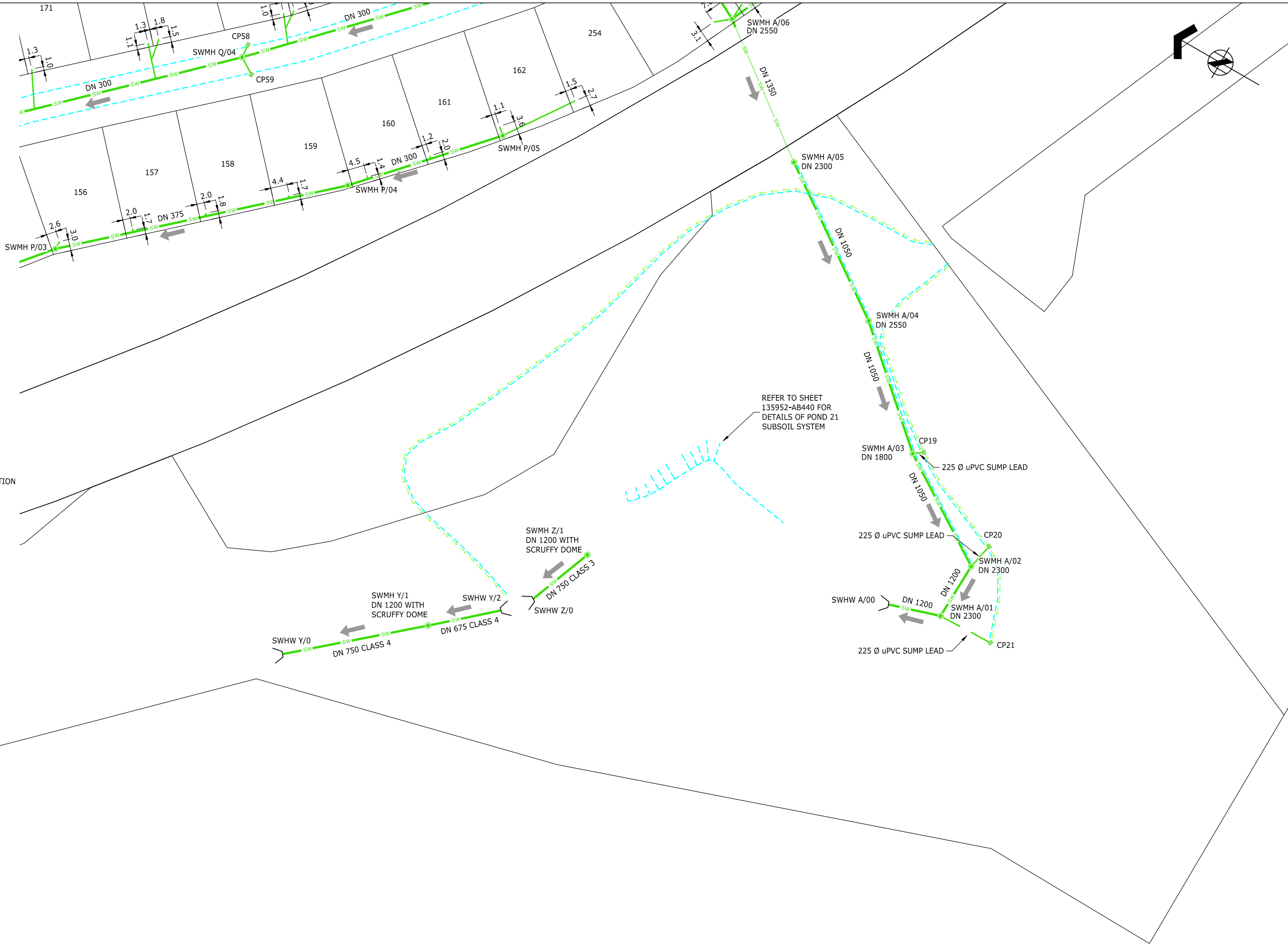


**NOTES:**

1. LEVELS ARE IN TERMS OF THE MOTURIKI DATUM.
2. ORIGIN OF LEVELS TCC BENCHMARK BM 1069 RL 42.220m.
3. METHOD OF SURVEY: GPS
4. ALL WORKS WERE CARRIED OUT TO TCC IDC 2011 STANDARDS.
5. ALL STORMWATER AND WASTEWATER CONNECTIONS ARE 100mm NB uPVC, UNLESS UNDER CARRIAGEWAY WHERE 150mm NB uPVC ARE USED.
6. SUMP LEADS ARE 300mm NB uPVC UNLESS OTHERWISE SHOWN, EXCEPT FOR R.O.W SUMP LEADS WHICH ARE 150mm NB uPVC.
7. ALL MANHOLES ARE 1050mm DIA UNLESS OTHERWISE SHOWN.
8. ALL STORMWATER PIPES ARE RCRRJ PIPES UNLESS OTHERWISE STATED.
9. ALL CONCRETE PIPES ARE CLASS 2 UNLESS OTHERWISE STATED.
10. ALL DEEP DRAINAGE CONNECTIONS ARE RAMPED UP TO WITHIN 1.5m OF SURFACE.
11. ALL SUBSOILS ARE OPTIM uPVC UNLESS SHOWN OTHERWISE.
12. ALL SUBSOILS ARE 100mm Ø UNLESS SHOWN OTHERWISE
13. SUMPS WITHIN RIGHTS OF WAY ARE 450x450 SUMPS.
14. SWRE REFERS TO A STANDARD RODDING EYE.
15. ALL BURIED AS BUILT INFORMATION SUPPLIED BY HIGGINS CONTRACTORS LTD.
16. LINE A/2 - A/3 INCLUDES CONCRETE BULKHEADS AT 5.60m CENTRES AND LINE A/3 - A/4 INCLUDES CONCRETE BULKHEADS AT 5.00m CENTRES.
17. HP REFERS TO HIGH CAPACITY SUMPS (HUSH PITS).
18. THE FOLLOWING SUMPS ARE 1.8m DEEP: CP15, CP16, CP17, CP18, CP66, CP70, CP71.

**LEGEND:**

- AS BUILT MANHOLE
- EXISTING MANHOLE
- AS BUILT RODDING EYE
- AS BUILT STORMWATER
- EXISTING STORMWATER
- AS BUILT STORMWATER CONNECTION
- AS BUILT SUMP
- EXISTING SUMP
- AS BUILT DOUBLE SUMP
- EXISTING DOUBLE SUMP
- AS BUILT ROW SUMP
- FLOW DIRECTION
- AS BUILT SUBSOIL DRAINAGE
- AS BUILT RIP RAP DRAIN
- HEAD WALL



