

OMARORO RESERVOIR - PRINCE OF WALES PARK

LANDSCAPE ARCHITECTURE DRAWING SET - W16117E_100 REVISIONS FOR IFC - ISSUE FOR CONSTRUCTION

CLIENT: BECA

85 Molesworth Street Thorndon Wellington 6011





PO BOX 11 340 | LEVEL 4 | 1 POST OFFICE SQUARE | WELLINGTON 6142 | NEW ZEALAND www.boffamiskell.co.nz

		IFC - SHEET LIST	1
$\overline{\Lambda}$	Sheet Number	Sheet Title	
>	W16117E_100	Cover Sheet	
>	W16117E_110	Tree Removal and Protection Plan	
> >	W16117E_131	Plant Schedules Sheet 1	
> >	W16117E_132	Plant Schedules Sheet 2	
> \	W16117E_200	Masterplan	
>	W16117E_201	Enlarged GA Sheet 1	
> >	W16117E_202	Enlarged GA Sheet 2	
> >	W16117E_203	Enlarged GA Sheet 3	
> > ~	W16117E_204	Enlarged GA Sheet 4	
} {	W16117E_205	Enlarged GA Sheet 5	
5 {	W16117E_210	Walkway Network Plan	À
\rightarrow \sim	W16117E_220	Fencing Plan	
> >	W16117E_410	Hard Details	
<u>}</u>	W16117E_500	Planting Plan Overview	
\sim	W16117E_501	Planting Sheet 1	
>	W16117E_502	Planting Sheet 2	
> >	W16117E_503	Planting Sheet 3	
$\langle $	W16117E_504	Planting Sheet 4	λ
\sim	W16117E_510	Planting Details Sheet 1	
, ,	W16117E_511	Planting Details Sheet 2	
\mathcal{S}	W16117E_512	Planting Details Sheet 3	À
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No.	Revision	By	Chk	Appd	Date		Boffa Miskell	NA	* Refer to Rev	vision 1 for Original	Signature		-			PRINCE OF WALES RESERVOIR
1	ISSUE FOR CONSTRUCTION	SD	SD	SD	30.11.20	L	<i>E</i>	Scale (A3)	Dwg Check	S.DUNN	30.11.20			Water		PRINCE OF WALES RESERVOIR
						<i>f</i>	#	Reduced	Dsg Verifier	B.EVANS	30.11.20		VA L			OMARORO
						1		Scale (A1) NA	Drawn	EVE.M	30.11.20			Wellingto	0	
						Drawing Originator:	A	Original	Design	S.DUNN	30.11.20	Client:	• •	 		Project:

REVISION

1 ISSUE DATE 30.11.2020

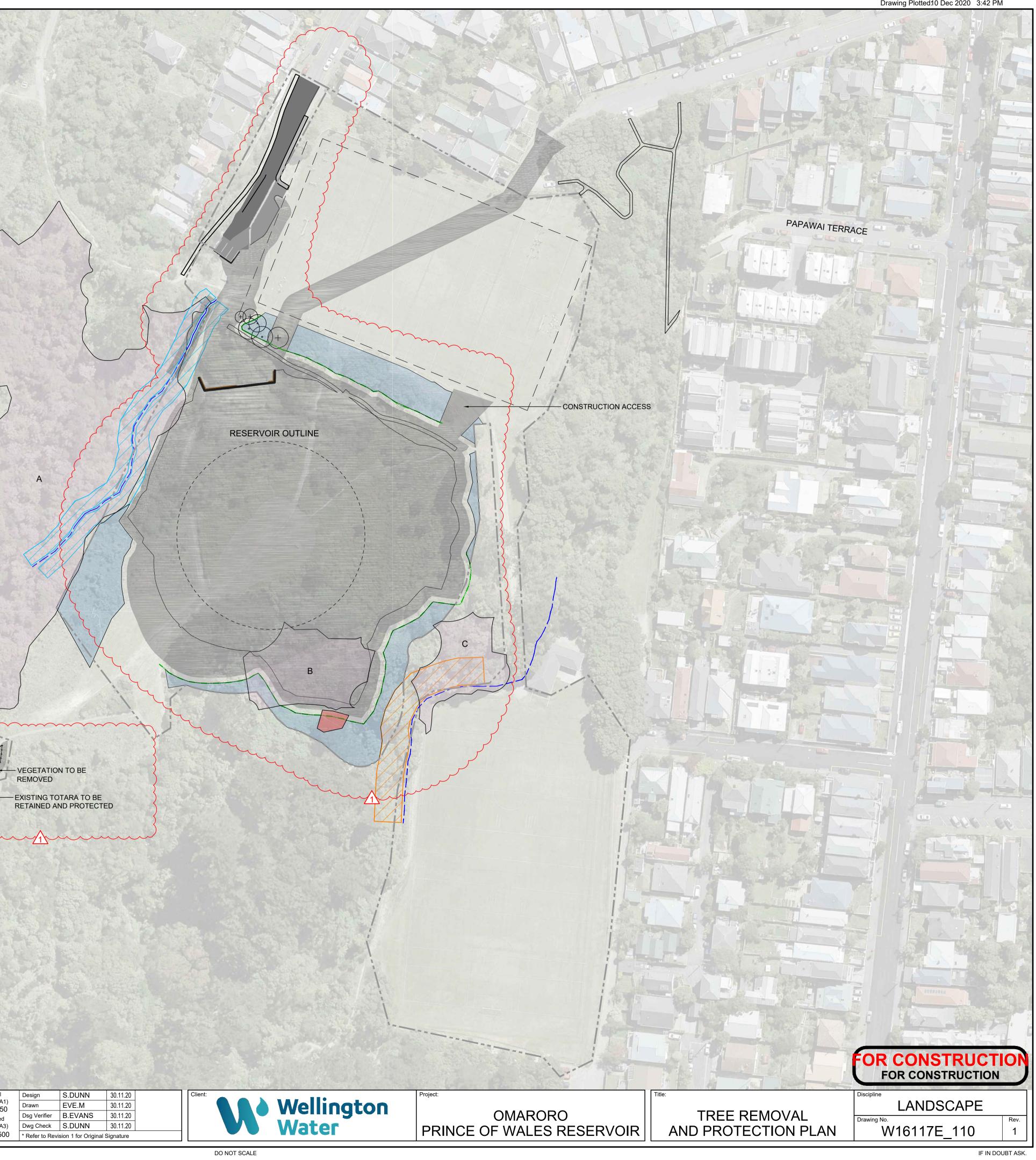
CONSULTANTS

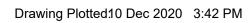
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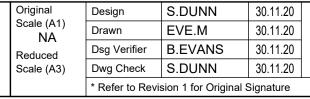
COVER SHEET

ΝΟΤΙ	ES		States -			
	Vegetation removal. Vegetation to be chipped and removed off site.					
	Fallen Pine tree to be cleared and removed offsite. Check exact location onsite.					
	Vegetation to be retained					
A	Seral Forests A-C - To be retained outside of 2nd stage vegetation removal boundary. Refer to Landscape Technical Specification Section: Site Preparation, for full details on vegetation clearance and vegetation to be retained.					
	Buffer area - Papawai Stream					
	Buffer area - Waitangi Stream Tributary		Net R			/
	Construction boundary					
	Reservoir outline		Ser.			
	Limb identification zone for protection or removal in consultation with arborist					
+	Tree chipped and removed offsite		a second			_
PROJECT NORTH				ing Originator:		Origin
						Scale 1: Redu
1 ISSI	UE FOR CONSTRUCTION Revision	SD S By Cl		Boffa	Miskell	Scal



