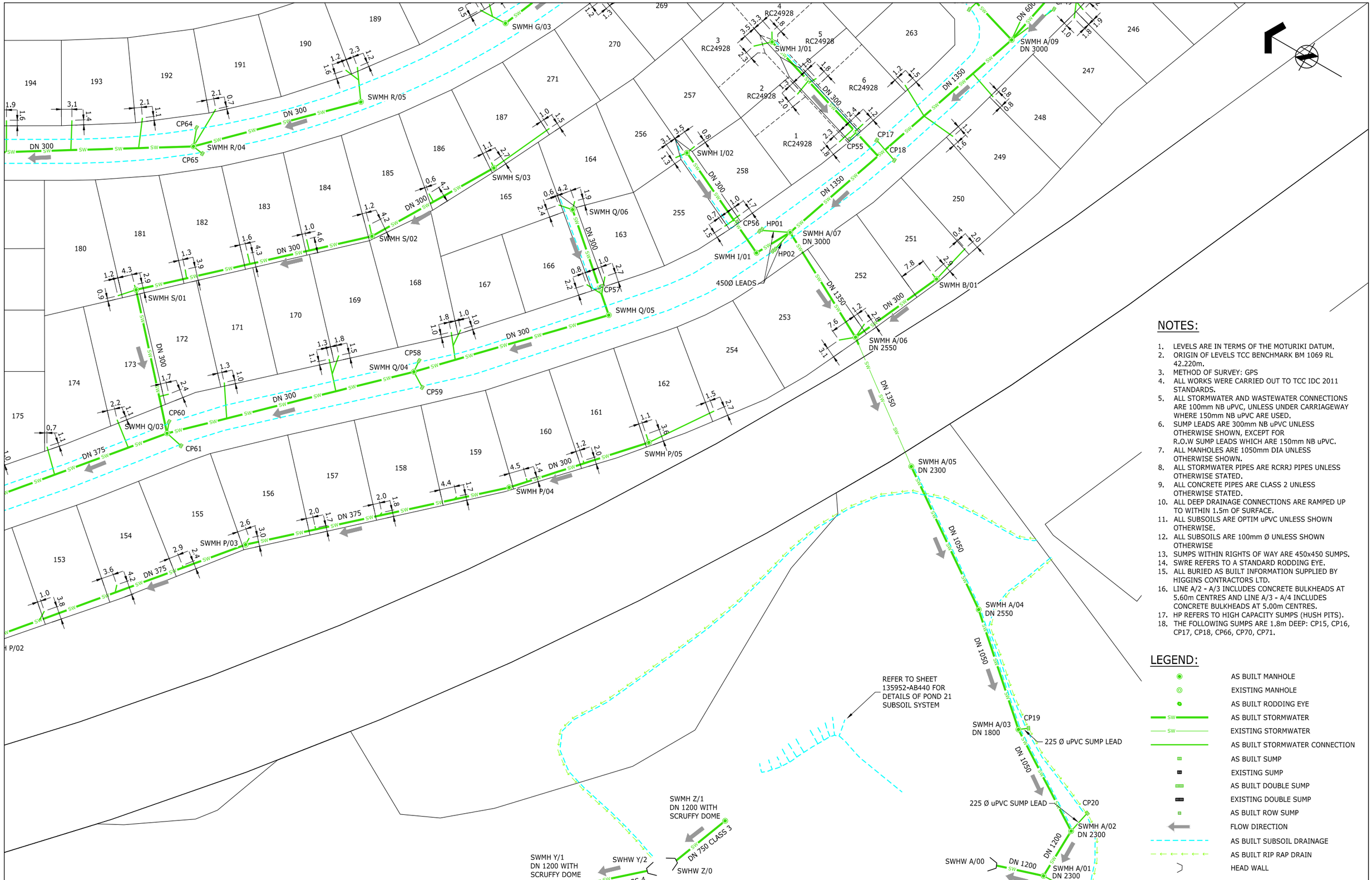

NOTES:

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

REF	REVISIONS	BY	DATE
B	AS BUILT FINAL	GPR	30.05.16
A	AS BUILT DRAFT	GPR	18.05.16

ORIGINATOR: RXD	DATE: 28.04.16	SIGNED:	PLOT BY: HEH
DRAWN: HEH	DATE: 28.04.16	SIGNED:	PLOT DATE: 31.05.16
CHECKED: GPR	DATE: 30.05.16	SIGNED:	SURVEY BY:
APPROVED: GPR	DATE: 30.05.16	SIGNED:	SURVEY DATE:

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.harrisongrierson.com

PROJECT:
Summit
THE LAKES (2012) LIMITED, TAURANGA

TITLE:
STAGES 3CD
STORMWATER RETICULATION AS BUILT PLAN
SHEET 3
TCC IP 101665

ISSUE STATUS: AS BUILT

PROJECT No: 1520-137966-01

SCALES: 1:500 - A1, 1:1000 - A3

A1

DRAWING No: 137966-AB103

REV B