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							PLAN REFERENCE	
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							REA 93136	
						A ADJUSTED FOR SLO		m"
		MI	MIX = 1.0M CRS MASSED PLANTING, EN					
		N = NO MI	MULCH TYPE OM = ORGANIC MULC JLCH (IN RIPARIAN / WETLAND ZONES),					
PLANT	PLANT	BOTANICAL NAME	COMMON NAME	GRADE	% MIX	NOTES	0147	
ГҮРЕ	MIX							
	W EDGE PI	LANTING - ADJACENT TO CYCLEWAY	1		,			ļ
VIL	Α	Acaena novae-zelandiae	Red bidibidi	1.0 litre	10%	front edge		No
NL	A	Austroderia fulvida	syn Cortaderia, toetoe	1.0 litre	5%	back		No
/1L /1L	Α	Carex dipsacea	Teasel sedge	1.0 litre	10%	front edge		No No
1L 1L	A	Carex solandri Carex virgata	Forest sedge, Solander's sedge Swamp sedge	1.0 litre 1.0 litre	10%	front edge mid back		No
1L	A	Coprosma areolata*	Thin leaved Coprosma	1.0 litre	3%	back		No
1L	A	Coprosma propinqua*	Mingimingi	1.0 litre	5%	mid back		No
1L	А	Coprosma repens	Taupata	1.0 litre	10%	mid back	621	No
1L	А	Ficinia nodosa	Wiwi, Knobby club rush	1.0 litre	10%	front edge		No
1L	A	Hebe stricta*	Koromiko	1.0 litre	10%	back		No
1L 	A	Melicope simplex*	Poataniwha	1.0 litre	2%	mid		No
1L	A COCE D	Muehlenbeckia complexa LANTING - ADJACENT TO EXPRESSWAY	Pohuehue, wire vine	1.0 litre	20%	front edge	1241	No
1A55ED LU 1L	B EDGE N	Acaena novae-zelandiae	Red bidibidi	1.0 litre	10%	front edge	799	No
1L	В	Austroderia fulvida	syn Cortaderia, toetoe	1.0 litre	5%	back		No
<u> </u>	6	Carex dipsacea	Teasel sedge	1.0 litre	15%	front edge	1182	
)L	В	Carex solandri	Forest sedge, Solander's sedge	1.0 litre	10%	front edge		No
I L	В	Carex virgata	Swamp sedge	1.0 litre	5%	mid back	394	No
IL	6	Coprosma acerosa	Sand Coprosma	1.0 litre	10%	front mid	788	No
1L	6	Coprosma areolata	Thin leaved Coprosma	1.0 litre	2%	back		No
1L	В	Coprosma propinqua	Mingimingi	1.0 litre	10%	mid back		No
1L 	В	Coprosma repens	Taupata	1.0 litre	8%	mid back		No
<u>1L</u> 1L	6	Ficinia nodosa	Wiwi, Knobby club rush	1.0 litre	15%	front edge mid	1182	1
<u>1</u> L	В	Melicope simplex Hebe stricta	Poataniwha Koromiko	1.0 litre	5% 5%	back		No No
		ENRICHMENT SHELTERED FROM NORTHER			3.4	100ck	354	110
IP	D	Aristotelia serrata	Makomako	1.0 litre	10%		249	No
1P	D	Austroderia fulvida	syn Cortaderia, toetoe	1.0 litre	5%		125	No
10	0	Coprosma tenuicaulis	Hukihuki, swamp Coprosma	1.0 litre	10%		249	No
1 P	0	Cordyline australis	Ti kouka	1.0 litre	10%			No
1P	D	Cyperus ustulatus	Toetoe upokotangata, Giant umbrel	1.0 litre	5%			No
1P 1D	D D	Leptos permum scoparium	Manuka	1.0 litre	30%	+		No No
1P 1P	ט	Melicytus ramiflorus Myrsine australis	Mahoe Mapou, Matipo	1.0 litre	5%	+ +		No
1P	0	Phormium tenax	Harakeke, Flax	1.0 litre	10%	+ +		No
<u>"</u> 1P	0	Pittos porum eugenioides	Tarata, lemonwood	1.0 litre	5%	†		No
1P	D	Pseudopanax arboreus	Whauwhaupaku, Fivefinger	1.0 litre	5%		129	No
I P	D	Syzygium maire	Maire, tawake, Swamp maire	Pb18	20%	enrich		No
IP	D	Rhopalostylis sapida	Nikau	Pb18	50%	enrich		No
IP	D	Alectryon excelsus	Titoki	РЬ18	30%	enrich	79	No
	LANTING + 1	TREE ENRICHMENT - EXPOSED TO NORTHE		1.0.134	En/	+	4.74	No
т т	В	Austroderia fulvida Carex lessoniana	syn Cortaderia, toetoe Cutty grass	1.0 litre 1.0 litre	5% 10%	+		No No
<u>і</u> Т	В	Coprosma rhamnoides	COUTA ELG 23	1.0 litre	5%	+ +		No
rr	В	Cordyline australis	Ti kouka	1.0 litre	10%	†		No
ıτ	6	Kunzea ericoides	Kanuka	1.0 litre	30%	j	2540	
IΤ	6	Melicytus ramiflorus	Mahoe	1.0 litre	10%			No
ıτ	В	Myrsine australis	Mapou, Matipo	1.0 litre	15%		1270	
TT .	В	Pittos porum tenuifolium	Kohuhu	1.0 litre	15%		1270	
1T 	В	Podocarpus totara	Totara	Pb18	40%	enrich		No
ΛT	В	Alectryon excelsus	Titoki	Pb18	60%	enrich	ı 508	No

