

LEGEND - PROPOSED

- S — GRAVITY SEWER ON 1.75m ALIGNMENT, UNLESS NOTED OTHERWISE
- S / — Ø110mm PROPERTY CONNECTION ON 1.20m ALIGNMENT, UNLESS NOTED OTHERWISE
- 1
1 PROPOSED MAINTENANCE HOLE OR MAINTENANCE STRUCTURE NUMBER. REFER LONG SECTION DRAWINGS FOR STRUCTURE DETAILS.
- S — MAINTENANCE HOLE / MAINTENANCE SHAFT
- 28 PROPOSED LOT NUMBER
- SW — PROPOSED STORMWATER DRAINAGE
- W — PROPOSED WATER RETICULATION MAIN
- 45.5 — PROPOSED FINISHED SURFACE CONTOURS (0.50m)
- 45 — PROPOSED FINISHED SURFACE CONTOURS (0.25m)
- — STAGE BOUNDARY

LEGEND - EXISTING

- SW — SW — EXISTING STORMWATER DRAINAGE
- S — S — EXISTING SEWERAGE RETICULATION
- TS — EXISTING TRUNK SEWERAGE RETICULATION
- W — W — EXISTING WATER RETICULATION
- 45.5 — EXISTING SURFACE CONTOURS (1.00m)
- 45 — EXISTING SURFACE CONTOURS (0.50m)

EXISTING PROPERTY CONNECTION DETAILS				
LOT No.	CONNECTION TYPE	PIPE IL	PC IL	QUU REF. NO.
258	C4	40.167	1.500	17-PNT-25692
226	C4	41.680	1.350	17-PNT-26250
227	C2	41.629	1.350	
228	C2	41.604	1.350	
229	C2	41.548	1.350	
265	A1	41.396	1.350	
266	A1	41.466	1.350	

FOR SEWERAGE RETICULATION NOTES REFER DWG C504.

DATE	REV	DESCRIPTION	LT	KH
14/09/18	A	ISSUED FOR APPROVAL		
			REC	APP

REVISIONS

Premise

BRISBANE OFFICE
 LEVEL 1, 100 BRUNSWICK STREET
 PO BOX 361
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DESIGNED: LEPEKA TU'AKOI
 CHECKED: RYAN LLEWLYN
 PROJECT MANAGER: KEITH HOWELLS
 ENGINEERING CERTIFICATION
 14/09/18
 KEITH HOWELLS RPEQ 7295

SCALE

 SCALE 1:500 (A1)
 ORIGINAL SHEET SIZE A1

CLIENT: BENCHMARK GROUP TC PTY LTD
 PROJECT: PROPOSED RESIDENTIAL SUBDIVISION - STAGES 3C & 3D
 LOCATION: ROHL ROAD AND KARRABIN-ROSEWOOD ROAD, WALLOON
 SHEET TITLE: SEWERAGE LAYOUT PLAN

JOB CODE: 17BNE-0244
 SHEET NUMBER: C501
 REV: A

MAINTENANCE HOLE / SHAFT NO.	1/17	HB1/40	HB2/40	1/40	HB3/40	HB4/40	2/40	3/40	4/40	1/40	1/41	3/40	HB1/42	E/42	1/43	2/43	E/43															
MH / MS COVER TYPE	B		HB	B			B	B	B	B	B	B			B		B															
MH / MS TYPE	F	HB	HB	G	HB	HB	MS	G	MS	G	B			TE	G		G															
MH DROP TYPE	C			C	A			A	A	A					A	A	A															
LINE NO.	17			41	40			42	40						44	43																
PROPERTY CONNECTION DEPTH	1.500	1.350	1.350					1.350	1.350	1.350	1.350				1.350	1.350	1.350															
PROPERTY CONNECTION INVERT LEVEL	40.167	40.577	40.710	40.762	40.894	40.986	41.147	41.237	41.350	41.626	41.640	41.666	41.687	41.635	41.635	41.615	41.502	41.541	41.496	41.451	41.350	41.350	41.350	41.350								
PROPERTY CONNECTION TYPE	C4	C2	C2	C2	C2	C2	C2	C2	C2	A1	A1	A1	A1	A1	C2	C2	C2	C2	C2	C2	C2	C2	C2	C2	C2							
PROPERTY CONNECTION CHAINAGE	1.355	17.223	31.220	45.223	10.694	22.617	36.617	50.617	64.617	24.471	24.471	30.116	44.062	50.971	50.971	58.070	65.871	75.951	84.511	84.511	18.543	18.543	18.543	20.954								
LOT NO.	258	257	256	255	282	283	284	285		286	287	FUT 5	FUT 4	288	289	FUT 3	290				311	264	263	310	309	300	301	308	307	306	305	305

LEGEND

MAINTENANCE STRUCTURE

G = QUU TYPE G MANHOLE
 MS = MAINTENANCE SHAFT
 HB = HORIZONTAL BEND
 TE = TEMPORARY END

COVER TYPES

B = CLASS B COVER
 D = CLASS D COVER

REFER SEQ WATER STD DWGS FOR DETAILS.



