ballast
- Deco-granite surface

## EXISTING TREES

- Trees proposed to be removed and replaced with new landscaping
- Existing trees proposed to be retained and protected
- Trees Protection zone -refer project arborist's report
- Structural root zone -refer project arborist's report

## DRAWING SCHEDULE

| SHEET # | DRAWING TITLE | REV. |
|---|---|---|
| /0 | HARDSCAPE PLAN | A |
| /1 | TREE SURVEY 1 | A |
| /2 | TREE SURVEY 2 | A |
| /3 | LANDSCAPE PLAN1 | A |
| /4 | LANDSCAPE PLAN2 | A |
| /5 | LANDSCAPE PLAN3 | A |
| /6 | LANDSCAPE PLAN4 | A |
| /7 | LANDSCAPE PLAN5 | A |
| /8 | LANDSCAPE PLAN6 | A |
| /9 | DETAILS & SPECIFICATION | A |
| /10 | PLANTING PALETTES | A |

GENERAL NOTE:

Figured dimensions take preference to scale readings. Verify all dimensions on site. PDF/d plans may vary slightly in Scale for that indicated on plans. Report any discrepancies to the Landscape Architect before proceeding with the work.

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0 1 2 3 5 10 15 30
1:300

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COUNCIL
NORTHERN BEACHES

CLIENT
Centennial

| REV | DATE | NOTATION/AMENDMENT |
|---|---|---|
| SK1 | 18.09.2025 | Preliminary plan prepared for review |
| SK2 | 20.10.2025 | Coordinated with updated architectural plans |
| A | 28.10.2025 | Issued for DA |

PROJECT:
PROPOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELOPMENT
120 OLD PITTWATER ROAD,
BROOKVALE

TITLE:
HARDSCAPE PLAN

STATUS:
DEVELOPMENT APPLICATION

SCALE: 1:300 @ A1
DATE: OCT 2025

PROJECT No: LPDA 26 - 61
PAGE NUMBER: 0
DRAWN: L.Z
CHECKED: R.F

| Tree ID | Common Name | Botanical Name | Age Class | Height (m) | Canopy Spread Radius (m) | Stem 1 | Stem 2 | Stem 3 | Stem 4 | Stem 5 | Stem 6 | DBH (mm) | DAB (mm) | Health | Structure | Amenity Value | SULE | Retention Value | TPZ Radius (m) | SRZ Radius (m) | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Tallowood | *Eucalyptus microcorys* | Mature | 18 | 6 | 780 | | | | | | 780 | 890 | Good | Fair | High | 1. Long | AA | 9.4 | 3.2 | Asymmetric crown shape. |
| 2 | Tallowood | *Eucalyptus microcorys* | Mature | 16 | 4.5 | 590 | | | | | | 590 | 670 | Good | Good | High | 1. Long | AA | 7.1 | 2.8 | None |
| 3 | Bangalay | *Eucalyptus botryoides* | Mature | 17 | 4.5 | 630 | | | | | | 630 | 730 | Good | Good | High | 1. Long | AA | 7.6 | 2.9 | None. |
| 4 | Swamp Mahogany | *Eucalyptus robusta* | Semi-mature | 10 | 3 | 320 | | | | | | 320 | 360 | Good | Good | Medium | 1. Long | A1 | 3.8 | 2.2 | None. |
| 5 | Spotted Gum | *Corymbia maculata* | Mature | 20 | 6 | 850 | | | | | | 850 | 990 | Good | Good | High | 1. Long | AA | 10.2 | 3.3 | None. |
| 6 | Cheese Tree | *Glochidion ferdinandi* | Mature | 8 | 3 | 350 | | | | | | 350 | 390 | Good | Good | Medium | 1. Long | A1 | 4.2 | 2.2 | None. |
| 7 | River She Oak | *Casuarina cunninghamiana* | Mature | 12 | 2.5 | 510 | | | | | | 510 | 560 | Good | Good | Medium | 1. Long | A1 | 6.1 | 2.6 | None. |
| 8 | Queensland Brushbox | *Lophostemon confertus* | Semi-mature | 8 | 3.5 | 430 | | | | | | 430 | 500 | Good | Good | Medium | 1. Long | A1 | 5.2 | 2.5 | None. |
| 9 | River She Oak | *Casuarina cunninghamiana* | Mature | 13 | 3.5 | 550 | | | | | | 550 | 630 | Good | Fair | Medium | 1. Long | A1 | 6.6 | 2.7 | Asymmetric crown shape. |
| 10 | Weeping Bottlebrush | *Callistemon viminalis* | Semi-mature | 6 | 1.5 | 250 | | | | | | 250 | 280 | Fair | Fair | Low | 3. Short | Z4 | 3.0 | 1.9 | Low foliage density for species. |
| 11 | Queensland Brushbox | *Lophostemon confertus* | Semi-mature | 6 | 2 | 180 | | | | | | 180 | 200 | Good | Fair | Low | 1. Long | Z1 | 2.2 | 1.7 | Minor trunk lean. |
| 12 | Weeping Bottlebrush | *Callistemon viminalis* | Semi-mature | 5 | 1.5 | 140 | | | | | | 140 | 160 | Fair | Fair | Low | 2. Medium | Z10 | 2.0 | 1.5 | Suppressed form. |
| 13 | River She Oak | *Casuarina cunninghamiana* | Mature | 14 | 3 | 500 | | | | | | 500 | 570 | Good | Good | Medium | 1. Long | A1 | 6.0 | 2.6 | None. |
| 14 | River She Oak | *Casuarina cunninghamiana* | Mature | 14 | 3.5 | 580 | | | | | | 580 | 650 | Good | Good | Medium | 1. Long | A1 | 7.0 | 2.8 | None. |
| 15 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 1.5 | 290 | | | | | | 290 | 330 | Fair | Fair | Medium | 2. Medium | Z10 | 3.5 | 2.1 | Suppressed form. |
| 16 | River She Oak | *Casuarina cunninghamiana* | Mature | 12 | 2.5 | 420 | | | | | | 420 | 470 | Good | Good | Medium | 1. Long | A1 | 5.0 | 2.4 | None. |
| 17 | River She Oak | *Casuarina cunninghamiana* | Mature | 12 | 2.5 | 400 | | | | | | 400 | 460 | Good | Fair | Medium | 1. Long | A1 | 4.8 | 2.4 | Asymmetric crown shape. |
| 18 | Queensland Brushbox | *Lophostemon confertus* | Mature | 8 | 3.5 | 570 | | | | | | 570 | 620 | Good | Fair | Medium | 2. Medium | A2 | 6.8 | 2.7 | Power lines pruned through crown. |
| 19 | Queensland Brushbox | *Lophostemon confertus* | Mature | 7 | 3 | 430 | | | | | | 430 | 460 | Good | Fair | Medium | 2. Medium | A2 | 5.2 | 2.4 | Power lines pruned through crown. |
| 20 | Queensland Brushbox | *Lophostemon confertus* | Mature | 7 | 3 | 390 | | | | | | 390 | 440 | Good | Fair | Medium | 2. Medium | A2 | 4.7 | 2.3 | Power lines pruned through crown. |
| 21 | Queensland Brushbox | *Lophostemon confertus* | Mature | 7 | 3 | 440 | | | | | | 440 | 470 | Good | Fair | Medium | 2. Medium | A2 | 5.3 | 2.4 | Power lines pruned through crown. |
| 22 | Queensland Brushbox | *Lophostemon confertus* | Mature | 6 | 3 | 440 | | | | | | 440 | 480 | Good | Fair | Medium | 2. Medium | A2 | 5.3 | 2.4 | Power lines pruned through crown. |
| 23 | Queensland Brushbox | *Lophostemon confertus* | Mature | 7 | 3 | 400 | | | | | | 400 | 440 | Good | Fair | Medium | 2. Medium | A2 | 4.8 | 2.3 | Power lines pruned through crown. |
| 24 | Cook Pine | *Araucaria columnaris* | Mature | 12 | 1.5 | 500 | | | | | | 500 | 560 | Good | Fair | Medium | 1. Long | A1 | 6.0 | 2.6 | Trunk leans. |
| 25 | Swamp Oak | *Casuarina glauca* | Semi-mature | 7 | 2 | 310 | | | | | | 310 | 340 | Good | Good | Medium | 1. Long | A1 | 3.7 | 2.1 | None. |
| 26 | Swamp Oak | *Casuarina glauca* | Semi-mature | 6 | 1 | 210 | | | | | | 210 | 250 | Good | Good | Low | 1. Long | Z1 | 2.5 | 1.8 | None. |
| 27 | Swamp Oak | *Casuarina glauca* | Semi-mature | 9 | 2.5 | 360 | | | | | | 360 | 400 | Good | Fair | Medium | 2. Medium | A1 | 4.3 | 2.3 | Asymmetric crown shape. |
| 28 | Swamp Oak | *Casuarina glauca* | a+H52na colur | 7 | 1.5 | 250 | | | | | | 250 | 280 | Fair | Fair | Low | 2. Medium | Z10 | 3.0 | 1.9 | Suppressed form. |
| 29 | Swamp Oak | *Casuarina glauca* | Semi-mature | 6 | 1.5 | 290 | | | | | | 290 | 340 | Fair | Fair | Low | 2. Medium | Z10 | 3.5 | 2.1 | Suppressed form. |
| 30 | Swamp Oak | *Casuarina glauca* | Semi-mature | 6 | 1 | 180 | | | | | | 180 | 200 | Dead | Poor | Low | 4. Remove | Z24 | 2.2 | 1.7 | None. |
| 31 | Swamp Oak | *Casuarina glauca* | Semi-mature | 8 | 2 | 260 | | | | | | 260 | 290 | Fair | Fair | Medium | 2. Medium | Z10 | 3.1 | 2.0 | Asymmetric crown shape and suppressed form. |
| 32 | Tallowood | *Eucalyptus microcorys* | Mature | 17 | 5 | 720 | | | | | | 720 | 850 | Good | Good | High | 1. Long | AA | 8.6 | 3.1 | None. |
| 33 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 8 | 2.5 | 340 | | | | | | 340 | 380 | Good | Good | Medium | 1. Long | A1 | 4.1 | 2.2 | Not marked on survey. |
| 34 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 6 | 1 | 200 | | | | | | 200 | 230 | Good | Good | Low | 1. Long | Z1 | 2.4 | 1.8 | None. |
| 35 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 1 | 220 | | | | | | 220 | 250 | Good | Good | Low | 1. Long | Z1 | 2.6 | 1.8 | None. |
| 36 | Sydney Blue Gum | *Eucalyptus saligna* | Mature | 17 | 4.5 | 560 | | | | | | 560 | 650 | Fair | Fair | High | 2. Medium | A2 | 6.7 | 2.8 | None. |
| 37 | Sydney Blue Gum | *Eucalyptus saligna* | Semi-mature | 8 | 2.5 | 240 | | | | | | 240 | 260 | Good | Good | Medium | 1. Long | A1 | 2.9 | 1.9 | None. |

| Tree ID | Common Name | Botanical Name | Age Class | Height (m) | Canopy Spread Radius (m) | Stem 1 | Stem 2 | Stem 3 | Stem 4 | Stem 5 | Stem 6 | DBH (mm) | DAB (mm) | Health | Structure | Amenity Value | SULE | Retention Value | TPZ Radius (m) | SRZ Radius (m) | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 6 | 2.5 | 330 | | | | | | 330 | 370 | Good | Good | Medium | 1. Long | A1 | 4.0 | 2.2 | None. |
| 39 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 6 | 2.5 | 280 | | | | | | 280 | 320 | Good | Good | Medium | 1. Long | A1 | 3.4 | 2.1 | None. |
| 40 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 2.5 | 300 | | | | | | 300 | 340 | Good | Fair | Medium | 1. Long | A1 | 3.6 | 2.1 | None. |
| 41 | Sydney Blue Gum | *Eucalyptus saligna* | Semi-mature | 9 | 2.5 | 280 | | | | | | 280 | 320 | Good | Good | Medium | 1. Long | A1 | 3.4 | 2.1 | None. |
| 42 | Cook Pine | *Araucaria columnaris* | Semi-mature | 7 | 1.5 | 250 | | | | | | 250 | 280 | Good | Good | Medium | 1. Long | A1 | 3.0 | 1.9 | None. |
| 43 | River She Oak | *Casuarina cunninghamiana* | Mature | 11 | 3 | 410 | | | | | | 410 | 470 | Good | Fair | Medium | 1. Long | A1 | 4.9 | 2.4 | Asymmetric crown shape. |
| 44 | River She Oak | *Casuarina cunninghamiana* | Mature | 11 | 3 | 440 | | | | | | 440 | 490 | Good | Good | Medium | 1. Long | A1 | 5.3 | 2.5 | None. |
| 45 | River She Oak | *Casuarina cunninghamiana* | Mature | 14 | 3 | 390 | | | | | | 390 | 450 | Good | Good | Medium | 1. Long | A1 | 4.7 | 2.4 | None. |
| 46 | River She Oak | *Casuarina cunninghamiana* | Mature | 14 | 3 | 620 | | | | | | 620 | 670 | Good | Good | Medium | 1. Long | A1 | 7.4 | 2.8 | None. |
| 47 | Swamp Oak | *Casuarina glauca* | Mature | 9 | 3 | 390 | | | | | | 390 | 440 | Good | Good | Medium | 1. Long | A1 | 4.7 | 2.3 | None. |
| 48 | Swamp Oak | *Casuarina glauca* | Mature | 8 | 2.5 | 330 | | | | | | 330 | 370 | Fair | Fair | Medium | 2. Medium | A1 | 4.0 | 2.2 | Trunk bows. |
| 49 | River She Oak | *Casuarina cunninghamiana* | Mature | 11 | 2 | 310 | | | | | | 310 | 350 | Good | Good | Medium | 1. Long | A1 | 3.7 | 2.1 | None. |
| 50 | River She Oak | *Casuarina cunninghamiana* | Mature | 11 | 3 | 320 | 300 | | | | | 439 | 510 | Good | Fair | Medium | 2. Medium | A1 | 5.3 | 2.5 | Co-dominant stems and significant trunk lean. |
| 51 | River She Oak | *Casuarina cunninghamiana* | Mature | 11 | 3 | 460 | | | | | | 460 | 520 | Good | Good | Medium | 1. Long | A1 | 5.5 | 2.5 | None. |
| 52 | Indian Coral | *Erythrina x sykesii* | Mature | 8 | 3.5 | 430 | 390 | | | | | 581 | 880 | Good | Fair | Low | 2. Medium | Z3 | 7.0 | 3.1 | Exempt species. |
| 53 | Indian Coral | *Erythrina x sykesii* | Mature | 8 | 2.5 | 410 | | | | | | 410 | 450 | Fair | Fair | Low | 2. Medium | Z3 | 4.9 | 2.4 | Exempt species. Cavity in trunk. |
| 54 | River She Oak | *Casuarina cunninghamiana* | Mature | 16 | 4 | 590 | | | | | | 590 | 670 | Good | Fair | High | 1. Long | AA | 7.1 | 2.8 | Asymmetric crown shape. |
| 55 | River She Oak | *Casuarina cunninghamiana* | Mature | 14 | 2 | 280 | | | | | | 280 | 320 | Good | Good | Medium | 1. Long | A1 | 3.4 | 2.1 | None. |
| 56 | River She Oak | *Casuarina cunninghamiana* | Mature | 17 | 4 | 440 | | | | | | 440 | 500 | Good | Fair | High | 1. Long | AA | 5.3 | 2.5 | Asymmetric crown shape. |
| 57 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 9 | 1 | 240 | | | | | | 240 | 280 | Good | Good | Medium | 1. Long | A1 | 2.9 | 1.9 | None. |
| 58 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 10 | 2 | 260 | | | | | | 260 | 290 | Good | Good | Medium | 1. Long | A1 | 3.1 | 2.0 | None. |
| 59 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 11 | 2 | 360 | | | | | | 360 | 410 | Good | Good | Medium | 1. Long | A1 | 4.3 | 2.3 | None. |
| 60 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 10 | 1.5 | 290 | | | | | | 290 | 350 | Good | Fair | Medium | 2. Medium | A1 | 3.5 | 2.1 | None. |
| 61 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 10 | 2 | 330 | | | | | | 330 | 360 | Good | Good | Medium | 1. Long | A1 | 4.0 | 2.2 | None |
| 62 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 11 | 2 | 340 | | | | | | 340 | 380 | Good | Good | Medium | 1. Long | A1 | 4.1 | 2.2 | None. |
| 63 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 10 | 2 | 290 | | | | | | 290 | 320 | Good | Good | Medium | 1. Long | A1 | 3.5 | 2.1 | None. |
| 64 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 9 | 2 | 260 | | | | | | 260 | 290 | Good | Good | Medium | 1. Long | A1 | 3.1 | 2.0 | None. |