		TREE ENRICHMENT	Τ	, , , , , , , , , , , , , , , , , , , 			+	
VIT	С	Aristotelia serrata	Makomako	1.0 litre	5%		685	
VIT	С	Carex lessoniana	Cutty grass	1.0 litre	5%	front	685	
VIT	c	Carpodetus serratus	Puta puta weta	1.0 litre	5%	+	685	
VIT VIT	c	Coprosma propinqua Coprosma robusta	Mingimingi Karamu	1.0 litre	7% 10%	+ +	960 1371	
VIT	c	Cordyline australis	Ti kouka	1.0 litre	5%	+	685	
VIT	c	Griselinia lucida	Puka, Broadleaf	1.0 litre	2%		274	
VIT	C	Hebe stricta	Koromiko	1.0 litre	8%	front	1097	
VIT	С	Kunzea ericoides	Kanuka	1.0 litre	12%		1645	
VIT	С	Macropiper excelsum	Kawakawa	1.0 litre	5%		685	_
мт	c	Melicytus ramiflorus	Mahoe	1.0 litre	5%		685	No
MT	С	Melicope ternata	Wharangi	1.0 litre	3%		411	No
VIT	С	Myoporum laetum	Ngaio	1.0 litre	3%		411	No
VIT	С	Myrsine australis	Mapou, Matipo	1.0 litre	7%		960	No
MT	c	Olearia solandri	Coastal tree daisy	1.0 litre	5%		685	
VIT	С	Pittosporum tenuifalium	Kohuhu	1.0 litre	8%		1097	
мт	С	Pseudopanax arboreus	Whauwhaupaku, Fivefinger	1.0 litre	2%		274	
VIT.	С	Sophora microphylla	Kowhai	1.0 litre	3%		411	
VIT	c	Alectryon excelsus	Titoki	Pb18	40%	enrich	548	_
VIT	c	Dysoxylum spectabile	Kohekohe	Pb18	40%	enrich	548	
VIT VIT	c	Knightia excelsa	Rewarewa Totara	Pb18 Pb18	15%	enrich oprich	206	No No
		Podocarpus totara TREE ENRICHMENT (EXOTIC) LEINSTER ROA		PD18	5%	enrich	69	IND
ALL NESSED D	N N	Aristotelia serrata	Makomako	1.0 litre	5%	+ +	90	No
VIT	N	Carex lessoniana	Cutty grass	1.0 litre	5%	+	90	
VIT	N	Coprosma propingua	Mingimingi	1.0 litre	10%	1	181	
VIT	N	Coprosma robusta	Karamu	1.0 litre	10%		181	
VIT	N	Griselinia lucida	Puka, Broadleaf	1.0 litre	2%		36	
VIT	N	Hebe stricta	Koromiko	1.0 litre	20%		362	_
VIT	N	Kunzea ericoides	Kanuka	1.0 litre	12%		217	
VIT	N	Meli cope ternata	Wharangi	1.0 litre	3%		54	No
VIT	N	Macropi per excels um	Kawakawa	1.0 litre	5%		90	Nο
VIT	N	Myrsine australis	Mapou, Matipo	1.0 litre	8%		145	No
MΤ	N	Olearia solandri	Coastal tree daisy	1.0 litre	5%			No
vrr	N	Pittos porum tenui foli um	Kohuhu	1.0 litre	15%		271	No
		EXOTIC TREE ENRICHMENT		1				
<u> </u>	A	Acacia melanoxylon	Blackwood	o/g - 1.0 litre		enrich	14	_
ΓF	В	Alnus cordata	Italian alder	o/g - 1.0 litre		enrich	10	No
TF TF	B G	·	+				10	_
TF RIPARIAN	B G PLANTING	Alnus cordata Eucalyptus ficifolia	Italian alder Flowering gum	o/g - 1.0 litre 1.0 litre	F0/	enrich	10 47	No No
TF RIPARIAN RP	B G PLANTING D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus	ftalian alder Flowering gurn Titoki	0/g - 1.0 litre 1.0 litre 1.0 litre	5%	enrich	10 47 660	No No No
TF TF RIPARIAN RP	B G PLANTING D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta	ttalian alder Flowering gurn Titoki Karamu	0/g - 1.0 litre 1.0 litre 1.0 litre 1.0 litre	35%	enrich	10 47 660 4621	No No No No
TF TF RIPARIAN RP RP	B G PLANTING D D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida	Italian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe	0/g - 1.0 litre 1.0 litre 1.0 litre 1.0 litre 0.5 litre	35% 10%	enrich	10 47 660 4621 1320	No No No No No
TF TF RIPARIAN RP RP RP	B G PLANTING D D D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile	Italian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe	0/g - 1.0 litre 1.0 litre 1.0 litre 1.0 litre 0.5 litre 1.0 litre	35% 10% 5%	enrich	660 4621 1320 660	No No No No No
TF TF RIPARIAN RP RP RP RP RP	B G PLANTING D D D D	Ainus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood	0/g - 1.0 litre 1.0 litre 1.0 litre 1.0 litre 0.5 litre 1.0 litre 1.0 litre	35% 10% 5% 5%	enrich	660 4621 1320 660 660	No No No No No No
TF TF RIPARIAN RP RP RP RP RP	B G PLANTING D D D D D D D D D D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka	0/g - 1.0 litre 1.0 litre 1.0 litre 1.0 litre 0.5 litre 1.0 litre 1.0 litre 1.0 litre	35% 10% 5% 5% 20%	enrich	10 47 660 4621 1320 660 660 2641	No No No No No No
TF TF RIPARIAN RP RP RP RP RP RP RP RP	B G PLANTING D D D D	Ainus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi	0/g - 1.0 litre 1.0 litre 1.0 litre 1.0 litre 0.5 litre 1.0 litre 1.0 litre	35% 10% 5% 5%	enrich	660 4621 1320 660 660	No No No No No No No
TF TF RIPARIAN RP	B G PLANTING D D D D D D D D D D D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax	1.0 litre	35% 10% 5% 5% 20% 10%	enrich	10 47 660 4621 1320 660 660 2641	No No No No No No No
TE RIPARIAN RP RP RP RP RP RP RP RP	B G PLANTING D D D D D D D D D D D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax	1.0 litre	35% 10% 5% 5% 20% 10%	enrich	10 47 660 4621 1320 660 660 2641	No No No No No No No No