REFER SEWER RETICULATION NOTES ON DRAWING C500.

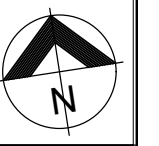
DATUM RL

PROPERTY DESCRIPTION	RR																				
PIPE SIZE (mm), CLASS	DN160 PE100 SDR21																				
GRADE (1 IN X)	180	180	180	180	180	180	180	100	100	100	100	100	100	100							
LENGTH	2.785	1.014	1.014	51.210	0.950	0.950	18.935	3.619	3.043	3.043	51.711	6.087	6.087	4.579	17.678	65.871					
EMBEDMENT TYPE	TYPE 3																				
DEPTH OF INVERT BELOW FSL	3.122	2.784	2.817	2.817	2.798	2.796	2.789	2.557	2.517	2.610	2.679	2.695	2.445	2.413	2.443	2.421	2.401	2.242	2.222	1.928	
INVERT LEVEL (IL)	38.545	38.883	38.899	38.904	38.910	39.195	39.200	39.205	39.310	39.350	39.386	39.417	39.447	39.964	40.025	40.086	40.132	40.152	40.329	40.349	41.007
FINISHED SURFACE LEVEL (FSL)	41.667	41.716	41.722	41.726	41.992	41.996	41.994	41.868	41.997	42.096	42.140	42.409	42.438	42.529	42.553	42.553	42.571	42.571	42.571	42.571	42.936
EXISTING SURFACE LEVEL (ESL)	40.097	40.112	40.117	40.124	40.398	40.412	40.426	40.721	40.723	40.735	41.546	41.686	41.765	41.845	42.073	42.073	42.073	42.073	42.073	42.073	42.474
CHAINAGE (CH)	0.000	TP 2.785	IP 3.799	TP 4.813	TP 56.024	IP 56.974	TP 57.924	76.859	TP 80.478	IP 85.522	TP 138.276	IP 144.363	TP 150.449	155.028	172.706	238.577					

PROPERTY DESCRIPTION	RR							
PIPE SIZE (mm), CLASS	DN160 PE100 SDR21							
GRADE (1 IN X)	100	100	100	100				
LENGTH	88.471	3.619	3.043	3.043	1.711	80.000	21.950	
EMBEDMENT TYPE	TYPE 3							
DEPTH OF INVERT BELOW FSL	2.557	2.057	2.242	2.162	1.998	1.840	1.761	1.741
INVERT LEVEL (IL)	39.310	39.810	40.329	40.409	40.445	40.475	40.506	40.523
FINISHED SURFACE LEVEL (FSL)	41.868	42.571	42.571	42.571	42.443	42.316	42.267	42.264
EXISTING SURFACE LEVEL (ESL)	40.721	41.868	42.073	42.073	42.082	42.101	42.139	42.165
CHAINAGE (CH)	0.000	88.471	TP 3.619	IP 6.662	TP 9.706	11.417		

LINE 40 41 42 43

		BRISBANE OFFICE LEVEL 1, 100 BRUNSWICK STREET PO BOX 361 FORTITUDE VALLEY, QLD 4006 PH: (07) 3253 2222 WEB: www.premise.com.au	DESIGNED LEPEKA TU'AKOI CHECKED RYAN LLEWLYN PROJECT MANAGER KEITH HOWELLS ENGINEERING CERTIFICATION 14/09/18 RPEQ 7295	SCALE HORIZONTAL 1:1000 (A1) VERTICAL 1:100 (A1) 	CLIENT BENCHMARK GROUP TC PTY LTD PROJECT PROPOSED RESIDENTIAL SUBDIVISION - STAGES 3C & 3D LOCATION ROHL ROAD AND KARRABIN-ROSEWOOD ROAD, WALLOON SHEET TITLE SEWERAGE LONGITUDINAL SECTIONS - SHEET 1	JOB CODE 17BNE-0244 SHEET NUMBER C502 REV A
14/09/18 DATE A REV ISSUED FOR APPROVAL DESCRIPTION REVISIONS	LT REC KH APP					



