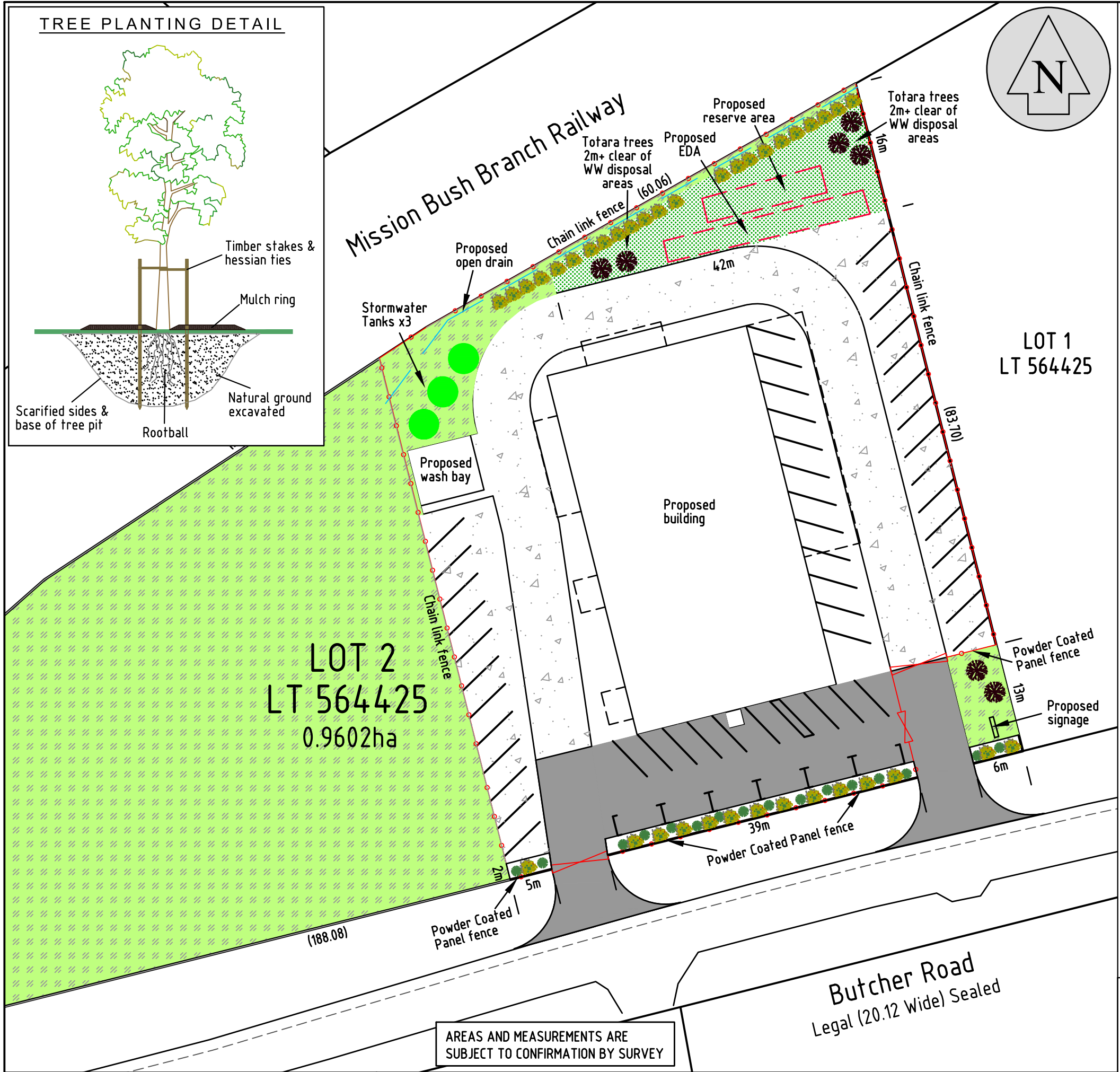
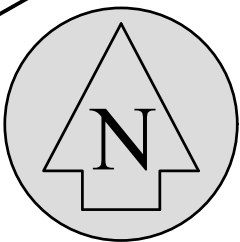
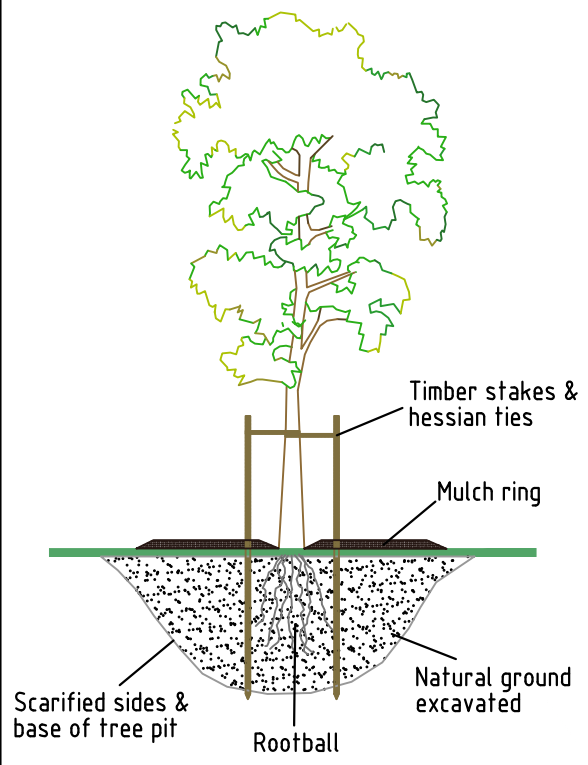