| Tree ID | Common Name | Botanical Name | Age Class | Height (m) | Canopy Spread Radius (m) | Stem 1 | Stem 2 | Stem 3 | Stem 4 | Stem 5 | Stem 6 | DBH (mm) | DAB (mm) | Health | Structure | Amenity Value | SULE | Retention Value | TPZ Radius (m) | SRZ Radius (m) | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 65 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 8 | 1 | 220 | | | | | | 220 | 250 | Fair | Fair | Medium | 2. Medium | Z10 | 2.6 | 1.8 | Suppressed form. |
| 66 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 11 | 2 | 290 | | | | | | 290 | 340 | Good | Good | Medium | 1. Long | A1 | 3.5 | 2.1 | None. |
| 67 | River She Oak | *Casuarina cunninghamiana* | Mature | 13 | 2.5 | 390 | | | | | | 390 | 450 | Good | Good | Medium | 1. Long | A1 | 4.7 | 2.4 | None. |
| 68 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 5 | 1 | 270 | | | | | | 270 | 300 | Poor | Fair | Low | 4. Remove | Z4 | 3.2 | 2.0 | Upper crown died back and failed. |
| 69 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 10 | 1 | 280 | | | | | | 280 | 310 | Good | Good | Medium | 1. Long | A1 | 3.4 | 2.0 | None. |
| 70 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 10 | 1 | 250 | | | | | | 250 | 280 | Good | Good | Medium | 1. Long | A1 | 3.0 | 1.9 | None. |
| 71 | River She Oak | *Casuarina cunninghamiana* | Mature | 11 | 2.5 | 330 | | | | | | 330 | 390 | Good | Good | Medium | 1. Long | A1 | 4.0 | 2.2 | None. |
| 72 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 11 | 1.5 | 230 | | | | | | 230 | 260 | Good | Good | Medium | 1. Long | A1 | 2.8 | 1.9 | None. |
| 73 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 8 | 1 | 270 | | | | | | 270 | 300 | Fair | Fair | Medium | 2. Medium | Z10 | 3.2 | 2.0 | Suppressed form. |
| 74 | River She Oak | *Casuarina cunninghamiana* | Mature | 11 | 2 | 300 | | | | | | 300 | 340 | Good | Good | Medium | 1. Long | A1 | 3.6 | 2.1 | None. |
| 75 | River She Oak | *Casuarina cunninghamiana* | Mature | 14 | 3 | 410 | | | | | | 410 | 480 | Good | Good | Medium | 1. Long | A1 | 4.9 | 2.4 | None. |
| 76 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 1 | 170 | | | | | | 170 | 190 | Fair | Fair | Low | 2. Medium | Z10 | 2.0 | 1.6 | Suppressed form. |
| 77 | River She Oak | *Casuarina cunninghamiana* | Mature | 13 | 2 | 300 | | | | | | 300 | 330 | Fair | Fair | Medium | 3. Short | Z10 | 3.6 | 2.1 | Significant wounds on trunk. |
| 78 | River She Oak | *Casuarina cunninghamiana* | Mature | 14 | 3 | 580 | | | | | | 580 | 650 | Good | Good | Medium | 1. Long | A1 | 7.0 | 2.8 | None. |
| 79 | River She Oak | *Casuarina cunninghamiana* | Mature | 16 | 3 | 420 | | | | | | 420 | 500 | Good | Good | Medium | 1. Long | A1 | 5.0 | 2.5 | None. |
| 80 | Coastal Banksia | *Banksia integrefolia* | Semi-mature | 5 | 1 | 160 | | | | | | 160 | 180 | Good | Good | Low | 1. Long | Z1 | 2.0 | 1.6 | None. |
| 81 | River She Oak | *Casuarina cunninghamiana* | Mature | 10 | 3 | 310 | | | | | | 310 | 360 | Good | Good | Medium | 1. Long | A1 | 3.7 | 2.2 | None. |
| 82 | River She Oak | *Casuarina cunninghamiana* | Mature | 12 | 3 | 440 | | | | | | 440 | 500 | Good | Good | Medium | 1. Long | A1 | 5.3 | 2.5 | None. |
| 83 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 9 | 2.5 | 230 | 210 | | | | | 311 | 360 | Fair | Fair | Medium | 2. Medium | Z10 | 3.7 | 2.2 | Asymmetric crown shape and suppressed form. |
| 84 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 9 | 2.5 | 290 | | | | | | 290 | 338 | Good | Fair | Medium | 1. Long | A1 | 3.5 | 2.1 | None. |
| 85 | River She Oak | *Casuarina cunninghamiana* | Mature | 12 | 2.5 | 350 | | | | | | 350 | 410 | Good | Good | Medium | 1. Long | A1 | 4.2 | 2.3 | None. |
| 86 | River She Oak | *Casuarina cunninghamiana* | Mature | 11 | 3 | 390 | | | | | | 390 | 440 | Good | Fair | Medium | 1. Long | A1 | 4.7 | 2.3 | Asymmetric crown shape |
| 87 | River She Oak | *Casuarina cunninghamiana* | Mature | 12 | 3 | 340 | | | | | | 340 | 390 | Good | Fair | Medium | 1. Long | A1 | 4.1 | 2.2 | Asymmetric crown shape. |
| 88 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 10 | 2 | 260 | | | | | | 260 | 290 | Good | Fair | Medium | 1. Long | A1 | 3.1 | 2.0 | None. |

| Tree ID | Common Name | Botanical Name | Age Class | Height (m) | Canopy Spread Radius (m) | Stem 1 | Stem 2 | Stem 3 | Stem 4 | Stem 5 | Stem 6 | DBH (mm) | DAB (mm) | Health | Structure | Amenity Value | SULE | Retention Value | TPZ Radius (m) | SRZ Radius (m) | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 89 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 2 | 260 | | | | | | 260 | 300 | Good | Fair | Medium | 2. Medium | Z10 | 3.1 | 2.0 | Asymmetric crown shape and suppressed form. |
| 90 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 1 | 180 | | | | | | 180 | 200 | Good | Good | Low | 1. Long | Z1 | 2.2 | 1.7 | None. |
| 91 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 1 | 180 | | | | | | 180 | 200 | Good | Good | Low | 1. Long | Z1 | 2.2 | 1.7 | None. |
| 92 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 8 | 2.5 | 200 | 230 | | | | | 305 | 370 | Good | Fair | Medium | 1. Long | A1 | 3.7 | 2.2 | None. |
| 93 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 8 | 1.5 | 280 | | | | | | 280 | 310 | Fair | Fair | Medium | 2. Medium | Z10 | 3.4 | 2.0 | Suppressed form. |
| 94 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 9 | 3 | 350 | | | | | | 350 | 380 | Good | Good | Medium | 1. Long | A1 | 4.2 | 2.2 | None. |
| 95 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 1 | 160 | | | | | | 160 | 180 | Fair | Fair | Low | 2. Medium | Z10 | 2.0 | 1.6 | Suppressed form. |
| 96 | River She Oak | *Casuarina cunninghamiana* | Mature | 12 | 4 | 510 | | | | | | 510 | 590 | Good | Fair | Medium | 1. Long | A1 | 6.1 | 2.7 | None. |
| 97 | River She Oak | *Casuarina cunninghamiana* | Mature | 13 | 3 | 400 | | | | | | 400 | 470 | Good | Fair | Medium | 1. Long | A1 | 4.8 | 2.4 | None. |
| 98 | River She Oak | *Casuarina cunninghamiana* | Mature | 12 | 3.5 | 430 | | | | | | 430 | 500 | Good | Good | Medium | 1. Long | A1 | 5.2 | 2.5 | None. |
| 99 | River She Oak | *Casuarina cunninghamiana* | Mature | 14 | 3 | 480 | | | | | | 480 | 570 | Good | Fair | Medium | 1. Long | A1 | 5.8 | 2.6 | None. |
| 100 | River She Oak | *Casuarina cunninghamiana* | Mature | 14 | 3 | 390 | | | | | | 390 | 450 | Good | Good | Medium | 1. Long | A1 | 4.7 | 2.4 | None. |
| 101 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 8 | 1.5 | 250 | | | | | | 250 | 280 | Good | Fair | Medium | 1. Long | A1 | 3.0 | 1.9 | None. |
| 102 | River She Oak | *Casuarina cunninghamiana* | Mature | 14 | 3 | 380 | | | | | | 380 | 460 | Good | Good | Medium | 1. Long | A1 | 4.6 | 2.4 | None. |
| 103 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 1 | 170 | | | | | | 170 | 200 | Fair | Fair | Low | 2. Medium | Z10 | 2.0 | 1.7 | Suppressed form. |
| 104 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 9 | 1 | 190 | | | | | | 190 | 210 | Fair | Fair | Medium | 2. Medium | Z10 | 2.3 | 1.7 | Suppressed form. |
| 105 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 9 | 2 | 250 | | | | | | 250 | 280 | Good | Fair | Medium | 1. Long | A1 | 3.0 | 1.9 | None m |
| 106 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 9 | 2.5 | 280 | | | | | | 280 | 320 | Good | Fair | Medium | 1. Long | A1 | 3.4 | 2.1 | Asymmetric crown shape. |
| 107 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 8 | 2 | 260 | | | | | | 260 | 320 | Good | Good | Medium | 1. Long | A1 | 3.1 | 2.1 | None. |
| 108 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 1.5 | 230 | | | | | | 230 | 270 | Good | Fair | Low | 1. Long | Z1 | 2.8 | 1.9 | None. |
| 109 | Swamp Oak | *Casuarina glauca* | Semi-mature | 6 | 1.5 | 220 | | | | | | 220 | 250 | Good | Good | Low | 1. Long | Z1 | 2.6 | 1.8 | None. |
| 110 | Swamp Oak | *Casuarina glauca* | Semi-mature | 7 | 2.5 | 310 | | | | | | 310 | 350 | Good | Good | Medium | 1. Long | A1 | 3.7 | 2.1 | None. |
| 111 | Swamp Oak | *Casuarina glauca* | Semi-mature | 5 | 1 | 160 | | | | | | 160 | 180 | Fair | Fair | Low | 5. Small/Young | Z1 | 2.0 | 1.6 | None. |
| 112 | Swamp Oak | *Casuarina glauca* | Semi-mature | 5 | 1 | 180 | | | | | | 180 | 190 | Fair | Fair | Low | 1. Long | Z1 | 2.2 | 1.6 | None. |
| 113 | Swamp Oak | *Casuarina glauca* | Semi-mature | 5 | 1 | 200 | | | | | | 200 | 230 | Good | Fair | Low | 1. Long | Z1 | 2.4 | 1.8 | None. |
| 114 | Swamp Oak | *Casuarina glauca* | Semi-mature | 7 | 1 | 210 | | | | | | 210 | 240 | Good | Good | Low | 1. Long | Z1 | 2.5 | 1.8 | None. |
| 115 | Swamp Oak | *Casuarina glauca* | Semi-mature | 7 | 2.5 | 280 | | | | | | 280 | 310 | Good | Good | Medium | 1. Long | A1 | 3.4 | 2.0 | None. |

GENERAL NOTE:

Figured dimensions take preference to scale readings. Verify all dimensions on site. PDF/E plans may vary slightly in Scale for that indicated on plans. Report any discrepancies to the Landscape Architect before proceeding with the work.

