

**NOTES:**

- LEVELS ARE IN TERMS OF THE MOTURIKI DATUM.
- ORIGIN OF LEVELS TCC BENCHMARK BM 1020 RL 14.63m.
- METHOD OF SURVEY: GPS
- ALL WORKS WERE CARRIED OUT TO TCC IDC 2011 STANDARDS.
- ALL STORMWATER AND WASTEWATER CONNECTIONS, EXCEPT LOT 949 CONNECTION WHICH IS 225mm NB uPVC, ARE 100mm NB uPVC, UNLESS UNDER CARRIAGEWAY WHERE 150mm NB uPVC ARE USED.
- ALL MANHOLES ARE 1050mm DIA UNLESS OTHERWISE SHOWN.
- ALL STORMWATER PIPES ARE RCRRJ PIPES UNLESS OTHERWISE STATED.
- ALL CONCRETE PIPES ARE CLASS 2 UNLESS OTHERWISE STATED.
- ALL DEEP DRAINAGE CONNECTIONS ARE RAMPED UP TO WITHIN 1.5m OF SURFACE.
- ALL SUBSOILS ARE HYNDS PUNCHED NOVACOIL.
- ALL SUBSOILS ARE 100mm Ø UNLESS INDICATED OTHERWISE
- ALL BURIED AS BUILT INFORMATION SUPPLIED BY HIGGINS CONTRACTORS LTD.

