



LANDSCAPE ARCHITECTURE

Project No 4672500

CHRISTCHURCH CITY COUNCIL  
URBAN FOREST TREE  
PLANTING PLANS

FOR CONSULTATION  
EVERGREEN  
RESERVE

Prepared for



Beca

NOVEMBER 2025

| RESERVE DRAWING LIST |                               |          |
|----------------------|-------------------------------|----------|
| DRAWING NO.          | DRAWING TITLE                 | REVISION |
| 4672500-AL-EV-000    | TITLE PAGE AND DRAWING INDEX  | A        |
| 4672500-AL-EV-001    | EXISTING PLANTING             | A        |
| 4672500-AL-EV-002    | TREE PLANTING ZONES           | A        |
| 4672500-AL-EV-003    | LOT BOUNDARY CROSS SECTIONS   | A        |
| 4672500-AL-EV-004    | SITE CONCEPT PLAN             | A        |
| 4672500-AL-EV-005    | INDICATIVE TREE PLANTING PLAN | A        |
| 4672500-AL-EV-006    | SITE WIDE CROSS SECTION       | A        |
| 4672500-AL-EV-007    | TREE PLANTING GUIDELINES      | A        |





- LEGEND:**
- + EXISTING TREE LOCATION
  - EXISTING TREES/VEGETATION
  - EXISTING JUVENILE TREE WITH PREDICTED CANOPY
  - EXISTING FOOTPATH
  - EXISTING GARDEN BED
  - PLAYGROUND
  - EXISTING RESERVE AREA 2,143m<sup>2</sup>

**FOR CONSULTATION**

|     |              |    |     |      |          |
|-----|--------------|----|-----|------|----------|
|     |              |    |     |      |          |
| A   | CONSULTATION | RK | JB  | GW   | 12.11.25 |
| No. | Revision     | By | Chk | Appd | Date     |

|                     |                                              |            |          |                            |
|---------------------|----------------------------------------------|------------|----------|----------------------------|
| Original Scale (A3) | Design                                       | R KIRKWOOD | 12.11.25 | Approved For Construction* |
| 1:500               | Drawn                                        | R KIRKWOOD | 12.11.25 |                            |
|                     | Dsg Verifier                                 | G WOOLFORD | 12.11.25 |                            |
|                     | Drg Check                                    | J BYRNE    | 12.11.25 | Date                       |
|                     | * Refer to Revision 1 for Original Signature |            |          |                            |



Project: URBAN FOREST TREE PLANTING PLAN

Title: EVERGREEN RESERVE EXISTING PLANTING

|                   |                      |
|-------------------|----------------------|
| Discipline        | LANDSCAPE            |
| Drawing No.       | Beca Project Number: |
| 4672500-AL-EV-001 | Rev. A               |



LEGEND:

- + EXISTING TREE LOCATION
- EXISTING TREES/VEGETATION
- EXISTING JUVENILE TREE WITH PREDICTED CANOPY
- EXISTING FOOTPATH
- EXISTING GARDEN BED
- PLAYGROUND
- EXISTING RESERVE AREA 2,143m<sup>2</sup>

POTENTIAL TREE PLANTING AREAS:

- 5m-10m TREE HEIGHT ZONES
- 10m-15m TREE HEIGHT ZONES
- 15-20m TREE HEIGHT ZONES
- 20m+ TREE HEIGHT ZONES

FOR CONSULTATION

|     |              |    |     |      |          |
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| A   | CONSULTATION | RK | JB  | GW   | 12.11.25 |
| No. | Revision     | By | Chk | Appd | Date     |

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| 1:500               | Drawn                                        | R KIRKWOOD | 12.11.25 |                            |
|                     | Dsg Verifier                                 | G WOOLFORD | 12.11.25 |                            |
|                     | Drg Check                                    | J BYRNE    | 12.11.25 | Date                       |
|                     | * Refer to Revision 1 for Original Signature |            |          |                            |