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| REV | DATE | NOTATION/AMENDMENT |
|---|---|---|
| SK1 | 18.09.2025 | Preliminary plan prepared for review |
| SK2 | 20.10.2025 | Coordinated with updated architectural plans |
| A | 28.10.2025 | Issued for DA |

PROJECT:

PROPOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELOPMENT
120 OLD PITTWATER ROAD,
BROOKVALE

TITLE:

TREE SURVEY 1

STATUS:

DEVELOPMENT APPLICATION

SCALE: 1:300 @ A1

DATE: OCT 2025

PROJECT No: LPDA 26 - 61

PAGE NUMBER: 1

DRAWN: L.Z

CHECKED: R.F

| Tree ID | Common Name | Botanical Name | Age Class | Height (m) | Canopy Spread Radius (m) | Stem 1 | Stem 2 | Stem 3 | Stem 4 | Stem 5 | Stem 6 | DBH (mm) | DAB (mm) | Health | Structure | Amenity Value | SULE | Retention Value | TPZ Radius (m) | SRZ Radius (m) | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 116 | River She Oak | *Casuarina cunninghamiana* | Mature | 9 | 2.5 | 340 | | | | | | 340 | 380 | Good | Good | Medium | 1. Long | A1 | 4.1 | 2.2 | None. |
| 117 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 8 | 1.5 | 230 | | | | | | 230 | 270 | Fair | Fair | Medium | 3. Short | Z4 | 2.8 | 1.9 | Selective dieback. |
| 118 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 8 | 2.5 | 180 | 190 | | | | | 262 | 310 | Good | Fair | Medium | 1. Long | A1 | 3.1 | 2.0 | None. |
| 119 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 8 | 2 | 290 | | | | | | 290 | 330 | Good | Good | Medium | 1. Long | A1 | 3.5 | 2.1 | None. |
| 120 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 8 | 2 | 300 | | | | | | 300 | 350 | Good | Good | Medium | 1. Long | A1 | 3.6 | 2.1 | None. |
| 121 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 2 | 280 | | | | | | 280 | 340 | Fair | Fair | Medium | 2. Medium | Z10 | 3.4 | 2.1 | Asymmetric crown shape and suppressed form. |
| 122 | Coastal Banksia | *Banksia integrefolia* | Semi-mature | 5 | 1.5 | 260 | | | | | | 260 | 280 | Good | Good | Low | 1. Long | Z1 | 3.1 | 1.9 | None. |
| 123 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 8 | 2 | 310 | | | | | | 310 | 350 | Good | Good | Medium | 1. Long | A1 | 3.7 | 2.1 | None. |
| 124 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 2 | 230 | | | | | | 230 | 260 | Good | Good | Medium | 1. Long | A1 | 2.8 | 1.9 | None. |
| 125 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 1.5 | 240 | | | | | | 240 | 270 | Good | Good | Medium | 1. Long | A1 | 2.9 | 1.9 | None. |
| 126 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 5 | 1 | 160 | | | | | | 160 | 170 | Fair | Fair | Low | 2. Medium | Z1 | 2.0 | 1.6 | None. |
| 127 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 5 | 1 | 130 | | | | | | 130 | 150 | Fair | Fair | Low | 2. Medium | Z1 | 2.0 | 1.5 | None. |
| 128 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 1 | 160 | | | | | | 160 | 180 | Fair | Good | Low | 1. Long | Z1 | 2.0 | 1.6 | None. |
| 129 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 1 | 170 | | | | | | 170 | 190 | Good | Fair | Low | 1. Long | Z1 | 2.0 | 1.6 | None. |
| 130 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 1 | 1 | | 170 | | | | 170 | 190 | Good | Fair | Low | 1. Long | Z1 | 2.0 | 1.6 | None. |
| 131 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 1 | 150 | | | | | | 150 | 160 | Good | Fair | Low | 1. Long | Z1 | 2.0 | 1.5 | None. |
| 132 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 1.5 | 170 | 180 | | | | | 248 | 290 | Good | Fair | Medium | 1. Long | A1 | 3.0 | 2.0 | None. |
| 133 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 1.5 | 290 | | | | | | 290 | 330 | Fair | Fair | Medium | 3. Short | Z4 | 3.5 | 2.1 | Selective dieback. |
| 134 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 8 | 1.5 | 240 | | | | | | 240 | 270 | Good | Good | Medium | 1. Long | A1 | 2.9 | 1.9 | None. |
| 135 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 7 | 2 | 250 | | | | | | 250 | 280 | Good | Fair | Medium | 1. Long | A1 | 3.0 | 1.9 | None. |
| 136 | River She Oak | *Casuarina cunninghamiana* | Semi-mature | 9 | 2 | 310 | | | | | | 310 | 350 | Good | Fair | Medium | 1. Long | A1 | 3.7 | 2.1 | None. |
| 137 | River She Oak | *Casuarina cunninghamiana* | Mature | 10 | 3 | 460 | | | | | | 460 | 530 | Good | Good | Medium | 1. Long | A1 | 5.5 | 2.5 | None. |
| 138 | Swamp Oak | *Casuarina glauca* | Semi-mature | 7 | 2.5 | 260 | | | | | | 260 | 290 | Good | Fair | Medium | 1. Long | A1 | 3.1 | 2.0 | None. |
| 139 | River She Oak | *Casuarina cunninghamiana* | Mature | 14 | 3 | 370 | | | | | | 370 | 430 | Good | Good | Medium | 1. Long | A1 | 4.4 | 2.3 | DBH estimated. |
| 140 | Black She Oak | *Allocasuaruna littoralis* | Mature | 7 | 2.5 | 240 | | | | | | 240 | 270 | Good | Good | Medium | 2. Medium | A1 | 2.9 | 1.9 | None. |
| 141 | Black She Oak | *Allocasuaruna littoralis* | Mature | 7 | 3 | 370 | | | | | | 370 | 420 | Good | Fair | Medium | 2. Medium | A1 | 4.4 | 2.3 | Asymmetric crown shape. |
| 142 | Sydney Blue Gum | *Eucalyptus saligna* | Semi-mature | 6 | 1.5 | 180 | | | | | | 180 | 200 | Good | Good | Low | 5. Small/Young | Z1 | 2.2 | 1.7 | None. |
| 143 | Black She Oak | *Allocasuaruna littoralis* | Mature | 7 | 3.5 | 360 | 270 | 200 | | | | 492 | 420 | Good | Fair | Medium | 2. Medium | A1 | 5.9 | 2.3 | Asymmetric crown shape. |
| 144 | Black She Oak | *Allocasuaruna littoralis* | Mature | 8 | 2.5 | 350 | | | | | | 350 | 390 | Good | Good | Medium | 2. Medium | A1 | 4.2 | 2.2 | None. |
| 145 | Smooth Barked Apple | *Angophora costata* | Semi-mature | 7 | 1.5 | 170 | | | | | | 170 | 200 | Good | Good | Low | 1. Long | Z1 | 2.0 | 1.7 | None. |
| 146 | Smooth Barked Apple | *Angophora costata* | Semi-mature | 7 | 3 | 350 | | | | | | 350 | 390 | Fair | Fair | Medium | 3. Short | Z4 | 4.2 | 2.2 | Low foliage density and selective dieback, health in decline. |
| 147 | Smooth Barked Apple | *Angophora costata* | Mature | 11 | 3.5 | 410 | | | | | | 410 | 470 | Good | Fair | Medium | 1. Long | A1 | 4.9 | 2.4 | None. |
| 148 | Black She Oak | *Allocasuaruna littoralis* | Semi-mature | 5 | 1.5 | 140 | 138 | 80 | | | | 212 | 310 | Fair | Fair | Low | 3. Short | Z10 | 2.5 | 2.0 | Suppressed form. |
| 149 | Swamp Mahogany | *Eucalyptus robusta* | Semi-mature | 5 | 1 | 190 | | | | | | 190 | 210 | Fair | Fair | Low | 5. Small/Young | Z1 | 2.3 | 1.7 | None. |
| 150 | Smooth Barked Apple | *Angophora costata* | Mature | 9 | 4 | 490 | | | | | | 490 | 550 | Good | Fair | High | 1. Long | A1 | 5.9 | 2.6 | Asymmetric crown shape. |
| 151 | Black She Oak | *Allocasuaruna littoralis* | Semi-mature | 6 | 1.5 | 190 | 160 | | | | | 248 | 320 | Good | Fair | Low | 2. Medium | Z1 | 3.0 | 2.1 | None. |
| 152 | Black She Oak | *Allocasuaruna littoralis* | Semi-mature | 6 | 1.5 | 160 | 180 | | | | | 241 | 230 | Fair | Fair | Low | 3. Short | Z4 | 2.9 | 1.8 | Selective dieback. |
| 153 | Black She Oak | *Allocasuaruna littoralis* | Semi-mature | 6 | 1 | 200 | | | | | | 200 | 240 | Fair | Good | Low | 2. Medium | Z1 | 2.4 | 1.8 | None. |
| 154 | Black She Oak | *Allocasuaruna littoralis* | Semi-mature | 6 | 2 | 240 | | | | | | 240 | 260 | Fair | Fair | Low | 2. Medium | Z10 | 2.9 | 1.9 | Suppressed form. |
| 155 | Black She Oak | *Allocasuaruna littoralis* | Semi-mature | 5 | 1 | 130 | | | | | | 130 | 140 | Fair | Fair | Low | 5. Small/Young | Z1 | 2.0 | 1.5 | Asymmetric crown shape. |
| 156 | Black She Oak | *Allocasuaruna littoralis* | Semi-mature | 5 | 1 | 210 | | | | | | 210 | 220 | Fair | Fair | Low | 2. Medium | Z10 | 2.5 | 1.8 | Suppressed form. |
| 157 | Smooth Barked Apple | *Angophora costata* | Mature | 11 | 4 | 350 | 370 | | | | | 509 | 580 | Good | Fair | High | 2. Medium | A2 | 6.1 | 2.6 | Asymmetric crown shape. |
| 158 | Smooth Barked Apple | *Angophora costata* | Mature | 13 | 4 | 370 | | | | | | 370 | 450 | Fair | Fair | High | 2. Medium | A2 | 4.4 | 2.4 | Reduced foliage density for species. |
| 159 | Black She Oak | *Allocasuaruna littoralis* | Mature | 9 | 3 | 440 | | | | | | 440 | 490 | Good | Fair | Medium | 2. Medium | A1 | 5.3 | 2.5 | Cavity at base of trunk. |
| 160 | Cheese Tree | *Glochidion ferdinandi* | Semi-mature | 6 | 2.5 | 210 | | | | | | 210 | 240 | Good | Good | Medium | 1. Long | A1 | 2.5 | 1.8 | None. |
| 161 | Black She Oak | *Allocasuaruna littoralis* | Mature | 7 | 2.5 | 320 | 310 | | | | | 446 | 480 | Good | Fair | Medium | 2. Medium | A1 | 5.3 | 2.4 | None. |
| 162 | Smooth Barked Apple | *Angophora costata* | Mature | 13 | 3 | 410 | | | | | | 410 | 470 | Good | Good | High | 1. Long | A1 | 4.9 | 2.4 | None. |
| 163 | Black She Oak | *Allocasuaruna littoralis* | Semi-mature | 6 | 1.5 | 210 | | | | | | 210 | 230 | Good | Fair | Low | 2. Medium | Z1 | 2.5 | 1.8 | None. |
| 164 | Black She Oak | *Allocasuaruna littoralis* | Mature | 7 | 2.5 | 300 | | | | | | 300 | 330 | Good | Fair | Medium | 2. Medium | A1 | 3.6 | 2.1 | None. |
| 165 | Black She Oak | *Allocasuaruna littoralis* | Mature | 6 | 1.5 | 260 | | | | | | 260 | 290 | Fair | Fair | Medium | 3. Short | Z10 | 3.1 | 2.0 | Significant trunk lean. |
| 166 | Black She Oak | *Allocasuaruna littoralis* | Semi-mature | 6 | 1.5 | 250 | | | | | | 250 | 280 | Fair | Fair | Medium | 2. Medium | Z10 | 3.0 | 1.9 | Suppressed form. |
| 167 | Swamp Mahogany | *Eucalyptus robusta* | Semi-mature | 9 | 3 | 360 | | | | | | 360 | 400 | Good | Good | Medium | 1. Long | A1 | 4.3 | 2.3 | None. |
| 168 | Black She Oak | *Allocasuaruna littoralis* | Mature | 7 | 2 | 360 | | | | | | 360 | 400 | Fair | Poor | Medium | 4. Remove | ZZ5 | 4.3 | 2.3 | Co-dominant stem failed near base causing large wound in |
| 169 | Black She Oak | *Allocasuaruna littoralis* | Mature | 6 | 2 | 440 | | | | | | 440 | 480 | Fair | Fair | Medium | 3. Short | Z9 | 5.3 | 2.4 | Significant trunk lean and decay in trunk. |
| 170 | Black She Oak | *Allocasuaruna littoralis* | Semi-mature | 5 | 1 | 160 | | | | | | 160 | 180 | Good | Good | Low | 5. Small/Young | Z1 | 2.0 | 1.6 | None. |
| 171 | Red Mahogany | *Eucalyptus resinifera* | Mature | 15 | 6 | 630 | | | | | | 630 | 730 | Fair | Good | High | 2. Medium | A2 | 7.6 | 2.9 | Reduced foliage density for species. |
| 172 | Smooth Barked Apple | *Angophora costata* | Mature | 9 | 4 | 380 | | | | | | 380 | 450 | Fair | Fair | Low | 2. Medium | A1 | 4.6 | 2.4 | Growing on edge of rock escarpment, appears stable. |
| 173 | Old Man Banksia | *Banksia serrata* | Veteran | 8 | 2.5 | 410 | | | | | | 410 | 460 | Fair | Fair | Medium | 3. Short | A4 | 4.9 | 2.4 | Multiple previous branch failures and asymmetric crown shape. |
| 174 | Smooth Barked Apple | *Angophora costata* | Mature | 13 | 3.5 | 380 | | | | | | 380 | 440 | Good | Fair | High | 1. Long | A1 | 4.6 | 2.3 | Asymmetric crown shape. |
| 175 | Black She Oak | *Allocasuaruna littoralis* | Mature | 7 | 2 | 250 | 150 | | | | | 292 | 310 | Good | Good | Medium | 2. Medium | A1 | 3.5 | 2.0 | Wound on trunk. |
| 176 | Black She Oak | *Allocasuaruna littoralis* | Semi-mature | 6 | 1.5 | 240 | 150 | | | | | 283 | 300 | Fair | Fair | Medium | 2. Medium | Z10 | 3.4 | 2.0 | Asymmetric crown shape and suppressed form. |
| 177 | Black She Oak | *Allocasuaruna littoralis* | Mature | 8 | 2 | 260 | 170 | | | | | 311 | 290 | Good | Fair | Medium | 2. Medium | A1 | 3.7 | 2.0 | None. |
| 178 | Black She Oak | *Allocasuaruna littoralis* | Mature | 7 | 2.5 | 290 | 230 | | | | | 370 | 370 | Good | Fair | Medium | 2. Medium | A1 | 4.4 | 2.2 | None. |
| 179 | Red Mahogany | *Eucalyptus resinifera* | Semi-mature | 9 | 2.5 | 340 | | | | | | 340 | 380 | Good | Good | Medium | 1. Long | A1 | 4.1 | 2.2 | None. |
| 180 | Smooth Barked Apple | *Angophora costata* | Mature | 10 | 4 | 370 | | | | | | 370 | 430 | Fair | Fair | High | 2. Medium | A1 | 4.4 | 2.3 | Asymmetric crown shape. |
| 181 | Smooth Barked Apple | *Angophora costata* | Mature | 13 | 4 | 480 | | | | | | 480 | 560 | Good | Fair | High | 1. Long | A1 | 5.8 | 2.6 | Asymmetric crown shape. |
| 182 | Smooth Barked Apple | *Angophora costata* | Semi-mature | 12 | 2 | 320 | | | | | | 320 | 380 | Poor | Poor | Medium | 4. Remove | ZZ4 | 3.8 | 2.2 | Extensive crown dieback. |
| 183 | Black She Oak | *Allocasuaruna littoralis* | Mature | 7 | 2.5 | 330 | | | | | | 330 | 370 | Good | Fair | Medium | 2. Medium | A1 | 4.0 | 2.2 | None. |
| 184 | Smooth Barked Apple | *Angophora costata* | Semi-mature | 10 | 1.5 | 210 | | | | | | 210 | 240 | Fair | Fair | Medium | 3. Short | Z10 | 2.5 | 1.8 | Central stem in crown died back. |
| 185 | Black She Oak | *Allocasuaruna littoralis* | Mature | 6 | 2 | 240 | 250 | | | | | 347 | 380 | Good | Fair | Medium | 2. Medium | A1 | 4.2 | 2.2 | None. |
| 186 | Smooth Barked Apple | *Angophora costata* | Mature | 14 | 5 | 560 | | | | | | 560 | 640 | Good | Fair | High | 1. Long | AA | 6.7 | 2.7 | Asymmetric crown shape. |
| 187 | Smooth Barked Apple | *Angophora costata* | Mature | 14 | 5.5 | 870 | | | | | | 870 | 990 | Good | Fair | High | 1. Long | AA | 10.4 | 3.3 | None. |
| 188 | Smooth Barked Apple | *Angophora costata* | Mature | 12 | 3.5 | 370 | | | | | | 370 | 430 | Fair | Fair | Medium | 2. Medium | Z10 | 4.4 | 2.3 | Asymmetric crown shape and significant trunk lean. |
| 189 | Smooth Barked Apple | *Angophora costata* | Mature | 12 | 3.5 | 400 | | | | | | 400 | 440 | Good | Fair | High | 2. Medium | A1 | 4.8 | 2.3 | Asymmetric crown shape. |
| 190 | Smooth Barked Apple | *Angophora costata* | Semi-mature | 8 | 3 | 250 | | | | | | 250 | 280 | Fair | Fair | Medium | 1. Long | A1 | 3.0 | 1.9 | Asymmetric crown shape. |
| 191 | Smooth Barked Apple | *Angophora costata* | Mature | 11 | 4 | 400 | | | | | | 400 | 470 | Good | Fair | High | 2. Medium | A1 | 4.8 | 2.4 | Asymmetric crown shape. |
| 192 | Smooth Barked Apple | *Angophora costata* | Semi-mature | 9 | 3 | 300 | | | | | | 300 | 360 | Good | Good | Medium | 1. Long | A1 | 3.6 | 2.2 | None. |
| 193 | Smooth Barked Apple | *Angophora costata* | Semi-mature | 5 | 1 | 160 | | | | | | 160 | 180 | Fair | Fair | Low | 5. Small/Young | Z1 | 2.0 | 1.6 | Suppressed form. |
| 194 | Sydney Peppermint | *Eucalyptus piperita* | Mature | 13 | 4.5 | 680 | | | | | | 680 | 790 | Good | Fair | High | 2. Medium | A2 | 8.2 | 3.0 | Primary branch recently failed at 3m. |
| 195 | Smooth Barked Apple | *Angophora costata* | Mature | 10 | 4 | 410 | 250 | | | | | 480 | 580 | Good | Fair | High | 1. Long | A1 | 5.8 | 2.6 | Asymmetric crown shape. |
| 196 | Smooth Barked Apple | *Angophora costata* | Semi-mature | 5 | 1.5 | 240 | | | | | | 240 | 270 | Fair | Fair | Medium | 2. Medium | Z10 | 2.9 | 1.9 | Suppressed form. |
| 197 | Yellow Bloodwood | *Corymbia eximia* | Young | 5 | 1 | 140 | 120 | | | | | 184 | 200 | Fair | Fair | Low | 5. Small/Young | Z1 | 2.2 | 1.7 | None. |
| 198 | Smooth Barked Apple | *Angophora costata* | Mature | 12 | 5 | 460 | | | | | | 460 | 540 | Fair | Good | High | 2. Medium | A1 | 5.5 | 2.6 | Reduced foliage density for species. |
| 199 | Smooth Barked Apple | *Angophora costata* | Mature | 13 | 4 | 360 | 270 | | | | | 450 | 610 | Good | Good | High | 1. Long | A1 | 5.4 | 2.7 | None. |
| 200 | Smooth Barked Apple | *Angophora costata* | Semi-mature | 7 | 3 | 230 | | | | | | 230 | 260 | Fair | Fair | Medium | 3. Short | Z10 | 2.8 | 1.9 | Asymmetric crown shape and crown tip dieback. |
| 201 | Smooth Barked Apple | *Angophora costata* | Mature | 11 | 4 | 390 | | | | | | 390 | 450 | Fair | Fair | High | 2. Medium | A1 | 4.7 | 2.4 | Reduced foliage density for species. |
| 202 | Smooth Barked Apple | *Angophora costata* | Mature | 13 | 5 | 650 | | | | | | 650 | 760 | Good | Good | High | 1. Long | AA | 7.8 | 2.9 | None. |
| 203 | Smooth Barked Apple | *Angophora costata* | Mature | 9 | 3.5 | 370 | 290 | 210 | | | | 515 | 960 | Fair | Fair | High | 2. Medium | A1 | 6.2 | 3.3 | Asymmetric crown shape. |
| 204 | Black She Oak | *Allocasuaruna littoralis* | Mature | 6 | 1.5 | 370 | | | | | | 370 | 410 | Fair | Poor | Medium | 4. Remove | ZZ5 | 4.4 | 2.3 | Significant decay in trunk. |
| 205 | Black She Oak | *Allocasuaruna littoralis* | Mature | 8 | 2 | 310 | | | | | | 310 | 350 | Fair | Fair | Medium | 3. Short | Z4 | 3.7 | 2.1 | Apical dieback. |
| 206 | Black She Oak | *Allocasuaruna littoralis* | Mature | 8 | 2 | 260 | 220 | | | | | 341 | 380 | Good | Fair | Medium | 2. Medium | A1 | 4.1 | 2.2 | None. |
| 207 | Black She Oak | *Allocasuaruna littoralis* | Mature | 6 | 1.5 | 190 | 150 | | | | | 242 | 320 | Fair | Fair | Medium | 3. Short | Z4 | 2.9 | 2.1 | Apical dieback. |
| 208 | Black She Oak | *Allocasuaruna littoralis* | Mature | 8 | 2.5 | 460 | | | | | | 460 | 510 | Good | Fair | Medium | 2. Medium | A1 | 5.5 | 2.5 | None. |
| 209 | Black She Oak | *Allocasuaruna littoralis* | Mature | 6 | 2.5 | 330 | | | | | | 330 | 370 | Fair | Fair | Medium | 2. Medium | Z10 | 4.0 | 2.2 | Suppressed form. |
| 210 | Dead Tree | *Dead Tree* | Dead | 5 | 1 | 200 | | | | | | 200 | 240 | Dead | Poor | Low | 4. Remove | ZZ4 | 2.4 | 1.8 | None. |
| 211 | Smooth Barked Apple | *Angophora costata* | Mature | 11 | 5 | 480 | 320 | 310 | | | | 655 | 790 | Good | Good | High | 1. Long | AA | 7.9 | 3.0 | None. |
| 212 | Smooth Barked Apple | *Angophora costata* | Mature | 11 | 5 | 470 | 360 | 330 | 270 | | | 730 | 1080 | Good | Good | High | 1. Long | AA | 8.8 | 3.4 | None |
| 213 | Black She Oak | *Allocasuaruna littoralis* | Mature | 7 | 2.5 | 360 | | | | | | 360 | 420 | Good | Fair | Medium | 2. Medium | A1 | 4.3 | 2.3 | None. |
| 214 | Black She Oak | *Allocasuaruna littoralis* | Mature | 7 | 2 | 460 | | | | | | 460 | 500 | Good | Fair | Medium | 2. Medium | A1 | 5.5 | 2.5 | Asymmetric crown shape. |
| 215 | Black She Oak | *Allocasuaruna littoralis* | Semi-mature | 5 | 1 | 270 | | | | | | 270 | 300 | Poor | Poor | Low | 4. Remove | ZZ4 | 3.2 | 2.0 | Minimal live foliage. |
| 216 | Black She Oak | *Allocasuaruna littoralis* | Mature | 7 | 2 | 260 | 210 | 190 | | | | 384 | 418 | Good | Fair | Medium | 2. Medium | A1 | 4.6 | 2.3 | Not marked on survey. |
| 217 | Red Mahogany | *Eucalyptus resinifera* | Mature | 10 | 4 | 280 | 290 | 260 | 260 | 210 | | 585 | 1110 | Good | Fair | High | 1. Long | A1 | 7.0 | 3.5 | None. |
| 218 | Red Mahogany | *Eucalyptus resinifera* | Semi-mature | 8 | 3 | 240 | 260 | | | | | 354 | 410 | Good | Fair | Medium | 1. Long | A1 | 4.2 | 2.3 | None. |
| 219 | Smooth Barked Apple | *Angophora costata* | Semi-mature | 9 | 3 | 340 | | | | | | 340 | 390 | Good | Good | Medium | 1. Long | A1 | 4.1 | 2.2 | None. |
| 220 | Smooth Barked Apple | *Angophora costata* | Semi-mature | 10 | 3 | 380 | | | | | | 380 | 440 | Good | Good | Medium | 1. Long | A1 | 4.6 | 2.3 | None. |
| 221 | Smooth Barked Apple | *Angophora costata* | Semi-mature | 7 | 2.5 | 250 | | | | | | 250 | 280 | Fair | Fair | Medium | 2. Medium | Z10 | 3.0 | 1.9 | Asymmetric crown shape and suppressed form. |
| 222 | Red Bloodwood | *Corymbia gummifera* | Mature | 11 | 4 | 380 | 240 | | | | | 449 | 480 | Good | Good | Medium | 1. Long | A1 | 5.4 | 2.4 | None. |
| 223 | Grey Gum | *Eucalyptus punctata* | Semi-mature | 5 | 1 | 260 | | | | | | 260 | 280 | Fair | Fair | Low | 3. Short | Z1 | 3.1 | 1.9 | Trunk failed at 1m. |
| 224 | Smooth Barked Apple | *Angophora costata* | Mature | 11 | 4 | 340 | 420 | | | | | 540 | 680 | Good | Good | High | 1. Long | A1 | 6.5 | 2.8 | None. |
| 225 | Smooth Barked Apple | *Angophora costata* | Mature | 12 | 4 | 410 | | | | | | 410 | 480 | Good | Good | High | 1. Long | A1 | 4.9 | 2.4 | None. |
| G1 | River She Oak, Swamp Oak | *Casuarina cunninghamiana, casuarina glauca* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | A1 | - | - | Group of semi-mature to mature trees on embankment. Dense trees not individually surveyed. |
| G2 | River She Oak, Swamp Oak | *Casuarina cunninghamiana, Casuarina glauca* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | A1 | - | - | Group of semi-mature to mature trees on embankment. Dense trees not individually surveyed. |
| G3 | Mixed Species | *Mixed spp* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | A1 | - | - | Group of semi-mature to mature trees on embankment. Not surveyed, dense weeds (Lantana) restructing access. |