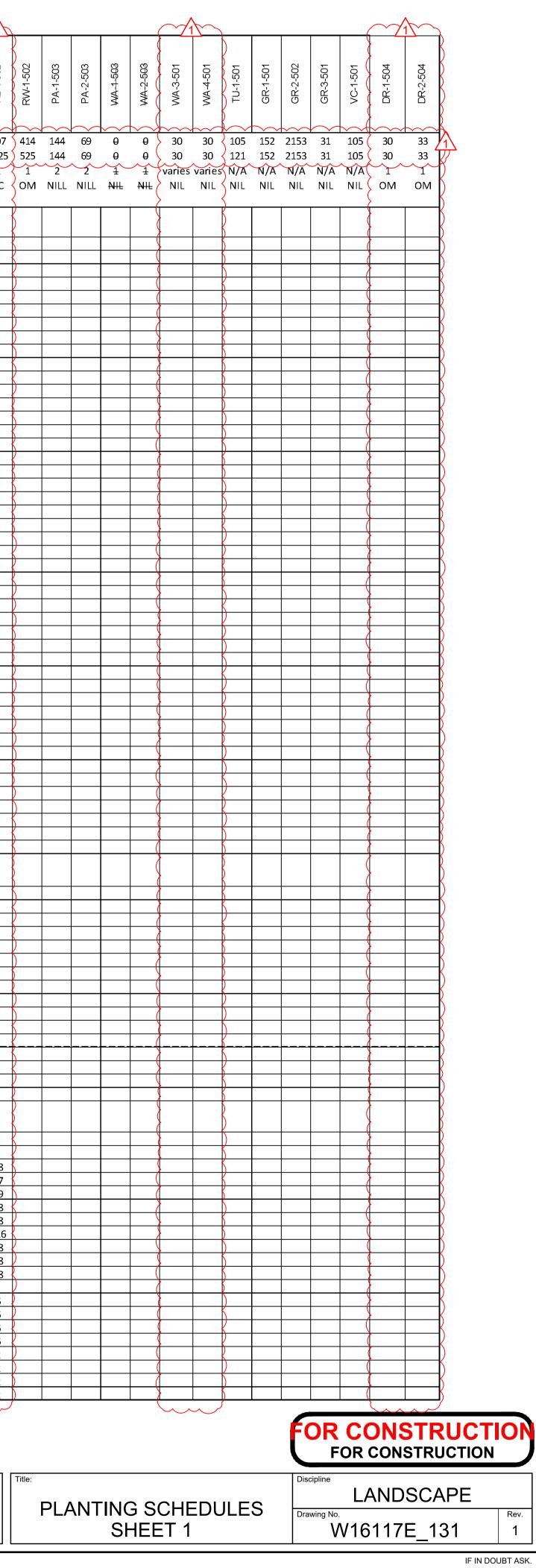


OMARORO PLANT SCHEDULE						NCE													B				
							-1-501	MP-3-501	MP-4-501 MP-5-502	MP-6-502	TW-1-501 TW-2-501	RR-1-502	RR-2-502	NL-1-501 NL-2-501	NL-3-501	4-501	NL-5-501	NL-6-501	NL-7-501	LP-2-502	-1-302	RU-3-502	
						AN REF	MP-2	MP.	MP.	MP.		RR.	ЧЧ		NL-	NL-				LP-2-		RU	
						AREA	4 65	42	50 186	76	12 4	1971	457	209 94	4 192	34	116	183 1	126 803	517 18	85 125	0 28	4
	MIX = 1m cr	s massed	planting	enrichment	AREA ADJUSTED 5m crs, plant centre	FOR SLOPE			51 186														
		5 1105500			M = organic mulch, B	-	MO MO	OM	OM OM	ом		M OM	ом	BC BC	C BC	BC	BC	BC E	BC BC	BC B	C BC	BC	
Botanical Name	Common Name	Grade	Spacing	g % MIX	Notes											(Γ
Specimen trees Eucalyptus leucoxylon 'Rosea'	Red flowering gum	PB8	As show	n	10no																		F
Metrosideros excelsa Access road between fields road bank stabilisation	Pohutukawa	PB18	As show	n	5no														Ì				F
Phormium cookianum Grass - Low	Mountain flax	1L	1m	100%						93						(F
TBC species MP- Stilling well				100%												(F
Austroderia fulvida	Toetoe Mingimingi	1L 1L	1m 1m	40%			27									(-				ŧ
Coprosma propinqua Phormium cookianum MD. Dina tumpal antuman planting	Mountain flax	1L	1m 1m	30%			20	_								(t
MP- Pipe tunnel entrance planting Coprosma propinqua	Mingimingi	1L	1m	30%				13	15 56										K				╞
Muehlenbeckia axillaris Phormium cookianum	Pohuehue Mountain flax	1L 1L	1m 1m	30% 20%				9	15 56 10 37														╞
Poa cita MP- Upper field northern edge planting	Silver tussock	1 L/RT	0.6m	20%				25	28 103														╞
Cordyline australis Veronica stricta (syn Hebe)	Ti kouka Koromiko	1L 1L	1m 1m	5% 30%			0									(8				f
Phormium cookianum Poa anceps	Mountain flax Meadow grass	1L 1L	1m 1m 1m	40%			2										<u>}</u> ⊢						F
TW- Pipe tunnel wall planting Metrosideros perforata	White rata vine	1L	0.5								32 10								R				ŧ
Muehlenbeckia astonii Muehlenbeckia complexa	Shrubby tororaro Pohuehue	1L 1L	2m 1m	30%							$\frac{32}{4}$ 1 16 5								¥				ŧ
Muehlenbeckia axillaris	Creeping wire vine	1L 1L	0.6m	30% 40%							10 3	,										<u> </u>	+
Poa cita RR- Native reservoir roof planting Chianach lan haddiai	Silver tussock		0.6m							<u>+</u>													╞
Chionachloa beddiei Coprosma acerosa Melicytus crassifolius	Cook strait tussock Sand coprosma	1L 1.5 L	1m 1m	15% 15%								296)		(╞
Muehlenbeckia complexa	Thick-leaved Mahoe Pohuehue	1.5 L 1 L	1m	30% 15%								296	137 69			(╞
Phormium cookianum Poa anceps	Mountain flax Meadow grass	1L 1L	1m 0.6	15% 10%									69 127										+
NL- Native Low Planting Coprosma propingua	Mingimingi	1L	1m	15%										35 16	3 33	6 (20	31 2	21				╀
Nuehlenbeckia complexa Olearia solandri	Pohuehue Coastal shrub daisy	1L 1L	1m 1m	15% 15%										35 16 35 16 35 16	3 33 3 33	6	20		21				Ŧ
Phormium cookianum Poa anceps	Mountain flax Meadow grass	1L 1L	1m 0.6m	40% 15%										94 43 98 45	6 87	15	52	83 5					ŧ
LP- Manuka planting - Revegetation Planting			1m	65%										98 45	4 90	10		51 2)	426			╞
Leptospermum scoparium Kunzea robusta	Manuka Kanuka		1m	10%															93				ļ
Olearia solandri Myrsine australis	Coastal tree daisy Red matipo	1L 1L	1m 1m	10%															93 93	66 66 33			╞
Olearia paniculata RU- Native Revegetation - East and South of Reservoir - Dry Upper Slopes -	Akiraho	1.5	1m	5%		$ \longrightarrow $		\sim	\sim	\leftarrow			\sim	\rightarrow					46	33			ł
predominantly constructed batter slopes Key seral trees (ngaio, weeping kowhai, akiraho) key bulking plants (karamu, manuka																(╞
Year 1 Establish Austroderia fulvida	Toetoe	1L	1m	10%								_				(1 14:	1 2	ļ
Brachyglottis repanda	Rangiora Karamu	1L 1L	1m 1m 1m	10% 10% 15%												(2	1 14 1 14 1 212	1 3	ŧ
Coprosma robusta Melicytus ramiflorus eptospermum scoparium	Mahoe	1L	1m	10%																2	1 14:	1 3	ļ
Olearia paniculata	Manuka Akiraho	1L 1.5L	1m 1m	20% 5%												(1	- / -	. 2	+
Myoporum laetum Coprosma grandifolia	Ngaio Kanono	1.5 L 1.5 L	1m 1m	10%																	<u>1 14:</u> 1 14:		╞
Year 3 or 4 Enrichment (5m centres) Dysoxylum spectabile	Kohekohe	<u>5L</u>	<u>5m_</u>	20%				+												+	22	2_	╞
Elaeocarpus dentatus Knightia excelsa	Hinau Rewarewa	5 L 5 L	5m 5m	20% 20%																	2 <u>2</u> 222	2	╞
Metrosideros robusta Pennantia corymbosa	Northern rata Kaikomako	5 L 5 L	5m 1m	20% 20%																	2 2	2	┦
RL- Native Revegetation - East and South of Reservoir - Lower Slopes, both constructed / reinforced batters slopes & natural soils																			R				ſ
Key seral trees (pigeonwood, lemonwood, fivefinger) Key bulking plants (karamu, kar Year 1 Establish	uuka)																						†
Carpodetus serratus	Putaputaweta	1.5 L	1m	10%												(+
Coprosma robusta Griselinia littoralis	Karamu Broadleaf	1L 1.5L	1m 1m	15% 5%																			╁
Melicytus ramiflorus Hedycarya arborea	Mahoe Pigeonwood) 1L 1.5L	1m 1m	10% 10%												(╁
Kunzea robusta Myoporum laetum	Kanuka Ngaio	1.0 L 1.5 L	1m 1m	20% 10%																			\int
Pittosporum eugenioides Pseudopanax arboreus	Lemonwood Five Finger	1.5 L 1.5 L	1m 1m	10% 10%												(R				f
Year 3 or 4 Enrichment (5m centres) NOT on reinforced ground and geocells Beilschmiedia tawa	Tawa	5L	5 m	20%																			ŧ
Dysoxylum spectabile Elaeocarpus dentatus	Kohekohe Hinau	5L 5L	5m 5m 5m	20% 20% 20%															- K				ŧ
Knightia excelsa	Rewarewa	5 L	5m	20% 20% 5%																			ŧ
Metrosideros robusta Pennantia corymbosa Padagaraus tatara	Northern rata Kaikomako	5L 1.5L	5m 1m	5%															}			<u> </u>	╈
Podocarpus totara Prumnopitys taxifolia	Totara Matai	5 L 5 L	<u>5m</u> 5m	5% 5%												(<u> </u>				$\frac{1}{1}$
																	L.	~~					
																							-
Drawing Or	rinotori			Origir	nal Design	S.DUNN	30.11.20		Clien				Vel Vat				Dr	oject:					-



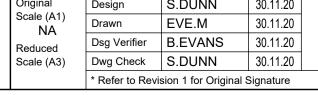






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Attribution 4.0 Int	ernational license			Ш											/		1~~~													<u> </u>						3
				PLAN REFERENCI	MP-1-501	MP-2-501	MP-3-501	MP-4-501 MP-5-502	MP-6-502	TW-1-501 TW-2-501	RR-1-502	RR-2-502	NL-1-501	NL-2-501 NL-3-501	NL-4-501	NL-5-501	NL-7-501	LP-1-502	LP-2-502	RU-1-502 RU-2-502	RU-3-502	RL-1-502	RL-2-502	RL-4-502	RW-1-502	PA-1-503	PA-2-503 WA-1-503	WA-2-503	V/A-3-501	WA-4-501 TU-1-501	1U-1-501 GR-1-501	GR-2-502	GR-3-501 VC-1-501	DR-1-504	DR-2-504	
MIX = 1m crs	s massed planting, enric		EA ADJUSTED F		4			50 186 51 186 1 1	6 76 6 92.8 1	12 4 12 4 1 1	1971 1971	457		944 192 1089 21 1 1	2 34 7 38.4		83 126 07 142 1 1	5 803 2 927	517 656	185 125 209 141 1 1	50 28 13 32.3	678 766 1	260 5 300 5	13 907 80 102 1 1	7 414 5 525	144 144 2	69 θ 69 θ 2 1	θ	30 30 (varies va	30 / 12	21 152	2153 3	31 10)5 30	33	
			ganic mulch, BC			ом т	ом (M OM		м ом	ом	BC	BC BC		BC B	BC BC		BC	BC BC	C BC	BC	BC B	SC BC					NIL						ом Т	}
on Name	Grade Spacing %	6 MIX	Notes					<u> </u>																			<u> </u>		> 		<u> </u>					$\left\{ \right\}$
erry		10%																							53						<u> </u>					Ş
taweta D	1.5L 1m	10% 10% 20%																							53 53 105		<u> </u>	(× 	\rightarrow			<u> </u>	+		$\left\{ \right.$
tuku iko wood	1.5 L 1m 1.5 L 1m	10% 20% 10%																							53 105 53		<u> </u>						<u> </u>	$\overline{\left\{ \begin{array}{c} \\ \end{array} \right\}}$		
nger	1.5 L 1m	10%																$\overline{\boldsymbol{\lambda}}$							53											}
tea a	5 L 5m 5 L 5m	30% 15% 15%																							6 3 3			(۶ ۲							$\left\{ \right\}$
nako		10% 30%																							2				× ×					${}$		Ş
		50% 50%																									9		<u>}</u>	\rightarrow			<u> </u>	$\overline{-}$		$\left\{ \right\}$
erry	1.5 L 2m	20%																								7			>				<u> </u>			Ş
taweta D	1.5 L 2m 1 L 2m	10% 15% 15%																								4 5 5		(, , ,							Ş
tuku wood ger	1.5 L 2m	10% 10% 20%																								4 4 7			× ×							
	5 <u>L</u> 5m	25%																									θ	θ (ł
tea a	5-L 5m - 5-L 5m -	25% 25% 25%																									0 0 0	0 0					_			}
erry	1.5 L 1m	10%																											6	6						<pre>{</pre>
taweta D	1.5L 1m	10% 10% 20%						<u> </u>																			<u> </u>			6 6 12			<u> </u>	+		}
tuku	1.5 L 1m 1.5 L 1m	10%																											6 24	6 12 6						}
wood nger	1.5 L 1m	10%																										(6	6						$\left\{ \right.$
tea a	5 L 5m	35%) 15%) 15%)																											2 1 1	2 1 1	<u> </u>					
		35% 50%																												2						Ş
sedge	1L 0.5	50%																											30							<pre>}</pre>
oprosma nue	1L 1m	20% 25% 25% 700	mm from lid																								<u> </u>				<u> </u>		21	6		}
ain flax iko			mm from lid ser to stream																									(\rightarrow	_		21	>		
trait tussock ain flax	1L 1	K	oath edge path																												<u> </u>			21		Ş
koromiko e		25%						<u> </u>							(<u> </u>				7	
ra atipo	1.5L 1 1.5L 1	10% 2 30% 2																											× ×						3 10	$\left\{ \right\}$
		40%																K							<u> </u>										13	3
U-1-501 for area		10%																	İ																	