TF RIPARIAN RP RP RP RP RP RP RP RP RP R	B G PLANTING D D D D D D D D D D D D D D D D D D D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERM	Italian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND	0/g - 1.0 litre 1.0 litre 1.0 litre 1.0 litre 0.5 litre 1.0 litre ATION	35% 10% 5% 5% 20% 10%	enrich enrich	10 47 660 4621 1320 660 2641 1320	No No No No No No No No
TE RIPARIAN RP RP RP RP RP RP RP RP RP RP RP	B G PLANTING D D D D D D D D PLANTING	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERM	Italian alder Flowering gurn Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei	0/g - 1.0 litre 1.0 litre 1.0 litre 0.5 litre 1.0 litre	35% 10% 5% 5% 20% 10% 10%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320	No No No No No No No No No
TE RIPARIAN RP RP RP RP RP RP RP RP RP RP RP	B G PLANTING D D D D D D D D PLANTING	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERM Carex secta Cordyline australis	ttalian alder Flowering gum Titoki Syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka	0/g - 1.0 litre 1.0 litre 1.0 litre 1.0 litre 0.5 litre 1.0 litre 1.0 litre 1.0 litre 1.0 litre 1.0 litre 1.0 litre 0.5 litre 0.5 litre ATION	35% 10% 5% 5% 20% 10% 10% 50%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320 6893 6893	No No No No No No No No No
F F RIPARIAN RP	B G PLANTING D D D D D D D D PLANTING	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERM Carex secta Cordyline australis	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea	0/g - 1.0 litre 1.0 litre 1.0 litre 0.5 litre 1.0 litre	35% 10% 5% 5% 20% 10% 10% 50%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320 6893 6893	No No No No No No No No No No No No
TE TE RIPARIAN RP	B G PLANTING D D D D D D D D D D D D D D D D D D D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERI Carex secta Cordyline australis Cyperus ustulatus	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea	0/g - 1.0 litre 0.5 litre ATION 0.5 litre 1.0 litre 1.0 litre	35% 10% 5% 5% 20% 10% 10% 50% 5% 15%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320 6893 6893 2068	No N
TE TE RIPARIAN RP	B G PLANTING D D D D D D D D D D D D D D D D D D D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERM Carex secta Cordyline australis Cyperus ustulatus Dacrycarpus dacrydioides Laurelia novae-zealandiae Leptospermum scoparium	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka	0/g - 1.0 litre	35% 10% 5% 5% 20% 10% 50% 55% 15%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320 6893 689 2068	No N
TE TE RIPARIAN RP	B G PLANTING D D D D D D D D D D D D D D D D D D D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERM Carex secta Cordyline australis Cyperus ustulatus Dacrycarpus dacrydioides Laurelia novae-zealandiae Leptospermum scoparium Phormium tenax	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea	0/g - 1.0 litre	35% 10% 5% 5% 20% 10% 10% 50% 55% 25% 25% 3%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320 6893 6893 2068	No N
TE TE TE RIPARIAN RP RP RP RP RP RP NOTETIAND NOP	B G D PLANTING D D D D D D D D D D D D D D D D D D D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERA Carex secta Cordyline australis Cyperus ustulatus Dacrycarpus dacrydioides Laurelia novae-zealandiae Leptospermum scoparium Phormium tenax - EMERGENT 0.0 TO 0.3M WATER DEPTH	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax	0/g - 1.0 litre	35% 10% 5% 5% 20% 10% 50% 55% 15% 2% 3% 15% 10%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320 6893 689 2068 276 414 2068 1379	No N
TE TE RIPARIAN RP RP RP RP RP RP RP RP RP MP	B G G PLANTING D D D D D D D D D D D D D D D D D D D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERF Carex secta Cordyline australis Cyperus ustulatus Dacrycarpus dacrydioides Laurelia novae-zealandiae Leptospermum scoparium Phormium tenax - EMERGENT O.O TO O.SM WATER DEPTH Carex secta	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax	0/g - 1.0 litre	35% 10% 5% 5% 20% 10% 50% 55% 24 3% 15% 10%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320 6893 689 2068 276 414 2068 1379	No N
TE TE RIPARIAN RP RP RP RP RP RP RP METLAND MP	B G PLANTING D D D D D D D D D D D D D PLANTING D D D D PLANTING D D D D D D D D D D D D D D D D D D D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERM Carex secta Cordyline australis Cyperus ustulatus Dacrycarpus dacrydioides Laurelia novae-zealandiae Leptospermum scoparium Phormium tenax - EMERGENT O.O TO O.3M WATER DEPTH Carex secta Carex virgata	ttalian alder Flowering gum Titoki Syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax Pukio, Purei Swamp sedge	0/g - 1.0 litre	35% 10% 5% 5% 20% 10% 10% 50% 5% 24 36 15% 10% 25%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320 6893 6893 2068 276 414 2068 1379	No N
