





RIPARIAN PLANT MIXES											
					J.						
Lower Stream					Total m <sup>2</sup>	Area 1	Area 2				
Botanical Name	Common Name	Size	Spacings (m)	Mix (%)	Total	744.85	421.52	323.33			
Bolboschoenus fluviatilis <sup>1</sup>	Kukuraho	2L	500mm	10.0	298		172	132			
Cyperus ustualtus	Giant umbrella sedge	2L	600mm	65.0	1,356		783	600			
Juncus kraussii 1	Spreading sw amp sedge	2L	500mm	25.0	760		430	330			
TOTAL				100.0	2,413						
Stream banks					Total m <sup>2</sup>	Area 1	Area 2				
Botanical Name	Common Name	Size	Spacings (m)	Mix (%)	Total	1150.19	657.08	493.11			
Astelia solandri <sup>2</sup>	Kokaha	2L	1000mm	10.0	115		67	50			
Cortederia fulvida	Toetoe	2L	1000mm	30.0	345		201	151			
Phormium cookianum subsp. hookeri <sup>2</sup>	Wharariki	2L	1000mm	10.0	115		67	50			
Phormium tenax	Harakeke	2L	1200mm	50.0	403		235	176			
TOTAL				100.0	978						
	•										
	Stream Margin	Α				Total m <sup>2</sup>	Area 1	Area 2			
Botanical Name	Common Name	Size	Spacings (m)	Mix (%)	Total	127.42	61.81	65.62			
Bolboschoenus fluviatilis	Kukuraho	2L	500mm	30.0	153		76	80			
Carex lessoniana	Spreading sw amp sedge	2L	600mm	70.0	250		124	131			
TOTAL				100.0	403						
Stream Margin B						Total m 2	Area 1	Area 2	Area 3		
Botanical Name	Common Name	Size	Spacings (m)	Mix (%)	Total	1362.46	512.47	259.35	590.63		
Cyperus ustualtus	Giant umbrella sedge	2L	600mm	25.0	954		366	185	422		
Carex lessoniana	Spreading sw amp sedge	2L	600mm	40.0	1,526		585	296	675		
Carex virgata	Small sw amp sedge	2L	600mm	35.0	1,335		512	259	590		
TOTAL				100.0	3,815						
Lower Stream Shrubland <sup>3</sup>				Total m <sup>2</sup>	Area 1	Area 2	Area 3	Area 4	Area 5		
Botanical Name	Common Name	Size	Spacings (m)	Mix (%)	Total	1118.28	366.16	288.42	253.35	170.87	39.48
Astelia solandri <sup>2</sup>	Kokaha	2L	1000mm	5.0	56		19	15	13	9	2
Coprosma lucida	Karamu	2L	1200mm	20.0	157		52	41	36	24	6
Coprosma propinqua	Mingimingi	2L	1200mm	10.0	78		26	21	18	12	3
Cordyline australis	Ti Kouka	2L	1000mm	15.0	168		56	44	39	26	6
Phormium tenax	Harakeke	2L	1200mm	20.0	157		52	41	36	24	6
Phormium cookianum subsp. hookeri²	Wharariki	2L	1000mm	5.0	56		19	15	13	9	2
Pseudopanax lessonii	Houpara	2L	1200mm	25.0	196		65	51	45	31	7
TOTAL				100.0	867						

		Total m <sup>2</sup>	Area 1	Area 2	Area 3				
Botanical Name	Common Name	Size	Spacings (m)	Mix (%)	Total	1719.62	599.71	895.66	224.25
Coprosma robusta	Karamu	2L	1200mm	10.0	123		43	64	1
Cordyline australis <sup>4</sup>	Ti Kouka	2L	1000mm	10.0	175		61	91	2
Geniostoma rupestre	Hangehange	2L	1200mm	10.0	123		43	64	1
loheria populnea	Houhere	2L	1200mm	5.0	61		21	32	
unzea ericoides	Kanuka	2L	1200mm	30.0	368		128	192	4
felicytus ramiflorus	Mahoe	2L	1200mm	15.0	184		64	96	2
Pittosporum crassifolium	Karo	2L	1200mm	15.0	184		64	96	2
ophora microphylla	Kow hai	2L	1500mm	5.0	39		14	21	
TOTAL		<del> </del>		100.0	1,259				
					1,200				
	Treefern Shrub	land				Total m <sup>2</sup>	Area 1		
Botanical Name	Common Name	Size	Spacings (m)	Mix (%)	Total	296.74	296.74		
stelia solandri <sup>2</sup>	Kokaha	2L	1000mm	7.5	23		23		
ordyline australis	Ti Kouka	5L	1000mm	10.0	30		30		
Syathea dealbata	Ponga	10L	1000mm	5.0	15		15		
icksonia squarrosa	Wheki	10L	1000mm	5.0	15		15		
Geniostoma rupestre	Hangehange	2L	1200mm	20.0	42		42		
Diearia solandri	Coastal shrub daisy	2L	1200mm	5.0	11		11		
hormium tenax	Harakeke	2L	1200mm	25.0	53		53		
Phormium cookianum subsp. Hookeri2	Wharariki	2L		7.5	23		23		
Phabdothamnus solandri	Taurepo		1000mm		11		11		
Phopalostylis sapida	Nikau	2L	1200mm	5.0	21		21		
<u> </u>	INIKAU	10L	1200mm	10.0			21		
TOTAL				100.0	244				
I local									
Botanical Name	ream Specimen Trees  Common Name	Size	Spacings	No					
			(m)						
Cordyline australis	Ti Kouka	5L	1.00	20					
Cornycarpus laevigatus	Karaka	10L	3.00	14					
acrycarpus dacrydioides	Kahikatea	10L	3.00	30					
Podocarpus totara	Totara	10L	4.00	10					
Pouteria costata	Taw apou	10L	4.00	5					
Phopalostylis sapida	Nikau	10L	1.50	8					
litex lucens	Puriri	10L	4.00	14					
TOTAL				101					
GR		Area 1							
						682.09			
FOOTNOTES:									
	n stream margins								
Plant kokaha and wharariki adjacent		re and	alatforme						
		ice, and p	JIAUUI MS						
	111								
Plant shrubs in groups of 5 minimu									
Plant snrups in groups of 5 minimu Plant cordyline in the vicinity of spe Grass areas to comply with 'Grass	cimen trees								
FOOTNOTES: Plant kukurahu and J. krausii within									



Boffa Miskell Limited Level 3, IBM Centre, 82 Wyndham Street PO Box 91250, Auckland, New Zealand Tel: 64-9-358-2526 Fax: 64-9-359-5300 www.boffamiskell.co.nz

B 04.03.13 WEST PLANTING AREA REDUCED TO TOP OF 1ST BENCH A 22.02.13 PLANT SPECIES AMENDED

CLIENT Stream 1B CONSULTANTS

PLANTING SCHEDULE

Design MLe Drawn HDo Check MLe Appv'd Date 04.03.13

DRAWING NO.

A11304\_504

A11304\_504\_REV\_B.dgn

(B)