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NOTES

- WORKS HAVE BEEN CARRIED OUT IN ACCORDANCE WITH RC 16780.
- ORIGIN OF LEVELS FOR SURVEY: TCC BM 1023 (BM 1023 DP 419065) RL=51.005 MOTURIKI DATUM.
- S= SINGLE SUMP
DS= DOUBLE SUMP
- ALL 100mmØ & 150mmØ PIPEWORK CONNECTIONS ARE RRJ NOVADRAIN (SN16) PIPE.
- ALL STORMWATER MAIN 225mmØ AND OVER ARE TITAN RCP PIPE.
- ALL SINGLE AND DOUBLE SUMP LEADS ARE 300mmØ NOVADRAIN SN16.
- ALL ROW SUMP LEADS ARE 150mmØ NOVADRAIN SN16
- PLEASE REFER TO ELECTRONIC ASBUILTS FOR FURTHER INFORMATION.

LEGEND:

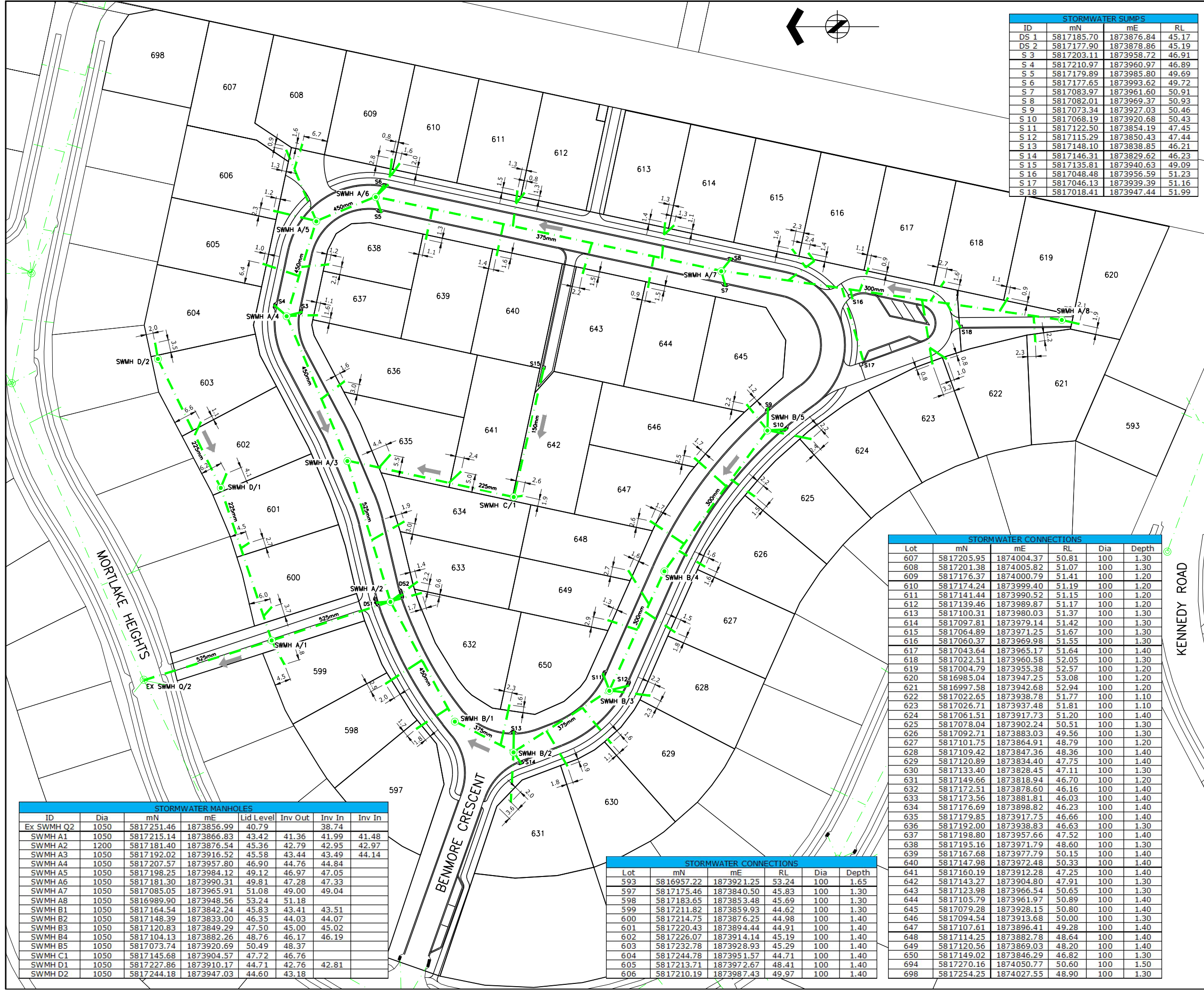
- STORMWATER
- EXISTING STORMWATER
- SUMP
- DOUBLE SUMP
- ROW SUMP
- MANHOLE
- EXISTING MANHOLE
- FLOW DIRECTION

