






**NOTES:**

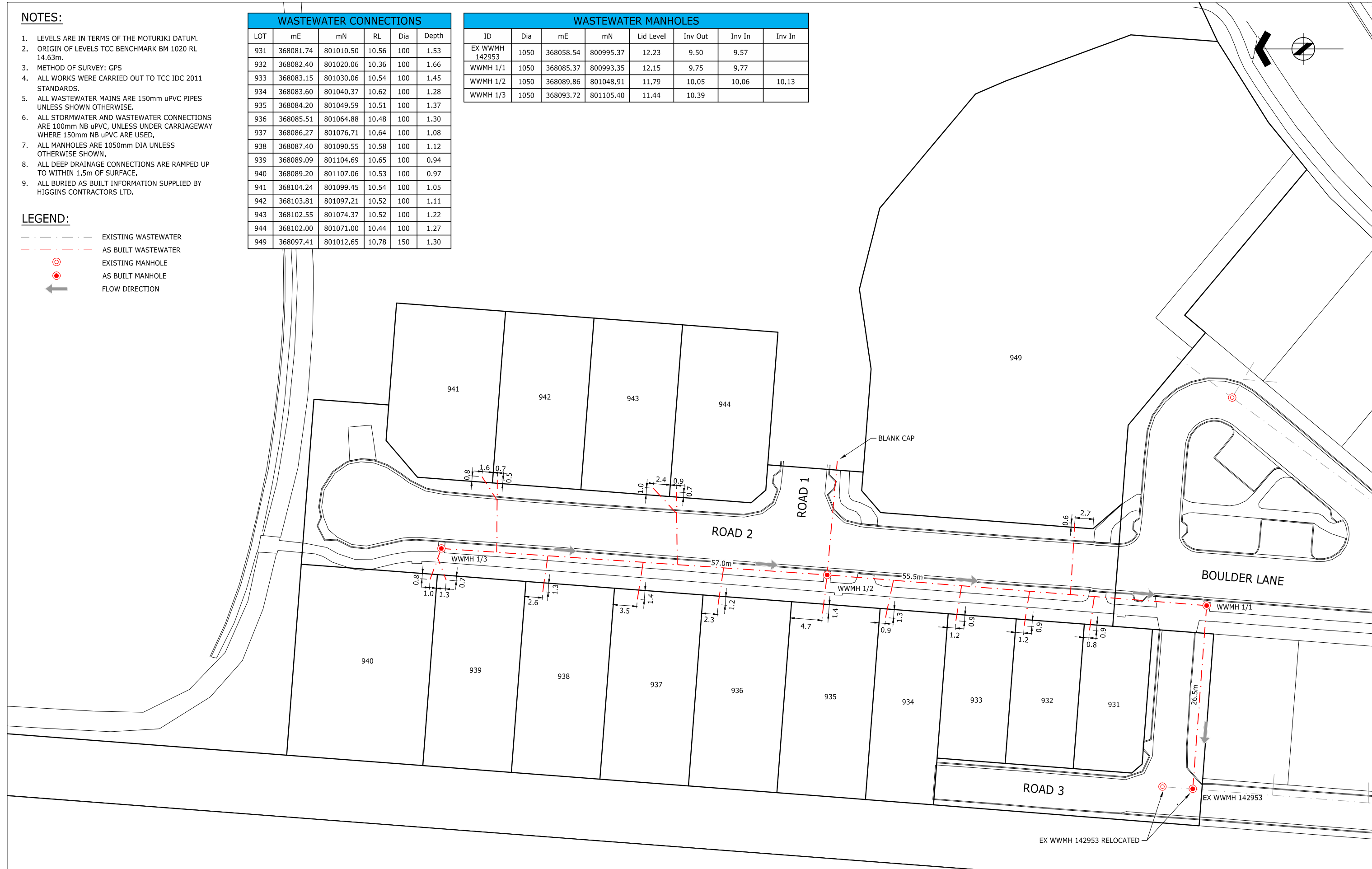
- LEVELS ARE IN TERMS OF THE MOTURIKI DATUM.
- ORIGIN OF LEVELS TCC BENCHMARK BM 1020 RL 14.63m.
- METHOD OF SURVEY: GPS
- ALL WORKS WERE CARRIED OUT TO TCC IDC 2011 STANDARDS.
- ALL WASTEWATER MAINS ARE 150mm uPVC PIPES UNLESS SHOWN OTHERWISE.
- ALL STORMWATER AND WASTEWATER CONNECTIONS ARE 100mm NB uPVC, UNLESS UNDER CARRIAGEWAY WHERE 150mm NB uPVC ARE USED.
- ALL MANHOLES ARE 1050mm DIA UNLESS OTHERWISE SHOWN.
- ALL DEEP DRAINAGE CONNECTIONS ARE RAMPED UP TO WITHIN 1.5m OF SURFACE.
- ALL BURIED AS BUILT INFORMATION SUPPLIED BY HIGGINS CONTRACTORS LTD.

**LEGEND:**

-  EXISTING WASTEWATER
-  AS BUILT WASTEWATER
-  EXISTING MANHOLE
-  AS BUILT MANHOLE
-  FLOW DIRECTION

WASTEWATER CONNECTIONS					
LOT	mE	mN	RL	Dia	Depth
931	368081.74	801010.50	10.56	100	1.53
932	368082.40	801020.06	10.36	100	1.66
933	368083.15	801030.06	10.54	100	1.45
934	368083.60	801040.37	10.62	100	1.28
935	368084.20	801049.59	10.51	100	1.37
936	368085.51	801064.88	10.48	100	1.30
937	368086.27	801076.71	10.64	100	1.08
938	368087.40	801090.55	10.58	100	1.12
939	368089.09	801104.69	10.65	100	0.94
940	368089.20	801107.06	10.53	100	0.97
941	368104.24	801099.45	10.54	100	1.05
942	368103.81	801097.21	10.52	100	1.11
943	368102.55	801074.37	10.52	100	1.22
944	368102.00	801071.00	10.44	100	1.27
949	368097.41	801012.65	10.78	150	1.30

WASTEWATER MANHOLES							
ID	Dia	mE	mN	Lid Level	Inv Out	Inv In	Inv In
EX WWMH 142953	1050	368058.54	800995.37	12.23	9.50	9.57	
WWMH 1/1	1050	368085.37	800993.35	12.15	9.75	9.77	
WWMH 1/2	1050	368089.86	801048.91	11.79	10.05	10.06	10.13
WWMH 1/3	1050	368093.72	801105.40	11.44	10.39		



ORIGINATOR:	TSC	DATE:	09.12.15	SIGNED:		HEH
DRAWN:	HEH	DATE:	09.12.15	SIGNED:		
CHECKED:	TSC	DATE:	21.12.15	SIGNED:		
APPROVED:	GPR	DATE:	21.12.15	SIGNED:		
BY:	GPR	DATE:	21.12.15	SIGNED:		

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

**HG**

PROJECT: THE LAKES (2012) LIMITED, TAURANGA

**Central**

THE LAKES (2012) LIMITED, TAURANGA

TITLE: STAGE 2P2  
WASTEWATER RETICULATION AS BUILT PLAN  
TCC IP 24551

ISSUE STATUS:	AS BUILT	
PROJECT No:	1510-137878-01	SCALES: 1:250 - A1 1:500 - A3
DRAWING No:	137878-AB200	
REV	B	