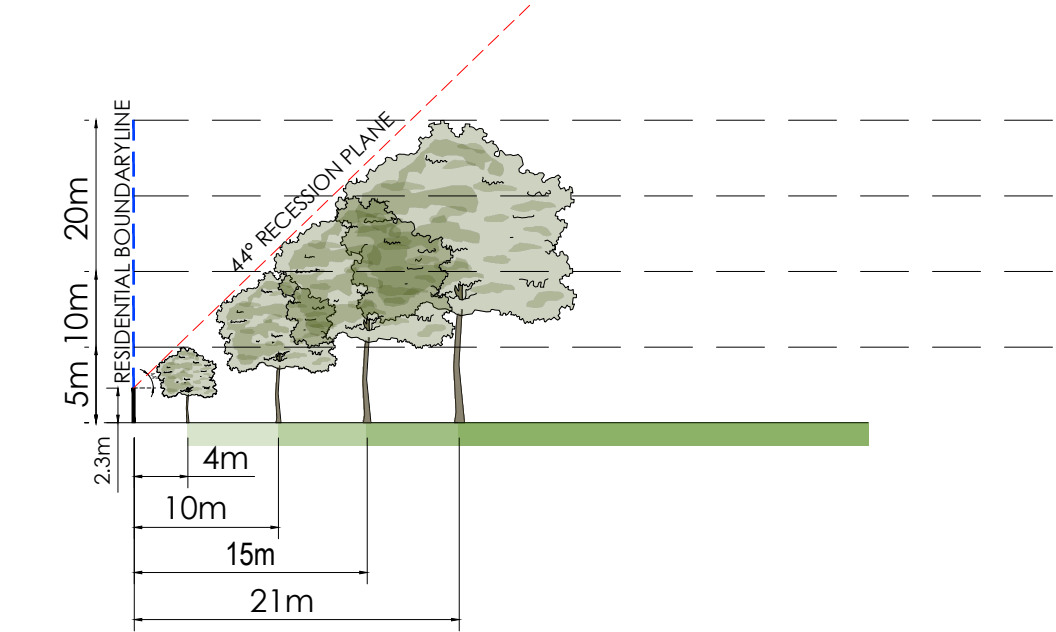


Project: URBAN FOREST TREE PLANTING PLAN

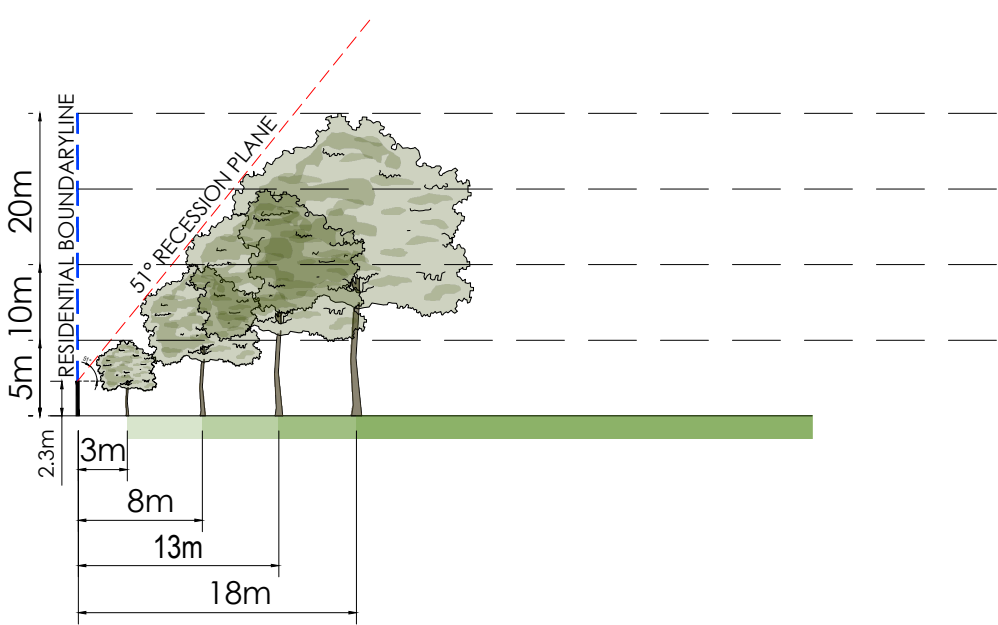
Title: EVERGREEN RESERVE TREE PLANTING ZONES

|                   |                      |
|-------------------|----------------------|
| Discipline        | LANDSCAPE            |
| Drawing No.       | Beca Project Number: |
| 4672500-AL-EV-002 | Rev. A               |