# TREE SURVEY

*Existing Trees information is extracted from Arboricultural Impact Assessment by Jack Williams prepared on 30 Sep 2025*

GENERAL NOTE:
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| SK1 | 18.09.2025 | Preliminary plan prepared for review |
| SK2 | 20.10.2025 | Coordinated with updated architectural plans |
| A | 28.10.2025 | Issued for DA |

PROJECT:
PROPOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELOPMENT
120 OLD PITTWATER ROAD, BROOKVALE

TITLE:
TREE SURVEY 2

STATUS:
DEVELOPMENT APPLICATION

SCALE:

DATE:
OCT 2025

PROJECT No:
LPDA 26 - 61

PAGE NUMBER:
2

DRAWN:
L.Z

CHECKED:
R.F

# LEGEND & SCHEDULE

NOTES:
1. ALL FINAL PLANT QUANTITIES INDICATED ON PLANS SHALL BE CHECKED AND VERIFIED BY SUCCESSFUL LANDSCAPE CONTRACTOR.
2. ANY PLANT SUBSTITUTES REQUIRED DUE TO UNAVAILABILITY SHALL BE RECOMMENDED BY THE LANDSCAPE CONTRACTOR TO BEST MATCH SUBSTITUTED PLANTS AND APPROVED PRIOR TO PURCHASING BY THE LANDSCAPE ARCHITECT.
3. WORKS CERTIFIED FOR FINAL OCCUPANCY CERTIFICATE ARE TO MATCH APPROVED LANDSCAPE PLANS.
4. LANDSCAPE CONTRACTOR SHALL LOCATE AND AVOID SITE STORM WATER & DRAINAGE SERVICES. LOCATE TREES A MINIMUM 1.25M FROM PITS
5. ALL PLANTING AROUND EXISTING TREES SHALL BE ADJUSTED TO AVOID DAMAGE AND CLASHING WITH SURFACE ROOTS
6. THE NATURE STRIP (STREET FRONTAGE) FOR THE SITE IS PUBLIC LAND, AND ONLY AUTHORIZED WORKS MAY OCCUR HERE. EXISTING CONDITIONS SUCH AS STREET TREES, COUNCIL PLANTING ETC SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION, UNLESS SPECIFIC APPROVAL HAS BEEN GRANTED FOR NEW WORK IN THIS AREA.
7. ALL TREES TO BE SOURCED IN ACCORDANCE WITH TESTS AND MEASUREMENTS CONTAINED WITHIN AS 2303-2015 - TREE STOCK FOR LANDSCAPE USE

## SHRUBS & HEDGES

WA

**Botanical Name:** *Westringia 'Aussie Box'*
**Common Name:** Westringia Aussie Box (Native)
**Pot size:** 200mm
**Mature H x S:** 0.9m x 0.9m
**Qty Required:** 17

PR

**Botanical Name:** *Photinia 'Red Robin'*
**Common Name:** Red Robin Photinia (Exotic)
**Pot size:** 200mm
**Mature H x S:** 1.5-3m x 1.5-2.5m
**Qty Required:** 5