TE TE RIPARIAN RP RP RP RP RP RP RP METLAND MP	B G G PLANTING D D D D D D D D D D D D D D D D D D D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERF Carex secta Cordyline australis Cyperus ustulatus Dacrycarpus dacrydioides Laurelia novae-zealandiae Leptospermum scoparium Phormium tenax - EMERGENT O.O TO O.SM WATER DEPTH Carex secta	ttalian alder Flowering gurn Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax Pukio, Purei Swamp sedge Toetoe upokotangata, Giant	0/g - 1.0 litre	35% 10% 5% 5% 20% 10% 50% 55% 24 3% 15% 10%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320 6893 689 2068 276 414 2068 1379	No N
TE TE TE RIPARIAN RP	B G PLANTING D D D D D D D D D D D D D D D D D D D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERM Carex secta Cordyline australis Cyperus ustulatus Dacrycarpus dacrydioides Laurelia novae-zealandiae Leptospermum scoparium Phormium tenax - EMERGENT 0.0 TO 0.3M WATER DEPTH Carex secta Carex virgata Cyperus ustulatus	ttalian alder Flowering gum Titoki Syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax Pukio, Purei Swamp sedge	0/g - 1.0 litre	35% 10% 5% 5% 20% 10% 50% 55% 15% 15% 10% 24 36 15% 10% 25% 25%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320 6893 689 2068 276 414 2068 1379 2997 5993	No N
TE TE RIPARIAN RP	B G PLANTING D D D D D D D D D D D D PLANTING D D D F F F F	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERM Carex secta Cordyline australis Cyperus ustulatus Dacrycarpus dacrydioides Laurelia novae-zealandiae Leptospermum scoparium Phormium tenax - EMERGENT 0.0 TO 0.3M WATER DEPTH Carex secta Carex virgata Cyperus ustulatus Machaerina rubiginosa (syn Baumea)	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax Pukio, Purei Swamp sedge Toetoe upokotangata, Giant umbrella sedge	0/g - 1.0 litre	35% 10% 5% 5% 20% 10% 10% 50% 5% 15% 10% 24 3% 15% 10% 25% 25%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320 6893 6899 2068 276 414 2068 1379 2997 5993 5993	No N
F F F RIPARIAN RP	B G PLANTING D D D D D D D D D D D D D D D D D D D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERM Carex secta Cordyline australis Cyperus ustulatus Dacrycarpus dacrydioides Laurelia novae-zealandiae Leptospermum scoparium Phormium tenax - EMERGENT 0.0 TO 0.3M WATER DEPTH Carex secta Carex virgata Cyperus ustulatus Machaerina rubiginosa (syn Baumea) Machaerina teretifolia (syn Baumea)	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax Pukio, Purei Swamp s edge Toetoe upokotangata, Giant umbrella sedge	0/g - 1.0 litre	35% 10% 5% 50% 10% 10% 50% 55% 15% 24 36 15% 10% 25% 25%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320 6893 689 2068 276 414 2068 1379 2997 5993 5993	No N
F F F IIPARIAN RP RP RP RP RP VP	B G G PLANTING D D D D D D D D D PLANTING C D D D PLANTING F F F F F F	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERM Carex secta Cordyline australis Cyperus ustulatus Dacrycarpus dacrydioides Laurelia novae-zealandiae Leptospermum scoparium Phormium tenax - EMERGENT 0.0 TO 0.3M WATER DEPTH Carex secta Carex virgata Cyperus ustulatus Machaerina rubiginosa (syn Baumea) Machaerina teretifolia (syn Baumea) Phormium tenax	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax Pukio, Purei Swamp sedge Toetoe upokotangata, Giant umbrella sedge	0/g - 1.0 litre	35% 10% 5% 5% 20% 10% 10% 50% 5% 15% 10% 24 3% 15% 10% 25% 25%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320 6893 6899 2068 276 414 2068 1379 2997 5993 5993	No N
F F F IIPARIAN RP RP RP RP RP RP RP RP VETLAND VP	B G G PLANTING D D D D D D D D D D D PLANTING F F F F F PLANTING	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - StOPING BANK AND HUMMOCKS TO PERF Carex secta Cordyline australis Cyperus ustulatus Dacrycarpus dacrydioides Laurelia novae-zealandiae Leptospermum scoparium Phormium tenax - EMERGENT O.O TO O.3M WATER DEPTH Carex secta Carex virgata Cyperus ustulatus Machaerina rubiginosa (syn Baumea) Phormium tenax - O.S TO O.5M WATER DEPTH	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax Pukio, Purei Swamp sedge Toetoe upokotangata, Giant umbrella sedge Common twig rush, pakihi sedge Harakeke, Flax	0/g - 1.0 litre	35% 10% 5% 5% 20% 10% 50% 55% 15% 24 3% 15% 10% 25% 25% 25%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320 6893 689 2068 276 414 2068 1379 2397 5993 5993	No N