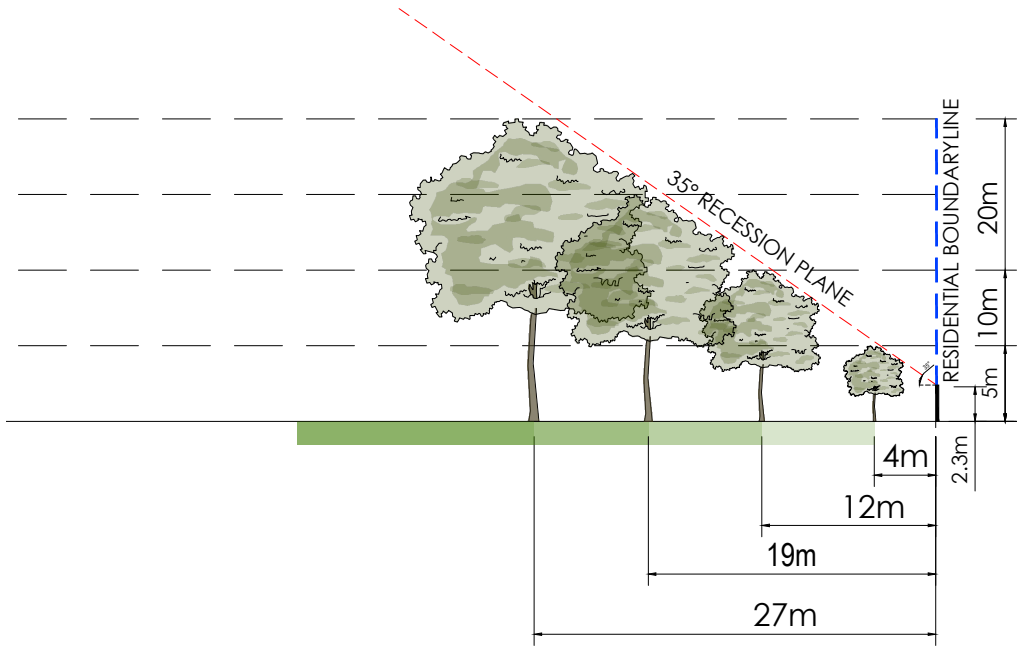
INDICATIVE BOUNDARY CROSS SECTIONS - POTENTIAL TREE PLANTING ZONES



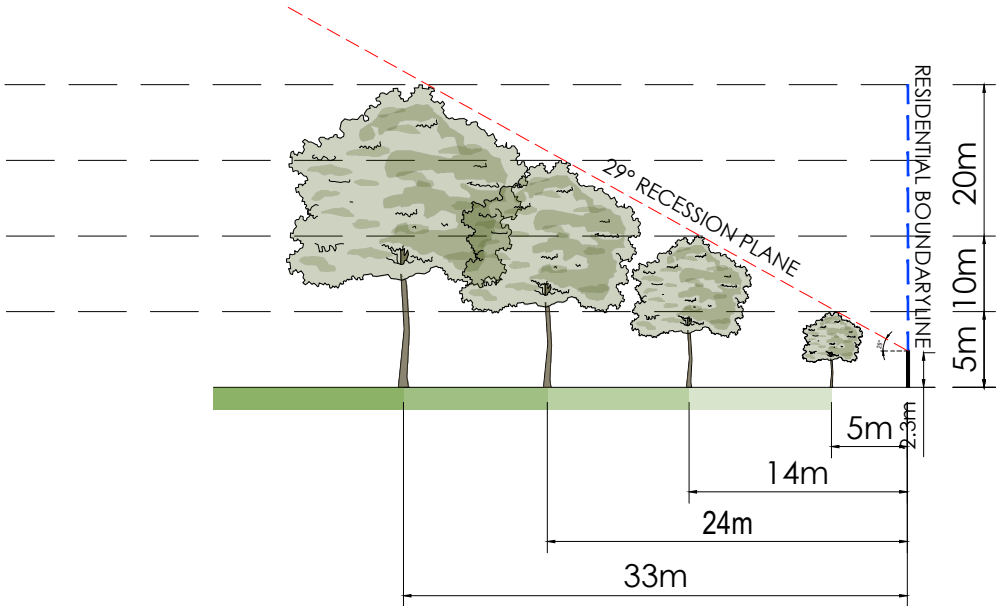
CROSS SECTION AA



CROSS SECTION BB



CROSS SECTION CC



CROSS SECTION DD

LEGEND

- PROPOSED TREE
- EXISTING TREE
- RECESSION PLANE ANGLE
- BOUNDARY LINE
- 2.3m HEIGHT OF MEASURE POINT OF RECESSION PLANE

POTENTIAL TREE PLANTING AREAS:

- 5m-10m TREE HEIGHT ZONES
- 10m-15m TREE HEIGHT ZONES
- 15-20m TREE HEIGHT ZONES
- 20m+ TREE HEIGHT ZONES

FOR CONSULTATION

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| No. | Revision     | By | Chk | Appd | Date     |
| A   | CONSULTATION | RK | JB  | GW   | 12.11.25 |

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| 1:500               | Drawn                                        | R KIRKWOOD | 12.11.25 |                            |
|                     | Dsg Verifier                                 | G WOOLFORD | 12.11.25 |                            |
|                     | Drg Check                                    | J BYRNE    | 12.11.25 | Date                       |
|                     | * Refer to Revision 1 for Original Signature |            |          |                            |



Project: URBAN FOREST TREE PLANTING PLAN

Title: EVERGREEN RESERVE LOT BOUNDARY CROSS SECTIONS

|                   |                      |
|-------------------|----------------------|
| Discipline        | LANDSCAPE            |
| Drawing No.       | Beca Project Number: |
| 4672500-AL-EV-003 | Rev. A               |



LEGEND:

- + EXISTING TREE LOCATION
- EXISTING TREES/VEGETATION
- EXISTING JUVENILE TREE WITH PREDICTED CANOPY
- EXISTING FOOTPATH
- EXISTING GARDEN BED
- PLAYGROUND
- EXISTING RESERVE AREA 2,143m<sup>2</sup>

FOR CONSULTATION

|     |              |    |     |      |          |
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|     |              |    |     |      |          |
| A   | CONSULTATION | RK | JB  | GW   | 12.11.25 |
| No. | Revision     | By | Chk | Appd | Date     |