OMARORO PLANT SCHEDULE						N REFERENC	MP-1-501	MP-2-501 MP-3-501	MP-4-501 MP-5-502	MP-6-502	TW-1-501 TW-2-501 BD 1 500	RR-2-502	NL-1-501	NL-2-501	NL-4-501 NL-5-501	NL-6-501	NL-7-501	LP-1-502	RU-1-502	RU-2-502 RU-3-502	RL-1-502 RL-2-502	RL-3-502	RL-4-502	PA-1-503	PA-2-503 WA-1-503	WA-2-503	WA-3-501 WA-4-501	TU-1-501 GR-1-501	GR-2-502	VC-1-501	DR-1-504
	MIX =	1m crs masse		hrichment 5m	AREA ADJUSTEI m crs, plant centi	D FOR SLOPE res (metres)	4 6	58.3 44.1 1 1	51 186 1 1	92.8 1		71 457	236 10 1	089 217 1 1	38.4 13: 1 1	1 207 1	142 9 1	27 656 1 1	209 14 1	413 32.3 1 1	766 300 1 1) 580 1	1025 5 1	525 144 1 2	69 θ 2 1	θ 1 (v	30 30 varies var	0 121 152 ies N/A N//	52 2153 /A N/A N	81 105 7A N/A	3
					= organic mulch,	BC = BIOCOIL							BC F		BC BC	BC			BC i	BC BC	BC BC										0
Botanical Name	Common Name	Grad	le Spacing	% MIX	Notes										<u>}</u>		ļ Š						\					<u>}</u>			
RW- Native Revegetation - West Slopes above Waitangi Stream Key seral trees (wineberry, tree fuchsia, five finger) Key bulking plants (karamu, ko	omiko)																														
Year 1 Establish Aristotelia serrata	Wineberry	1.5 l		10%																				53							
Carpodetus serratus Coprosma grandifolia	Putaputaweta Kanono	1.5 l		10% 10%													\mathbb{R}						N	53 53							
Coprosma robusta Fuchsia excorticata	Karamu Kotukutuku	1L	1m	20% 10%																			1	.05 53				}			
Veronica stricta (syn Hebe) Pittosporum eugenioides	Koromiko	1.5 l	. 1m	20%																			1	.05							
Pseudopanax arboreus	Lemonwood Five Finger		<u> </u>	10% 10%													L X							53 53							
Year 3 or 4 Enrichment (2m centres) NOT on reinforced ground and geocells Beilschmiedia tawa	Tawa	5 L	5 m	30%																				6							
Dacrycarpus dacrydioides Laurelia novae-zelandia	Kahikatea Pukatea	5 L 5 L	5m	15% 15%																				3							
Pennantia corymbosa Rhopalostylis sapida	Kaikomako Nikau		. 1m	10%											8									2				<u>}</u>			
PA- Papawai Stream - Riparian planting		<u> </u>		30%																								<u>}</u>			
Playing Field Berm (Infill gaps in current planting) Carex secta	Purei	1.5 l		50%																					9						
Carex virgata Slopes above stream (infill gaps in current scrub with seral tree species)	Pukio	1.5 l	. 1m	50%																					9						
Aristotelia serrata	Wineberry Putaputaweta	1.5 l		20% 10%													}							7							
Carpodetus serratus Coprosma grandifolia	Kanono	1.5 l	_ 2m	15%																				<u> </u>		+ \$					
Coprosma robusta Fuchsia excorticata	Karamu Kotukutuku	1 L 1.5 l	. 2m	15% 10%																				5							
Pittosporum eugenioides Pseudopapax arboreus WA Weitanai Stream Binarian planting	Lemonwood Five Finger	1.5 l	- 2m	10% 20%)	4				2			
WA- Waitangi Stream - Riparian planting Enrichment Planting of current seral vegetation with potential canopy species.																															
Beilschmiedia tawa	Tawa Kabikataa	<u>5-</u>		25%																					0						
Dacrycarpus dacrydioides Laurelia novae-zelandia	Kahikatea Pukatea	5-L 5-L	5m	25% 25%																					0 0	θ					
Rhopalostylis sapida Native revegetation - Waitangi Stream above stormwater extension (GWRC conser	Nikau :)	<u>5</u> L	5m	25%																					θ	0					
Key seral trees (mahoe, wineberry, fivefinger, tree fuchsia) Key bulking plants (karamu, kanono)				{													$\left \right $						}								
Year 1 Establish (double row each side of waterway behind carex) Aristotelia serrata	Wineberry	1.51	. 1m	10%																							6 6				
Carpodetus serratus	Putaputaweta	1.5 l	. 1m	10%																							6 6				
Coprosma grandifolia Coprosma robusta	Kanono Karamu	1.5 L	1m	10% 20%																							12 6 12 1	2			
Fuchsia excorticata Melicytus ramiflorus	Kotukutuku Mahoe	1.5 l		10%																							6 6 24 1	5) 2 2			
Pittosporum eugenioides Pseudopanax arboreus	Lemonwood Five Finger	1.5 l	. 1m	10% 10%													l }										6 6				
Year 3 or 4 Enrichment (1 row each side of waterway amongst seral plants) Beilschmiedia tawa	Tawa																l										2 2				
Dacrycarpus dacrydioides	Kahikatea	5 L		15%																							<u> </u>	-			
Laurelia novae-zelandia Rhopalostylis sapida	Pukatea Nikau	5 L 5 L		15% 35%													$\left \right $										$\frac{1}{2}$ 2	2			
Year 1 Stream Side (1 row each side of waterway) Carex secta	Purei	1L	0.5	50%																							30 30	o K			
Carex virgata VC- Valve chambers (low growing)	Swamp sedge		0.5	50%																							30 30				
Coprosma acerosa	Sand coprosma	1L		20%																										21	
Muehlenbeckia complexa	Pohuehue Mountain flax	1L		25% 35%	700mm from lid																		}							26	
Phormium cookianum 1 Veronica stricta (syn Hebe)	Mountain flax	1L 1-5			Closer to stream																									21	
DR- Dorking Road extended road and wall edge Chionachloa beddiei	Cook Strait tussoc	k 1.5	.6m	25%						$\left \right $							<u>├</u>					+ }						<u> </u>			21
Phormium cookianum	Mountain flax	1L	1	50% N	NOT path edge path	n																									15
Veronica elliptica var crassifolia (syn Hebe) DR- Dorking Road wall edge	Shore koromiko	1.5L		25%																											8
Austroderia fulvida	Toe Toe Rangiora	1L 1.5L	1	20%																										\rightarrow	
Brachyglottis repanda Myrsine australis	Red matipo	1.5L 1.5L		30%																		1									
Phormium cookianum Pipe to upper field planting	Mountain flax			40%													L K					<u>}</u>	<u>}</u>					<u>) </u>			
Within Flex MSE system	Refer TU-1-501 fo	r area		1001											\sim	~~~~	\sim	ļ					\checkmark				\sim			,	$\overline{}$
Agrostis capilaris Lolium perenne	Browntop Perennial Ryegras	SS		10% 60%																											
Festuca rubra	Chewings' Fescue																														
Construction access from upper field to reservoir fooprint - reinstate ramp a grassed surface - rip ground and place topsoil + hydroseed at the																		ļ													
constructors cost. Hydro-seeded lawn (NOTE - Fill slopes to be hydroseeded in addition to the	se																														
refered to below, if not planted immediately after placing topsoil).																															
TBC by hydro-seed specialist Agrostis capilaris	Refer GR-1 and 3- Browntop	501 for areas		10%														į													
Lolium perenne	Perennial Ryegras			60%																											
Festuca rubra Seeded lawn	Chewings' Fescue			30%																											
Low growing grass mix	Refer GR-2-501 fo	r area		150/																											
Agrostis capilaris Lolium perenne	Browntop Perennial Ryegras	SS		15% 60%																											
Trifolium repens	Huia white clover			25%														l											f	OR	C
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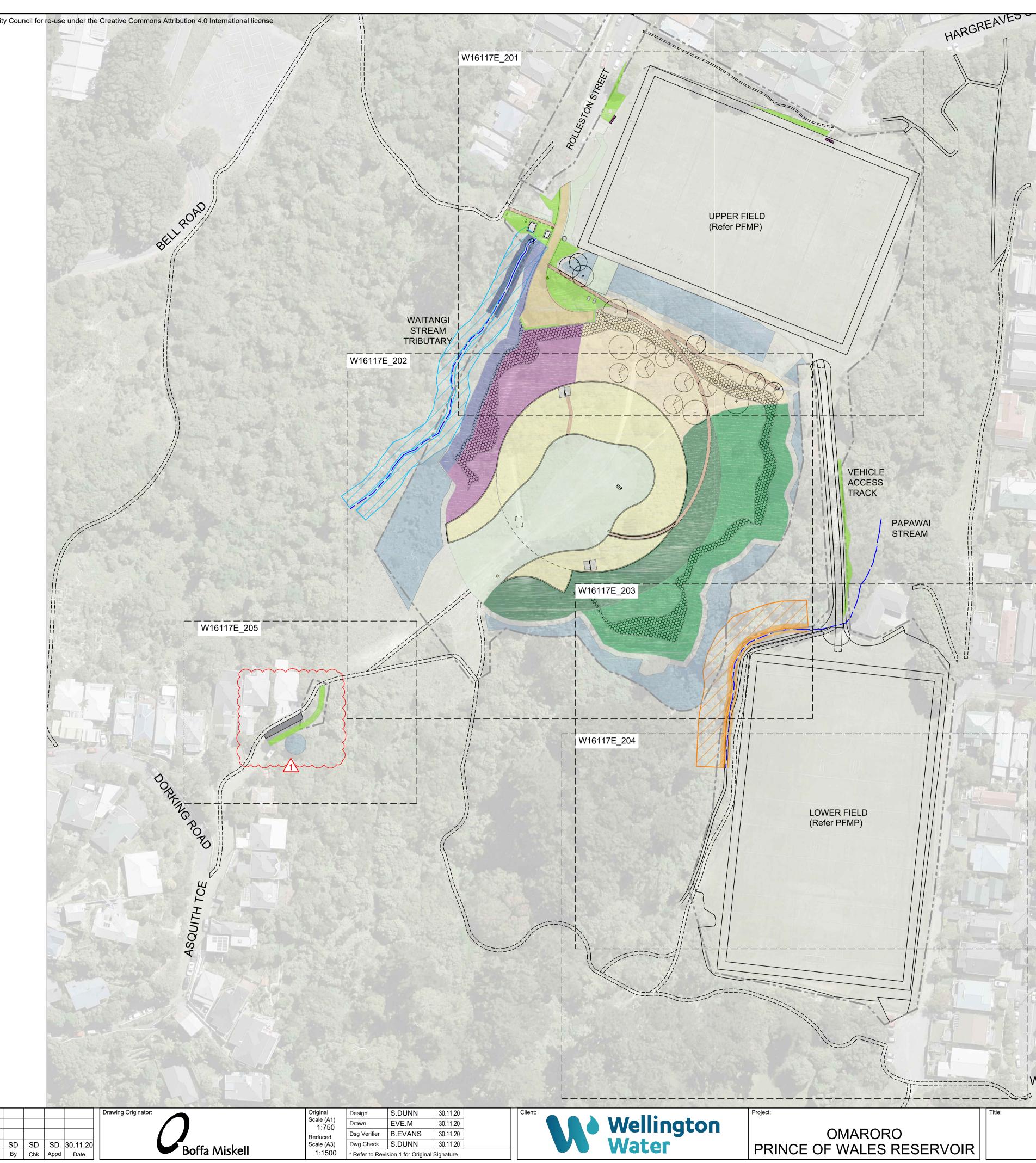


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NOTES	<u>S</u>
\odot	Existing tree retained
+	Metrosideros excelsa
Ø	Eucalyptus leucoxylon 'Rosea'
	Streams
	Buffer area - Papawai Stream
	Buffer area - Waitangi Stream Tributary
	Vegetation to be retained
	Waitangi stream stormwater extention planting
	Papawai stream riparian planting
	Open grassed areas
	Grasscrete
	Native low planting
	Massed planting
	Lower slopes native revegetation planting
	Upper slopes native revegetation planting
	Leptospermum scoparium
	West slope enrichment planting
	Native reservoir roof planting
	Geo-cell reinforcing
	Walkway sign
	General park sign
	 Construction boundary
	Reservoir outline
300000	Walking track - existing, retain and connect into
	Walking track - to tie into existing track; refer to Civil Drawings
\bigcirc	Headwall to Waitangi Stream Tributary (Refer to engineers drawings)

N

1 ISSUE FOR CONSTRUCTION

Revision



DO NOT SCALE

GENERAL

- 1. All drawings to be read in conjunction with the landscape specification.
- Drawings not to be scaled, used dimensioned measurements only. DXF file to be supplied by Landscape Architect and used to setout. Setout to be confirmed with Landscape Architect prior to any uneasily reversible work

SOFT LANDSCAPE

- PAPAI 1. Refer to specification for specific growing medium requirements
 - 2. All trees to be inspected and approved by landscape architect prior to delivery to site
 - 3. Absolute planting numbers are indicative, contractor to ensure sufficient stock to achieve specified planting varieties
 - 4. All planted areas to be mulched in accordance with drawings and specification
 - 5. Refer to specification for planting area preparation requirements