F F IIPARIAN IIP IIP IIP IIP IIP IIP IIP IIP IIP II	B G FILANTING D D D D D D D D D D D D PLANTING F F F F F F F F F F F F F F F F F F F	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - StOPING BANK AND HUMMOCKS TO PERI Carex secta Cordyline australis Cyperus ustulatus Dacrycarpus dacrydioides Laurelia novae-zealandiae Leptospermum scoparium Phormium tenax - EMERGENT 0.0 TO 0.3M WATER DEPTH Carex secta Carex virgata Cyperus ustulatus Machaerina rubiginosa (syn Baumea) Machaerina teretifolia (syn Baumea) Phormium tenax - O.3 TO 0.6M WATER DEPTH Bolboschoenus fluviatilis	ttalian alder Flowering gum Titoki Syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax Pukio, Purei Swamp sedge Toetoe upokotangata, Giant umbrella sedge Common twig rush, pakihi sedge Harakeke, Flax Kukuraho, Marsh club rush	0/g - 1.0 litre	35% 10% 5% 5% 20% 10% 50% 55% 15% 15% 10% 25% 25% 15% 25%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320 6893 6893 2068 276 414 2068 1379 2997 5993 5993 3596 2397	No N
F F IIPARIAN IIP IIP IIP IIP IIP IIP IIP IIP IIP II	B G PLANTING D D D D D D D D D D PLANTING F F F F F F F F F F G G G G G	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERM Carex secta Cordyline australis Cyperus ustulatus Dacrycarpus dacrydioides Laurelia novae-zealandiae Leptospermum scoparium Phormium tenax - EMERGENT 0.0 TO 0.3M WATER DEPTH Carex secta Carex virgata Cyperus ustulatus Machaerina rubiginosa (syn Baumea) Machaerina teretifolia (syn Baumea) Phormium tenax - 0.3 TO 0.6M WATER DEPTH Bolboschoenus fluviatilis Carex secta	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax Pukio, Purei Swamp sedge Toetoe upokotangata, Giant umbrella sedge Common twig rush, pakihi sedge Harakeke, Flax Kukuraho, Marsh club rush Pukio, Purei	0/g - 1.0 litre	35% 10% 5% 5% 20% 10% 50% 55% 15% 15% 15% 15% 10% 25% 25% 15% 10%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320 6893 6893 2068 276 414 2068 1379 2397 5993 3596 2397	No N
F F F IIPARIAN IIP IIP IIP IIP IIP IIP IIP IIP IIP II	B G PLANTING D D D D D D D D D D D D D D D D D D D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERM Carex secta Cordyline australis Cyperus ustulatus Dacrycarpus dacrydioides Laurelia novae-zealandiae Leptospermum scoparium Phormium tenax - EMERGENT 0.0 TO 0.3M WATER DEPTH Carex secta Carex virgata Cyperus ustulatus Machaerina rubiginosa (syn Baumea) Phormium tenax - 0.3 TO 0.6M WATER DEPTH Bolboschoenus fluviatilis Carex secta Eleocharis acuta	ttalian alder Flowering gurn Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax Pukio, Purei Swamp sedge Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax Pukio, Purei Swamp sedge Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Kanakeke, Flax Pukio, Purei Swamp sedge Toetoe upokotangata, Giant umbrella sedge Kahikatea	0/g - 1.0 litre	35% 10% 5% 5% 20% 10% 50% 5% 15% 15% 15% 15% 10% 25% 25% 15% 10%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320 6893 689 2068 276 414 2068 1379 2397 5993 5993 3596 3596 2397	No
TE T	B G G PLANTING D D D D D D D D D D D D D D D D D D D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERM Carex secta Cordyline australis Cyperus ustulatus Dacrycarpus dacrydioides Laurelia novae-zealandiae Leptospermum scoparium Phormium tenax - EMERGENT 0.0 TO 0.3M WATER DEPTH Carex secta Cyperus ustulatus Machaerina rubiginosa (syn Baumea) Machaerina teretifolia (syn Baumea) Phormium tenax - 0.3 TO 0.6M WATER DEPTH Bolboschoenus fluviatilis Carex secta Eleocharis acuta Juncus edgariae (syn J gregifolius)	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax Pukio, Purei Swamp sedge Toetoe upokotangata, Giant umbrella sedge Common twig rush, pakihi sedge Harakeke, Flax Kukuraho, Marsh club rush Pukio, Purei	0/g - 1.0 litre	35% 10% 5% 5% 20% 10% 50% 55% 15% 15% 15% 15% 10% 25% 25% 15% 10%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320 6893 6893 2068 276 414 2068 1379 2397 5993 3596 2397	No