STORMWATER SUMPS			
ID	mN	mE	RL
DS 1	5817185.70	1873876.84	45.17
DS 2	5817177.90	1873878.86	45.19
S 3	5817203.11	1873958.72	46.91
S 4	5817210.97	1873960.97	46.89
S 5	5817179.89	1873985.80	49.69
S 6	5817177.65	1873993.62	49.72
S 7	5817083.97	1873961.60	50.91
S 8	5817082.01	1873969.37	50.93
S 9	5817073.34	1873927.03	50.46
S 10	5817068.19	1873920.68	50.43
S 11	5817122.50	1873854.19	47.45
S 12	5817115.29	1873850.43	47.44
S 13	5817148.10	1873838.85	46.21
S 14	5817146.31	1873829.62	46.23
S 15	5817135.81	1873940.63	49.09
S 16	5817048.48	1873956.59	51.23
S 17	5817046.13	1873939.39	51.16
S 18	5817018.41	1873947.44	51.99

STORMWATER CONNECTIONS						
Lot	mN	mE	RL	Dia	Depth	
607	5817205.95	1874004.37	50.81	100	1.30	
608	5817201.38	1874005.82	51.07	100	1.30	
609	5817176.37	1874000.79	51.41	100	1.20	
610	5817174.24	1873999.40	51.19	100	1.20	
611	5817141.44	1873990.52	51.15	100	1.20	
612	5817139.46	1873989.87	51.17	100	1.20	
613	5817100.31	1873980.03	51.37	100	1.30	
614	5817097.81	1873979.14	51.42	100	1.30	
615	5817064.89	1873971.25	51.67	100	1.30	
616	5817060.37	1873969.98	51.55	100	1.30	
617	5817043.64	1873965.17	51.64	100	1.40	
618	5817022.51	1873960.58	52.05	100	1.30	
619	5817004.79	1873955.38	52.57	100	1.20	
620	5816985.04	1873947.25	53.08	100	1.20	
621	5816997.58	1873942.68	52.94	100	1.20	
622	5817022.65	1873938.78	51.77	100	1.10	
623	5817026.71	1873937.48	51.81	100	1.10	
624	5817061.51	1873917.73	51.20	100	1.40	
625	5817078.04	1873902.24	50.51	100	1.30	
626	5817092.71	1873883.03	49.56	100	1.30	
627	5817101.75	1873864.91	48.79	100	1.20	
628	5817109.42	1873847.36	48.36	100	1.40	
629	5817120.89	1873834.40	47.75	100	1.40	
630	5817133.40	1873828.45	47.11	100	1.30	
631	5817149.66	1873818.94	46.70	100	1.20	
632	5817172.51	1873878.60	46.16	100	1.40	
633	5817173.56	1873881.81	46.03	100	1.40	
634	5817176.69	1873898.82	46.23	100	1.40	
635	5817179.85	1873917.75	46.66	100	1.40	
636	5817192.00	1873938.83	46.63	100	1.30	
637	5817198.80	1873957.66	47.52	100	1.40	
638	5817195.16	1873971.79	48.60	100	1.30	
639	5817167.68	1873977.79	50.15	100	1.40	
640	5817147.98	1873972.48	50.33	100	1.40	
641	5817160.19	1873912.28	47.25	100	1.40	
642	5817143.27	1873904.80	47.91	100	1.30	
643	5817123.98	1873966.54	50.65	100	1.30	
644	5817105.79	1873961.97	50.89	100	1.40	
645	5817079.28	1873928.15	50.80	100	1.40	
646	5817094.54	1873913.68	50.00	100	1.30	
647	5817107.61	1873896.41	49.28	100	1.40	
648	5817114.25	1873882.78	48.64	100	1.40	
649	5817120.56	1873869.03	48.20	100	1.40	
650	5817149.02	1873846.29	46.82	100	1.30	
694	5817270.16	1874050.77	50.60	100	1.50	
698	5817254.25	1874027.55	48.90	100	1.30	