SAILSBURY TERRACE

TARY AL ME

WESTLAND ROAD

MASTERPLAN

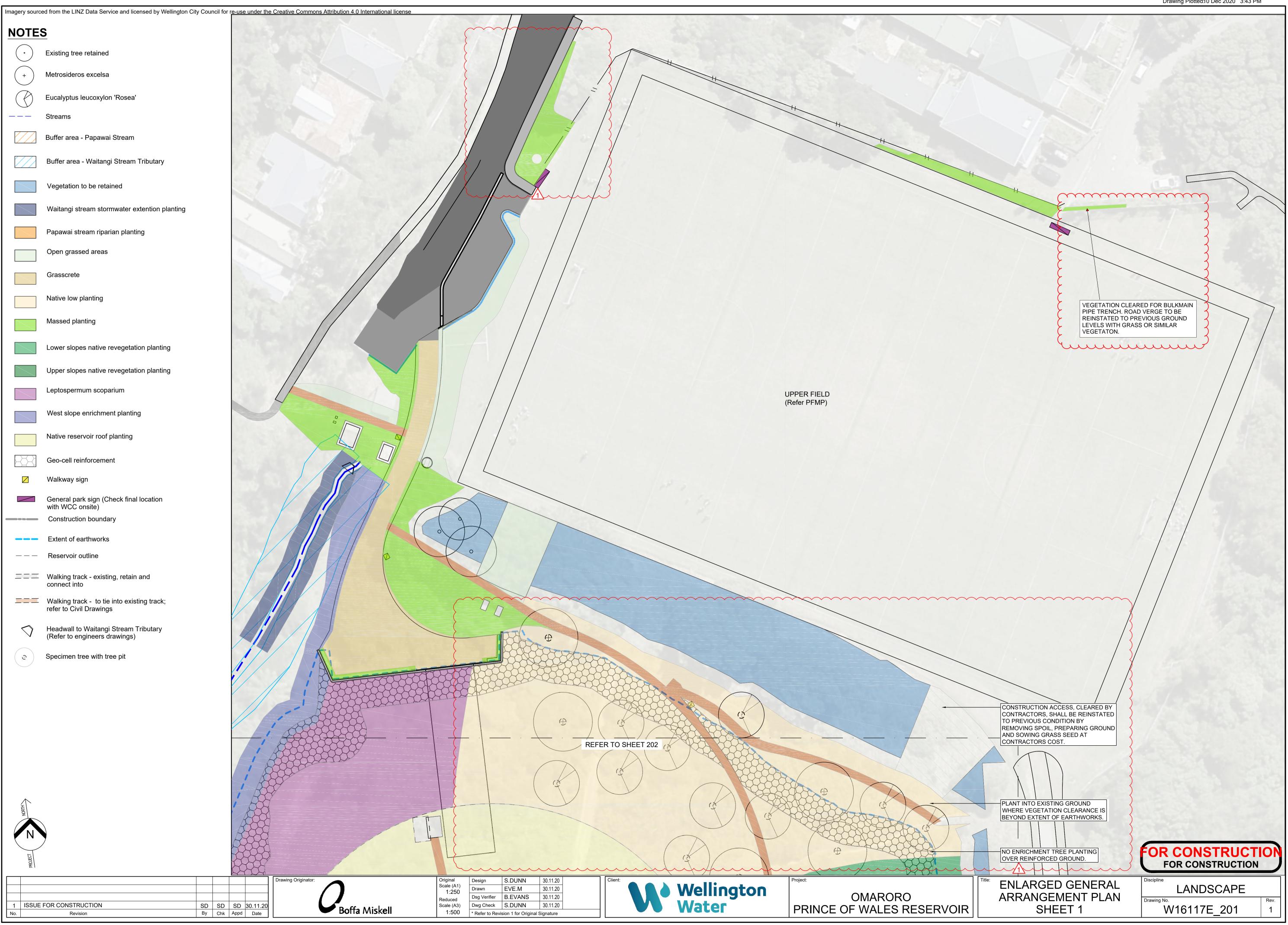
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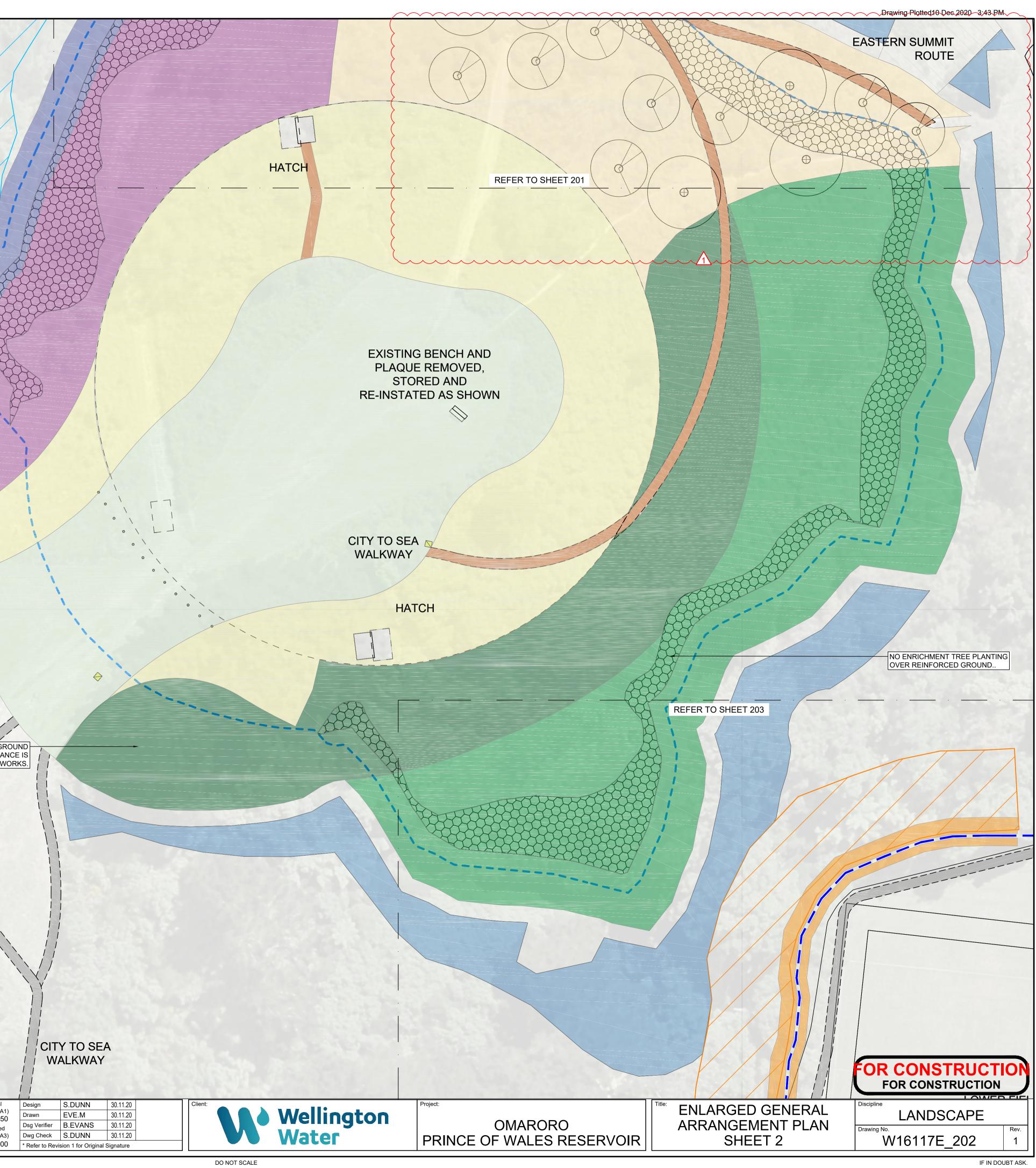
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$\widetilde{\langle}$	Eucalyptus leucoxylon 'Rosea'
	Streams
	Buffer area - Papawai Stream
	Buffer area - Waitangi Stream Tributary
	Vegetation to be retained
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	Papawai stream riparian planting
	Open grassed areas
	Grasscrete
	Native low planting
	Massed planting
	Lower slopes native revegetation planting
	Upper slopes native revegetation planting
	Leptospermum scoparium
	West slope enrichment planting
	Native reservoir roof planting
	Geo-cell reinforcement
	Walkway sign
	General park sign (Check final location with WCC onsite) Construction boundary
	Extent of earthworks
	Reservoir outline
DOE	Walking track - existing, retain and connect into
	Walking track - to tie into existing track; refer to Civil Drawings
\bigcirc	Headwall to Waitangi Stream Tributary (Refer to engineers drawings)
Ð	Specimen tree with tree pit
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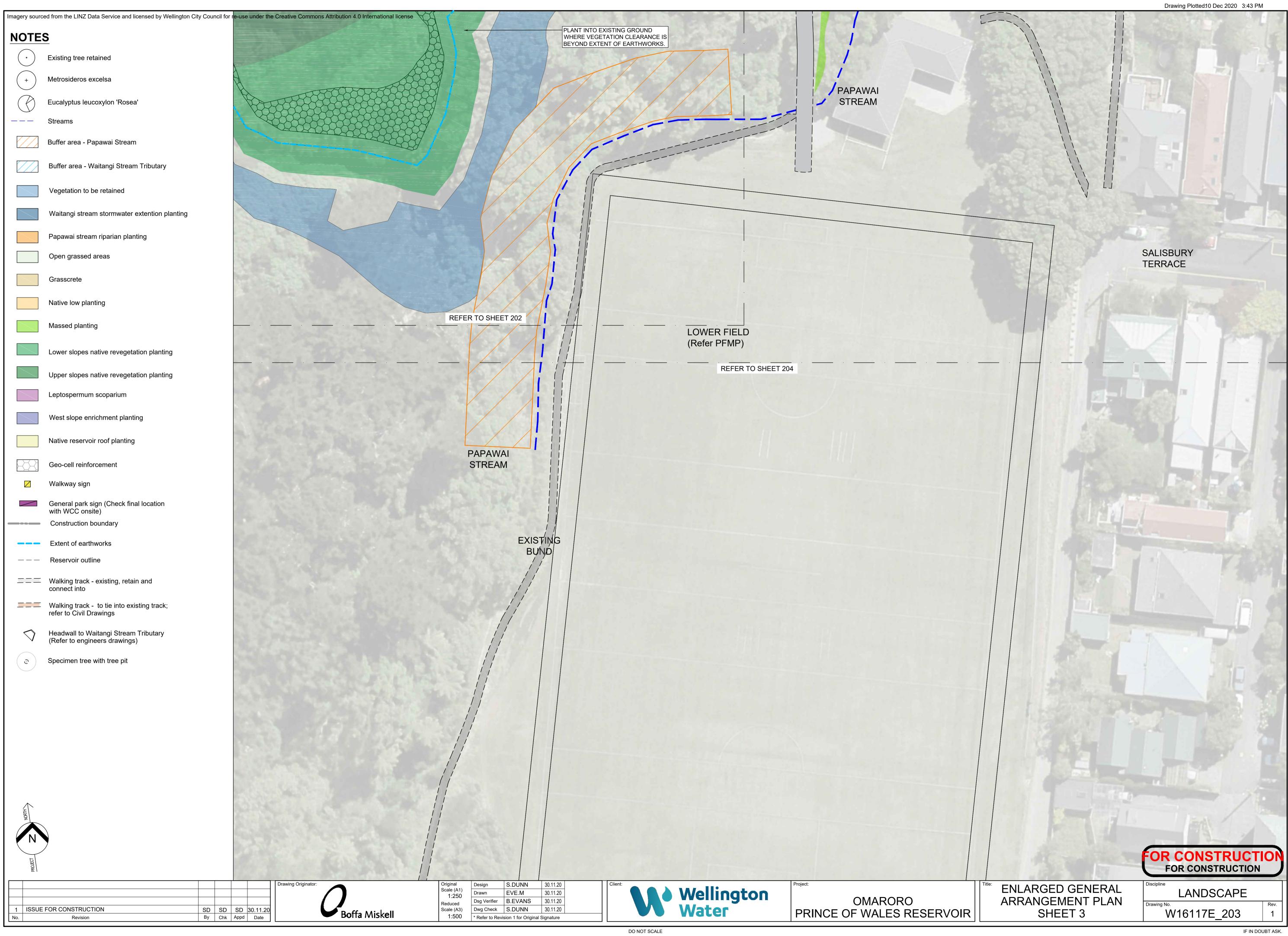


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\bigcirc	Headwall to Waitangi Stream Tributary (Refer to engineers drawings)							
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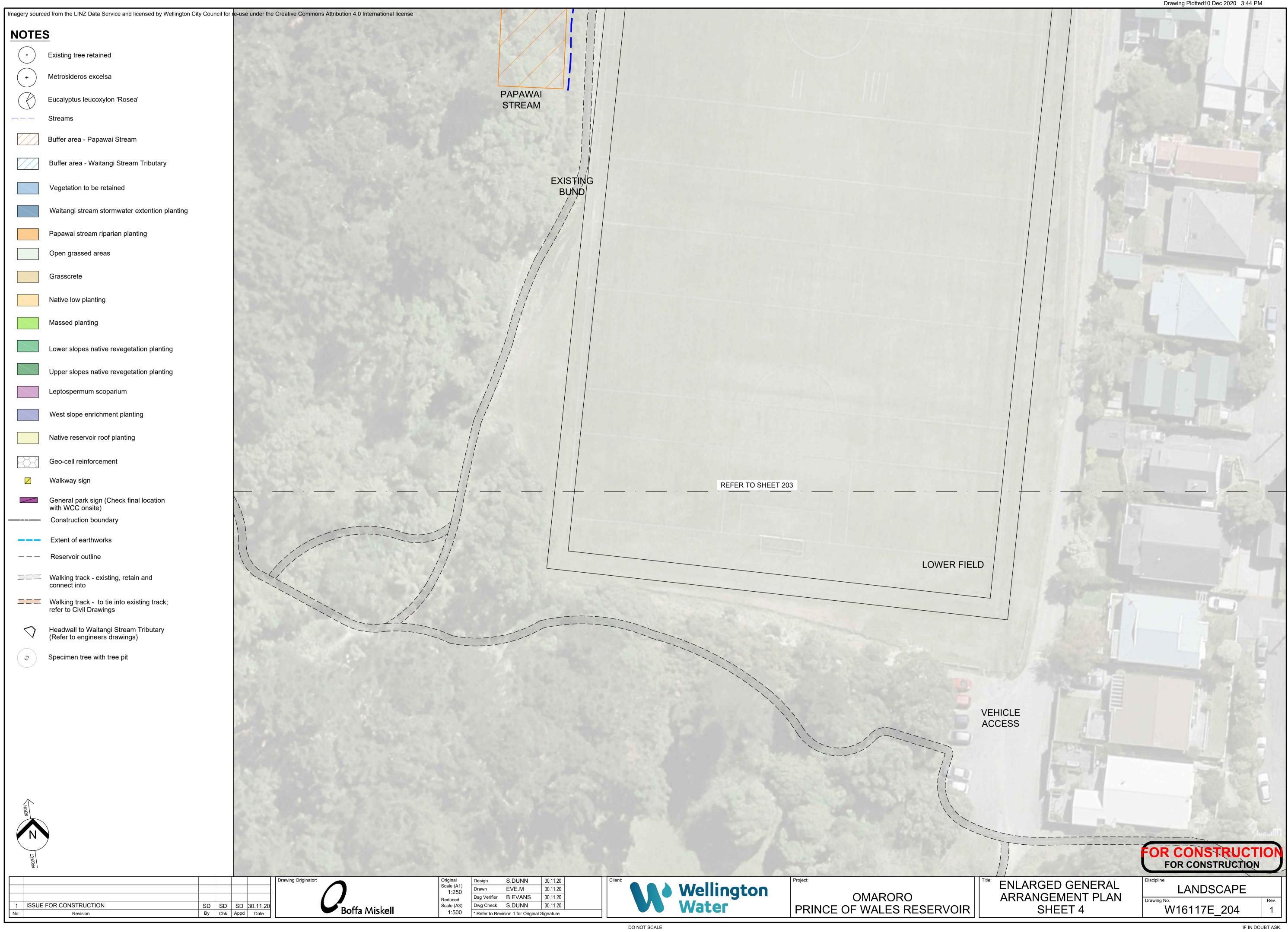
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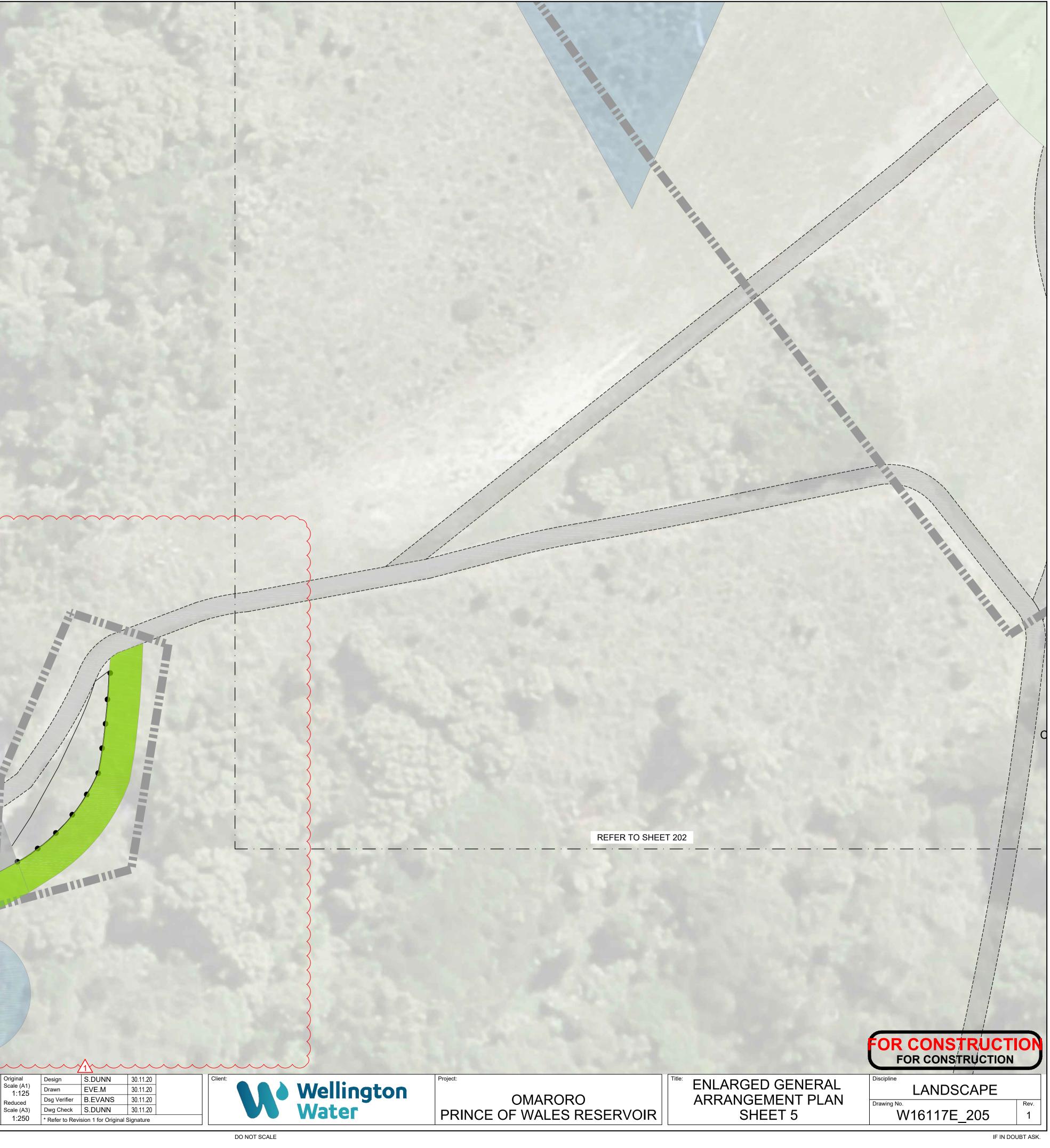