TREE PLANTING DETAIL



STREET TREE IMPLEMENTATION AND MAINTENANCE

Native species that occur within the Manukau Ecological District have been selected to ensure they establish successfully and make a positive visual, water quality and ecological contribution in the region.

Planting Implementation

- Site preparation
- Planting in the Auckland Region is typically concentrated in the autumn (April, May, June) or early spring (late August/September) to target periods of increased rainfall while moderate temperatures persist.
 - At least three weeks prior to planting, the area of proposed planting will be sprayed with an approved herbicide to remove weeds.

Planting

- All plants will be:
- Healthy specimens exhibiting a good symmetrical form, vigorous growth with well formed root systems and free from disease.
 - Planted in holes which are at least twice the side of the root ball.
 - Placed in holes where the walls have been scarified to allow for easy root penetration.
 - Planted with the base and sides of the root mass slightly loosened to aid roots to grow outward, rather than inward.
 - Planted with appropriate slow release fertiliser tablets.
 - Supported with timber stakes and hessian ties when necessary.
- Care must be taken when removing trees from their bags/pots as to minimise root disturbance and trees need to be pressed/heeled in firmly once in the ground to reduce air pockets around the root system. It is recommended that planting areas shall be covered with 50-100mm of mulch to reduce ongoing weed maintenance.

Ongoing maintenance

- Trees shall be maintained at all times thereafter to ensure that they perform the desired amenity and screening function. "Maintained" shall include watering, adding fertiliser, replacing dead or damaged trees, weeding and releasing, re-mulching and pruning in accordance with accepted horticultural practices.

Note
Growth, height and grade information are given in good faith but are subject to natural variables.

LEGEND	
	Photinia - Red Robin
	Podocarpus totara
	Lomandra tanika
	Native mix - flaxes & grasses
	Grass
	Fence



This plan has been prepared for the purpose of obtaining a Resource Consent pursuant to the provisions of the Resource Management Act 1991. Unauthorised copying or use of this plan for any other purpose is not permitted without the prior consent of The Surveying Company Limited. Areas and dimensions shown on this plan are approximate only and are subject to confirmation by survey. This plan is not intended to be used for Architectural Design purposes.

