

# Ayrburn Screen Hub – Southern Boundary Bank Planting Specification and Maintenance Plan

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## 1. INTRODUCTION

- A. This Specification and Maintenance Plan is to be read in conjunction with the Wilding Tree Removal and Proposed Native Planting Plan attached. Together they set out the performance criteria and maintenance requirements of planting and maintenance within the planted areas A-C following the removal of the large conifers. This document pertains to all areas marked A-C with maintenance requirements remaining for the life of the consent.

## 2. PLANTING

- A. The overall bag size and height of the plant shall be as specified in the attached plan.
- B. Container grown plants shall have roots to the edges of the container and when removed from the container the roots shall be substantial enough to support the soil.
- C. Plants that are obviously root bound with roots circling the edge of the container shall be rejected as defects.
- D. Plants are to have evenly established lateral growth. The main stem shall be straight, and the plant shall be substantial enough to be self-supporting.
- E. Plants shall be planted at the original nursery soil depth as defined by the soil mark on the stem.
- F. Plants shall be in good health, free of pests and disease.
- G. There is to be a small dish shaped depression centred around the stem of each plant to allow water to be absorbed locally by the soil. The depression is to be 300mm diameter or the same diameter as the original pot / bag size whatever is greater and 30-70 mm in depth.
- H. On delivery to site the Contractor shall arrange for all plants to be inspected by the Project Manager or Landscape Architect to ensure they meet specifications.

## 3. RABBIT FENCING AND PEST CONTROL

- A. Prior to any planting taking place the area shall be suitably rabbit fenced by a qualified fencer (FCANZ).
- B. Any rabbits shall be eradicated.

## 4. MULCH IN PLANTED AREAS

- A. The minimum depth of wood chip mulch shall be 100mm for the initial establishment of planting.

## 5. FERTILISER

- A. For all planting 1 x 10g 'Agriform' tablet is to be placed below the rootball.

## 6. STAKING AND TYING

- A. All trees to be staked and tied. Stakes to be stained black with Timbacryl 'ebony'.

## 7. MAINTENANCE - PLANTING

- A. Maintenance shall include but is not limited to; watering, spraying, topping up mulch, weeding, trimming, mowing, cultivation, insect and disease control, repairing and replacing of guards, stakes and ties, pruning and other reasonable horticultural operations to ensure normal and healthy plant establishment and growth. Also, generally keeping the area neat and tidy.
- B. Plant losses in excess of 5% are to be replaced.
- C. Replacements to make good defects must be planted during the planting season immediately following their loss. These shall be true to those specified in the schedule
- D. Any defective stakes, ties and protectors etc shall be replaced as they are discovered.

## 8. MAINTENANCE – WEED CONTROL

- A. Weed control should be frequent enough to prevent weed species flowering and seeding.
- B. No weeds over 200mm in height shall encroach within 500mm of any plant. Other vegetation within planted areas will be kept below 500mm in height. This includes grasses.
- C. Any vegetation requiring control shall be sprayed prior to cutting or sprayed / pasted on completion of cutting, in any event a visible dye shall be applied to the application.
- D. A minimum of one site visit is required every 30 days to monitor, maintain and fix any defects.

## 9. MAINTENANCE – RABBIT FENCING AND PEST CONTROL

- A. Rabbit fencing shall be maintained to high visible and functional standard.
- B. Rabbit control, fence checks and warren checks shall be frequent enough to ensure the area is kept rabbit free.
- C. A minimum of one site visit is required every 90 days to monitor, maintain and fix any defects.

## 10. MAINTENANCE - RUBBISH AND LITTER COLLECTION AND REMOVAL

- A. Areas A-B shall be kept free of all litter. This includes but is not limited to items such as plant bags, rubble and rubbish which has migrated to the site.
- B. A minimum of one site visit is required every 90 days to monitor, maintain and fix any defects.

## 11. QUARTERLY ESTABLISHMENT REPORT

- A. An accurate and up to date report on plant condition and establishment works undertaken shall be provided once every 3 months to each owner or occupier of the properties adjoining areas marked A-C as shown on the attached plan. A sample report form is attached.

Information to be provided in this report shall include details of watering, weed control, trimming, pests and diseases noticed on site, and any other works carried out to aid establishment of landscape areas.



