



WASTEWATER PUMP STATION  
 WWPS163 REFER TO SHEETS  
 139970-AB701-AB752 FOR  
 DETAILS

**NOTES:**

1. LEVELS ARE IN TERMS OF THE MOTURIKI DATUM.
2. COORDINATES ARE IN TERMS OF BAY OF PLENTY 2000 CIRCUIT.
3. ORIGIN OF LEVELS TCC BENCHMARK BM 1343 RL 57.59m.
4. METHOD OF SURVEY: GPS
5. ALL WORKS WERE CARRIED OUT TO TCC IDC 2011 STANDARDS.
6. ALL WASTEWATER MAINS ARE 150mm uPVC PIPES UNLESS SHOWN OTHERWISE.
7. ALL WASTEWATER MAINS ARE SN16 UNLESS SHOWN OTHERWISE.
8. ALL STORMWATER AND WASTEWATER CONNECTIONS ARE 100mm NB uPVC, UNLESS UNDER CARRIAGEWAY WHERE 150mm NB uPVC ARE USED.
9. ALL MANHOLES ARE 1050mm DIA UNLESS OTHERWISE SHOWN.
10. ALL DEEP DRAINAGE CONNECTIONS ARE RAMPED UP TO WITHIN 1.5m OF SURFACE.
11. ALL BURIED AS BUILT INFORMATION SUPPLIED BY HIGGINS CONTRACTORS LTD.

**LEGEND:**

- AS BUILT WASTEWATER
- AS BUILT RISING MAIN
- EXISTING WASTEWATER
- AS BUILT WASTEWATER CONNECTION
- AS BUILT MANHOLE
- EXISTING MANHOLE
- AS BUILT RODDING EYE
- FLOW DIRECTION

ORIGINATOR:	DATE:	SIGNED:	PLLOT BY:
TCH	22.12.17		TRS
DRAWN:	DATE:	SIGNED:	PLLOT DATE:
PSJ	22.12.17		18.01.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
TCH	18.01.18		-
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
TCH	22.12.17		-
BY	DATE	GPR	18.01.18

ASSOCIATION OF CONSULTING ENGINEERS  
 NEW ZEALAND  
 ISO 9001 QUALITY ASSURED

**HG**  
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 W www.harrissongrierson.com

PROJECT: **Summit**  
 THE LAKES (2012) LIMITED

TITLE: **STAGE 3I  
 WASTEWATER RETICULATION AS BUILT PLAN  
 SHEET 2  
 TCC IP 101782**

ISSUE STATUS:	<b>FINAL AS BUILT</b>	
PROJECT No:	1520-139618-01	SCALE: 1:500 - A1
DRAWING No:	139618-AB202	1:1000 - A3
REV		<b>B</b>

REFER TO APPROVED MASTER DRAWINGS FOR ORIGINAL SIGNATURES File: TAURANGA N:\1520\139618\_A LAKES 3I\CAD\AS BUILTS\139618-AB201-203 (3I WASTEWATER).DWG