<table border="1"> <tr> <td>ORIGINATOR:</td> <td>DATE:</td> <td>SIGNED:</td> <td>PLOT BY:</td> </tr> <tr> <td>RXD</td> <td>28.04.16</td> <td>HEH</td> <td>HEH</td> </tr> <tr> <td>DRAWN:</td> <td>DATE:</td> <td>SIGNED:</td> <td>PLOT DATE:</td> </tr> <tr> <td>HEH</td> <td>28.04.16</td> <td></td> <td>31.05.16</td> </tr> <tr> <td>CHECKED:</td> <td>DATE:</td> <td>SIGNED:</td> <td>SURVEY BY:</td> </tr> <tr> <td>GPR</td> <td>30.05.16</td> <td></td> <td></td> </tr> <tr> <td>APPROVED:</td> <td>DATE:</td> <td>SIGNED:</td> <td>SURVEY DATE:</td> </tr> <tr> <td>GPR</td> <td>18.05.16</td> <td></td> <td></td> </tr> <tr> <td>BY</td> <td>DATE</td> <td>GPR</td> <td>30.05.16</td> </tr> </table>		ORIGINATOR:	DATE:	SIGNED:	PLOT BY:	RXD	28.04.16	HEH	HEH	DRAWN:	DATE:	SIGNED:	PLOT DATE:	HEH	28.04.16		31.05.16	CHECKED:	DATE:	SIGNED:	SURVEY BY:	GPR	30.05.16			APPROVED:	DATE:	SIGNED:	SURVEY DATE:	GPR	18.05.16			BY	DATE	GPR	30.05.16	<p>ASSOCIATION OF CONSULTING ENGINEERS NEW ZEALAND</p> <p>ISO 9001 QUALITY ASSURED</p> <p>TAURANGA OFFICE LEVEL 1 HARRISON GRIERSON HOUSE 141 CAMERON ROAD TAURANGA 3110 T +64 7 578 0023 W www.harrisongrierson.com</p>	<p>PROJECT:</p> <p><b>Summit</b></p> <p>THE LAKES (2012) LIMITED, TAURANGA</p>	<p>TITLE:</p> <p>STAGES 3CD STORMWATER RETICULATION AS BUILT PLAN SHEET 5 TCC IP 101665</p>	<p>ISSUE STATUS:</p> <p>AS BUILT</p> <table border="1"> <tr> <td>PROJECT No:</td> <td>1520-137966-01</td> <td>SCALES:</td> <td>1:500 - A1 1:1000 - A3</td> <td>A1</td> </tr> <tr> <td>DRAWING No:</td> <td>137966-AB105</td> <td>REV</td> <td></td> <td>B</td> </tr> </table>	PROJECT No:	1520-137966-01	SCALES:	1:500 - A1 1:1000 - A3	A1	DRAWING No:	137966-AB105	REV		B
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