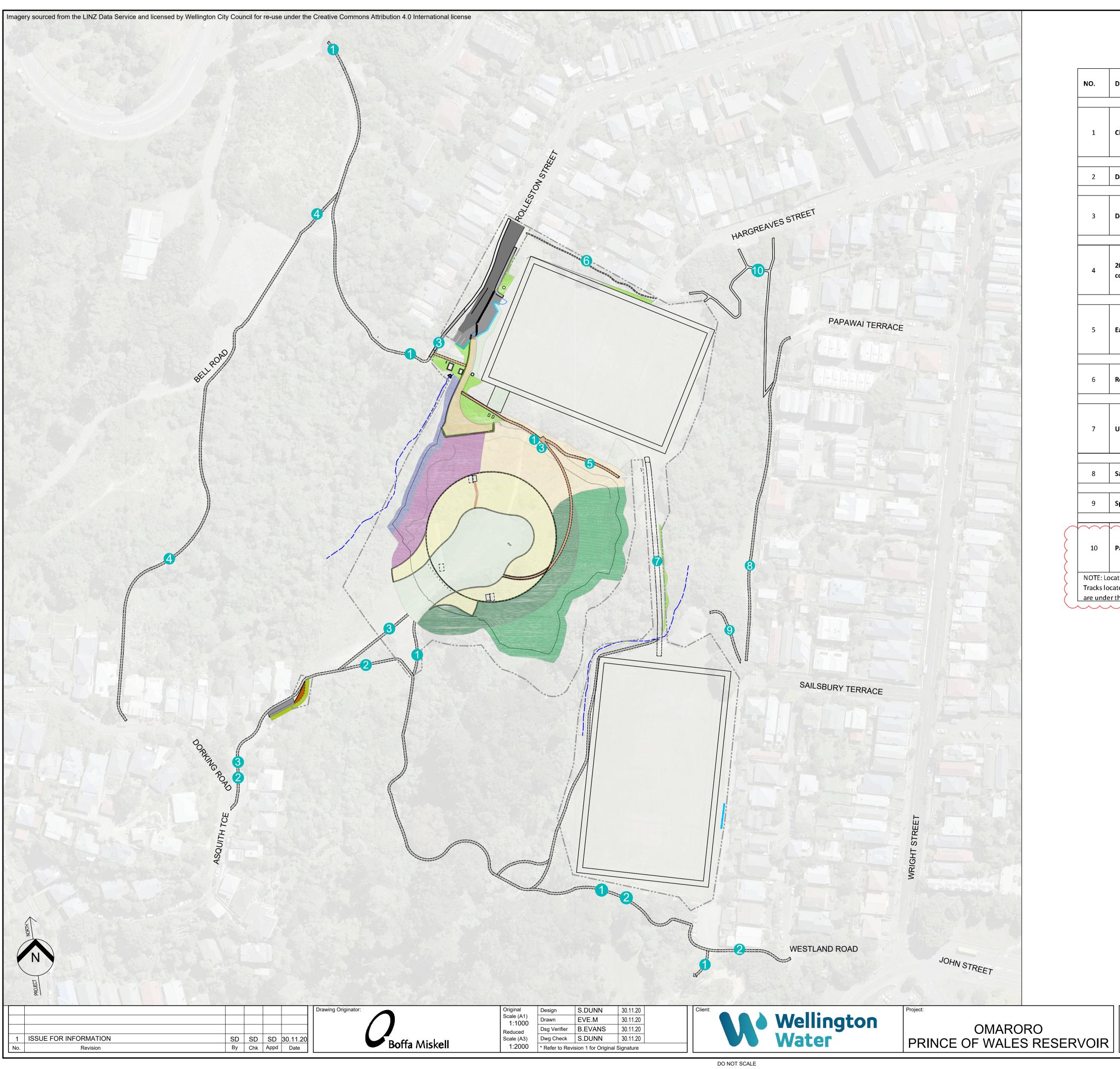
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	Vegetation to be retained		
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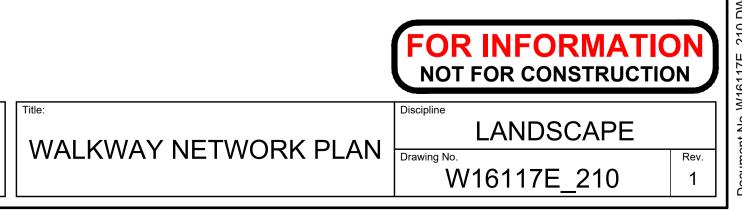
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	Buffer area - Waitangi Stream Tributary						
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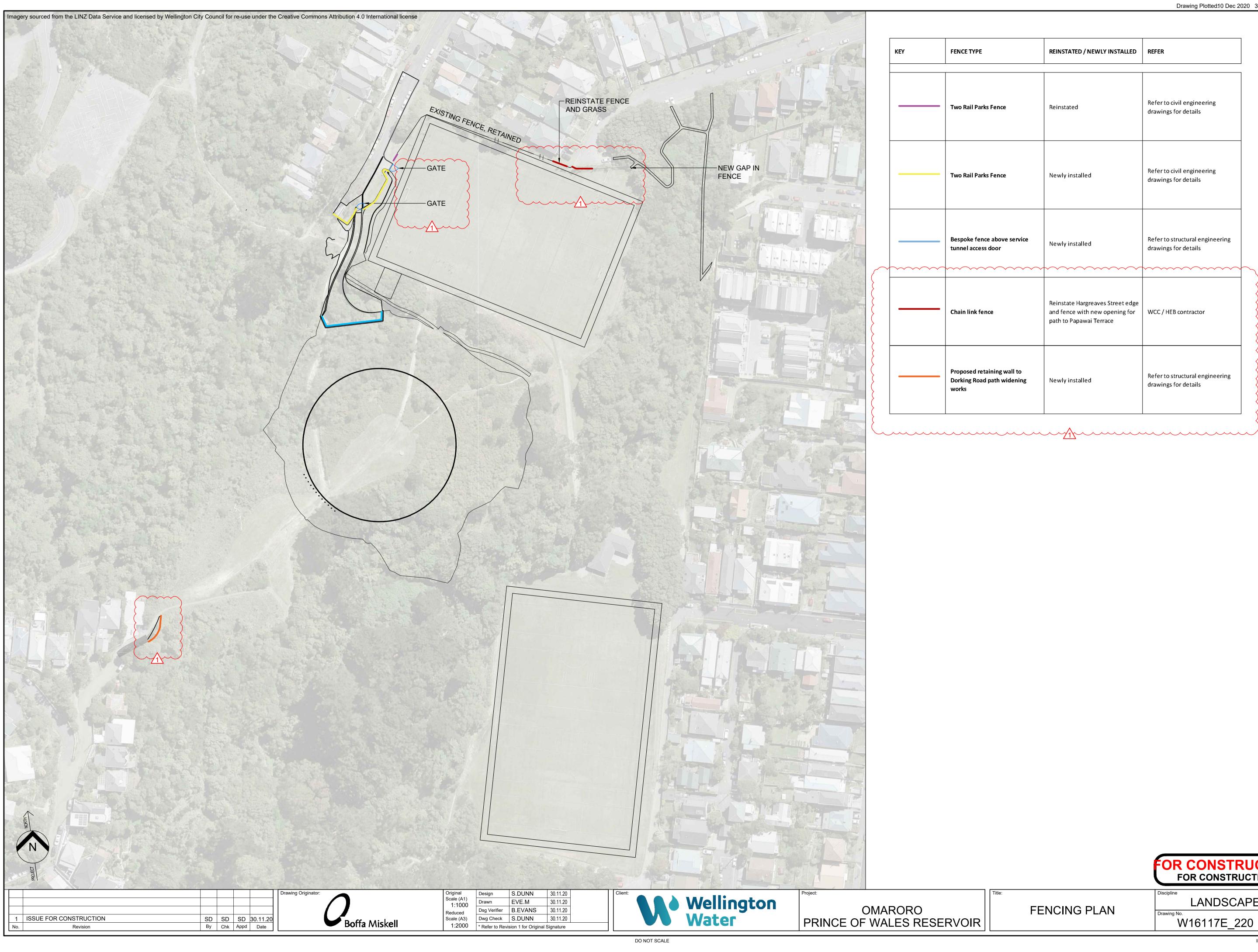




DESCRIPTION	CLASSIFICATION	SURFACE FINISH					
City to Sea Walkway	Walking track	50mm (after compaction) lime infused domestic top coarse. Sourced from Horokiwi quarry.					
Dorking Road to Westland Road	Walking track	Remain unchanged.					
Dorking Road to Rolleston Street	Walking track	Grassed surface in keeping with reservoir top. Section of asphalt to remain unchanged.					
20 Dorking Road to Bell Road commuter route	Walking track	Remain unchanged. used as the Re-route walkway for Dorking to Rolleston during construction					
Eastern summit route	Walking track	50mm (after compaction) lime infused domestic top course. Sourced from Horokiwi quarry					
Rolleston Street to Hargreaves Street	Informal grassed and paved surface (in parts) . To remain open where practical	Unchanged					
Upper to Lower field access track	WCC maintenance access track	Reinstate grassed swale to west and grassed margin to east. Track left as compacted aggregate					
Sailsbury Terrace to Papawai Terrace	To remain open and unchanged from existing						
Sports pavilion to Salisbury Terrace	To remain open and unchanged from existing						
Papawai Terrace to Hargreaves Street	Walking track	50mm (after compaction) lime infused domestic top course. Sourced from Horokiwi quarry					
cation of walkways outside project works boundary are approximate. ated outside of construction boundary are under WCC works. Tracks within the construction boundary this contract, as part of Welllington Water works.							

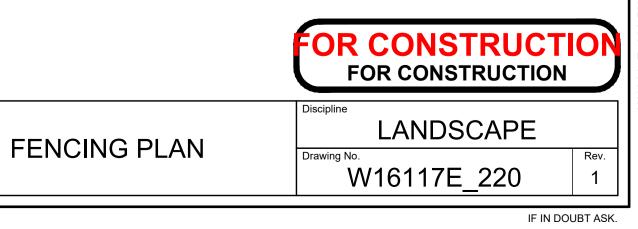
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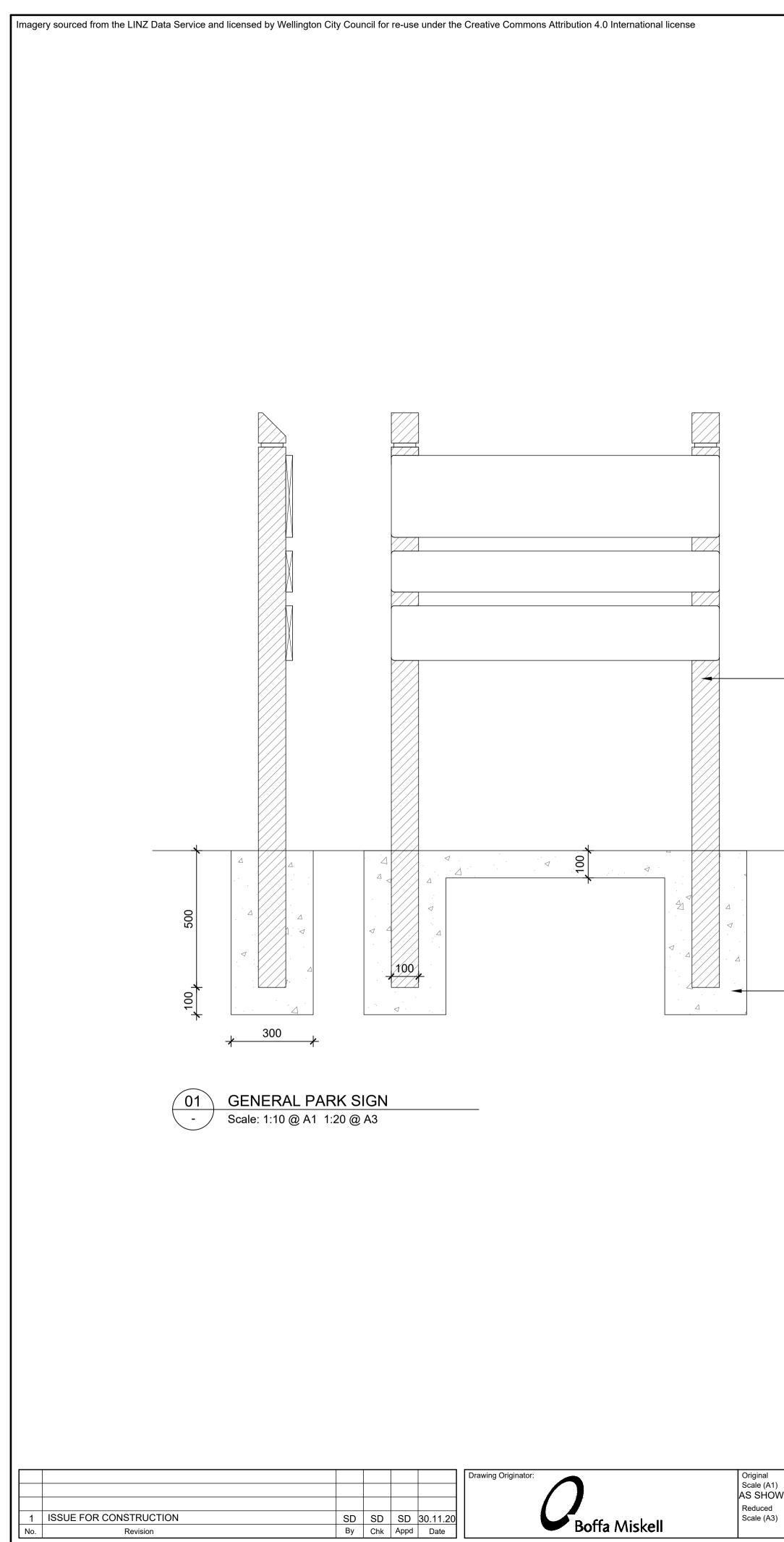