## GROUNDCOVERS & GRASSES

**LMG**

**Botanical Name:** *Liriope muscari 'Evergreen Giant'*
**Common Name:** *Giant Lily Turf (Exotic)*
**Pot size:** 150mm
**Mature H x S:** 0.7m x 0.65m
**Qty Required:** 24

**DC**

**Botanical Name:** *Dianella caerulea*
**Common Name:** Blue Flax Lily (Native)
**Pot size:** 150mm
**Mature H x S:** 0.5m x 0.4m
**Qty Required:** 5/m2 (**6.5m2 total)**

**MIX 1**

**Planting Mix 1:**
*Callistemon 'Little John'*
*Dianella caerulea*
*Carpobrotus 'Aussie Rambler'*
*Hibbertia scandens*
**Qty Required:** REFER TO THE MATRIX (**28m2 total)**

**MIX 2**

**PLANTING MIX 2:**
*Westringia 'Mundi'*
*Viola hederacea*
*Lomandra longifollia 'Tanika'*
*Brachycome multifida*
**Qty Required:** REFER TO THE MATRIX (**13.5m2 total)**

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**KEY MAP**

GENERAL NOTE:
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| A | 28.10.2025 | Issued for DA |

PROJECT:
PROPOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELOPMENT
120 OLD PITTWATER ROAD, BROOKVALE

TITLE:
LANDSCAPE PLAN -1

STATUS:
DEVELOPMENT APPLICATION

SCALE: 1:150 @ A1
DATE: OCT 2025
PROJECT No: LPDA 26 - 61
PAGE NUMBER: 3
DRAWN: L.Z
CHECKED: R.F

# LEGEND & SCHEDULE

NOTES:
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2. ANY PLANT SUBSTITUTES REQUIRED DUE TO UNAVAILABILITY SHALL BE RECOMMENDED BY THE LANDSCAPE CONTRACTOR TO BEST MATCH SUBSTITUTED PLANTS AND APPROVED PRIOR TO PURCHASING BY THE LANDSCAPE ARCHITECT.
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5. ALL PLANTING AROUND EXISTING TREES SHALL BE ADJUSTED TO AVOID DAMAGE AND CLASHING WITH SURFACE ROOTS
6. THE NATURE STRIP (STREET FRONTAGE) FOR THE SITE IS PUBLIC LAND, AND ONLY AUTHORIZED WORKS MAY OCCUR HERE. EXISTING CONDITIONS SUCH AS STREET TREES, COUNCIL PLANTING ETC SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION, UNLESS SPECIFIC APPROVAL HAS BEEN GRANTED FOR NEW WORK IN THIS AREA.
7. ALL TREES TO BE SOURCED IN ACCORDANCE WITH TESTS AND MEASUREMENTS CONTAINED WITHIN AS 2303-2015 - TREE STOCK FOR LANDSCAPE USE

## CANOPY TREES (>10M)

WF

**Botanical Name:** *Waterhousia floribunda*
**Common Name:** *Weeping Lilly Pilly* (Native)
**Pot size:** 75Lt
**Mature H x S:** 10m x 6m
**Qty Required:** 2

## TREES (<10M)

OG

**Botanical Name:** *Ceratopetalum gummiferum*
**Common Name:** NSW Christmas Bush (Native)
**Pot size:** 75Lt
**Mature H x S:** 5-8m x 3-4m
**Qty Required:** 1

## SHRUBS & HEDGES

MLC

**Botanical Name:** *Melaleuca 'Claret Tops'*
**Common Name:** Dwarf Paperbark (Native)
**Pot size:** 200mm
**Mature H x S:** 1-1.2m x 1.0m
**Qty Required:** 45

PR

**Botanical Name:** *Photinia 'Red Robin'*
**Common Name:** Red Robin Photinia (Exotic)
**Pot size:** 200mm
**Mature H x S:** 1.5-3m x 1.5-2.5m
**Qty Required:** 52

## GROUNDCOVERS & GRASSES

LLT

**Botanical Name:** *Lomandra longifollia 'Tanika'*
**Common Name:** Lomandra Tanika (Native)
**Pot size:** 200mm
**Mature H x S:** 0.8m x 0.8m
**Qty Required:** 3/m2 (**15m2 total)**

LMG

**Botanical Name:** *Liriope muscari 'Evergreen Giant'*
**Common Name:** *Giant Lily Turf (Exotic)*
**Pot size:** 150mm
**Mature H x S:** 0.7m x 0.65m
**Qty Required:** 42

DC

**Botanical Name:** *Dianella caerulea*
**Common Name:** Blue Flax Lily (Native)
**Pot size:** 150mm
**Mature H x S:** 0.5m x 0.4m
**Qty Required:** 5/m2 (**7m2 total)**

MIX 1

**Planting Mix 1:**
*Callistemon 'Little John'*
*Dianella caerulea*
*Carpobrotus 'Aussie Rambler'*
*Hibbertia scandens*
**Qty Required:** REFER TO THE MATRIX (**95m2 total)**

MIX 2

**PLANTING MIX 2:**
*Westringia 'Mundi'*
*Viola hederacea*
*Lomandra longifollia 'Tanika'*
*Brachycome multifida*
**Qty Required:** REFER TO THE MATRIX (**65m2 total)**

**KEY MAP**

AN AUTOMATED COMMERCIAL GRADE IRRIGATION SYSTEM SHALL BE PROFESSIONALLY INSTALLED TO ALL GARDEN AREAS, INCLUDING RAISED PLANTERS, UPPER FLOOR PLANTERS AND GARDENS IN NATURAL GROUND. THE SYSTEM SHALL BE DESIGNED AND INSTALLED IN LINE WITH THE IRRIGATION PERFORMANCE SPECIFICATION, BY A LICENCED CONTRACTOR OR LANDSCAPER. THE LICENCED CONTRACTOR SHALL PREPARE AN 'AS BUILT' PLAN OF THE SYSTEM TO THE SUPERINTENDENT FOR STRATA RECORDS, FOR FUTURE MAINTENANCE.

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PROJECT:
PROPOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELOPMENT
120 OLD PITTWATER ROAD, BROOKVALE

TITLE:
LANDSCAPE PLAN - 2

STATUS:
DEVELOPMENT APPLICATION

SCALE: 1:150 @ A1
DATE: OCT 2025
PROJECT.No: LPDA 26 - 61
PAGE NUMBER: 4
DRAWN: L.Z
CHECKED: R.F

# LEGEND & SCHEDULE

NOTES:
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7. ALL TREES TO BE SOURCED IN ACCORDANCE WITH TESTS AND MEASUREMENTS CONTAINED WITHIN AS 2303-2015 - TREE STOCK FOR LANDSCAPE USE

## CANOPY TREES (>10M)

AS

**Botanical Name:** *Acmena smithii*
**Common Name:** Lillypilly (Native)
**Pot size:** 75Lt
**Mature H x S:** 12 x 7m
**Qty Required:** 3

## SHRUBS & HEDGES

CB

**Botanical Name:** *Callistemon 'Better John'*
**Common Name:** Better John Bottlebrush (Native)
**Pot size:** 200mm
**Mature H x S:** 1m x 0.9m
**Qty Required:** 19

PR

**Botanical Name:** *Photinia 'Red Robin'*
**Common Name:** Red Robin Photinia (Exotic)
**Pot size:** 200mm
**Mature H x S:** 1.5-3m x 1.5-2.5m
**Qty Required:** 81

## GROUNDCOVERS & GRASSES

DC

**Botanical Name:** *Dianella caerulea*
**Common Name:** Blue Flax Lily (Native)
**Pot size:** 150mm
**Mature H x S:** 0.5m x 0.4m
**Qty Required:** 5/m2 (**6.5m2 total)**

MIX 1

**Planting Mix 1:**
*Callistemon 'Little John'*
*Dianella caerulea*
*Carpobrotus 'Aussie Rambler'*
*Hibbertia scandens*
**Qty Required:** REFER TO THE MATRIX (**105m2 total)**

MIX 2

**PLANTING MIX 2:**
*Westringia 'Mundi'*
*Viola hederacea*
*Lomandra longifollia 'Tanika'*
*Brachycome multifida*
**Qty Required:** REFER TO THE MATRIX (**70m2 total)**

**KEY MAP**

AN AUTOMATED COMMERCIAL GRADE IRRIGATION SYSTEM SHALL BE PROFESSIONALLY INSTALLED TO ALL GARDEN AREAS, INCLUDING RAISED PLANTERS, UPPER FLOOR PLANTERS AND GARDENS IN NATURAL GROUND. THE SYSTEM SHALL BE DESIGNED AND INSTALLED IN LINE WITH THE IRRIGATION PERFORMANCE SPECIFICATION, BY A LICENCED CONTRACTOR OR LANDSCAPER. THE LICENCED CONTRACTOR SHALL PREPARE AN 'AS BUILT' PLAN OF THE SYSTEM TO THE SUPERINTENDENT FOR STRATA RECORDS, FOR FUTURE MAINTENANCE.

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| A | 28.10.2025 | Issued for DA |

PROJECT:
PROPOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELOPMENT
120 OLD PITTWATER ROAD,
BROOKVALE

TITLE:
LANDSCAPE PLAN - 3

STATUS:
DEVELOPMENT APPLICATION

SCALE: 1:150 @ A1
DATE: OCT 2025

PROJECT.No: LPDA 26 - 61
PAGE NUMBER: 5
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CHECKED: R.F

# LEGEND & SCHEDULE

NOTES:
1. ALL FINAL PLANT QUANTITIES INDICATED ON PLANS SHALL BE CHECKED AND VERIFIED BY SUCCESSFUL LANDSCAPE CONTRACTOR.
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7. ALL TREES TO BE SOURCED IN ACCORDANCE WITH TESTS AND MEASUREMENTS CONTAINED WITHIN AS 2303-2015 - TREE STOCK FOR LANDSCAPE USE

## CANOPY TREES (>10M)

AS

**Botanical Name:** *Acmena smithii*
**Common Name:** Lillypilly (Native)
**Pot size:** 75Lt
**Mature H x S:** 12 x 7m
**Qty Required:** 2

## SHRUBS & HEDGES

CB

**Botanical Name:** *Callistemon 'Better John'*
**Common Name:** Better John Bottlebrush (Native)
**Pot size:** 200mm
**Mature H x S:** 1m x 0.9m
**Qty Required:** 45

PR

**Botanical Name:** *Photinia 'Red Robin'*
**Common Name:** Red Robin Photinia (Exotic)
**Pot size:** 200mm
**Mature H x S:** 1.5-3m x 1.5-2.5m
**Qty Required:** 15

## GROUNDCOVERS & GRASSES

LLT

**Botanical Name:** *Lomandra longifollia 'Tanika'*
**Common Name:** Lomandra Tanika (Native)
**Pot size:** 200mm
**Mature H x S:** 0.8m x 0.8m
**Qty Required:** 3/m2 (**15m2 total)**

LMG

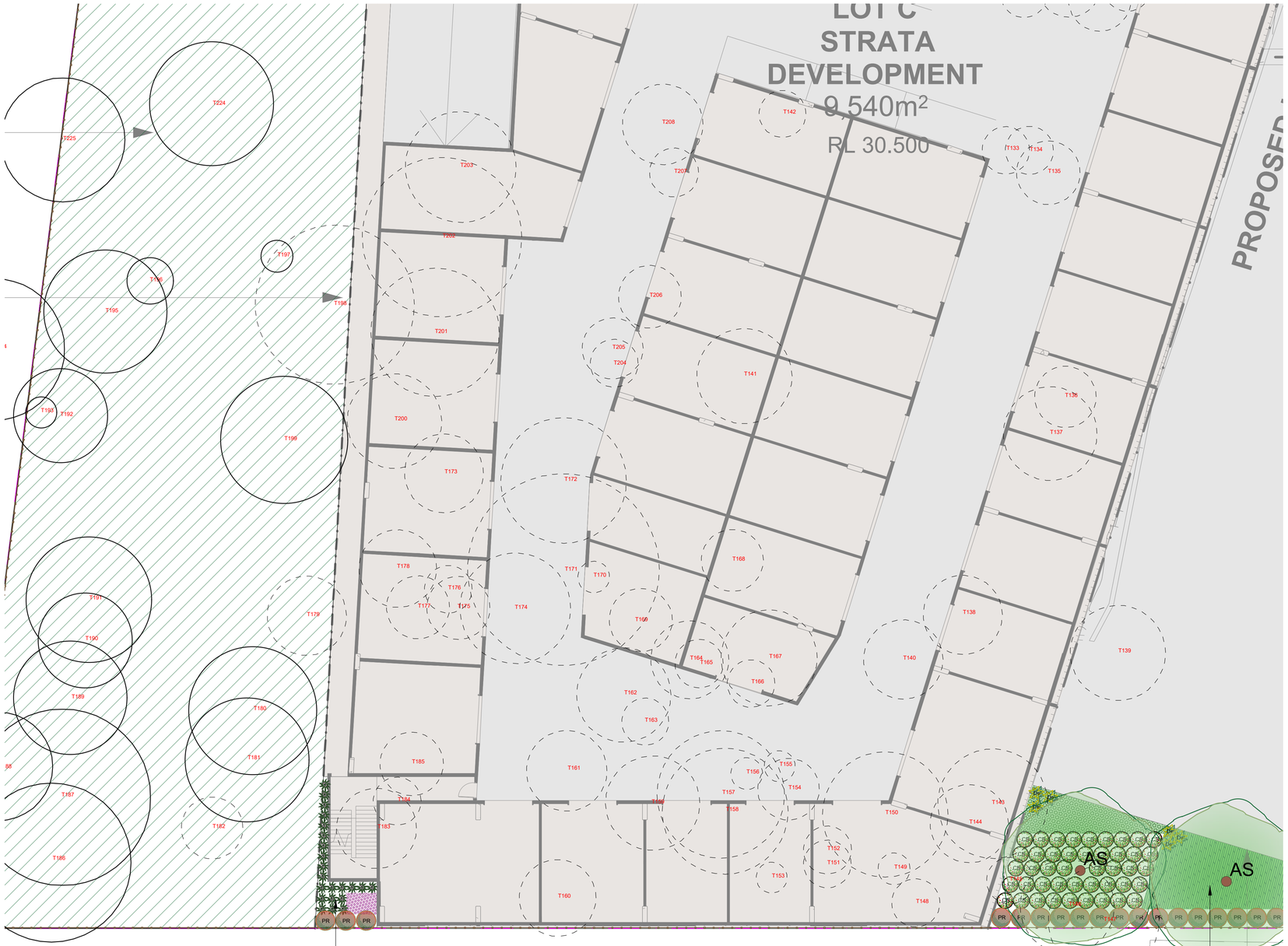
**Botanical Name:** *Liriope muscari 'Evergreen Giant'*
**Common Name:** *Giant Lily Turf (Exotic)*
**Pot size:** 150mm
**Mature H x S:** 0.7m x 0.65m
**Qty Required:** tbc