|                     |                                              |            |          |                            |
|---------------------|----------------------------------------------|------------|----------|----------------------------|
| Original Scale (A3) | Design                                       | R KIRKWOOD | 12.11.25 | Approved For Construction* |
| 1:1250              | Drawn                                        | R KIRKWOOD | 12.11.25 |                            |
|                     | Dsg Verifier                                 | G WOOLFORD | 12.11.25 |                            |
|                     | Drg Check                                    | J BYRNE    | 12.11.25 | Date                       |
|                     | * Refer to Revision 1 for Original Signature |            |          |                            |



Project: URBAN FOREST TREE PLANTING PLAN

Title: EVERGREEN RESERVE SITE CONCEPT PLAN

|                   |                      |
|-------------------|----------------------|
| Discipline        | LANDSCAPE            |
| Drawing No.       | Beca Project Number: |
| 4672500-AL-EV-004 | Rev. A               |



| PLANT SCHEDULE |     |                 |             |
|----------------|-----|-----------------|-------------|
| ID             | QTY | TREE CATEGORY   | TREE HEIGHT |
| SMALL          | 22  | SMALL TREE      | 5-10m       |
| MEDIUM         | 3   | MEDIUM TREE     | 11-15m      |
| LARGE          | -   | LARGE TREE      | 16-20m      |
| VERY LARGE     | -   | VERY LARGE TREE | 20m+        |

| RESERVE CANOPY COVER SUMMARY                                 |               |        |
|--------------------------------------------------------------|---------------|--------|
| EXISTING NUMBER OF TREES                                     | APPROXIMATELY | 35     |
| EXISTING CANOPY COVER                                        | APPROXIMATELY | 5%     |
| PROPOSED NUMBER OF NEW TREES                                 |               | 25     |
| PROPOSED NET CANOPY COVER (EXISTING VEGETATION AND PROPOSED) | APPROXIMATELY | 24.9 % |

