

STORMWATER MANHOLES (AB100)										
ID	Dia	mN	mE	Lid Level	Inv Out	Inv In	Inv In	Inv In	Inv In	Inv In
EX SWMH 79320	1800	800025.37	368095.66	18.26	14.96	14.99				
SWMH A/1	1650	799936.02	368139.66	22.79	19.09	19.17				
SWMH A/2	1650	799849.67	368188.18	27.31	23.68	23.94				
SWMH A/3	1800	799789.64	368253.14	34.28	30.75	32.27	30.82	30.95		
SWMH A/4	2050	799776.60	368332.82	42.47	38.86	38.97	40.27	39.01	41.53	38.98
SWMH A/5	1200	799801.67	368404.72	50.12	48.02	48.16	48.06	48.22		
SWMH B/1	1050	799802.17	368260.43	34.75	32.51	32.59				
SWMH B/2	1050	799830.40	368273.03	42.63	40.59	40.71				
SWMH B/3	1050	799843.18	368272.26	45.01	42.43	42.50	44.21			
SWMH B/4	1050	799871.22	368275.72	49.29	46.56	46.62	48.30			
SWRE B/5		799969.68	368265.58	57.87						
SWMH C/1	1050	799768.58	368251.81	34.74	32.87	32.92				
SWMH C/2	1050	799728.05	368296.51	39.14	36.49					
SWMH D/1	1500	799819.29	368330.07	46.75	42.97	42.99	43.67			
SWMH D/2	1650	799855.53	368330.88	51.42	48.94	49.23	49.01	49.17	49.44	
SWMH D/3	1200	799877.25	368317.50	51.94	49.95	49.98				
SWMH D/4	1050	799913.37	368314.41	54.75	52.70	52.89	52.78	52.86		
SWMH E/1	1050	799824.99	368353.88	49.16	47.15	47.21				
SWMH E/2	1050	799834.66	368374.77	51.30	50.02	50.10				
SWMH F/1	1050	799868.18	368356.79	52.39	50.41	50.53				
SWMH G/1	1200	799756.53	368342.91	42.62	39.82	41.09	39.89	41.08		
SWHW U/0		800037.64	368151.25	19.67						
SWMH U/1	1050	800011.46	368160.69	24.97	22.64	22.73				
SWMH U/2	675	800015.15	368215.07	43.75	42.79					

STORMWATER MANHOLES (AB101)										
ID	Dia	mN	mE	Lid Level	Inv Out	Inv In	Inv In	Inv In	Inv In	Inv In
SWMH A/6	1200	799821.59	368436.55	53.09	50.26	50.59	50.33	50.56		
SWMH A/7	1800	799852.12	368491.40	55.99	53.52	53.53	54.47	54.47	54.55	
SWMH E/3	1050	799874.75	368444.27	56.74	55.64					
SWMH F/2	1050	799900.92	368413.04	57.35	55.64	55.70	55.73			
SWMH G/2	1200	799714.25	368360.83	44.58	42.48					
SWMH H/1	1200	799867.52	368482.92	56.29	53.85	54.85	53.94	54.85		
SWMH H/2	1200	799934.49	368444.66	58.45	55.79	56.92	55.87	56.91		
SWMH H/3	1200	799969.81	368425.97	58.65	56.27	56.51	56.36			
SWMH H/4	1200	800016.10	368408.82	58.89	56.65	57.45	56.76	57.49		
SWMH K/1	1050	799956.65	368384.11	59.08	56.89	57.00	56.93			
SWMH M/1	1050	799836.53	368500.97	55.92	53.84	54.53	53.90	54.42		
SWMH M/2	1050	799750.86	368549.39	56.64	54.81	55.48	54.91	55.46		
SWMH M/3	1050	799700.76	368588.73	57.27	55.55					

STORMWATER MANHOLES (AB102)										
ID	Dia	mN	mE	Lid Level	Inv Out	Inv In	Inv In	Inv In	Inv In	Inv In
SWMH D/5	1050	800022.13	368305.24	59.01	56.52	57.87	56.55	57.87		
SWMH D/6	1050	800058.95	368314.88	59.20	56.93	56.94				
SWMH D/7	1050	800117.85	368318.15	59.50	57.34	58.35	57.37	58.23		
SWMH D/8	1200	800185.06	368324.62	60.04	57.69	58.78	58.68	57.76		
SWMH D/9	1050	800177.88	368357.12	59.93	58.02					
SWMH H/5	1200	800102.42	368395.31	59.34	57.21	57.68	57.27	57.75		
SWMH H/6	1050	800168.92	368399.23	59.81	57.61	57.69	57.73			
SWMH H/7	1050	800170.89	368390.25	59.85	57.96	58.32	58.34			
SWMH K/2	1050	800021.44	368372.42	59.67	58.58					
SWMH L/1	1050	800155.70	368459.72	59.34	58.02	58.05	58.07			
SWRE Q/1		800204.92	368322.34	61.01						

STORMWATER MANHOLES (AB103)										
ID	Dia	mN	mE	Lid Level	Inv Out	Inv In	Inv In	Inv In	Inv In	Inv In
EX SWMH 79304	2300	800315.15	368078.17	14.56						
SWMH J/1	675	800306.05	368162.09	42.20	41.30	41.33				

