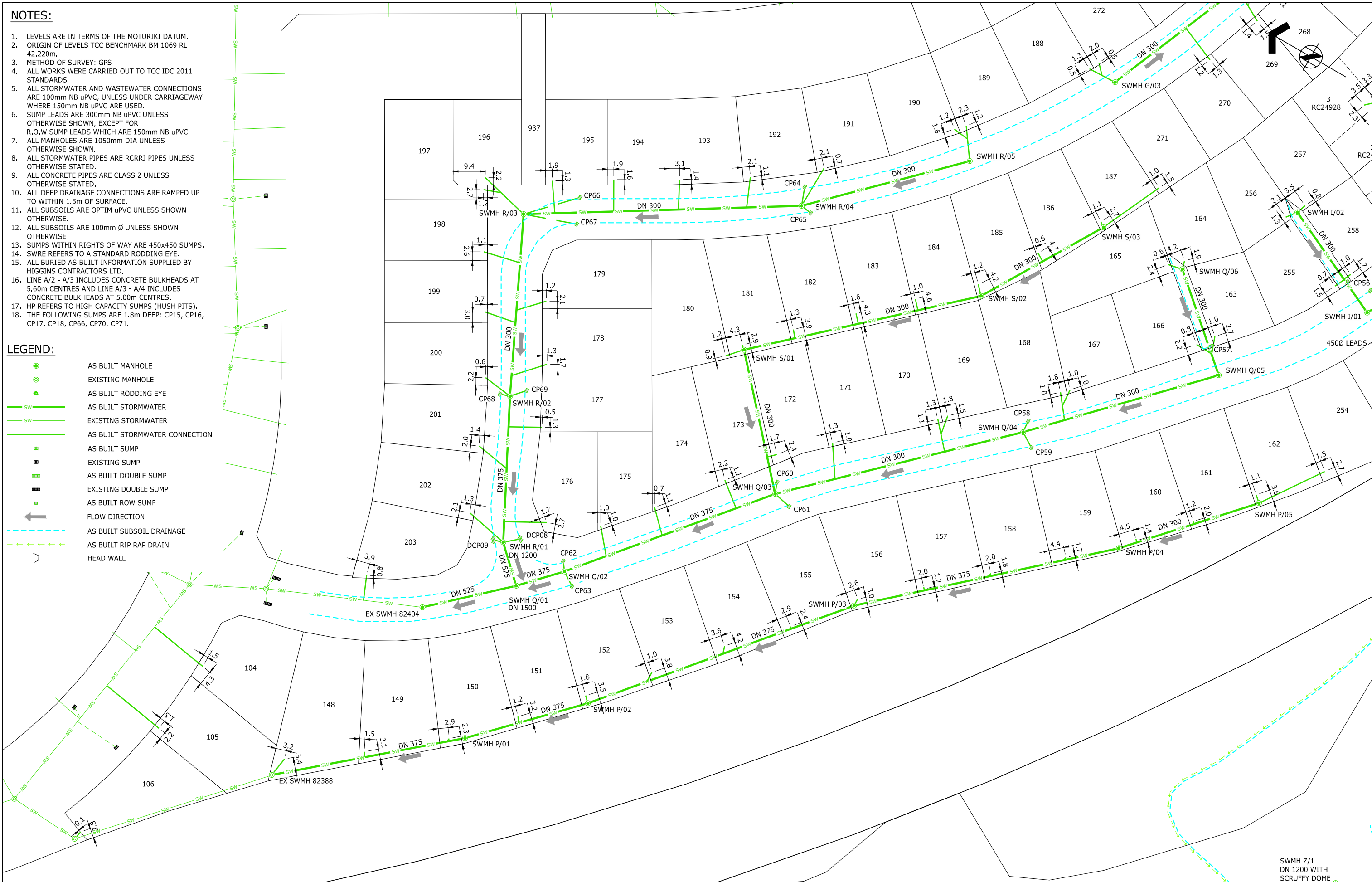


NOTES:

- LEVELS ARE IN TERMS OF THE MOTURIKI DATUM.
- ORIGIN OF LEVELS TCC BENCHMARK BM 1069 RL 42.220m.
- METHOD OF SURVEY: GPS
- ALL WORKS WERE CARRIED OUT TO TCC IDC 2011 STANDARDS.
- ALL STORMWATER AND WASTEWATER CONNECTIONS ARE 100mm NB uPVC, UNLESS UNDER CARRIAGEWAY WHERE 150mm NB uPVC ARE USED.
- SUMP LEADS ARE 300mm NB uPVC UNLESS OTHERWISE SHOWN, EXCEPT FOR R.O.W SUMP LEADS WHICH ARE 150mm NB uPVC.
- 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 OPTIM uPVC UNLESS SHOWN OTHERWISE.
- ALL SUBSOILS ARE 100mm Ø UNLESS SHOWN OTHERWISE
- SUMPS WITHIN RIGHTS OF WAY ARE 450x450 SUMPS.
- SWRE REFERS TO A STANDARD RODDING EYE.
- ALL BURIED AS BUILT INFORMATION SUPPLIED BY HIGGINS CONTRACTORS LTD.
- 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.
- HP REFERS TO HIGH CAPACITY SUMPS (HUSH PITS).
- 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



ORIGINATOR: RXD DATE: 28.04.16 DRAWN: HEH DATE: 28.04.16 CHECKED: GPR DATE: 30.05.16 APPROVED: GPR DATE: 30.05.16		PLOT BY: HEH PLOT DATE: 31.05.16 SURVEY BY: HEH 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 4 TCC IP 101665		ISSUE STATUS: AS BUILT PROJECT No: 1520-137966-01 DRAWING No: 137966-AB104 SCALES: 1:500 - A1 1:1000 - A3 REV: B	
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REF	REVISIONS	BY	DATE
B	AS BUILT FINAL	GPR	30.05.16
A	AS BUILT DRAFT	GPR	18.05.16

SWMH Z/1
DN 1200 WITH
SCRUFFY DOME