LEGEND:

- + EXISTING TREE LOCATION
- EXISTING TREES/VEGETATION
- EXISTING JUVENILE TREE WITH PREDICTED CANOPY
- EXISTING FOOTPATH
- EXISTING GARDEN BED
- PLAYGROUND
- EXISTING RESERVE AREA 2,143m<sup>2</sup>

POTENTIAL TREE PLANTING AREAS:

- 5m-10m TREE HEIGHT ZONES
- 10m-15m TREE HEIGHT ZONES
- 15-20m TREE HEIGHT ZONES
- 20m+ TREE HEIGHT ZONES

PROPOSED TREES:

- SMALL TREE 5-10m
- MEDIUM TREE 10-15m

FOR CONSULTATION

|     |              |    |     |      |          |
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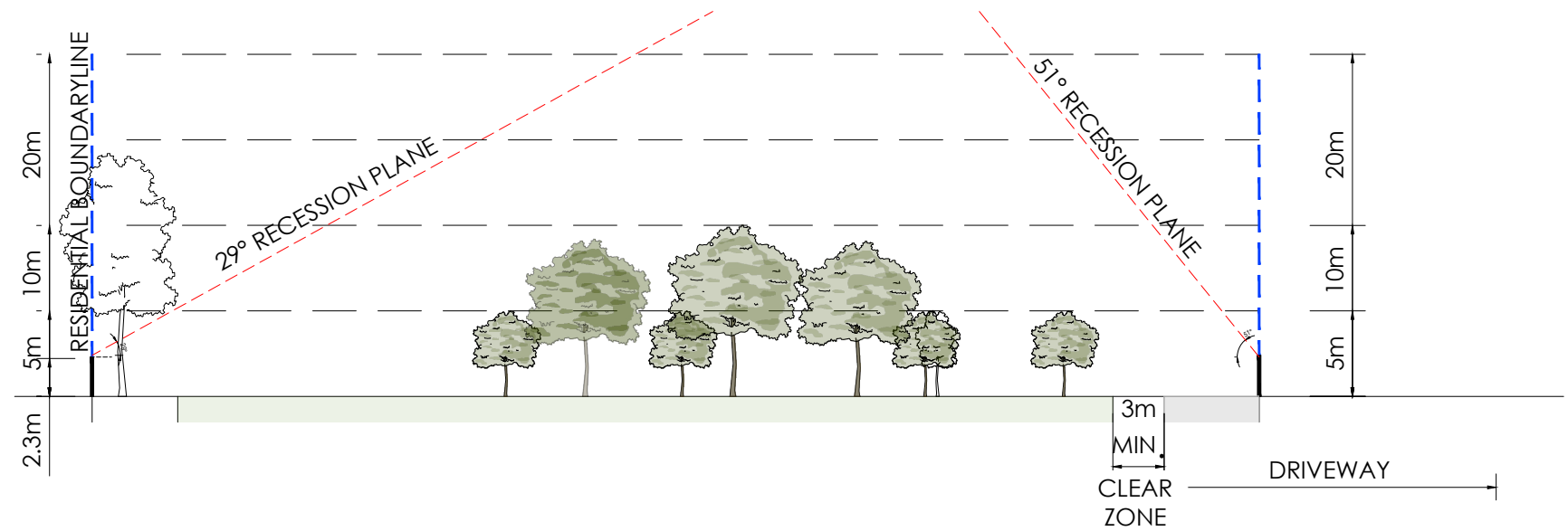