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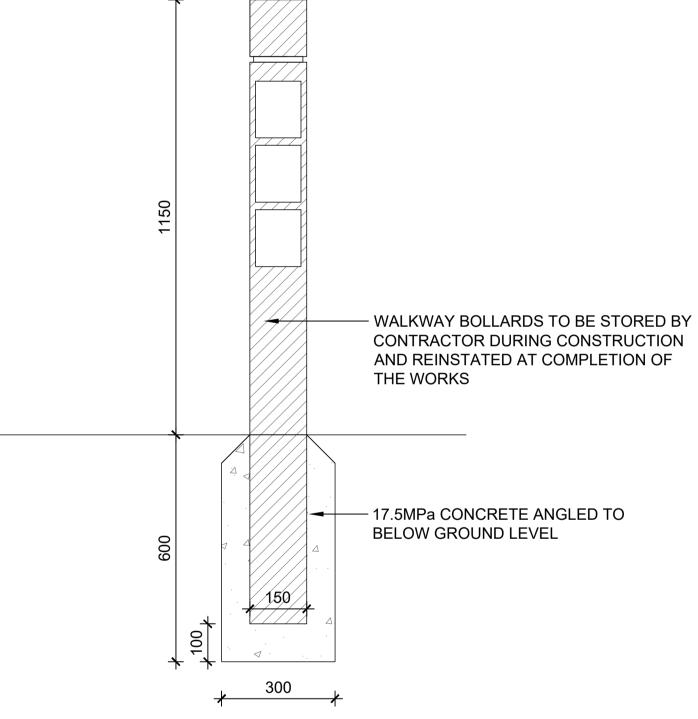
FENCE TYPE	REINSTATED / NEWLY INSTALLED	REFER
Two Rail Parks Fence	Reinstated	Refer to civil engineering drawings for details
Two Rail Parks Fence	Newly installed	Refer to civil engineering drawings for details
Bespoke fence above service tunnel access door	Newly installed	Refer to structural engineering drawings for details
Chain link fence	Reinstate Hargreaves Street edge and fence with new opening for path to Papawai Terrace	WCC / HEB contractor
Proposed retaining wall to Dorking Road path widening works	Newly installed	Refer to structural engineering drawings for details





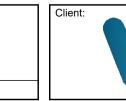
- SIGNS TO BE STORED BY CONTRACTOR DURING CONSTRUCTION AND REINSTATED AT COMPLETION OF THE WORKS

- 17.5MPa CONCRETE POURED TO GROUND LEVEL, 100mm BETWEEN POSTS, BROOM FINISH



WALK WAY SIGN POST <u>_____</u> Scale: 1:10 @ A1 1:20 @ A3 - ,

Original Design Scale (A1) AS SHOWN S.DUNN 30.11.20 EVE.M 30.11.20 Dsg Verifier B.EVANS 30.11.20 Dwg Check S.DUNN 30.11.20 * Refer to Revision 1 for Original Signature



Wellington Water

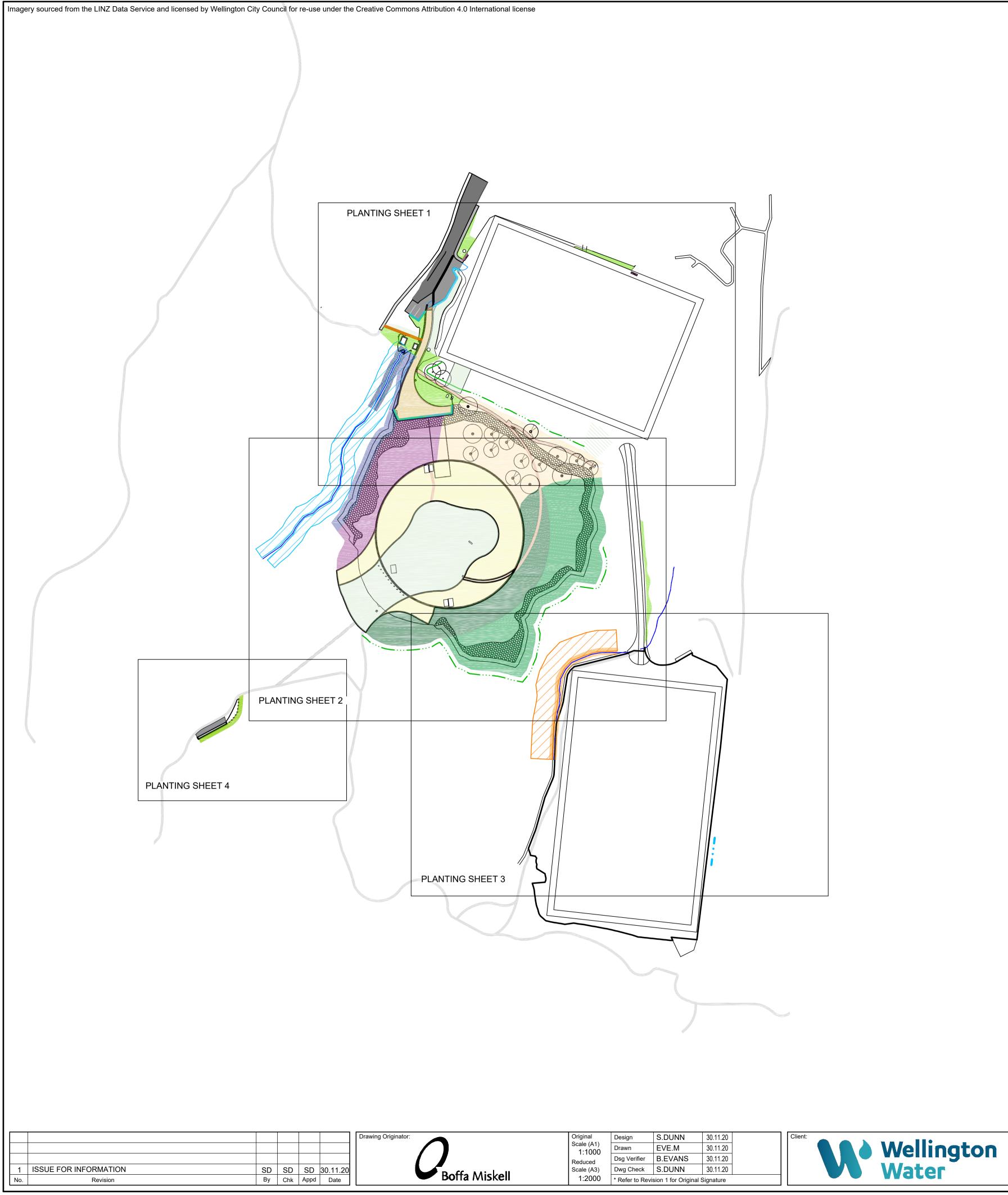
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TYPICAL DETAILS HARD



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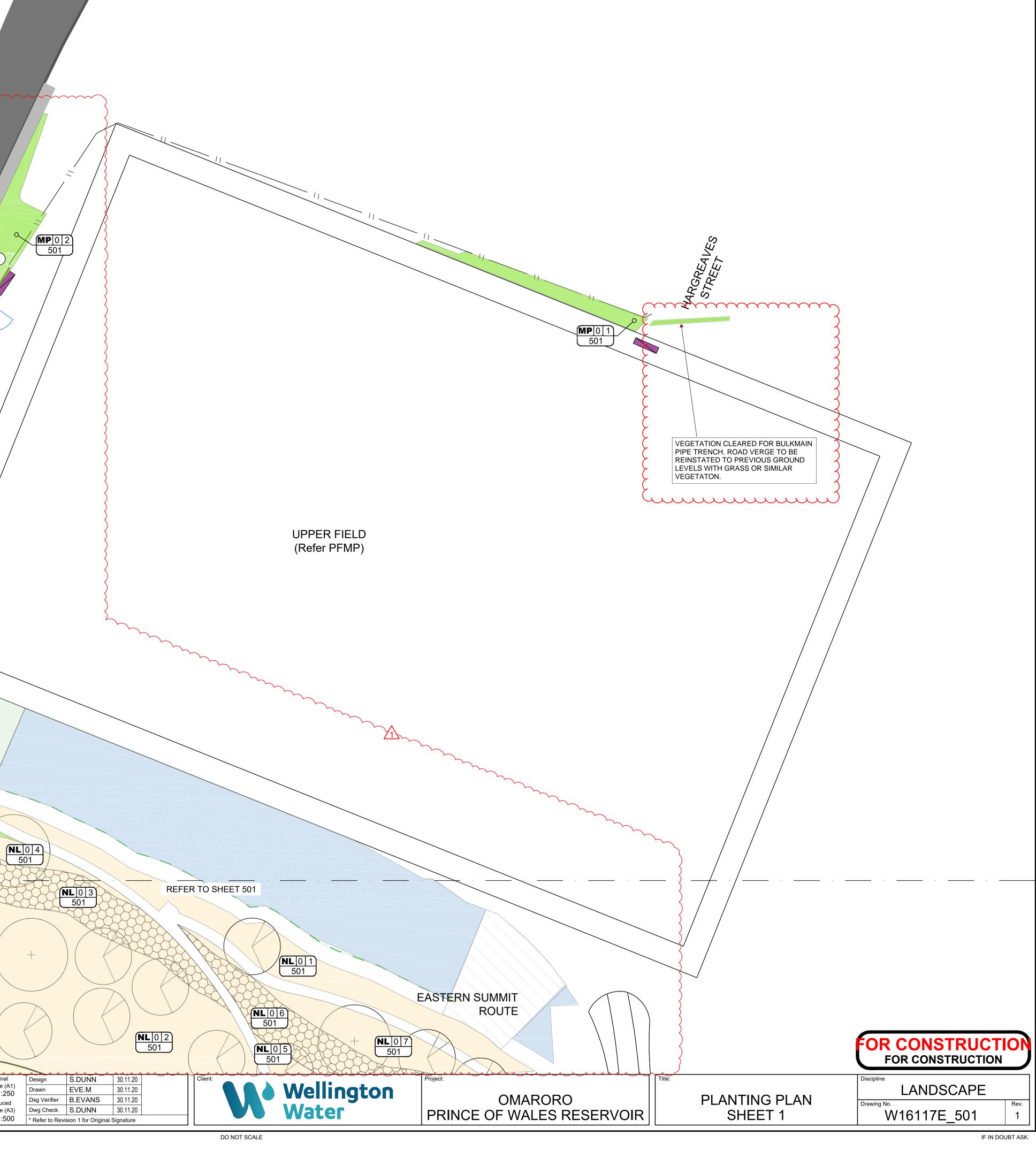