TE T	B G G PLANTING D D D D D D D D D D D D D PLANTING F F F F F F F F F F F WALE PLAN	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERF Carex secta Cordyline australis Cyperus ustulatus Dacrycarpus dacrydioides Laurelia novae-zealandiae Leptospermum scoparium Phormium tenax - EMERGENT 0.0 TO 0.3M WATER DEPTH Carex secta Carex virgata Cyperus ustulatus Machaerina rubiginosa (syn Baumea) Machaerina teretifolia (syn Baumea) Phormium tenax - 0.3 TO 0.6M WATER DEPTH Bolboschoenus fluviatilis Carex secta Eleocharis acuta Juncus edgariae (syn J gregifolius) TING	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax Pukio, Purei Swamp sedge Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Kahikatea Pukatea Manuka Harakeke, Flax Fukio, Purei Swamp sedge Common twig rush, pakihi sedge Harakeke, Flax Kukuraho, Marsh club rush Pukio, Purei Sharp spiked sedge Wiwi	0/g - 1.0 litre	35% 10% 5% 5% 20% 10% 5% 10% 5% 15% 15% 15% 15% 10% 25% 25% 15% 10%	enrich enrich waters edge waters edge	10 47 660 4621 1320 660 2641 1320 1320 6893 6893 2068 276 414 2068 1379 2997 5993 5993 3596 3596 2397 2318 773 1932 2705	No
ITE ITE ITE RIPARIAN RP RP RP RP RP RP WETLAND WP	B G G PLANTING D D D D D D D D D D D D D D D D D D D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERM Carex secta Cordyline australis Cyperus ustulatus Dacrycarpus dacrydioides Laurelia novae-zealandiae Leptospermum scoparium Phormium tenax - EMERGENT 0.0 TO 0.3M WATER DEPTH Carex secta Cyperus ustulatus Machaerina rubiginosa (syn Baumea) Machaerina teretifolia (syn Baumea) Phormium tenax - 0.3 TO 0.6M WATER DEPTH Bolboschoenus fluviatilis Carex secta Eleocharis acuta Juncus edgariae (syn J gregifolius)	ttalian alder Flowering gurn Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax Pukio, Purei Swamp sedge Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax Pukio, Purei Swamp sedge Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Kanakeke, Flax Pukio, Purei Swamp sedge Toetoe upokotangata, Giant umbrella sedge Kahikatea	0/g - 1.0 litre	35% 10% 5% 5% 20% 10% 50% 5% 15% 15% 15% 15% 10% 25% 25% 15% 10%	enrich enrich	10 47 660 4621 1320 660 2641 1320 1320 6893 689 2068 276 414 2068 1379 2397 5993 5993 3596 3596 2397	No
TE TE TE RIPARIAN RP RP RP RP RP RP RP RP NP	B G G PLANTING D D D D D D D D D D D D D D D D D D D	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - StOPING BANK AND HUMMOCKS TO PERF Carex secta Cordyline australis Cyperus ustulatus Dacrycarpus dacrydioides Laurelia novae-zealandiae Leptospermum scoparium Phormium tenax - EMERGENT 0.0 TO 0.3M WATER DEPTH Carex secta Carex virgata Cyperus ustulatus Machaerina rubiginosa (syn Baumea) Phormium tenax - 0.3 TO 0.6M WATER DEPTH Bolboschoenus fluviatilis Carex secta Eleocharis acuta Juncus edgariae (syn J gregifolius) TING Apodasmia similis	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax Pukio, Purei Swamp sedge Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax Pukio, Purei Swamp sedge Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukio, Purei Swamp sedge Toetoe upokotangata, Giant umbrella sedge Kukuraho, Marsh club rush Pukio, Purei Sharp spiked sedge Wiwi Oioi	0/g - 1.0 litre 0.5 litre	35% 10% 5% 5% 20% 10% 5% 10% 5% 15% 15% 15% 15% 10% 25% 25% 15% 10%	enrich enrich waters edge waters edge	10 47 660 4621 1320 660 2641 1320 1320 6893 6893 2068 276 414 2068 1379 2397 5993 5993 5993 3596 3596 2397 2318 773 1932 2705	NO N
TE TE TE RIPARIAN RP RP RP RP RP RP RP RP NP	B G G PLANTING D D D D D D D D D D D D D PLANTING F F F F F F F F F F F WALE PLAN	Alnus cordata Eucalyptus ficifolia Alectryon excelsus Coprosma robusta Austroderia fulvida Dysoxylum spectabile Hedycarya arborea Leptospermum scoparium Melicope ternata Phormium tenax - SLOPING BANK AND HUMMOCKS TO PERF Carex secta Cordyline australis Cyperus ustulatus Dacrycarpus dacrydioides Laurelia novae-zealandiae Leptospermum scoparium Phormium tenax - EMERGENT 0.0 TO 0.3M WATER DEPTH Carex secta Carex virgata Cyperus ustulatus Machaerina rubiginosa (syn Baumea) Machaerina teretifolia (syn Baumea) Phormium tenax - 0.3 TO 0.6M WATER DEPTH Bolboschoenus fluviatilis Carex secta Eleocharis acuta Juncus edgariae (syn J gregifolius) TING	ttalian alder Flowering gum Titoki Karamu syn Cortaderia, toetoe Kohekohe Porokawhiri, Pigeonwood Manuka Wharangi Harakeke, Flax MANENT WATER, OCCASIONAL INUND Pukio, Purei Ti kouka Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Manuka Harakeke, Flax Pukio, Purei Swamp sedge Toetoe upokotangata, Giant umbrella sedge Kahikatea Pukatea Kahikatea Pukatea Manuka Harakeke, Flax Fukio, Purei Swamp sedge Common twig rush, pakihi sedge Harakeke, Flax Kukuraho, Marsh club rush Pukio, Purei Sharp spiked sedge Wiwi	0/g - 1.0 litre	35% 10% 5% 5% 20% 10% 5% 10% 5% 15% 15% 15% 15% 10% 25% 25% 15% 10%	enrich enrich waters edge waters edge	10 47 660 4621 1320 660 2641 1320 1320 6893 6893 2068 276 414 2068 1379 2997 5993 5993 3596 3596 2397 2318 773 1932 2705	No