DC

**Botanical Name:** *Dianella caerulea*
**Common Name:** Blue Flax Lily (Native)
**Pot size:** 150mm
**Mature H x S:** 0.5m x 0.4m
**Qty Required:** 5/m2 (**6.5m2 total)**

MIX 2

**PLANTING MIX 2:**
*Westringia 'Mundi'*
*Viola hederacea*
*Lomandra longifollia 'Tanika'*
*Brachycome multifida*
**Qty Required:** REFER TO THE MATRIX (**40m2 total)**

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**KEY MAP**

*- 3 PR*
*- 22 LMG*
*- 2.5m2 DC*

NO. 122 - 126
RENDERED &
GLASS
COMMERCIAL
WAREHOUSE /
BUILDING

NO. 122 - 126
RENDERED &
GLASS
COMMERCIAL
WAREHOUSE /
BUILDING

*- 2 AS*
*- 15 PR*
*- 6 DE*
*- 45 CB*
*- Groundcover:*
*- 40m2 MIX 2*
*- 15m2 LLT*

GENERAL NOTE:
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**AILA Associate**

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DIAL 1100 BEFORE YOU DIG

*Bar Scale*
0 1 2 3 4 5m 10m 15m

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COUNCIL
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Centennial

| REV | DATE | NOTATION/AMENDMENT |
|---|---|---|
| SK1 | 18.09.2025 | Preliminary plan prepared for review |
| SK2 | 20.10.2025 | Coordinated with updated architectural plans |
| A | 28.10.2025 | Issued for DA |

PROJECT:
PROPOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELOPMENT
120 OLD PITTWATER ROAD,
BROOKVALE

TITLE:
LANDSCAPE PLAN - 4

PROJECT.No: LPDA 26 - 61
PAGE NUMBER: 6

STATUS: DEVELOPMENT APPLICATION
SCALE: 1:150 @ A1
DATE: OCT 2025
DRAWN: L.Z
CHECKED: R.F

# LEGEND & SCHEDULE

NOTES:
1. ALL FINAL PLANT QUANTITIES INDICATED ON PLANS SHALL BE CHECKED AND VERIFIED BY SUCCESSFUL LANDSCAPE CONTRACTOR.
2. ANY PLANT SUBSTITUTES REQUIRED DUE TO UNAVAILABILITY SHALL BE RECOMMENDED BY THE LANDSCAPE CONTRACTOR TO BEST MATCH SUBSTITUTED PLANTS AND APPROVED PRIOR TO PURCHASING BY THE LANDSCAPE ARCHITECT.
3. WORKS CERTIFIED FOR FINAL OCCUPANCY CERTIFICATE ARE TO MATCH APPROVED LANDSCAPE PLANS.
4. LANDSCAPE CONTRACTOR SHALL LOCATE AND AVOID SITE STORM WATER & DRAINAGE SERVICES. LOCATE TREES A MINIMUM 1.25M FROM PITS
5. ALL PLANTING AROUND EXISTING TREES SHALL BE ADJUSTED TO AVOID DAMAGE AND CLASHING WITH SURFACE ROOTS
6. THE NATURE STRIP (STREET FRONTAGE) FOR THE SITE IS PUBLIC LAND, AND ONLY AUTHORIZED WORKS MAY OCCUR HERE. EXISTING CONDITIONS SUCH AS STREET TREES, COUNCIL PLANTING ETC SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION, UNLESS SPECIFIC APPROVAL HAS BEEN GRANTED FOR NEW WORK IN THIS AREA.
7. ALL TREES TO BE SOURCED IN ACCORDANCE WITH TESTS AND MEASUREMENTS CONTAINED WITHIN AS 2303-2015 - TREE STOCK FOR LANDSCAPE USE

## CANOPY TREES (>10M)

WF

**Botanical Name:** *Waterhousia floribunda*
**Common Name:** *Weeping Lilly Pilly* (Native)
**Pot size:** 75Lt
**Mature H x S:** 10m x 6m
**Qty Required:** 3

## TREES (<10M)

OG

**Botanical Name:** *Ceratopetalum gummiferum*
**Common Name:** NSW Christmas Bush (Native)
**Pot size:** 75Lt
**Mature H x S:** 5-8m x 3-4m
**Qty Required:** 4

## SHRUBS & HEDGES

CB

**Botanical Name:** *Callistemon 'Better John'*
**Common Name:** Better John Bottlebrush (Native)
**Pot size:** 200mm
**Mature H x S:** 1m x 0.9m
**Qty Required:** 24

PR

**Botanical Name:** *Photinia 'Red Robin'*
**Common Name:** Red Robin Photinia (Exotic)
**Pot size:** 200mm
**Mature H x S:** 1.5-3m x 1.5-2.5m
**Qty Required:** 27

## GROUNDCOVERS & GRASSES

LLT

**Botanical Name:** *Lomandra longifollia 'Tanika'*
**Common Name:** Lomandra Tanika (Native)
**Pot size:** 200mm
**Mature H x S:** 0.8m x 0.8m
**Qty Required:** 3/m2 (**27m2 total)**

LMG

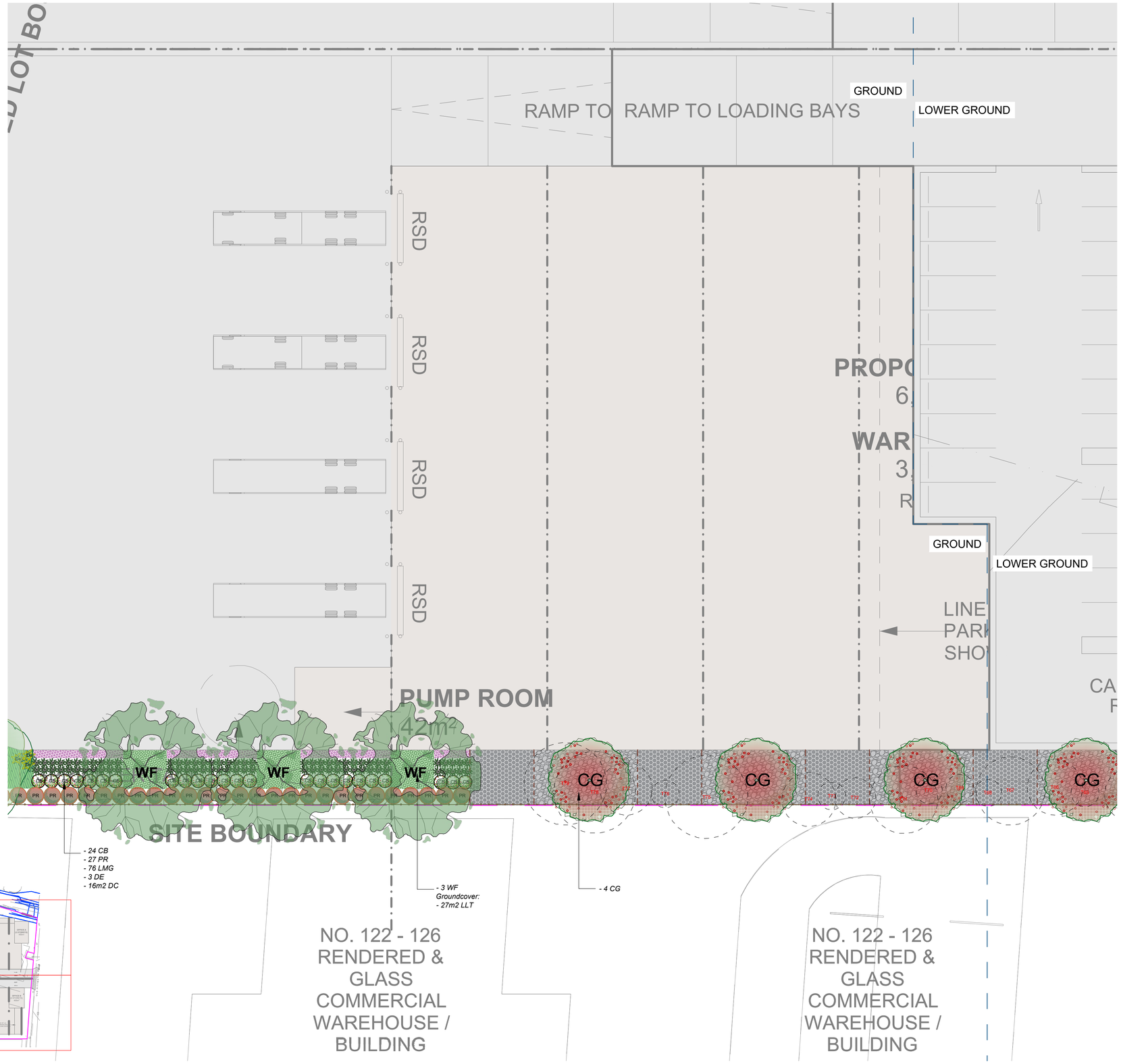
**Botanical Name:** *Liriope muscari 'Evergreen Giant'*
**Common Name:** *Giant Lily Turf (Exotic)*
**Pot size:** 150mm
**Mature H x S:** 0.7m x 0.65m
**Qty Required:** 76

DC

**Botanical Name:** *Dianella caerulea*
**Common Name:** Blue Flax Lily (Native)
**Pot size:** 150mm
**Mature H x S:** 0.5m x 0.4m
**Qty Required:** 5/m2 (**16m2 total)**

AN AUTOMATED COMMERCIAL GRADE IRRIGATION SYSTEM SHALL BE PROFESSIONALLY INSTALLED TO ALL GARDEN AREAS, INCLUDING RAISED PLANTERS, UPPER FLOOR PLANTERS AND GARDENS IN NATURAL GROUND. THE SYSTEM SHALL BE DESIGNED AND INSTALLED IN LINE WITH THE IRRIGATION PERFORMANCE SPECIFICATION, BY A LICENCED CONTRACTOR OR LANDSCAPER. THE LICENCED CONTRACTOR SHALL PREPARE AN 'AS BUILT' PLAN OF THE SYSTEM TO THE SUPERINTENDENT FOR STRATA RECORDS, FOR FUTURE MAINTENANCE.

KEY MAP

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| SK2 | 20.10.2025 | Coordinated with updated architectural plans |
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PROJECT:
PROPOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELOPMENT
120 OLD PITTWATER ROAD, BROOKVALE

TITLE:
LANDSCAPE PLAN - 5

STATUS:
DEVELOPMENT APPLICATION

SCALE: 1:150 @ A1
DATE: OCT 2025

PROJECT.No: LPDA 26 - 61
PAGE NUMBER: 7
DRAWN: L.Z
CHECKED: R.F

# LEGEND & SCHEDULE

NOTES:
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## CANOPY TREES (>10M)

WF
**Botanical Name:** *Waterhousia floribunda*
**Common Name:** *Weeping Lilly Pilly* (Native)
**Pot size:** 75Lt
**Mature H x S:** 10m x 6m
**Qty Required:** 2

AS
**Botanical Name:** *Acmena smithii*
**Common Name:** Lillypilly (Native)
**Pot size:** 75Lt
**Mature H x S:** 12 x 7m
**Qty Required:** 1

## TREES (<10M)

OG
**Botanical Name:** *Ceratopetalum gummiferum*
**Common Name:** NSW Christmas Bush (Native)
**Pot size:** 75Lt
**Mature H x S:** 5-8m x 3-4m
**Qty Required:** 2

## SHRUBS & HEDGES

CB
**Botanical Name:** *Callistemon 'Better John'*
**Common Name:** Better John Bottlebrush (Native)
**Pot size:** 200mm
**Mature H x S:** 1m x 0.9m
**Qty Required:** 10

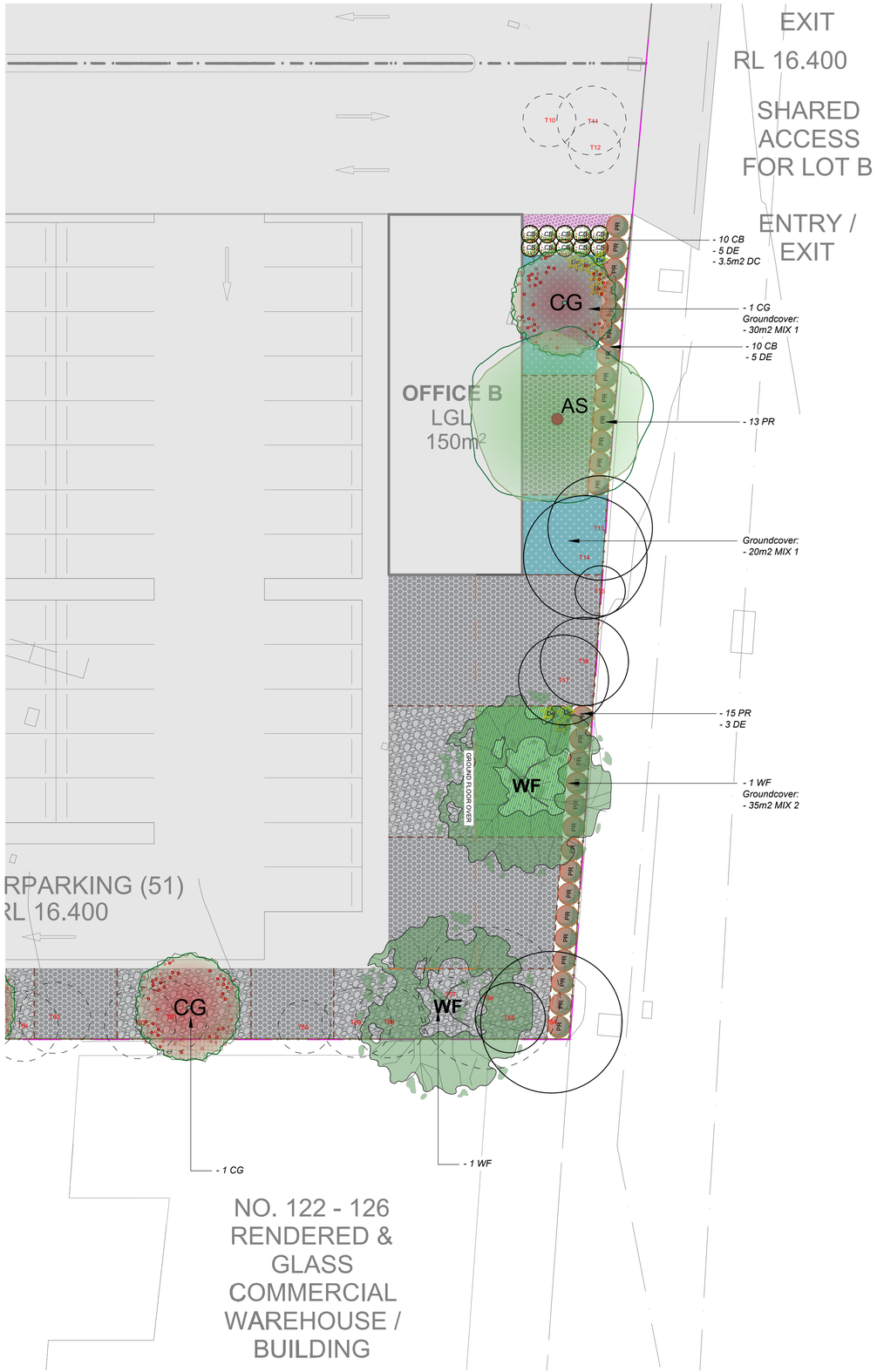
PR
**Botanical Name:** *Photinia 'Red Robin'*
**Common Name:** Red Robin Photinia (Exotic)
**Pot size:** 200mm
**Mature H x S:** 1.5-3m x 1.5-2.5m
**Qty Required:** 28

