

WASTEWATER MANHOLES (AB201)								
ID	DIA	mE	mN	LID LEVEL	INV OUT	INV IN	INV IN	INV IN
WWMH 01/10	1050	368742.79	799720.41	57.06	54.13	54.14	54.17	
WWMH 01/11	1050	368754.45	799765.66	57.09	54.31	54.36	54.32	
WWMH 01/12	1050	368754.11	799830.63	57.51	54.53	54.54		
WWMH 01/13	1050	368758.23	799859.34	57.43	54.62	54.64		
WWMH 01/14	1050	368792.00	799900.39	57.57	54.82			
WWMH 07/6	1050	368734.19	799722.58	57.03	53.19	53.24		
WWMH 07/7	1050	368651.82	799741.36	57.45	53.73	53.84		
WWMH 07/8	1050	368616.63	799778.72	57.69	54.11	54.12	54.14	
WWMH 07/9	1050	368582.00	799838.86	58.05	54.76	54.77	54.83	
WWMH 07/10	1050	368534.56	799920.77	58.70	56.09	56.10		
WWMH 07/11	1050	368491.75	799997.82	59.06	56.55			
WWMH 15/1	1050	368655.53	799665.74	57.01	55.49	55.50		
WWMH 18/1	1050	368745.98	799771.54	57.13	54.45	54.46		
WWMH 18/2	1050	368745.70	799847.13	57.45	54.99	55.02		
WWMH 18/3	1050	368770.10	799889.89	57.63	55.31	55.32		
WWMH 18/4	1050	368798.91	799924.99	57.70	55.51			
WWMH 19/1	1050	368667.46	799820.31	57.69	55.51			
WWMH 20/1	1050	368612.31	799858.72	57.92	56.27	56.30		
WWMH 20/2	1050	368625.76	799885.97	58.07	56.48	56.53		
WWMH 20/3	1050	368624.50	799912.95	58.21	56.67	56.71		
WWMH 20/4	1050	368610.26	799936.98	58.35	56.95	56.98		
WWMH 20/5	1050	368573.14	799954.29	58.55	57.21			

WASTEWATER MANHOLES (AB202)								
ID	DIA	mE	mN	LID LEVEL	INV OUT	INV IN	INV IN	INV IN
WWMH 01/8	1050	368685.63	799535.70	56.74	53.35	53.42	55.18	
WWMH 01/9	1050	368713.39	799624.89	56.76	53.75	53.77		
WWMH 07/4	1050	368689.77	799578.75	56.68	52.20	52.34	52.22	
WWMH 07/5	1050	368712.54	799651.86	56.74	52.77	52.88	52.80	52.90
WWMH 10/1	1050	368705.17	799474.07	57.17	55.52	55.57	55.56	
WWMH 10/2	1050	368745.38	799484.54	57.76	55.96	55.97		
WWMH 10/3	1050	368776.20	799512.23	58.14	56.54	56.59	56.61	
WWMH 10/4	1050	368792.49	799564.67	58.71	57.10	57.12		
WWMH 10/5	1050	368840.73	799569.11	60.14	58.45	58.51		
WWMH 11/1	1050	368749.63	799452.75	58.02	55.83	55.90	55.88	
WWMH 11/2	1050	368785.98	799442.48	59.19	57.60	57.61		
WWMH 11/3	1050	368817.47	799441.20	60.60	58.81	58.88		
WWMH 12/1	1050	368739.50	799421.98	58.03	56.06	56.09		
WWMH 12/2	1050	368779.51	799411.58	58.04	56.31	56.33		
WWMH 13/1	1050	368712.71	799527.70	57.56	55.72	55.80		
WWMH 13/2	1050	368737.62	799552.90	58.05	56.10	56.13		
WWMH 14/1	1050	368648.61	799588.92	57.15	55.43	55.51		
WWMH 15/2	1050	368613.76	799686.22	57.34	55.90			
WWMH 16/1	1050	368752.39	799635.73	57.56	55.19	55.22		
WWMH 16/2	1050	368784.54	799598.56	58.54	56.54	56.60		
WWMH 16/3	1050	368819.21	799617.53	59.60	58.17	58.18		
WWMH 17/1	1050	368796.82	799689.59	58.89	57.04			
WWRE 229		368815.38	799496.51	62.47				
WWRE 10/6		368842.83	799539.02	60.46				
WWRE 13/3		368730.86	799588.65	57.84				
WWRE 16/4		368801.64	799638.62	59.26				

