



KEY

-  existing trees
-  deciduous specimen tree
-  evergreen specimen tree
-  nikau
-  hedge to 1.5m
-  hedge to 2.0m
-  large shrub
-  low shrub
-  climber trained on fence/retaining wall
-  groundcover
-  lawn or groundcover
-  driveway - exposed aggregate concrete, standard 10mm chip, 2% black oxide
-  pedestrian priority - broom finish concrete, sandy brown colour
-  Jagag permeable recycled porcelain pavers
-  honed concrete pavers
-  paths - 600 x 150 concrete pavers in pebble
-  honed concrete pavers
-  existing fences retained
-  1.8m vertical timber fence (1.5m vertical palings, top 0.3m horizontal trellis)
-  1.8m horizontal timber slat fence (stained dark grey)
-  1.1m metal railing fence

NOTES:

1. Refer to Dwg No. 19-024-02 for details of plant species, grades, densities and total numbers
2. Refer to Dwg No. 19-024-02 for overview implementation and maintenance specifications

40 West Tamaki Road, St Heliers Residential development - landscape concept plan

Scale: 1 : 200 @ A3
Date: 14 Dec 2021
Drawing no: 19-024-01
Sheet: 1 of 2
Version: 04
Drawn by: HM

helen mellisop LANDSCAPE ARCHITECT

Phone: 09 846 3936
Mobile: 021 164 2808

Email: helen@helenmellisop.co.nz
www.helenmellisop.co.nz



PLANT SPECIES SCHEDULE

Code	Botanical name	Common name	PB size	Density/Spacing	H X S*	Total no.
Specimen trees						
AB	<i>Acer</i> 'Bloodgood'	Small red-leaved maple	PB 95	Per plan	4 x 3m	1
AO	<i>Acer</i> 'Osakasuki'	Small maple	PB 95	Per plan	2.5 x 2m	3
Lf	<i>Liriodendron tulipifera</i> 'Fastigiata'	Fastigate tulip tree	PB 95	Per plan	8 x 3m	2
MV	<i>Magnolia</i> 'Vulcan'	Deciduous magnolia	PB 95	Per plan	5 x 3m	2
MM	<i>Metrosideros</i> 'Mistral'	Small pohutukawa	PB 95	Per plan	5 x 3m	1
MSC	<i>Michelia</i> 'Silver Cloud'		PB 95	Per plan	4.5 x 2.5m	1
Rc	<i>Rhopalostylis cheesmanii</i>	Kermadec Island nikau	PB 95	Per plan	6 x 2m	1
Large shrubs/small trees						
As	<i>Acca sellowiana</i>	Feijoa	PB 12	Per plan	2 x 1.5m	15
Ah	<i>Abutilon hybridum</i>	Chinese lantern	PB 12	Per plan	2 x 1.5m	2
Lg	<i>Luculia gratissima</i>	Pink luculia	PB 12	Per plan	2 x 1.5m	2
Hedges						
Cs	<i>Camellia sasanqua</i> hybrid	Camellia	PB 12	0.75m	2 x 1m	30
Ev	<i>Eugenia ventenati</i>	Lillypilly	PB 5	0.75m	2 x 0.75m	42
Mg	<i>Michelia gracipes</i>		PB 12	0.6m	1.5 x 0.7m	26
Climbers						
Ms	<i>Mandevilla sanderi</i> 'Rosea'	Brazilian jasmine	PB 5	Per plan	-	3
Mc	<i>Metrosideros carminea</i>	Climbing rata	PB 5	Per plan	-	5

* Approximate height and spread 7-10 years after planting

Botanical name	Common name	PB size	Density/ Spacing	Total no/area
Indicative shrubs				
<i>Cordyline stricta</i> ‘Showoff’ (CS)		PB 5	Per plan	Approx 54
<i>Hymenosporum</i> ‘Gold Nugget’	Dwarf Queensland frangipani	PB 5	1/m ²	
<i>Macropiper melchior</i>	Three Kings kawakawa	PB 5	1/m ²	
<i>Muehlenbeckia astonii</i>		PB 5	1/m ²	
<i>Rhododendron vireya</i>	Tropical rhododendron	PB 12	1/m ²	
<i>Viburnum davidii</i>		PB 12	1/m ²	
Indicative groundcovers				
<i>Agapanthus</i> ‘Streamline’	Dwarf agapanthus	PB 2	3/m ²	approx 83m ²
<i>Arthropodium cirrhatum</i>	Rengarenga lily	PB 2	3/m ²	
<i>Clivia miniata</i>	Kaffir lily	PB 3	3/m ²	
<i>Fuchsia procumbens</i> *		PB 2	4/m ²	
<i>Helichrysum petiolare</i> ‘Limelight’	Liquorice plant	PB 3	1/m ²	
<i>Hemerocallis fulva</i>	Day lily	PB 3	3/m ²	
<i>Liriope</i> ‘Royal Purple’	Lily turf	PB 2	4/m ²	
<i>Ophiopogon japonicus</i>	Mondo grass	PB 2	6/m ²	
<i>Pimelia prostrata</i> ‘Flat White’*	NZ Daphne	PB 2	3/m ²	
<i>Pratia angulata</i>	Panakenake	PB 2	4/m ²	

* Suitable for hanging over retaining walls.

IMPLEMENTATION & MAINTENANCE SPECIFICATIONS

- A minimum of 300mm depth of proprietary planting mix or friable topsoil to be provided in all garden beds.
- All garden beds to be mulched to 100mm with grade 4 bark chip or equivalent. Trees in lawn to be mulched to a diameter of 1m.
- For specimen trees, excavate planting holes to twice the diameter and twice the depth of the rootball. Scarify the sides of all holes and break up base of hole to 150mm depth to provide drainage. Set trees upright in the centre of the pit and fill with finely broken down backfill mix (proprietary garden mix or friable topsoil) combined with soil from the tree pit. Carefully pack around roots taking care to exclude air pockets.
- All specimen trees of PB 40 or PB 95 grade to be staked with one or two 1.8m x 50mm x 50mm ground-treated or durable timber stakes, respectively. Trees to be tied with 50mm wide hessian ties or equivalent, tied at one-third of tree height.

MAINTENANCE TASK	FREQUENCY		
	YEAR 1	YEAR 2	YEAR 3 ON
Water all landscape areas	As required	As required	-
Weed control – hand weeding & glyphosate spray	3-monthly	3-monthly	3-monthly
Prune groundcovers	-	6-monthly	6-monthly
Prune hedges to maintain density and specified height and width	-	6-monthly	6-monthly
Prune trees to remove dead branches and to increase canopy height	Annually	Annually	Annually
Check tree stakes and ties and replace or remove if necessary	6-monthly	6-monthly	6-monthly
Check for pests and diseases and treat appropriately	3-monthly	3-monthly	3-monthly
Replace dead or dying plants	Annually	Annually	Annually
Top up mulch to 100mm	Annually	Annually	Annually