STORMWATER CONNECTIONS						
Lot	mN	mE	RL	Dia	Depth	
593	5816957.22	1873921.25	53.24	100	1.65	
597	5817175.46	1873840.50	45.83	100	1.30	
598	5817183.65	1873853.48	45.69	100	1.30	
599	5817211.82	1873859.93	44.62	100	1.30	
600	5817214.75	1873876.25	44.98	100	1.40	
601	5817220.43	1873894.44	44.91	100	1.40	
602	5817226.07	1873914.14	45.19	100	1.40	
603	5817232.78	1873928.93	45.29	100	1.40	
604	5817244.78	1873951.57	44.71	100	1.40	
605	5817213.71	1873972.67	48.41	100	1.40	
606	5817210.19	1873987.43	49.97	100	1.40	

STORMWATER MANHOLES							
ID	Dia	mN	mE	Lid Level	Inv Out	Inv In	Inv In
Ex SWMH Q2	1050	5817251.46	1873856.99	40.79		38.74	
SWMH A1	1050	5817215.14	1873866.83	43.42	41.36	41.99	41.48
SWMH A2	1200	5817181.40	1873876.54	45.36	42.79	42.95	42.97
SWMH A3	1050	5817192.02	1873916.52	45.58	43.44	43.49	44.14
SWMH A4	1050	5817207.57	1873957.80	46.90	44.76	44.84	
SWMH A5	1050	5817198.25	1873984.12	49.12	46.97	47.05	
SWMH A6	1050	5817181.30	1873990.31	49.81	47.28	47.33	
SWMH A7	1050	5817085.05	1873965.91	51.08	49.00	49.04	
SWMH A8	1050	5816989.90	1873948.56	53.24	51.18		
SWMH B1	1050	5817164.54	1873842.24	45.83	43.41	43.51	
SWMH B2	1050	5817148.39	1873833.00	46.35	44.03	44.07	
SWMH B3	1050	5817120.83	1873849.29	47.50	45.00	45.02	
SWMH B4	1050	5817104.13	1873882.26	48.76	46.17	46.19	
SWMH B5	1050	5817073.74	1873920.69	50.49	48.37		
SWMH C1	1050	5817145.68	1873904.57	47.72	46.76		
SWMH D1	1050	5817227.86	1873910.17	44.71	42.76	42.81	
SWMH D2	1050	5817244.18	1873947.03	44.60	43.18		



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1	AS-BUILT	GPR	09.04.13
REF	REVISIONS	BY	DATE

PROJECT: THE LAKES (2012) LTD
TAURANGA

TITLE: STAGE 2K
STORMWATER
AS-BUILT PLAN

ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
RCH	26.03.13		HJD
DRAWN:	DATE:	SIGNED:	PLOT DATE:
HJD	26.03.13		13.06.13
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GPR	09.04.13		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
DGN	09.04.13		

ISSUE STATUS: **AS-BUILT**

PROJECT No: 1520-132631-01
 SCALES: 1:500 - A1
 1:1000 - A3

DRAWING No: **132631-2K-AB100**

REV: **A**