WASTEWATER MANHOLES (AB203)								
ID	DIA	mE	mN	LID LEVEL	INV OUT	INV IN	INV IN	INV IN
WWMH 05/1	1050	368568.04	799474.44	53.33	49.14	49.23	49.20	
WWMH 01/3	1050	368485.88	799532.51	50.71	48.41	48.42		
WWMH 01/4	1050	368540.41	799490.25	52.66	48.58	48.59		
WWMH 01/5	1050	368563.01	799479.34	53.78	49.06	49.08	49.08	
WWMH 01/6	1050	368578.24	799511.94	55.10	50.41	50.44	50.47	
WWMH 01/7	1050	368668.68	799480.66	56.59	52.70	52.74	54.81	
WWMH 04/2	1050	368480.31	799545.68	51.55	49.99	50.03		
WWMH 06/1	1050	368604.54	799462.04	54.79	52.20			
WWMH 07/1	1050	368582.04	799520.42	55.11	51.11	53.56	51.13	
WWMH 07/2	1050	368614.83	799506.22	55.62	51.38	51.58	51.39	
WWMH 07/3	1050	368663.07	799491.32	56.36	51.67	51.71		
WWMH 08/1	1050	368574.20	799523.89	55.08	53.70	53.74		
WWMH 14/2	1050	368591.89	799610.78	58.02	56.52			
WWMH 21/2	1050	368445.55	799642.79	52.96	51.38	51.46	51.42	
WWMH 21/3	1050	368473.73	799613.91	54.48	53.10	53.13		
WWMH 21/4	1050	368537.24	799550.47	54.94	53.62	53.68		
WWMH 22/3	1050	368516.12	799682.93	57.48	55.71	55.75		
WWMH 22/4	1050	368555.57	799646.24	57.92	56.39			
WWMH 23/1	1050	368474.59	799669.60	55.60	54.15	54.27		
WWMH 23/2	1050	368522.70	799618.81	56.40	54.93	54.99		
WWRE 04/3		368510.64	799517.93	52.19				
WWRE 08/2		368587.43	799551.96	56.40				
WWRE 09/1		368627.72	799547.23	56.84				
WWRE 21/5		368557.32	799573.32	56.45				
WWRE 23/3		368557.65	799597.86	57.05				

WASTEWATER MANHOLES (AB204)								
ID	DIA	mE	mN	LID LEVEL	INV OUT	INV IN	INV IN	INV IN
EX WWMH 143738	1050	368294.24	799726.31	38.81	36.18	36.34	36.19	
EX WWMH 143778	1050	368356.09	799729.53	43.07	41.09	41.12		
WWMH 01/1	1050	368343.00	799669.65	42.51	40.29	40.34	40.30	
WWMH 01/2	1050	368421.51	799603.86	50.52	47.89	48.03	47.90	
WWMH 02/1	1050	368299.79	799725.78	39.43	37.43	37.45		
WWMH 03/1	1050	368346.97	799672.66	43.68	41.67	41.76		
WWMH 03/2	1050	368363.02	799658.45	45.30	43.58	43.60		
WWMH 04/1	1050	368426.39	799604.09	50.93	48.96	49.02		
WWMH 21/1	1050	368377.07	799703.26	46.00	44.25	44.36	44.34	
WWMH 22/1	1050	368392.30	799710.66	46.62	44.45	44.48		
WWMH 22/2	1050	368473.97	799749.55	54.39	52.06	52.11		
WWRE 02/2		368314.85	799707.80	40.76				
WWRE 03/3		368393.04	799632.72	48.27				

ORIGINATOR: RXD	DATE: 28.04.16	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.harrisongrierson.com	PROJECT:  THE LAKES (2012) LIMITED, TAURANGA	TITLE: STAGES 3CD WASTEWATER RETICULATION AS BUILT PLAN SHEET 5 TCC IP 101665	ISSUE STATUS: AS BUILT
DRAWN: HEH	DATE: 28.04.16	SIGNED:	PLOT DATE: 21.06.16						
D MINOR AMENDMENTS	GPR 21.06.16	CHECKED: HEH	DATE: 21.06.16	SIGNED:	SURVEY BY:	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.	PROJECT:  THE LAKES (2012) LIMITED, TAURANGA	TITLE: STAGES 3CD WASTEWATER RETICULATION AS BUILT PLAN SHEET 5 TCC IP 101665	ISSUE STATUS: AS BUILT
C MINOR AMENDMENTS	GPR 13.06.16	CHECKED: GPR	DATE: 30.05.16	SIGNED:	SURVEY DATE:				
B AS BUILT FINAL	GPR 30.05.16	APPROVED: GPR	DATE: 18.05.16	SIGNED:					
A AS BUILT DRAFT	GPR 18.05.16	BY: GPR	DATE: 21.06.16	SIGNED:					
REF REVISIONS									