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ORIGINAL DRAWING
IN COLOUR

FOR CONSTRUCTION

LEINSTER AVE TO RAUMATI PLANTING SCHEDULE

M2PP-33R-D-DWG-8211

D-DWG-8211 1

1	FOR CONSTRUCTION	MP	GFB	DH	DGS	15.12.14	
No.	Revision	By	Chk	Chk.V	Appd	Date	



MacKays to Peka Peka
Wellington Northern Corridor

Document No. M2PP-33R-D-DWG-8211.DWC

							PLAN REFERENCE		
							PLAN	IOTAL	
							AREA	160167	m²
					ARE	A ADJUSTED FOR			
			MT MIX = 1.0M CRS MASSED PLANTING, 8	NRICHMENT 10.				100115	
			MULCH TYPE OM = ORGANIC MU			-			
		M - Ni	D MULCH (IN RIPARIAN / WETLAND ZONES						\vdash
PLANT TYPE	PLANT MIX	BOTANICAL NAME	COMMON NAME	GRACE	% MIX	NOTES			
		PLANTING - ADJACENT TO CYCLEWAY					+		
ML	Λ	Acaena novae-zelandiae	Red bidibidi	1.0 Ttre	10%	front edge	\vdash	450	No
ML	Α	Austroder'a fulvida	syn Cortaderia, toetoe	1.0 tre	5%	back		225	No
ML	А	Carex di osacea	Tease sedge	1.0 Ttre	10%	front edge		450	_
ML	А	Carex solandri	Forest sedge, Solander's sedge	1.0 Ttre	10%	front edge		450	No
ML	Α	Carex virgata	Swamp sedge	1.0 Ttre	5%	mid back		225	_
ML	А	Copros ma areolata	Thin leaved Coprosma	1.0 tre	3%	back		135	No
ML	A	Copros ma propingua	Ming mingi	1.0 "tre	5%	mid back	\Box	225	No
ML	А	Copros ma repens	Taupata	1.0 ∵tre	10%	mid back		450	No
ML	А	Ficinia nodosa	Wiwi, Knobby club rush	1.0 Ttre	10%	front edge		450	No
ML	Α	Hebe stricta	Karomika	1.0 Ttre	10%	back		450	No
ML	А	Melicope simplex	Poataniwha	10 ∷tre	2%	mid		90	No
ML	A	Muehlenbeckia complexa	Pohuenue, wire vine	1.0 ∵tre	20%	front edge		900	No
MASSED L	OW EDGE F	LANTING - ADJACENT TO EXPRESSWAY							
ML	В	Acaena novae-zelandiae	Red bidibidi	1.0 Ttre	10%	front edge		829	No
ML	В	Austroderia fulvida	syn Cortaderia, toetoe	1.0 Ttre	5%	back		415	No
ML	8	Carex dipsacea	Tease sedge	1.0 Ttre	15%	front edge		1244	No
ML	В	Carex solandri	Forest sedge, Solander's sedge	1.0 Ttre	10%	front edge		829	No
ML	8	Carex virgata	Swamp sedge	1.0 Ttre	5%	mid back		415	No
ML	В	Copros má aceros á	Saind Coprosma	1.0 tre	10%	front mid		829	No
ML	В	Copros ma areolata	Thin Leaved Coprosma	1.0 Ttre	2%	back		166	No
ML	В	Copros ma propinqua	Ming mingi	1.0 ∵tre	10%	mid back		829	No
ML	В	Copros ma repens	Taupata	1.0 ∵tre	8%	mid back	\perp	663	_
ML	В	Ficinia nodosa	Wiwi, Knabby club rush	1.0 Ttre	15%	front edge	\perp	1244	_
ML	8	Melicope simplex	Poataniwha	10∵tre	5%	mid	\perp	415	No
ML	В	Hebe stricta	Koromiko	1.0 ∵tre	5%	back	\perp	415	No
		PLANTING, ADJACENT TO WETLAND					\perp		<u> </u>
ML	С	Austroder a toetoe	syn Cortaderia, toetoe	0.5 ∷tre	10%		+	246	
ML	c.	Carex di osacea	Tease sedge	0.5 Ttre	20%		+	492	_
ML	c	Carex secta	Pukio, Purei	0.5 Tre	15%	+	1 1		
ML	C	Carex virgata	Swamp sedge	0.5 tre	15%	+	+	369	_
ML	C	Copros ma propingua	Ming mingi	0.5 "tre	15%		+	369	_
ML	C.	Cordyline australis	Ti kouka	1.0 Ttre	10%	+	+	246	_
ML	c	Cyperus ostolatus	Toetoe upokotangata, Giant umbrella sedge	0.5 ∷tre	10%			246	No
ML	С	Phormium tenax	Harakeke, Flax	0.5 ∷tre	5%		$oldsymbol{oldsymbol{\sqcup}}$	123	No
MASSED P	LANTING +	TREE ENRICHMENT - EXPOSED TO NOR	THERLY, KANUKA DOMINANT						
MT	В	Austroderia fulvida	syn Cortaderia, toetoe	1.0 ∵tre	5%		+	101	_
MT	В	Carex lessoniana	Cutty grass	1.0 Ttre	10%	+	+	201	
MΥ	В	Copros ma rhamnoides		10∵tre	5%		+	101	-
MT	В	Cordyline australis	Ti kouka	1.0 ∵tre	10%	+	$\perp \perp \downarrow$	201	_
MT	В	Kunzea ericoides	Kanuka	1.0 ∵tre	30%	1	\perp	604	_
MT	В	Melicytus ramiflorus	Mahoe	1.0 "tre	10%		+	201	_
	В	Myrsine australis	Mapou, Matipo	1.0 Ttre	15%		+		_
MT									
MT MT	8 B	Pittosporum tenuifo ium Podocarpus totara	Kohunu Totara	1.0 ∵tre Pb18	15% 40%	enrich	1 1		No No