STORMWATER CATCHPITS (AB100)			
ID	mN	mE	RL
CP1	799978.40	368107.53	20.10
CP2	799985.55	368122.81	20.13
CP3	799917.30	368138.52	23.20
CP4	799925.34	368153.33	23.19
CP5	799858.37	368173.34	26.32
CP6	799867.37	368187.56	26.31
CP7	799803.50	368217.56	30.42
CP8	799816.60	368228.10	30.38
CP9	799771.37	368281.01	37.13
CP10	799787.80	368285.05	37.13
DCP11	799753.91	368339.34	42.41
DCP12	799755.42	368347.04	42.41
CP13	799789.21	368330.19	42.45
CP14	799770.87	368353.52	44.09
CP15	799787.22	368349.71	44.04
CP16	799794.74	368409.18	49.87
CP17	799809.36	368401.00	49.87
CP40	799912.95	368310.66	54.57
CP41	799913.60	368318.54	54.59
DCP42	799857.73	368327.42	51.20
DCP43	799866.62	368331.36	51.26
CP46	799971.25	368265.41	57.87
CP47	799954.25	368267.84	56.84
CP48	799934.12	368269.53	55.40
CP49	799914.21	368272.11	53.71
CP50	799893.26	368274.47	51.91
CP51	799872.68	368276.63	49.24
CP52	799846.80	368273.69	45.77
CP53	799833.86	368273.90	43.35
CP54	799846.11	368304.56	48.48
CP60	799946.46	368186.45	26.98
CP61	799935.59	368191.26	27.43
CP62	799964.69	368178.81	26.70
CP63	799982.60	368169.96	25.54
CP64	800001.07	368161.54	23.94

STORMWATER CATCHPITS (AB101)			
ID	mN	mE	RL
CP18	799813.77	368442.21	52.90
CP19	799828.26	368433.73	52.87
CP22	800015.23	368404.92	58.73
CP23	800017.46	368412.41	58.75
CP24	799932.36	368440.83	58.28
CP25	799936.37	368447.63	58.30
CP26	799865.42	368478.86	55.93
CP27	799869.82	368486.57	55.92
CP28	799866.05	368499.27	56.12
CP29	799851.70	368507.99	56.10
DCP30	799833.77	368497.17	55.57
DCP31	799838.14	368504.76	55.57
CP32	799749.41	368546.46	56.52
CP33	799753.38	368553.18	56.50
CP44	799897.21	368414.96	57.16
CP45	799904.08	368410.99	57.15
CP55	799959.55	368380.96	59.02
CP56	799967.51	368416.25	58.76

STORMWATER CATCHPITS (AB102)			
ID	mN	mE	RL
CP20	800102.48	368391.23	59.17
CP21	800102.82	368399.11	59.18
CP34	800167.49	368386.38	59.69
CP35	800175.16	368388.19	59.68
CP36	800117.78	368314.33	59.33
CP37	800117.70	368322.24	59.33
CP38	800022.75	368301.58	58.85
CP39	800022.34	368309.51	58.85
CP57	800195.15	368322.29	60.42
CP65	800151.35	368460.92	59.16
CP66	800159.43	368460.89	59.14

STORMWATER CATCHPITS (AB103)			
ID	mN	mE	RL
CP58	800286.93	368213.84	47.91
CP59	800242.68	368269.34	53.47

				ORIGINATOR: RXD	DATE: 21.04.15	SIGNED:	PLOT BY: HEH		ASSOCIATION OF CONSULTING ENGINEERS NEW ZEALAND	ISO 9001 QUALITY ASSURED		TAURANGA OFFICE LEVEL 1 HARRISON GRIERSON HOUSE 141 CAMERON ROAD TAURANGA 3110 T +64 7 578 0023 W www.harrisingrierson.com	PROJECT:  THE LAKES (2012) LTD, TAURANGA	TITLE: STAGES 3AB STORMWATER RETICULATION AS BUILT PLAN SHEET 5 TCC IP 101574	ISSUE STATUS: AS BUILT												
				DRAWN: HEH	DATE: 21.04.15	SIGNED:	PLOT DATE: 30.04.15								PROJECT No: 1520-135959-01		SCALES:	A1									
				CHECKED: GPR	DATE: 21.04.15	SIGNED:	SURVEY BY:								DRAWING No:		REV										
B	AS BUILT FINAL		RXD	30.04.15											135959-AB104		B										
A	AS BUILT DRAFT		RXD	21.04.15	APPROVED: DGN	DATE: 21.04.15	SIGNED:	SURVEY DATE:	THIS DRAWING AND DESIGN REMAINS THE PROPERTY OF, AND MAY NOT BE REPRODUCED OR ALTERED, WITHOUT THE WRITTEN PERMISSION OF HARRISON GRIERSON CONSULTANTS LIMITED. NO LIABILITY SHALL BE ACCEPTED FOR UNAUTHORISED USE OF THIS DRAWING.																		
REF	REVISIONS		BY	DATE																							