LIVE CONNECTION No. 2
 REMOVE EXISTING SCOUR AND DEAD END.
 INSTALL Ø180 PE APPROVED CONNECTOR

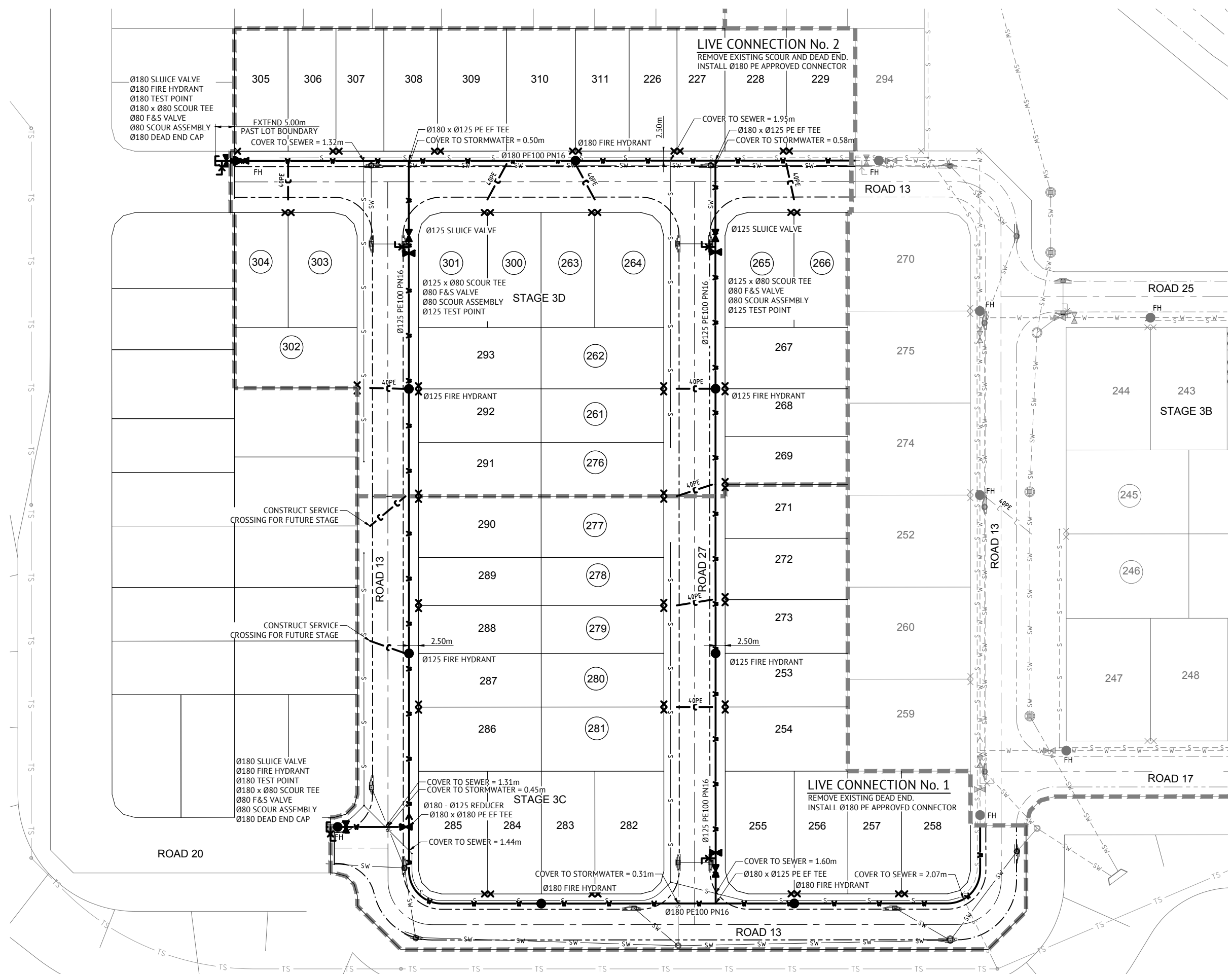
LEGEND - PROPOSED

- POTABLE WATERMAIN ON 2.5m ALIGNMENT U.N.O.
- POTABLE WATER RETICULATION CONDUIT (40 PE)
- POTABLE WATER METER LOCATION ON 0.3m ALIGNMENT U.N.O.
- SLUICE VALVE
- FIRE HYDRANT (FH)
- TEST POINT
- REDUCER
- SCOUR BRANCH
- DEAD END
- DEFLECTION TRUNCATIONS 5 DEGREES OR LESS
- 38 LOT NUMBER
- SW STORMWATER DRAINAGE
- S GRAVITY SEWER
- STAGE BOUNDARY

LEGEND - EXISTING

- W WATER MAIN
- W SLUICE VALVE
- FH, W FIRE HYDRANT
- W TEST POINT
- W REDUCER
- W SCOUR BRANCH
- W DEAD END
- W WATER METER
- C POTABLE WATER RETICULATION CONDUIT
- SW STORMWATER DRAINAGE
- S GRAVITY SEWERAGE RETICULATION
- TS TRUNK SEWERAGE RETICULATION

FOR WATER RETICULATION NOTES REFER DWG C600.



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 RPEQ 7295

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 ORIGINAL SHEET SIZE A1

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BENCHMARK GROUP TC PTY LTD
 PROJECT
PROPOSED RESIDENTIAL SUBDIVISION - STAGES 3C & 3D
 LOCATION
ROHL ROAD AND KARRABIN-ROSEWOOD ROAD, WALLOON
 SHEET TITLE
WATER RETICULATION LAYOUT PLAN

JOB CODE
17BNE-0244
 SHEET NUMBER
C601
 REV
A