## GROUNDCOVERS & GRASSES

DC
**Botanical Name:** *Dianella caerulea*
**Common Name:** Blue Flax Lily (Native)
**Pot size:** 150mm
**Mature H x S:** 0.5m x 0.4m
**Qty Required:** 5/m2 (**3.5m2 total)**

MIX 1
**Planting Mix 1:**
*Callistemon 'Little John'*
*Dianella caerulea*
*Carpobrotus 'Aussie Rambler'*
*Hibbertia scandens*
**Qty Required:** REFER TO THE MATRIX (**50m2 total)**

MIX 2
**PLANTING MIX 2:**
*Westringia 'Mundi'*
*Viola hederacea*
*Lomandra longifollia 'Tanika'*
*Brachycome multifida*
**Qty Required:** REFER TO THE MATRIX (**35m2 total)**

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**KEY MAP**

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PROJECT:
PROPOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELOPMENT
120 OLD PITTWATER ROAD,
BROOKVALE

TITLE:
LANDSCAPE PLAN - 6

STATUS:
DEVELOPMENT APPLICATION

SCALE: 1:150 @ A1
DATE: OCT 2025

PROJECT No: LPDA 26 - 61
PAGE NUMBER: 8
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CHECKED: R.F

# LANDSCAPE WORK SPECIFICATION

## PRELIMINARIES

### 1.01 GENERAL

The following general conditions should be considered prior to the commencement of landscape works:

- The landscape plans should be read in conjunction with the architectural plans, project arborist's assessment, hydraulic plans, service plans and survey prepared for the proposed development.
- All services including existing drainage should be accurately located prior to the commencement of landscape installation. Any proposed tree planting which falls close to services will be relocated on site under the instruction of the landscape architect.
- Installation of conduit for required irrigation, electrical and other services shall be completed prior to the commencement of hardscape works and hardstand pours.
- All outdoor lighting specified by architect or client to be installed by qualified electrician
- Anomalies that occur in these plans should be brought to our immediate attention.
- Where an Australian Standard applies for any landscape material testing or installation technique, that standard shall be followed.

### 1.02 PROTECTION OF ADJACENT FINISHES

The Contractor shall take all precautions to prevent damage to all or any adjacent finishes by providing adequate protection to these areas / surfaces prior to the commencement of the Works

### 1.03 PROTECTION OF EXISTING TREES

Existing trees identified to be retained shall be done in accordance with **(AS)4970-Protection of trees on development sites** as well as in accordance with the tree protection measures prepared by project arborist.

Where general works are occurring around such trees, or pruning is required, a qualified Arborist shall be engaged to oversee such works and manage tree health.
Existing trees designated on the drawing for retention shall be protected at all times during the construction period. Any soil within the drip-line of existing trees shall be excavated and removed by hand only. No stockpiling shall occur within the root zone of existing trees to be retained.

Any roots larger in diameter than 50mm shall only be severed under instruction by a qualified arborist. Roots smaller than 50mm diameter shall be cut cleanly with a saw.

Temporary fencing shall be installed around the base of all trees to be retained prior to the commencement of landscape works. Where possible this fencing will be located around the drip line of these trees, or a minimum of 3m from the trunk. The fencing shall be maintained for the full construction period.

### 1.04 EROSION & POLLUTION CONTROL

The Contractor shall take all proper precautions to prevent the erosion of soil from the subject site. The contractor shall install erosion & sediment control barriers and as required by council, and maintain these barriers throughout the construction period. Note that the sediment control measures adopted should reflect the soil type and erosion characteristics of the site.

Erosion & pollution control measures shall incorporate the following:
- Construction of a sediment trap at the vehicle access point to the subject site.
- Sediment fencing using a geotextile filter fabric in the location indicated on the erosion control plan or as instructed on site by the landscape architect.
- Earth banks to prevent scour of stockpiles
- Sandbag kerb sediment traps
- Straw bale & geotextile sediment filter.
- Exposed banks shall be pegged with an approved Jute matting in preparation for mass planting

Refer to "Sitewise Reference Kit" as prepared by DLWC & WSROC (1997) for construction techniques

## SOIL WORKS

### 2.01 MATERIALS

**Specified Soil Conditioner (Generally to improve site soil)**
The specified soil conditioner for site top-soil improvement shall be an organic mix, equal to "Botany Humus", as supplied by ANL. Note that for sites where soil testing indicates toxins or extremes in pH, or soils that are extremely poor, allow to excavate and supply 300mm of imported soil mix.

**New gardens & proposed Planting**
New garden and planting areas shall consist of a 50/50 mix of clean site soil (refer d) below) and imported "Organic Garden Mix" as supplied by ANL or approved equal. All mixes are to comply with AS 4419 Soils for landscaping & garden use, & AS 4454 Composts, Soil conditioners & mulches.

**Specified Soil Mix - Turf**
The specified soil mix for all turf areas shall be a min 75mm layer of imported soil mix consisting of 80% washed river sand (reasonably coarse), and 20% composted organic matter equivalent to mushroom compost or soil conditioner, or other approved lawn top dress.

**Site Topsoil**
Site topsoil is to be clean and free of unwanted matter such as gravel, clay lumps, grass, weeds, tree roots, sticks, rubbish and plastics, and any deleterious materials and materials toxic to plants. The topsoil must have a pH of between 5.5 and 7. Use 100% imported soil mix when site when site topsoil runs out.

### 2.02 INSTALLATION (TO GARDEN OUTSIDE OF TREE PROTECTION ZONES OF TREES RECOMMENDED TO BY RETAINED)

**Note: No level changes (Cut or Fill), soil ripping within the Tree Protection Zones of trees to be retained**

**a) Testing**
All testing is to be conducted in accordance with AS 1289 Methods for testing soils for engineering purposes. Site soil shall be given a pH test prior to modifying to ensure conditions are appropriate for planting as stated above. Tests shall be taken in several areas where planting is proposed, and the pH shall be adjusted accordingly with sulphur or lime to suit.

Note that a soil test conducted by the "Sydney Soil Lab" or approved equal shall be prepared for all commercial, industrial and multi-unit residential sites. The successful landscape contractor shall implement the recommendations of this test.

**b) Set Out of Individual Trees & Mass Planting Areas**
All individual tree planting positions and areas designated for mass planting shall be set out with stakes or another form of marking, ready for inspection and approval. Locate all services.

**c) Establishing Subgrade Levels outside of tree protection zones of trees to be retained**
Subgrade levels are defined as the finished base levels prior to the placement of the specified material (i.e. soil conditioner). The following subgrade levels shall apply:

- Mass Planting Beds - 300mm below existing levels with specified imported soil mix.
- Turf areas - 100mm below finished surface level.

Note that all subgrades shall consist of a relatively free draining natural material, consisting of site topsoil placed previously by the Civil Contractor. No builders waste material shall be acceptable.

**d) Subgrade Cultivation**
Cultivate all subgrades to a minimum depth of 100mm in all planting beds and all turf areas, ensuring a thorough breakup of the subgrade into a reasonably coarse tilth. Grade subgrades to provide falls to surface and subsurface drains, prior to the placement of the final specified soil mix.

**e) Drainage Works**
Install surface and subsurface drainage where required and as detailed on the drawing. Drain subsurface drains to outlets provided, with a minimum fall of 1:100 to outlets and / or service pits.

**f) Placement and Preparation of Specified Soil Conditioner & Mixes.**

- Trees in turf & beds - Holes shall be twice as wide as root ball and minimum 100mm deeper - backfill hole with 50/50 mix of clean site soil and imported "Organic Garden Mix" as supplied by ANL or approved equal.
- Mass Planting Beds - Install specified soil conditioner to a compacted depth of 100mm

Place the specified soil conditioner to the required compacted depth and use a rotary hoe to thoroughly mix the conditioner into the top 300mm of garden bed soil. Ensure thorough mixing and the preparation of a reasonably fine tilth and good growing medium in preparation for planting.

- Turf Areas - Install specified soil mix to a minimum compacted depth of 75mm.

Place the specified soil mix to the required compacted depth and grade to required finished soil levels, in preparation for planting and turfing.

## PLANTING

### 3.01 MATERIALS

**a) Quality and Size of Plant Material**
All trees supplied above a 25L container size must be grown and planted in accordance with **AS 2303:2018 'TREE STOCK FOR LANDSCAPE USE'** Certification that trees have been grown to AS 2303:2018 is to be provided upon request of Council's Tree Management Officer.
*Above - Ground Assessment:*
The following plant quality assessment criteria should be followed:
*Plant true to type, Good vigour and health, free from pest & disease, free from injury, self-supporting, good stem taper, has been pruned correctly, is apically dominant, has even crown symmetry, free from included bark & stem junctions, even trunk position in pot, good stem structure*
*Below - Ground Assessment:*
*Good root division & direction, rootball occupancy, rootball depth, height of crown, non-suckering* For further explanation and description of these assessment criteria, refer to Ross Clark's book.
All Plant material shall be to the type and size specified. No substitutions of plant material shall be permitted without written prior approval by the Landscape Architect. No plant shall be accepted which does not conform to the standards listed above.

**b) Stakes and Ties**
Provide min. 3 No. Stakes and ties to all plants identified as trees in the plant schedule. Stakes shall be sound, unpainted, straight hardwood, free of knots and pointed at one end. They shall be 1800mm x 50mm x 50mm Hardwood timber, or as per council specification where is available. Ties shall be 50mm wide hessian webbing material.

**c) Fertilisers**
Fertilisers shall be approved slow release fertilisers suitable for the proposed planting types. Note that for native plants, specifically Proteaceae family plants including Grevillea species, low phosphorus fertilizers shall be used.

**d) Mulch**
Mulch for general planter bed shall be an approved equal to "FOREST BLEND" as supplied by ANL. Mulch shall be completely free from any soil, weeds, rubbish or other debris. Mulch for bio-retention/rain garden area where is required shall be non-floatable materials that could include crushed rock, gravel, coarse river sand, scoria or river pebbles. 4-7mm screenings or similar.

**e) Turf**
Turf for project site shall be soft leaf Buffalo or Zoysia macrantha 'Nana' or equivalent unless stated otherwise), free from any weeds and other grasses, and be in a healthy growing condition. Re-turfing to nature strip where is required shall use species that match existing on street.

### 3.02 INSTALLATION

**a) Setting Out**
All planting set out shall be in strict accordance with the drawings, or as directed. Note that proposed tree planting located near services should be adjusted at this stage. Notify Landscape Architect for inspection for approval prior to planting.

**b) Planting**
All plant material shall be planted as soon after delivery as possible. Planting holes for trees shall be excavated as detailed and specified. Plant containers shall be removed and discarded, and the outer roots gently teased from the soil mass. Immediately set plant in hole and backfill with specified soil mix, incorporating the approved quantity of fertiliser for each plant type. Ensure that plants are set plumb vertically and root balls set to the consolidated finished grades detailed on the drawings. Compact the backfilled soil and saturate by hand watering to expel any remaining air pockets immediately after planting.

**c) Staking and Tying**
Staking and tying shall be in strict accordance with the drawings and shall occur immediately following plant placement and soil backfilling. All plants identified as "Trees" on the planting schedule shall be staked with a min. 3 stakes.

**d) Mulching**
Mulch for general planter bed shall be an approved equal to "Forest Blend" as supplied by ANL. Mulch shall be completely free from any soil, weeds, rubbish or other debris. Mulch for bio-retention/rain garden area where is required shall be non-floatable materials that could include crushed rock, gravel, scoria or river pebbles. 4-7mm screenings or similar.

**e) Turfing**
Moisten soil prior to the turf being laid. Turf shall be neatly butt jointed and true to grade to finish flush with adjacent surfaces. Incorporate a lawn fertilizer and thoroughly water in. Keep turf moist until roots have taken and sods/rolls cannot be lifted. Keep all traffic off turf until this has occurred. Allow for top dressing of all turf areas. All turf shall be rolled immediately following installation.

**f) Steel edging**
Where is required, the Contractor shall install steel edge as detailed on the drawings, to all mass planting beds adjoining turf or gravel mulched areas, and where required. The resultant edge shall be true to line and flush with adjacent surfaces. **However, no edging shall be used within the Structural Root Zone (SRZ) of trees to be retained.**

**g) Earth retaining structure**
All walls which form part of drainage works must be built as detailed by the hydraulic engineer. All walls exceeding 800mm shall be of <u>not</u> timber construction materials, construction details to be provided by a qualified engineer. Install wall to suit site levels and to manufacture's specification.

## HARDSCAPE WORKS

### 4.01 GENERAL

The Contractor shall undertake the installation of all hardscape works as detailed on the drawing, or where not detailed, by manufacturers specification.

- Paving - refer to typical details provided, and applicable Australian Standards. *Permeable paving may be used as a suitable means of satisfying Council permeable surface requirements, while providing a useable, hardwearing, practical surface.* In most instances, the client shall nominate the appropriate paving material to be used.

Australian Standards shall be adhered to in relation to all concrete, masonry & metal work. Some details are typical and may vary on site. All hardscape works shall be setout as per the drawings, and inspected and approved by the Landscape Architect prior to installation. All workmanship shall be of the highest standard. Any queries or problems that arise from hardscape variations should be bought to the attention of the Landscape Architect.
Your attention is directed to any obligations or responsibilities under the Dividing Fences Act, 1991 in respect of adjoining property owner/s which may arise from this application. Any enquiries in this regard may be made to the Crown Lands Division on (02) 8836 5332.