## 13. WILDING TREE REMOVAL AND PROPOSED NATIVE PLANTING PLAN

### Lower bank plant species

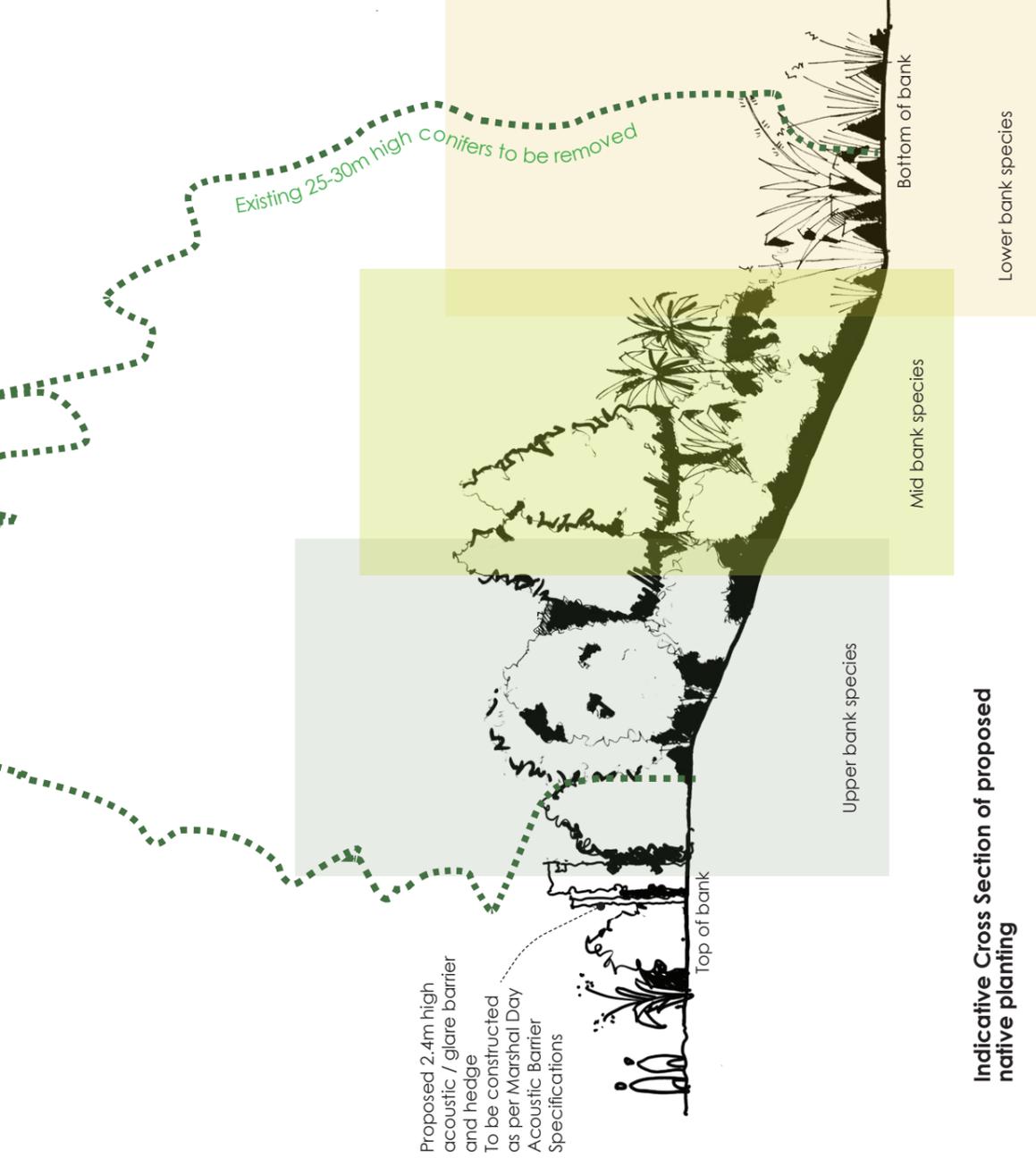
Common Name	Botanical Name	Spacing (m)	Grade	%
Toe Toe	<i>Austideria richardii</i>	1.5	PB3 or RT	20%
Mingimingi	<i>Coprosma Propinqua</i>	1.2	PB3 or RT	5%
Makura Sedge	<i>Carx Secia</i>	1.2	PB3 or RT	5%
NZ Flax	<i>Phormium tenax</i>	1.5	PB3 or RT	30%
Koromiko	<i>Hebe salicifolia</i>	1.5	PB3 or RT	5%
Kohuhu	<i>Pittosorum tenuifolium</i>	1.5	PB3 or RT	30%
Red Tussock	<i>Chinochloa rubra</i>	1.2	PB3 or RT	5%