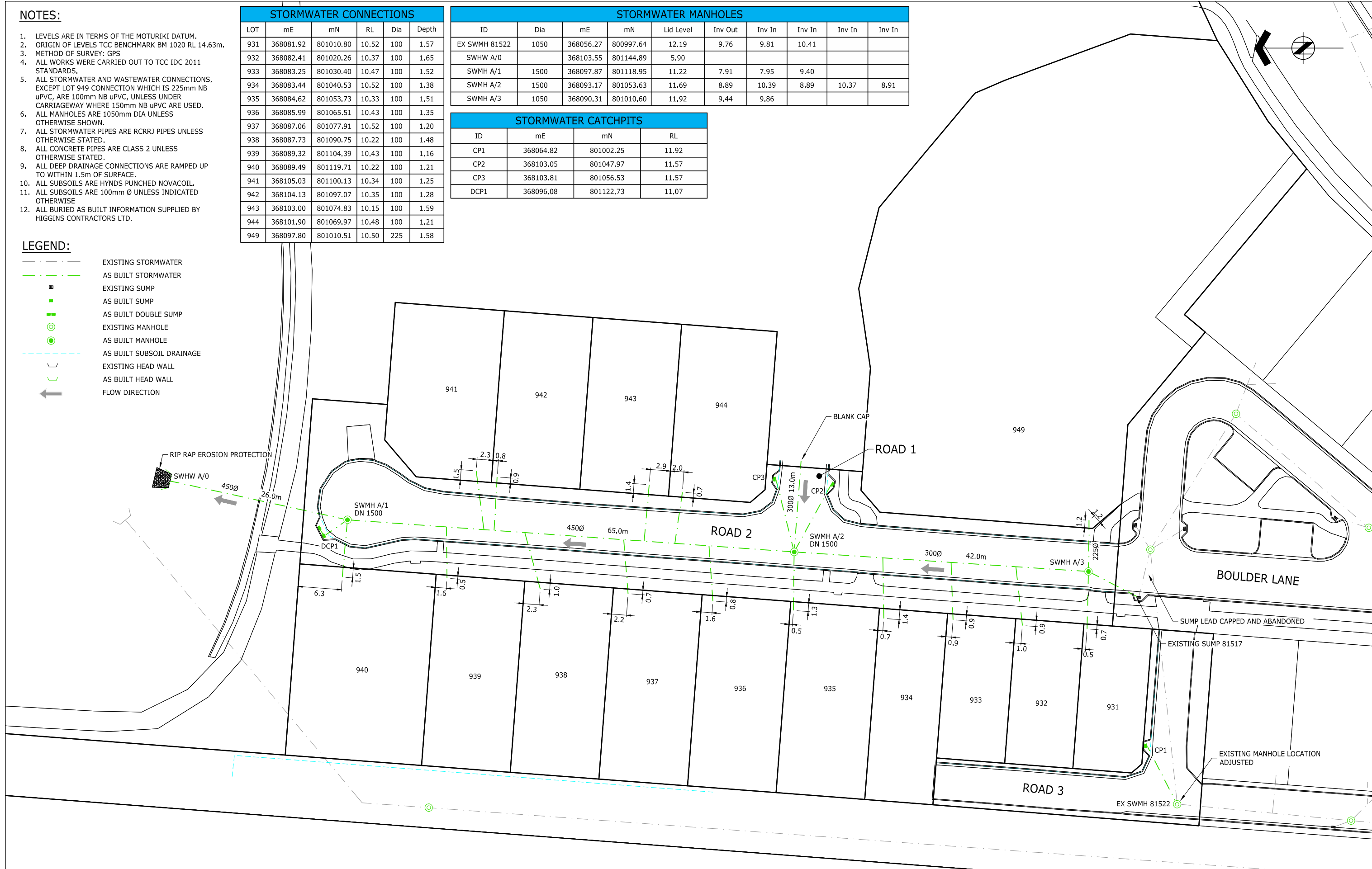
**LEGEND:**

- EXISTING STORMWATER
- AS BUILT STORMWATER
- EXISTING SUMP
- AS BUILT SUMP
- AS BUILT DOUBLE SUMP
- EXISTING MANHOLE
- AS BUILT MANHOLE
- AS BUILT SUBSOIL DRAINAGE
- EXISTING HEAD WALL
- AS BUILT HEAD WALL
- FLOW DIRECTION

STORMWATER CONNECTIONS					
LOT	mE	mN	RL	Dia	Depth
931	368081.92	801010.80	10.52	100	1.57
932	368082.41	801020.26	10.37	100	1.65
933	368083.25	801030.40	10.47	100	1.52
934	368083.44	801040.53	10.52	100	1.38
935	368084.62	801053.73	10.33	100	1.51
936	368085.99	801065.51	10.43	100	1.35
937	368087.06	801077.91	10.52	100	1.20
938	368087.73	801090.75	10.22	100	1.48
939	368089.32	801104.39	10.43	100	1.16
940	368089.49	801119.71	10.22	100	1.21
941	368105.03	801100.13	10.34	100	1.25
942	368104.13	801097.07	10.35	100	1.28
943	368103.00	801074.83	10.15	100	1.59
944	368101.90	801069.97	10.48	100	1.21
949	368097.80	801010.51	10.50	225	1.58

STORMWATER MANHOLES									
ID	Dia	mE	mN	Lid Level	Inv Out	Inv In	Inv In	Inv In	Inv In
EX SWMH 81522	1050	368056.27	800997.64	12.19	9.76	9.81	10.41		
SWHW A/0		368103.55	801144.89	5.90					
SWMH A/1	1500	368097.87	801118.95	11.22	7.91	7.95	9.40		
SWMH A/2	1500	368093.17	801053.63	11.69	8.89	10.39	8.89	10.37	8.91
SWMH A/3	1050	368090.31	801010.60	11.92	9.44	9.86			

STORMWATER CATCHPITS			
ID	mE	mN	RL
CP1	368064.82	801002.25	11.92
CP2	368103.05	801047.97	11.57
CP3	368103.81	801056.53	11.57
DCP1	368096.08	801122.73	11.07



ORIGINATOR: TSC	DATE: 09.12.15	SIGNED:	HEH	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	<b>Central</b> THE LAKES (2012) LIMITED, TAURANGA	TITLE: STAGE 2P2 STORMWATER RETICULATION AS BUILT PLAN TCC IP 24551	ISSUE STATUS: AS BUILT
DRAWN: HEH	DATE: 09.12.15	SIGNED:	HEH	PROJECT No: 1510-137878-01				SCALES: 1:250 - A1 1:500 - A3
CHECKED: TSC	DATE: 21.12.15	SIGNED:	HEH	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.	DRAWING No: 137878-AB100	REV B		
APPROVED: GPR	DATE: 21.12.15	SIGNED:	HEH				REFER TO APPROVED MASTER DRAWINGS FOR ORIGINAL SIGNATURES File: TAURANGA N:\1510\137878_A LAKES 2P2\CAD\ASBUILTS\137878-AB100.DWG	