TSC
THE SURVEYING COMPANY
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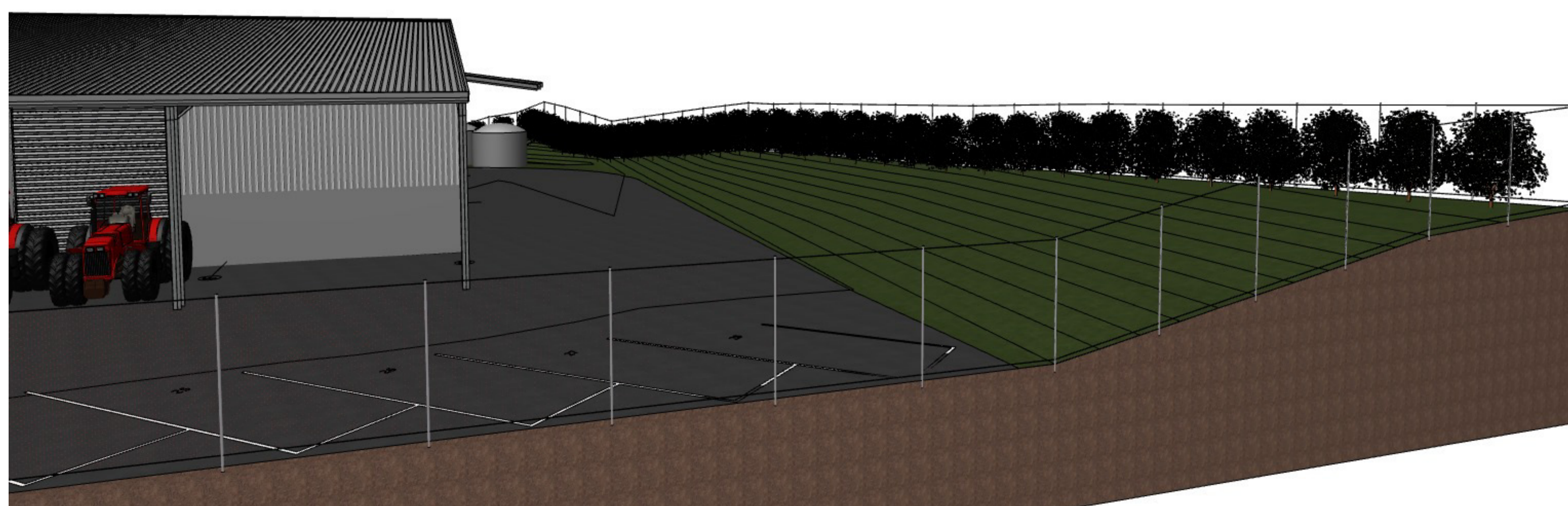
ROGER GILL AGRICULTURE LIMITED

LANDSCAPE PLANTING PLAN - LOT 2 LT 564425
BUTCHER ROAD, PUKEKOHE.

LANDSCAPE PLANTING PLAN

Drawn By R P | J970 - LANDSCAPE PLANTING PLAN 1-B

Scale @A3 | 1 : 500 | FEB 2022 | J970



CLIENT
ROGER GILL AGRICULTURE

ADDRESS
**BUTCHER ROAD
PUKEKOHE
FRANKLIN DISTRICT
AUCKLAND COUNCIL**

PROJECT
**PROPOSED COMMERCIAL
BUILDING**



CTM ARCHITECTURAL LTD
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WORK TO N.Z.B.C. AND RELEVANT CODES
DIMENSIONS SUPERSIDE SCALE
CHECK AND VERIFY ALL LEVELS AND DIMENSIONS
ON SITE BEFORE STARTING ANY WORK.