### Mid bank plant species

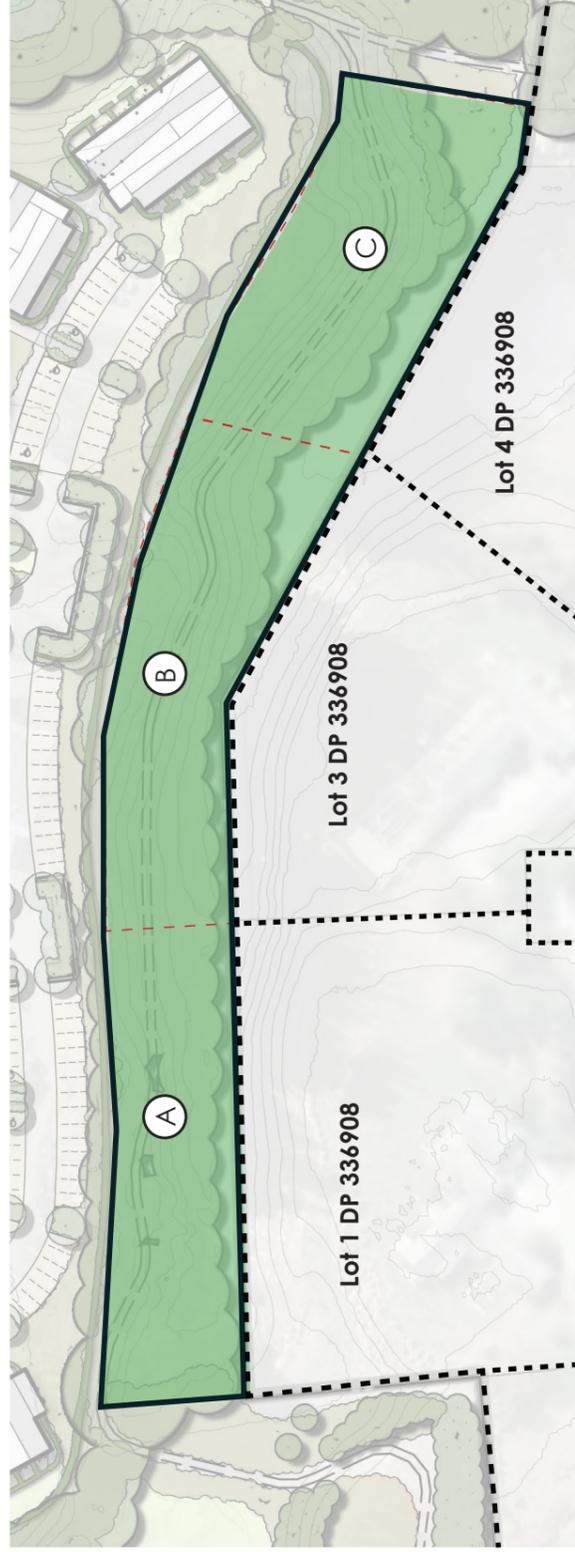
Common Name	Botanical Name	Spacing (m)	Grade	%
Cabbage Tree	<i>Cordyline Australis</i>	1.5	PB3 or RT	5%
Mingimingi	<i>Coprosma Propinqua</i>	1.5	PB3 or RT	5%
Swamp Flax	<i>Phormium tenax</i>	1.5	PB3 or RT	5%
Koromiko	<i>Hebe salicifolia</i>	1.5	PB3 or RT	5%
Toe Toe	<i>Austideria richardii</i>	1.5	PB3 or RT	5%
Kowhai	<i>Sophora microphylla</i>	1.5	PB3 or RT	5%
narrow-leaved tree daisy	<i>Olearia lineata</i>	1.5	PB3 or RT	5%
Ribbonwood	<i>Plagianthus regius</i>	1.5	PB3 or RT	5%
Kohuhu	<i>Pittosorum tenuifolium</i>	1.5	PB3 or RT	20%
Mountain Beech	<i>Fuscopora cliffortoides</i>	3m	8L/1.5-2m high +	40%

### Upper bank species

Common Name	Botanical Name	Spacing (m)	Grade	%
Ribbonwood	<i>Plagianthus regius</i>	1.5	PB3 or RT	20%
Kowhai	<i>Sophora microphylla</i>	1.5	PB3 or RT	10%
narrow-leaved tree daisy	<i>Olearia lineata</i>	1.5	PB3 or RT	10%
Kohuhu	<i>Pittosorum tenuifolium</i>	1.5	PB3 or RT	20%
Cabbage Tree	<i>Cordyline Australis</i>	1.5	PB3 or RT	10%
Mountain Beech	<i>Fuscopora cliffortoides</i>	3m	8L/1.5-2m high +	30%



Indicative Cross Section of proposed native planting



Wilding vegetation to be cleared and planted in native species at spacings and sizes as shown.

Vegetation could be cleared and or topped in phases to avoid temporary effects allowing views but still mitigating visual effects until native planting establishes. Specific phasing to be directed by neighbours adjoining Areas A-C.

For specification including maintenance refer to the Bank Planting Specification and Maintenance Plan.