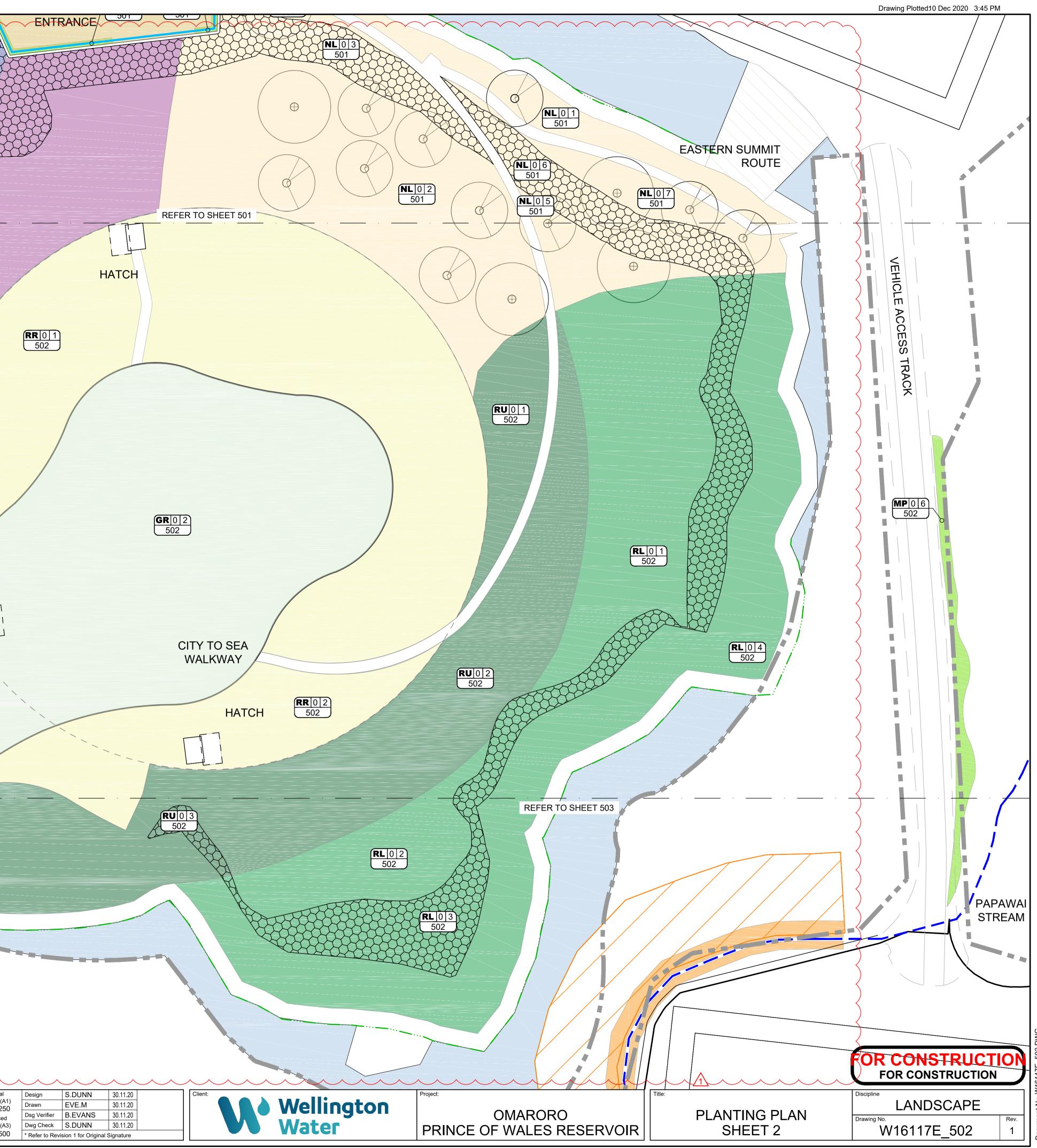
PLANTING PLAN OVERVIEW



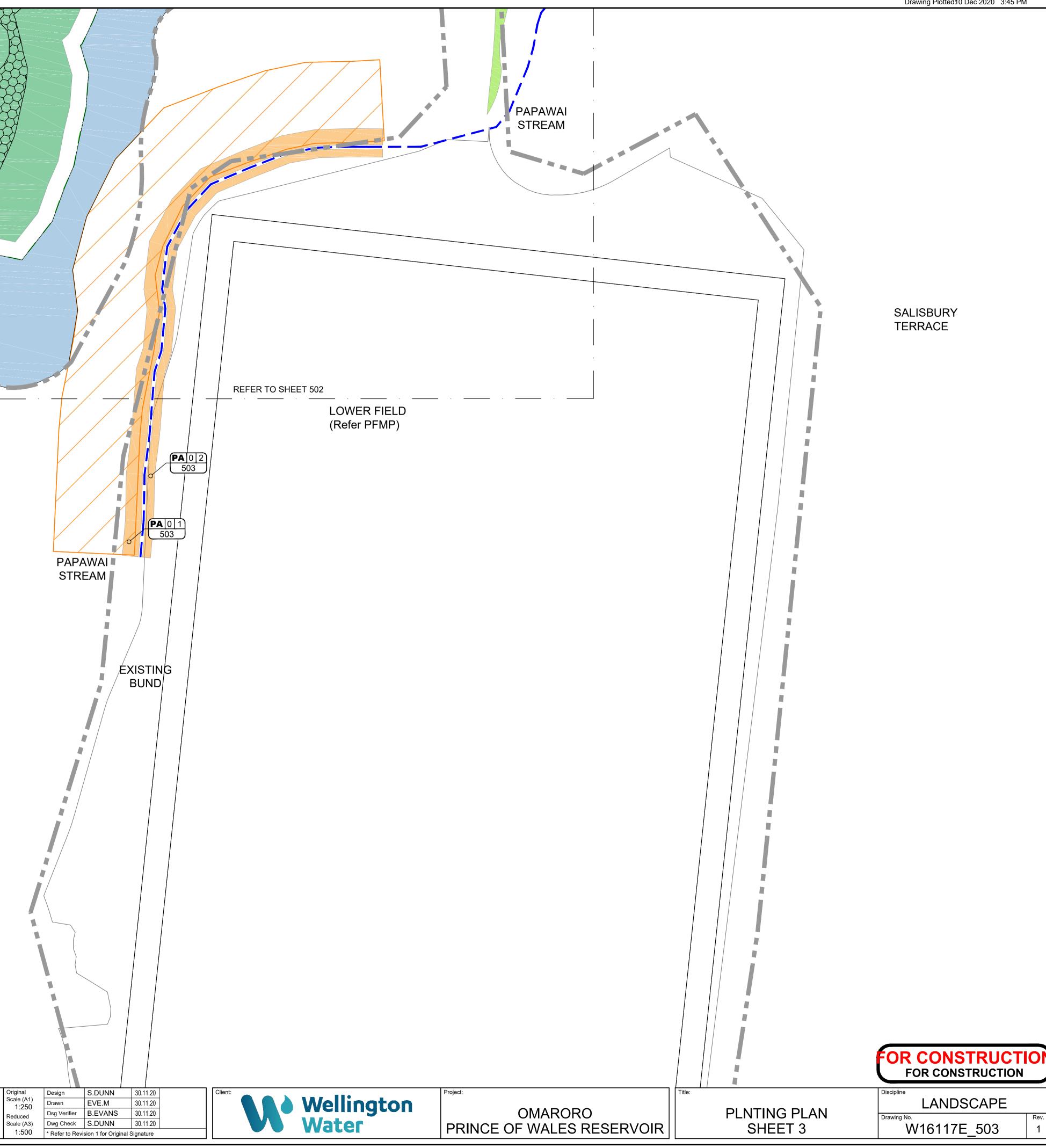
Imagery sourced from the LINZ Data Service and licensed by Wellington Cit	ty Council for re-use under the Crea	ative Commons Attribution 4.0 International license
Planting type Area code RU04 502		
Sheet number		
Eucalyptus leucoxylon 'Rosea'		
PLANTING TYPES NL Native low planting		ESTO FSTO
MP Massed planting		ROLLESTON
TW Tunnel entrance wall planting		
RR Native reservoir roof planting		
LP Leptospermum scoparium		
RU Native revegetation - East and South of Reservoir - Upper Slopes		o o o o o o o o o o o o o o o o o o o
RL Native revegetation - East and South of Reservoir - Lower Slopes		Contraction of the second seco
RW Native revegetation - West (Waitangi Stream)		435
PA Riparian planting - Papawai Stream		
WA Riparian planting - Waitangi Stream Tributary		GR 0 1 501
TU Pipe tunnel		MP03
GR Grassed	GR 0 3 501	501
Limb identification zone for protection or removal in consultation with arborist	VC 01 501	
Geo-cell reinforcement	ς	
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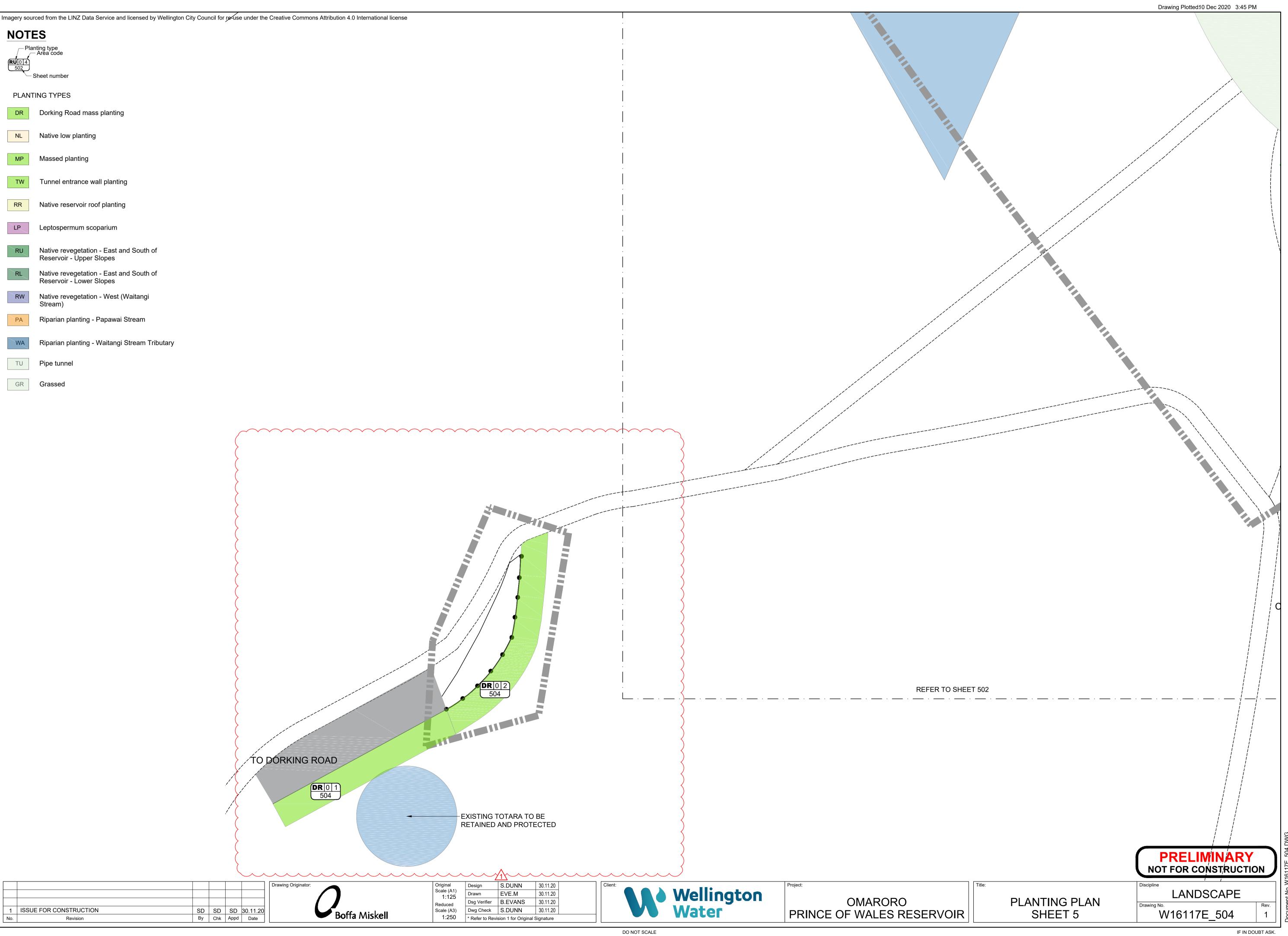
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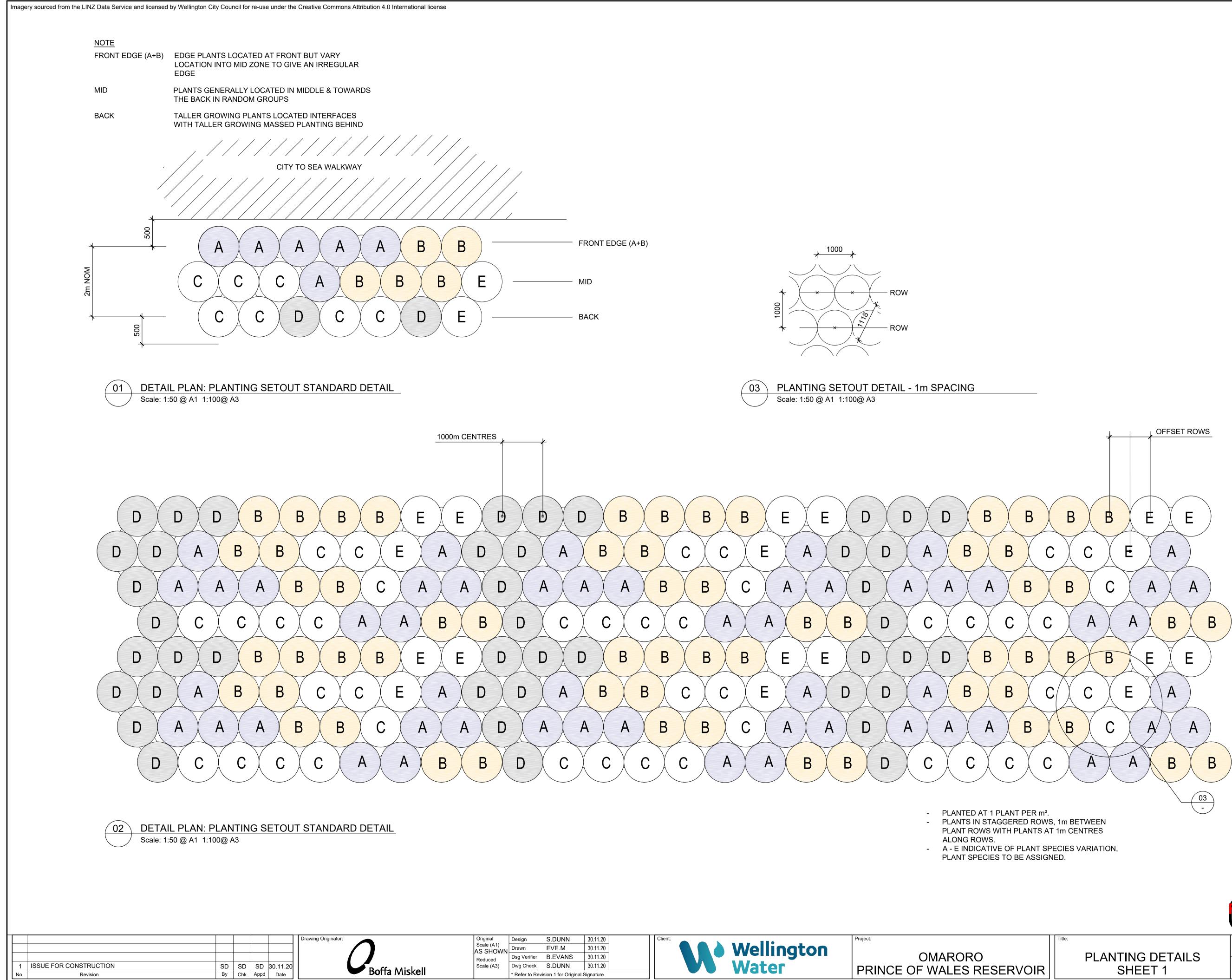
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NL Native low planting		
MP Massed planting		
TW Tunnel entrance wall planting		
RR Native reservoir roof planting		
LP Leptospermum scoparium		
RU Native revegetation - East and South of Reservoir - Upper Slopes		
RL Native revegetation - East and South of Reservoir - Lower Slopes		
RW Native revegetation - West (Waitangi Stream)		
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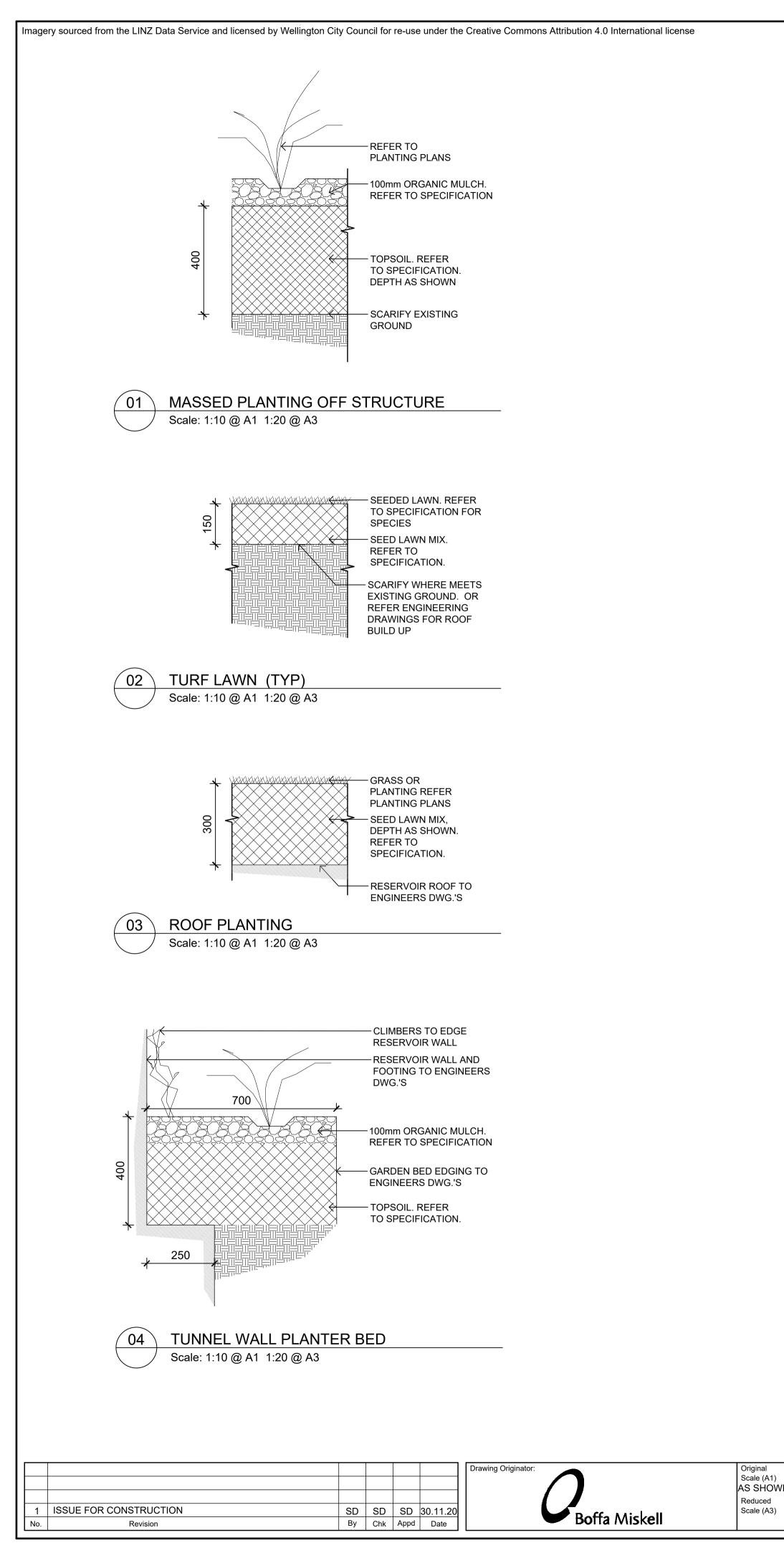