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PROJECT STATUS
RESOURCE CONSENT

DRAWN RHYS	SCALE AS SHOWN	A01	SHEET	REVISION
DATE 10/11/22	SHT FORMAT A1			
JOB REF 20-088a	TOTAL SHTS 1			

PROPOSED LANDSCAPING PLAN

Proposed Plants

Legend	Botanical name	Common name	Plant size	Mature height	Spread	Plant centres	Notes	Image	Detail image
	Photinia	Red Robin	1l pot 20cm – 35cm	4.5m	3m	1m	Planting proposed along part of the northern boundary (approx. 50m) to provide some screening. An excellent hedging plant. Bright-red growth tips on a compact, lush green shrub. Small white flowers in spring. Tolerant, hardy evergreen.		
	Lomandra Tanika	Lomandra Tanika	2.5l pot 30cm – 45cm	0.7	0.7	0.5m	Planting proposed as a low maintenance, ornamental, amenity plant. Suits dry and wet, sun or shade. Requires very little water once established, and looks great all year round. Evergreen. Hardy.		
	Podocarpus totara	Totara	10l PB18 110cm – 130cm	15m	8m	9 trees	Totara to be used as specimen trees on northern slope. Will grow in a wide range of sites including very exposed and partially shaded. Evergreen tree consistent with remnant Totara groves in the surrounding landscape.		

PROPOSED LANDSCAPING PLAN

Proposed Plants (native mix) 330m²

Legend	Botanical name	Common name	Plant size	Mature height	Spread	Plant centres	Notes	Image	Detail image
	Phormium tenax	Harakeke NZ Flax	2.5l pot 30cm – 45cm	3m	2m	1m	<p>This landscaping is proposed to ensure ongoing site amenity and reduce maintenance works outside the commercial activity area.</p> <p>Planting to be undertaken on the slope to the north of the site. Plant varieties are fast growing, wind hardy, tolerant species. Plants to be planted at 1.0m centres to create a dense landscaped area that overtime will require limited maintenance. Harakeke and NZ Toe Toe provide erosion control on the slope.</p> <p>Plants proposed in this list are to be used as a guide and can be supplemented with other hardy, evergreen shrubs and trees.</p> <p>Pittosporum eugenioides (Lemonwood), Photinia (Red Robin) and Podocarpus totara are also proposed. See table above for details.</p>		
	Leptospermum scoparium Kunzea ericoides	Manuka Kanuka	2.5l pot 35cm – 60cm	4m 10m	3m 4m	1m			
	Melicytus lanceolatus	Narrow-leaved Mahoe	2.5l pot 35cm – 45cm	8m	2.5m	1m			
	Pittosporum crassifolium	NZ Karo	2.5l pot 35cm – 60cm	5m	3m	1m			
	Pseudopanax arboreus	NZ Five Finger	2.5l pot 60cm – 75cm	6m	3.5	1m			

LANDSCAPING PLAN IMPLEMENTATION

PLANTING IMPLEMENTATION

Native species that occur within the Franklin Ecological District have been selected to ensure they establish successfully and make a positive visual, water quality and ecological contribution in the region.

a) Site preparation

- Planting in the Auckland Region is typically concentrated in the autumn (April, May, June) or early spring (late August / September) to target periods of increase rain, while moderate temperatures persist.
- At least three weeks prior to planting, areas of proposed planting will be sprayed with an approved herbicide to remove weeds.

b) Planting

All plants will be:

- Healthy specimens exhibiting a good symmetrical form, vigorous growth with well formed root systems and free from disease.
- Planted using best horticultural techniques in appropriate weather conditions.
- It is recommended that a plant contractor places the plants to achieve a natural mix of species.
- The plant spacing specifications above are a guide to ensure good site coverage. It is recommended that planting areas (excluding the riparian mix) shall be covered with mulch (50-100mm) to reduce ongoing weed maintenance.

c) Ongoing Maintenance

- Planting shall be maintained at all times thereafter to ensure that it performs the desired amenity and screening function. "Maintained" shall include cultivating and conditioning the soil, watering, adding fertiliser, replacing dead or damaged plants, weeding and releasing, and pruning in accordance with accepted horticultural practices.

Note: Growth, height and grade information are given in good faith but are subject to natural variables.

 THE SURVEYING COMPANY Specialist Surveyors, Planners & Engineers	
DRAWING TITLE: LANDSCAPING PLAN	DATE: 25/01/22
CLIENT: ROGER GILL AGRICULTURE LIMITED	DRAWN: RP
SITE: BUTCHER ROAD	VERSION: A
REFERENCE: J970	PAGE: 5