Client: URBAN FOREST TREE PLANTING PLAN

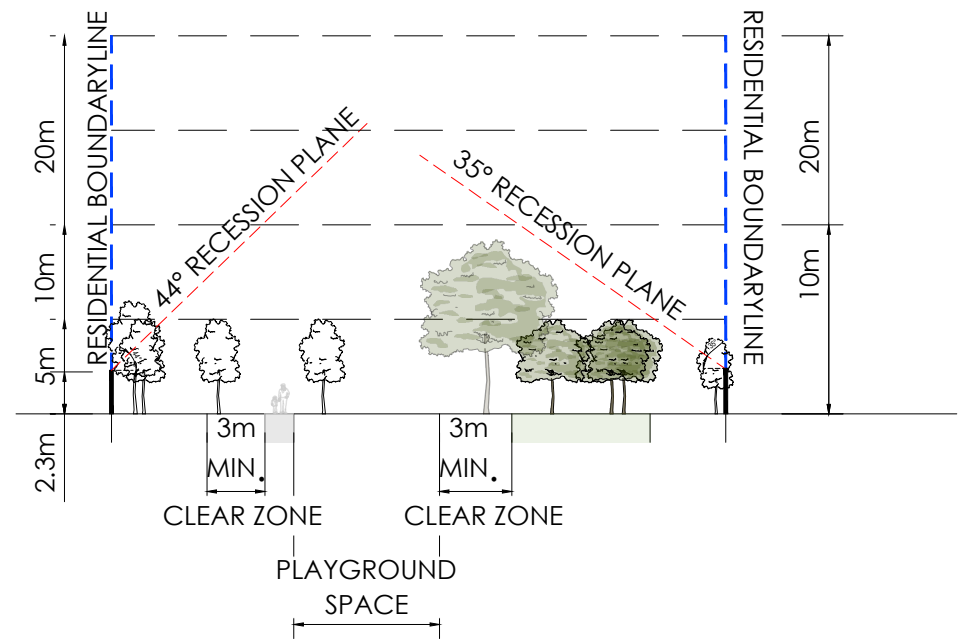
Project: EVERGREEN RESERVE INDICATIVE TREE PLANTING PLAN

|                   |                     |
|-------------------|---------------------|
| Discipline        | LANDSCAPE           |
| Drawing No.       | Beca Project Number |
| 4672500-AL-EV-005 | Rev. A              |

CROSS SECTIONS - PROPOSED TREE PLANTING



CROSS SECTION 01



CROSS SECTION 02

LEGEND

- PROPOSED TREE
- EXISTING TREE
- RECESSION PLANE ANGLE
- BOUNDARY LINE
- 2.3m HEIGHT OF MEASURE POINT OF RECESSION PLANE

POTENTIAL TREE PLANTING AREAS:

- 5m-10m TREE HEIGHT ZONES
- 10m-15m TREE HEIGHT ZONES
- 15-20m TREE HEIGHT ZONES
- 20m+ TREE HEIGHT ZONES

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| Original Scale (A3) | Design                                       | R KIRKWOOD | 12.11.25 | Approved For Construction* |
| 1:250               | Drawn                                        | R KIRKWOOD | 12.11.25 |                            |
|                     | Dsg Verifier                                 | G WOOLFORD | 12.11.25 |                            |
|                     | Drg Check                                    | J BYRNE    | 12.11.25 | Date                       |
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Project: URBAN FOREST TREE PLANTING PLAN

Title: EVERGREEN RESERVE SITE WIDE CROSS SECTIONS

|                      |                   |
|----------------------|-------------------|
| Discipline           | LANDSCAPE         |
| Drawing No.          | 4672500-AL-EV-006 |
| Beca Project Number: |                   |
| Rev.                 | A                 |

