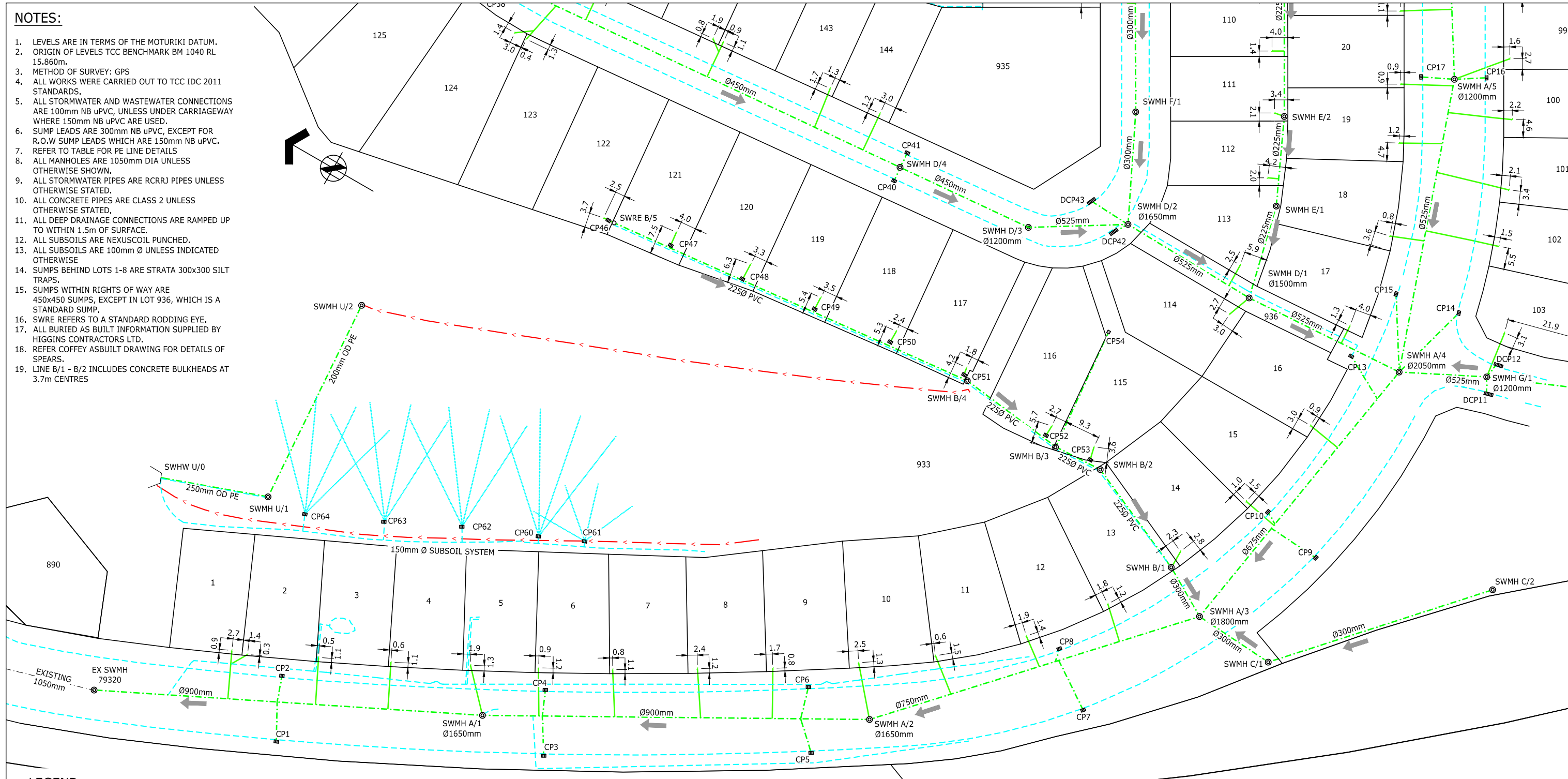


NOTES:

- LEVELS ARE IN TERMS OF THE MOTURIKI DATUM.
- ORIGIN OF LEVELS TCC BENCHMARK BM 1040 RL 15.860m.
- 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, EXCEPT FOR R.O.W SUMP LEADS WHICH ARE 150mm NB uPVC.
- REFER TO TABLE FOR PE LINE DETAILS
- 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 NEXUSCOIL PUNCHED.
- ALL SUBSOILS ARE 100mm Ø UNLESS INDICATED OTHERWISE
- SUMPS BEHIND LOTS 1-8 ARE STRATA 300x300 SILT TRAPS.
- SUMPS WITHIN RIGHTS OF WAY ARE 450x450 SUMPS, EXCEPT IN LOT 936, WHICH IS A STANDARD SUMP.
- SWRE REFERS TO A STANDARD RODDING EYE.
- ALL BURIED AS BUILT INFORMATION SUPPLIED BY HIGGINS CONTRACTORS LTD.
- REFER COFFEY ASBUILT DRAWING FOR DETAILS OF SPEARS.
- LINE B/1 - B/2 INCLUDES CONCRETE BULKHEADS AT 3.7m CENTRES



LEGEND:

- EXISTING LINE
- STORMWATER CONNECTION
- SUMP
- DOUBLE SUMP
- ROW SUMP
- MANHOLE
- RODDING EYE
- FLOW DIRECTION
- SUBSOIL DRAINAGE
- SPEARS
- LINED DRAIN
- HEAD WALL

PE PIPE DIMENSIONS				
LINE	SIZE	STANDARD DIMENSION RATIO	MATERIAL	PRESSURE RATING
EX 79304 - J/1	250mm OD	SDR17	PE100	PN10
J/1 - CP 58	250mm OD	SDR17	PE100	PN10
CP58 - CP59	200mm OD	SDR11	PE100	PN10
U/0 - U/1	250mm OD	SDR11	PE100	PN10
U/1 - U/2	200mm OD	SDR17	PE100	PN10
QRV DISCHARGE	63mm OD	SDR17	PE80	PN9

ORIGINATOR: RXD DRAWN: HEH CHECKED: GPR APPROVED: DGN	DATE: 21.04.15 DATE: 21.04.15 DATE: 21.04.15 DATE: 21.04.15	SIGNED: [Signature] SIGNED: [Signature] SIGNED: [Signature] SIGNED: [Signature]	PLOT BY: HEH PLOT DATE: 30.04.15	SURVEY BY: [Name] SURVEY DATE: [Date]	ASSOCIATION OF CONSULTING ENGINEERS NEW ZEALAND THIS DRAWING AND DESIGN REMAINS THE PROPERTY OF, AND MAY NOT BE REPRODUCED OR ALTERED, WITHOUT THE WRITTEN PERMISSION OF HARRISON GRIERSON CONSULTANTS LIMITED. NO LIABILITY SHALL BE ACCEPTED FOR UNAUTHORISED USE OF THIS DRAWING.	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) LTD, TAURANGA	TITLE: STAGES 3AB STORMWATER RETICULATION AS BUILT PLAN SHEET 1 TCC IP 101574	ISSUE STATUS: AS BUILT	
									REF REVISIONS	PROJECT No: 1520-135959-01 DRAWING No: 135959-AB100