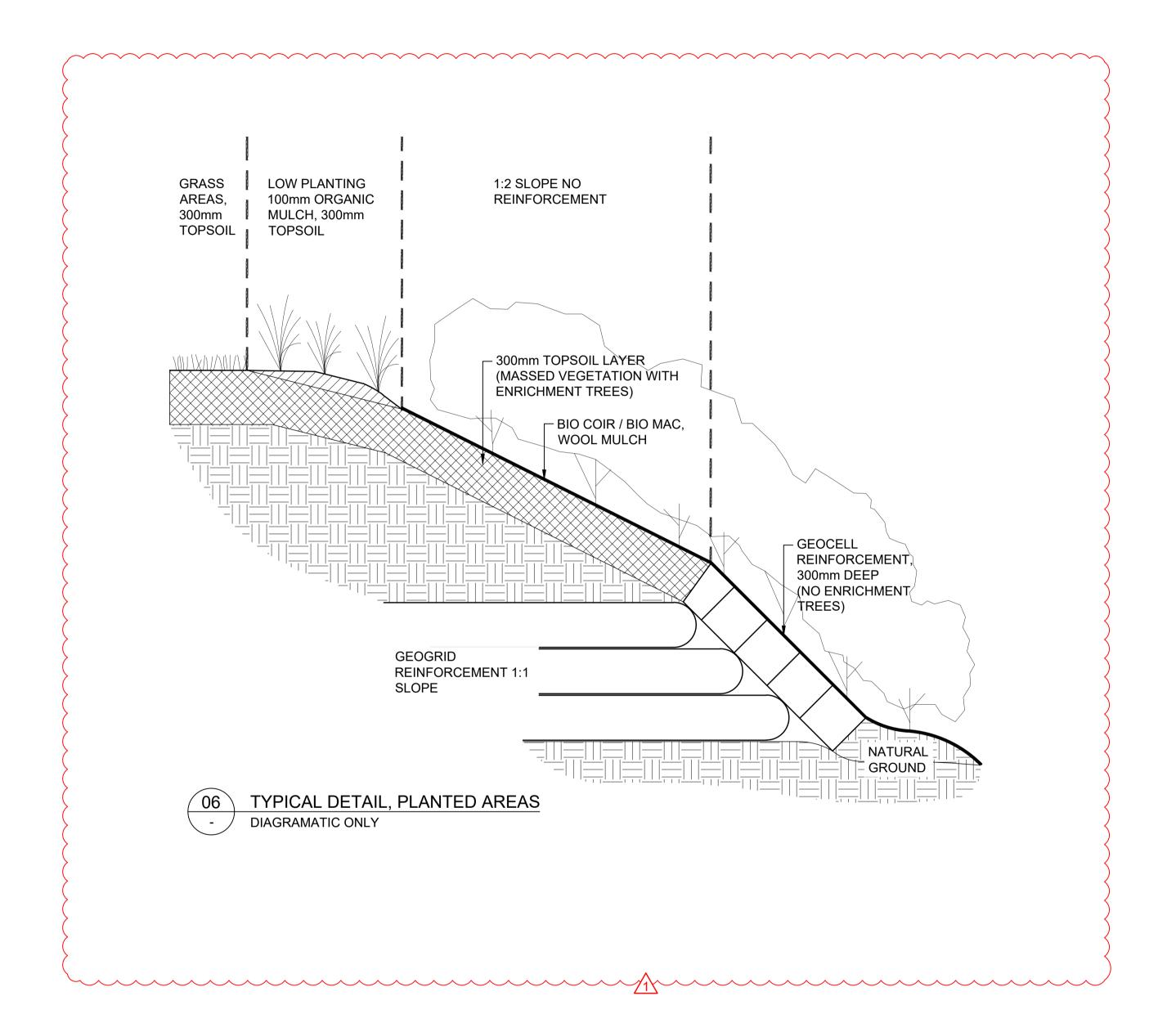
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	* Refer to Revision 1 for Original Signature						

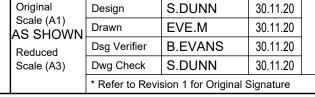




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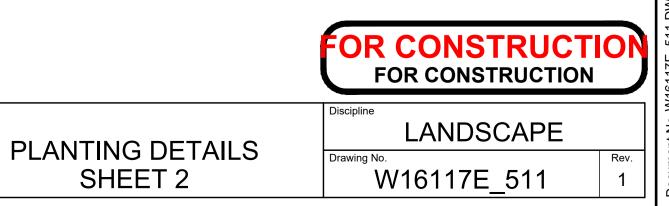




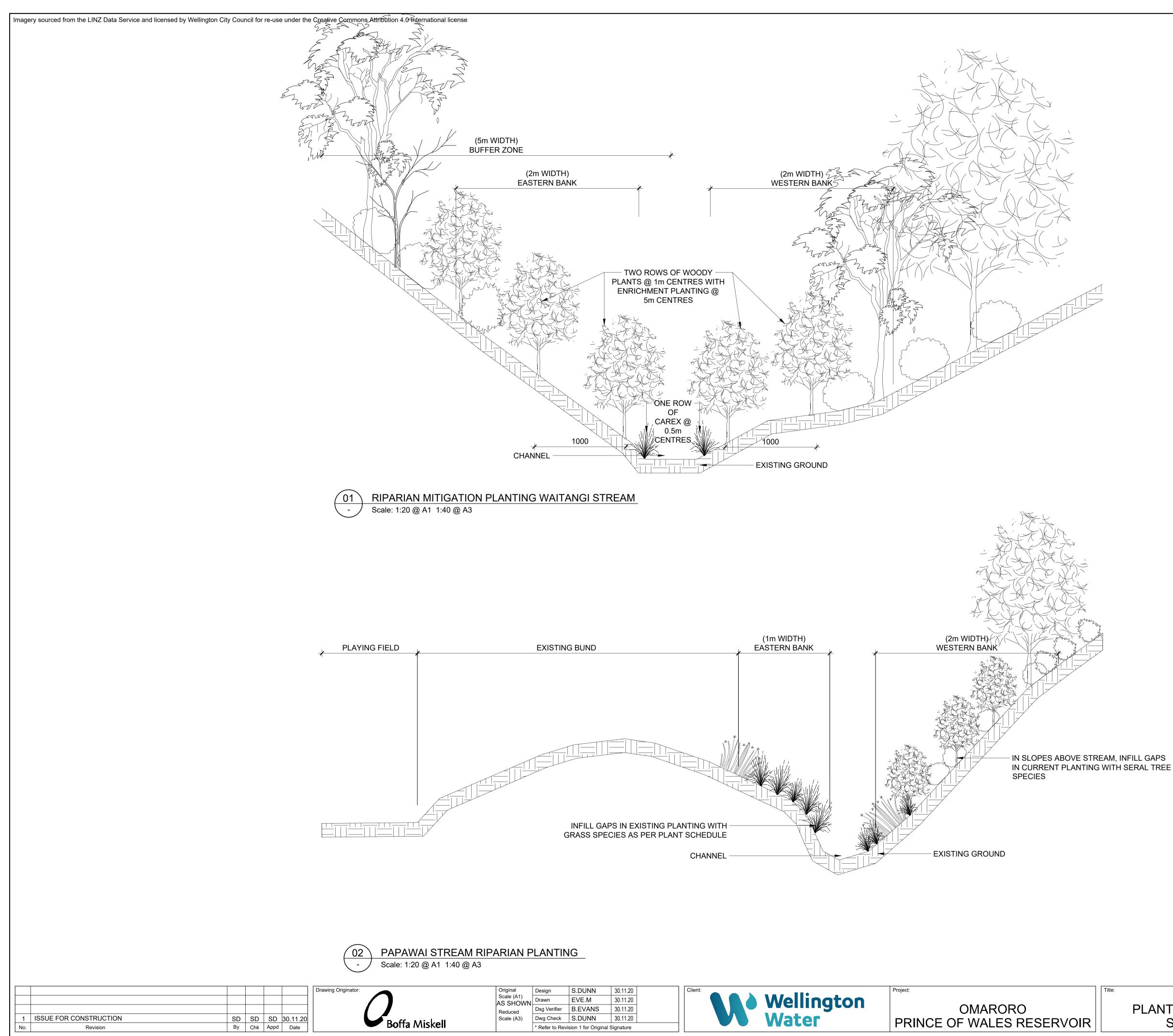








SHEET 2





Discipline

PLANTING DETAILS SHEET 3