MASSED PL	ANTING - (GENERAL MIX EXPOSED TO NORTHERLY, MA	HOE RICH					
MP	С	Aristote ia serrata	Makomako	1.0 litre	5%		1270	
MP	С	Carpodetus serratus	Putaputaweta	1.0 litre	5%		1266	_
MP	C	Coprosma propingua	Mingim'ngi	1.0 litre	5%		1266	
MP	С	Coprosma ropusta	Karamu	1.0 litre	10%		2532	_
MP	С	Cordyline australis	Ti kouka	1.0 litre	5%		1266	
MP	С	Griselinia ucida	Puka, Broad eaf	1.0 litre	2%		506	
MP	С	Hebe stricta	Koromiko	1.0 litre	8%	front	2026	_
MP	С	Kunzea ericoides	Kanuka	1.0 litre	12%		3039	_
MP	C.	Melicytus ramiflorus	Mahoe	1.0 litre	20%		5065	_
MP	С	Melicope ternata	Wharang	1.0 litre	3%		760	
MP	С	Macropi per excelsum	Kawakawa	1.0 litre	5%		1266	+
MP	c	Myoporum laetum	Ngaio	1.0 litre	3%		760	
MP	c.	Myrsine australis	Mapou, Matipo	1.0 litre	4%		1013	
MP	С	Pittosporum tenuifolium	Kohuhu	1.0 litre	8%		2026	
MP	С	Pseudopanax arboreus	Whauwhaupaku, Fivefinger	1.0 litre	2%		506	
MP	С	Sophora microphylla	Kowhai	1.0 litre	3%	<u> </u>	760	No
RIPARIAN F			1					
RP	D	Alectryon excelsus	Titaki	1.0 litre	5%	 	2816	_
RP	D	Coprosma robusta	Karamu	1.0 litre	35%		19710	
RP	D	Austroderia fulvida	syn Cortaderia, toetoe	0.5 litre	10%	<u> </u>	5631	_
RP	D	Dysoxylum spectabile	Kohekohe	1.0 litre	5%		2816	+
RP	D	Hedycarya arborea	Porokawniri, Pigeonwood	1.0 litre	5%	 	2816	_
RP	D	Leptosper mum scoparium	Manuka	1.0 litre	20%		11263	_
RP	D	Melicope ternata	Wharang	1.0 litre	10%	├	5631	_
RP	D	Phormium tenax	Harakeke, Fax	0.5 litre	10%	 	5631	No
		SLOPING BANK AND HUMMOCKS TO PERM	· · · · · · · · · · · · · · · · · · ·					<u> </u>
WP	D	Carex secta	Pukio, Purei	0.5 litre	50%	waters edge	10773	+
WP	D	Cordyline australis	Ti kouka	1.0 litre	5%		1077	_
WP	D	Cyperus ustu atus	Toetoe upokotangata, Giant umbrel a sedge	0.5 litre	15%	waters edge	3232	No
WP	D	Dacrycarpus dacrydioides	Kahikatea		2%		431	No
WP	D	Laurelia novae-zealandiae	Pukatea		3%		646	No
WP	D	Leptospermum scoparium	Manuka		15%		3232	No
₩P	D	Phormium tenax	Harakeke, Flax	0.5 litre	10%		2155	No
WETLAND	PLANTING	EMERGENT 0.0 TO 0.3M WATER DEPTH						
WP	F	Carex secta	Pukio, Purei	0.5 litre	10%		1677	No
WP	F	Carex virgata	Swamp sedge	0.5 litre	25%		4192	No
WP	F	Cyperus usturatus	Toetoe upokotangata, Giant umbrel a sedge	0.5 litre	25%		4192	No
WP	F	Machaerina rubiginosa (syn Baumea)		0.5 litre	15%		2515	No
WP	F	Machaerina teretifolia (syn Baumea)	Common twig rush, pakini sedge	0.5 litre	15%		2515	No
WP	F	Phormium tenax	Harakeke, Flax	0.5 litre	10%		1677	No
WETLAND	PLANTING	0.3 TO 0.6M WATER DEPTH						
WP	G	Bolboschoenus fluviatilis	Kukurano, Marsh club rush	0.5 litre	30%		15984	No
₩P	G	Carex secta	Pukio, Purei	0.5 litre	10%		5234	No
WP	G	Eleocharis acuta	Sharp so ked sedge	0.5 litre	25%		13086	No
WP	G	Juncus edgariae (syn J gregifolius)	Wiwi	0.5 litre	35%		18320	No
		0.6M TO 1.0M WATER DEPTH						
WP	Н	Typha orientalis	Raupo	Cmited use	20%		2337	_
WP	Н	Machaerina articulata (syn Baumea)	Jointed baumea or twig rush		80%		9350	No
MASSED SV								
M5		Apodasmia similis	Oioi	0.5 litre	100%	no mu ch	3845	No
		TING - WITH WOODY PLANTS AT TOP EDGE		Ļ				
MS	В	Apodasmia similis	Oioi	0.5 litre	50%	pase and ower sides	4628	No
MS	В	Cordyline australis	Ti kouka	1.0 litre	10%	top slope and outer edges	521	No
MS	В	Leptosper mum scoparium	Manuka	1.0 litre	25%	top slope and outer edges	1302	No
MS	В	Phormium tenax	Harakeke, Flax	0.5 litre	15%	top slope and outer edges	781	No
			1				-	1
GRASS						,		<u> </u>
GRASS GL	A	Grass low grow mix	sown, close mow to 100mm	sow			1515	m²

							lſ	Original	Des
							Н	Scale (A1) NTS	Dra
							Н	Reduced	Dsg
1	FOR CONSTRUCTION	MP	GFB	DH	DGS	15.12.14	П	Scale (A3)	Dwg
No.	Revision	Ву	Chk	Chk.V	Appd	Date	Н	NTS	* Re





SH1 MACKAYS TO PEKA PEKA EXPRESSWAY RP 1012/0.00 TO 1023/5.00

RAUMATI TO WHAREMAUKU	
PLANTING SCHEDULE	

FOR CONSTRUCTION

M2PP-35R-D-DWG-8211