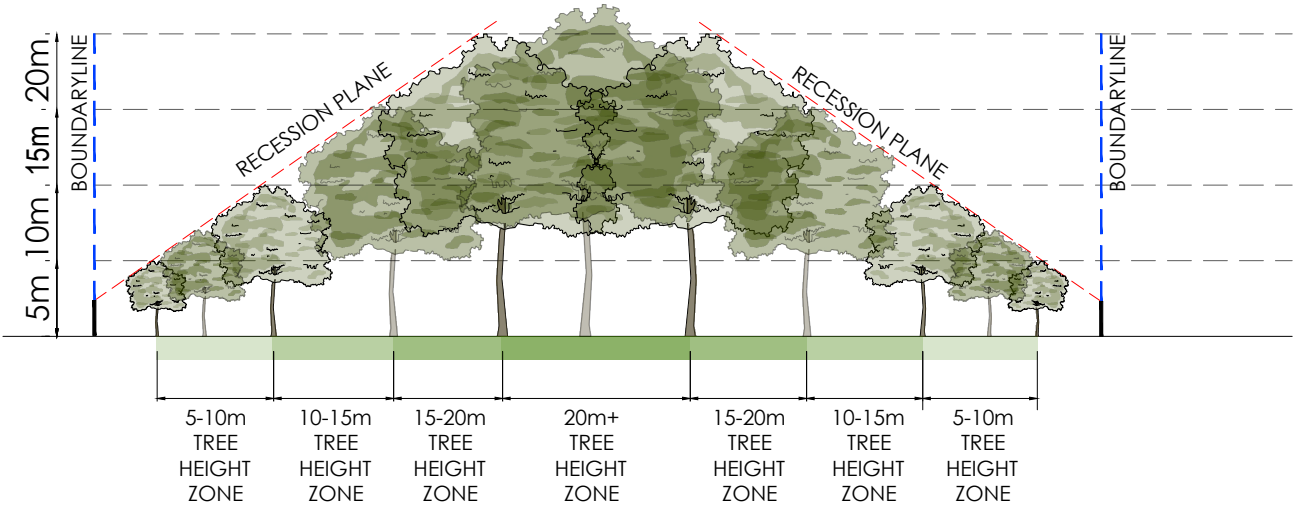
GUIDELINE SUMMARY:

- TREE PLANTING TO SPECIAL CHARACTER RESERVES WILL CONTINUE THE ESTABLISHED THEME.
- TREES WILL BE POSITIONED APPROPRIATELY TO ALLOW FOR MANAGEMENT OF DEBRIS/LEAF LITTER.
- PLANTING ALONG WATERWAYS WILL BE PREDOMINANTLY NATIVE SPECIES.
- CHRISTCHURCH CITY COUNCIL WILL AIM FOR 40-60% OF NEW TREE PLANTINGS AS NATIVES.

TREE SETBACKS AND SPACINGS:

- NO TREE SHALL INTRUDE THROUGH THE RECESSION PLANE.
- NO TREE SHALL BE PLANTED CLOSER THAN 3.0m FROM A PATHWAY.
- NO TREE SHALL BE PLANTED CLOSER THAN 5.0m FROM A SPORTS FIELD AND NO TREE CANOPY DRIP. LINE SHALL EXTEND ABOVE A SPORTS FIELD.
- TREE SPACINGS SHALL BE A MINIMUM OF 5.0m APART TO ALLOW FOR EASY LAWN MOWING.
- MIN. 2m OFFSET FOR LOW VOLTAGE POWER.
- MIN. 3m OFFSET FOR 11kv POWER.
- MIN. 5m OFFSET FOR 33-66kv.
- MIN. 1m OFFSET FOR ALL OTHER SERVICES AND HARD PAVING NOT MENTIONED ABOVE.

TYPICAL TREE PLANTING PATTERN



LEGEND

- PROPOSED TREE
- EXISTING TREE
- RECESSION PLANE ANGLE
- BOUNDARY LINE
- 2.3m HEIGHT OF MEASURE POINT OF RECESSION PLANE

POTENTIAL TREE PLANTING AREAS:

- 5m-10m TREE HEIGHT ZONES
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- 20m+ TREE HEIGHT ZONES

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|                     | Drg Check                                    | J BYRNE    | 12.11.25 | Date                       |
|                     | * Refer to Revision 1 for Original Signature |            |          |                            |



Project: URBAN FOREST TREE PLANTING PLAN

Title: EVERGREEN RESERVE TREE PLANTING GUIDELINES

|                     |                   |
|---------------------|-------------------|
| Discipline          | LANDSCAPE         |
| Drawing No.         | 4672500-AL-EV-007 |
| Beca Project Number |                   |
| Rev.                | A                 |