## IRRIGATION WORKS

### 5.01 GENERAL (PERFORMANCE SPECIFICATION)

*New irrigation systems to planting areas shall be a Commercial Grade Irrigation System conforming to all relevant Australian standards, including AS 3500 & the Electrical Safety Act 2002, Workplace Health & Safety Act 2011, & the latest Sydney Water Code*

An automated drip-irrigation system is to be installed to all gardens, planters and lawn areas in accordance with the approved Irrigation Design.
This system shall be designed and installed by a qualified and licensed irrigation specialist, to industry standards and to maximise the efficient usage of water.

<u>**Drawings:**</u>
- The Landscape Contractor nominated Licensed Irrigation Specialist shall provide irrigation drawings for approval upon engagement.

<u>**Design Requirements:**</u>
- The irrigation system shall be installed prior to all planting works. It shall incorporate a commercially available irrigation system, with sub-surface dripper lines to irrigate all gardens, planters and lawn areas.
- It shall incorporate a suitable back flow prevention device for the scale of works, an in-line filter, check valves, and suitable high and low density poly hose fittings and PVC piping to achieve flow rates suitable for specified planting.
- The irrigation application rate shall not exceed the infiltration rate of the soil or creates run-off.
- The landscape contractor shall check the existing pressure available from the ring mains and size irrigation piping to suit. Supply shall be from local hose cock where available.
- All piping and fittings shall be buried 50mm below the finished soil levels in garden and lawn areas, and secured in position at 500mm centres with galv wire pins.
- Size of pipes shall be selected to ensure the working pressure at the end of the line does not decrease by more than 5%.

<u>**Services Co-ordination:**</u>
- Co-ordination required by Landscape Contractor or Project Manager to provide required conduit, pipe work and penetration through slabs and planter walls for water and power provisions.
- The Landscape Contractor shall be engaged with the Irrigation Specialist to co-ordinate with the Project Manager to identify the preferred service and conduit locations.
- Project Manager and Landscape Contractor to establish area suitable for irrigation control system with required area, power provision and water supply.

<u>**Testing & Defects:**</u>
Upon completion of installation, the system shall be tested, including:
- Main Line Pressure Test: The main line is pressurised to test for leaks. All valves are shut and the pressure is taken over a determined length of time.
- Dripper Pressure Test: Measurement at flushing valves are taken and the pressure gauged to make sure it conforms to the manufacturer recommendations. The inlet pressure is then tested under the same conditions to check it does not exceed 300Kpa.
- All components are to be satisfactorily functional and operational prior to approval. Should any defect develop, or the capacity or efficiency of the system decline during the agreed maintenance system, then these faults shall be immediately rectified.

<u>**Warranty :**</u>
- A full 12 month warranty shall be included to cover labour and all parts.

<u>**Further Documentation:**</u>
- On request, a detailed irrigation performance specification report can be issued.

## CONSOLIDATION AND MAINTENANCE

### 6.01 GENERAL

The consolidation and maintenance period shall be either :

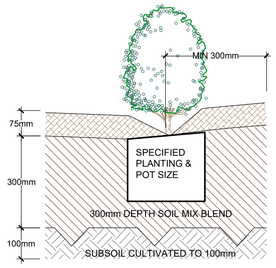
- 6 months beginning from the approved completion of the specified construction work (Practical Completion)
- as agreed to in the landscape contractors contractual obligations.
- or as specified by Council in the Determination.

A qualified landscape maintenance contractor shall undertake the required landscape maintenance works. Consolidation and maintenance shall mean the care and maintenance of Contracted works by accepted landscaping or horticultural practices, ensuring that all plants are in optimum growing conditions and appearance at all times, as well as rectifying any defects that become apparent in the contracted works.

This shall include, but not be limited to, the following items where and as required:

- Watering all planting and lawn areas / irrigation maintenance.
- Clearing litter and other debris from landscaped areas.
- Removing weeds, pruning and general plant maintenance.
- Replacement of damaged, stolen or unhealthy plants.
- Make good areas of soil subsidence or erosion.
- Topping up of mulched areas.
- Spray / treatment for Insect and disease control.
- Fertilizing with approved fertilizers at correct rates.
- Mowing lawns & trimming edges each 14 days in summer or 18 days in winter
- Adjusting ties to Stakes
- Maintenance of all paving, retaining and hardscape elements.

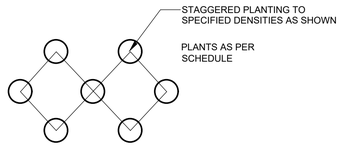
On the completion of the maintenance period, the landscape works shall be inspected and at the satisfaction of the superintendent or landscape architect, the responsibility will be signed over to the client.




SOIL MIX:
50% OF STOCKPILED SITE TOPSOIL FREE FROM ALL BUILDER'S RUBBISH AND DELETERIOUS MATERIALS. TOPSOIL TO BE AMELIORATED, MIXED WITH MINIMUM 50% IMPORTED GARDEN MIX OR SOIL CONDITIONER/ COMPOSTED ORGANIC MATTER - SEE SPEC.
USE 100% IMPORTED SOIL MIX WHEN SITE TOPSOIL RUNS OUT.

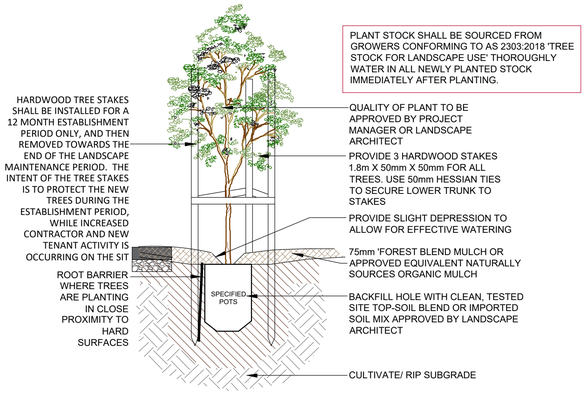
## TYPICAL GARDEN PREPARATION DETAIL

SCALE 1:10
(ONLY APPLICABLE FOR PLANTING AREA OUTSIDE TREE PROTECTION ZONE OF TREES TO BE RETAINED. NO CHANGES ARE TO OCCUR TO EXISTING LEVELS, INCLUDING RIPPING/CULTIVATING OF THE SOIL WITHIN THE TPZ OF TREES TO BE RETAINED ON SITE)



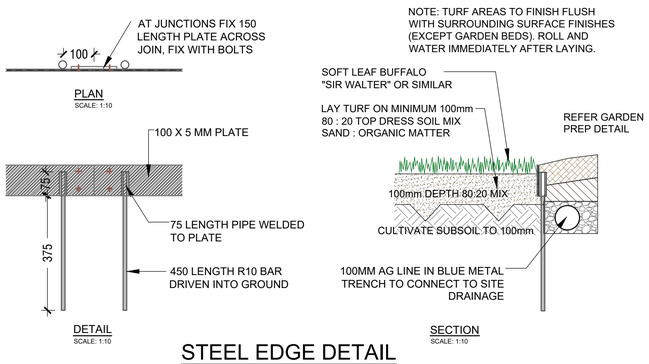

## MASS PLANTING SETOUT

N.T.S



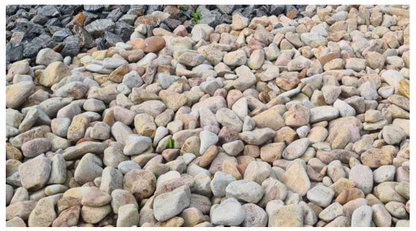

## TREE PLANTING DETAIL

SCALE: 1:10
(ONLY APPLICABLE FOR PLANTING AREA OUTSIDE TREE PROTECTION ZONE OF TREES TO BE RETAINED. NO CHANGES ARE TO OCCUR TO EXISTING LEVELS, INCLUDING RIPPING/CULTIVATING OF THE SOIL WITHIN THE TPZ OF TREES TO BE RETAINED ON SITE)



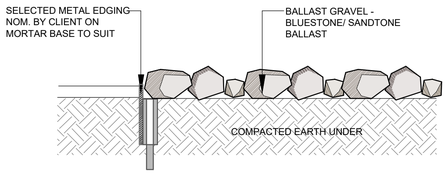

## STEEL EDGE DETAIL

SCALE: 1:10



**SAMPLE IMAGE 1:**
SANDSTONE BALLAST

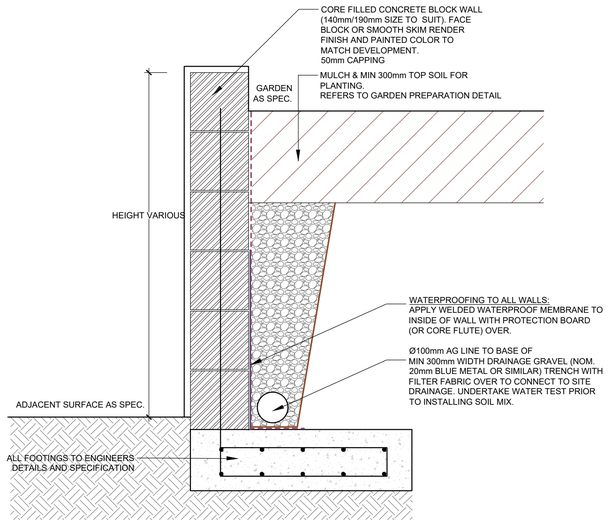
**SAMPLE IMAGE 2:**
BLUESTONE BALLAST




## TYPICAL BALLAST WITH STEEL EDGING

SCALE: 1:10

NOTE: TYPICAL DETAIL ONLY. ALL WALLS WHICH FORM PART OF DRAINAGE WORKS MUST BE BUILT AS DETAILED BY THE HYDRAULIC ENGINEER.
ALL WALLS REFERS TO DETAILS BY PROJECT CIVIL ENGINEER . INSTALL WALL TO SUIT SITE LEVELS AND TO MANUFACTURE'S SPECIFICATION.




## TYPICAL MASONRY BLOCK RETAINING WALL

APPROX 1:10


GENERAL NOTE:
Figured dimensions take preference to scale readings. Verify all dimensions on site. PDF'd plans may vary slightly in Scale for that indicated on plans. Report any discrepancies to the Landscape Architect before proceeding with the work.
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| REV | DATE | NOTATION/AMENDMENT |
|---|---|---|
| SK1 | 18.09.2025 | Preliminary plan prepared for review |
| SK2 | 20.10.2025 | Coordinated with updated architectural plans |
| A | 28.10.2025 | Issued for DA |

PROJECT:
PROPOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELOPMENT
120 OLD PITTWATER ROAD, BROOKVALE

TITLE:
DETAILS & SPECIFICATION

STATUS:
DEVELOPMENT APPLICATION

SCALE:

DATE:
OCT 2025

PROJECT.No:
LPDA 26 - 61

PAGE NUMBER:
9

DRAWN:
L.Z

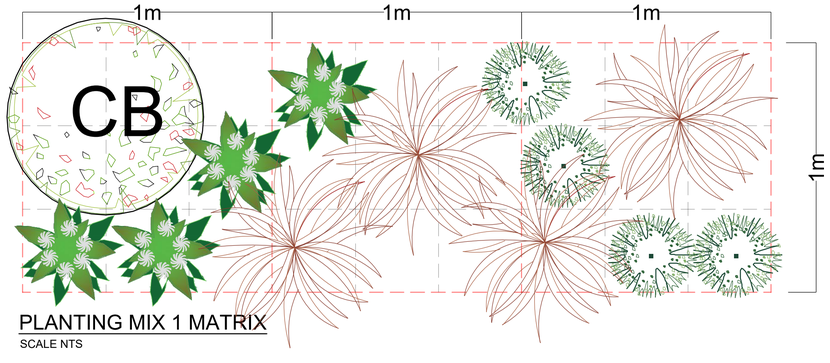
CHECKED:
R.F

MIX 1

**Planting Mix 1:**
*Callistemon 'Little John'*
*Dianella caerulea*
*Carpobrotus 'Aussie Rambler'*
*Hibbertia scandens*

## PLANTING MIX 1

| KEY | Botanical Name | Qty |
|---|---|---|
| CB | *Callistemon 'Little John'* | 1/3m2 |
| | *Dianella caerulea* | 4/3m2 |
| | *Carpobrotus 'Aussie Rambler'* | 4/3m2 |
| | *Hibbertia scandens* | 4/3m2 |



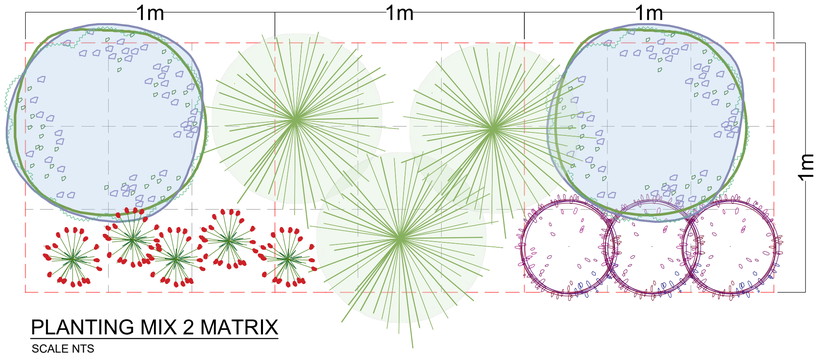

PLANTING MIX 1 MATRIX
SCALE NTS

MIX 2

**PLANTING MIX 2:**
*Westringia 'Mundi'*
*Viola hederacea*
*Lomandra longifollia 'Tanika'*
*Brachycome multifida*

## PLANTING MIX 2

| KEY | Botanical Name | Qty |
|---|---|---|
| | *Westringia 'Mundi'* | 2/3m2 |
| | *Viola hederacea* | 3/3m2 |
| | *Lomandra longifollia 'Tanika'* | 3/3m2 |
| | *Brachycome multifida* | 5/3m2 |




PLANTING MIX 2 MATRIX
SCALE NTS

## SAMPLE IMAGES

**Images are for design intent only, final planting species may vary, as determined by Council Approval**

*Acmena smithii*

*Waterhousia floribunda*

*Ceratopetalum gummiferum*

*Melaleuca linariifolia 'Claret Tops'*

*Westringia 'Aussie Box'*

*Callistemon 'BetterJohn'*

*Lomandra longifollia 'Tanika'*

*Carpobrotus 'Aussie Rambler'*

*Myoporum parvifolium 'Yareena'*

*Liriope muscari 'Evergreen Giant'*

*Viola hederacea*

*Hibertia scandens*

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PLANTING PALETTES

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