



- 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

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

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

ORIGINATOR: RXD DRAWN: HEH CHECKED: GPR APPROVED: RXD DATE: 21.04.15 DATE: 21.04.15 DATE: 21.04.15 DATE: 21.04.15	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: [Signature] SURVEY DATE:	ASSOCIATION OF CONSULTING ENGINEERS NEW ZEALAND ISO 9001 QUALITY ASSURED	TAUANGA 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 2 TCC IP 101574	ISSUE STATUS: AS BUILT PROJECT No: 1520-135959-01 DRAWING No: 135959-AB101 SCALES: 1:500 - A1 1:1000 - A3 A1 REV B
--	--	--	---	--	---	--	---	---

REF	REVISIONS	BY	DATE	DGN
B	AS BUILT FINAL	RXD	30.04.15	
A	AS BUILT DRAFT	RXD	21.04.15	