

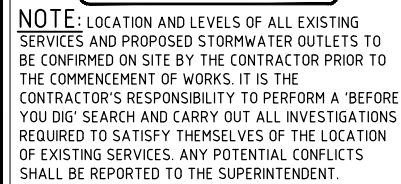
1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT TOWNSVILLE CITY COUNCIL SPECIFICATIONS, STANDARD DRAWINGS AND RELEVANT AUSTRALIAN STANDARDS.
2. UPVC SEWERS SHALL BE CLASS SN10 (Ø100) & SN8 (Ø150/225/300) TO A.S.1260. DICL SEWERS SHALL BE CLASS 'K12' TO A.S. 2280 AND POLYETHYLENE SLEEVED.
3. THE CONSTRUCTION OF SEWERAGE WORK SHOWN ON THIS DRAWING SHALL BE SUPERVISED BY AN ENGINEER WHO HAS RPEQ/NER REGISTRATION. SEWERAGE WORKS NOT COMPLYING WITH THIS REQUIREMENT WILL NOT BE PERMITTED TO CONNECT INTO THE LOCAL AUTHORITY'S SEWERAGE SYSTEM.
4. EACH ALLOTMENT SHALL BE SERVED BY A Ø100mm PROPERTY CONNECTION.
5. OBLIQUE JUNCTION BRANCHES SHALL BE LOCATED 15m FROM THE DOWNSTEAM PROPERTY ALIGNMENT. IF THIS IS NOT POSSIBLE, OBLIQUE JUNCTION BRANCHES SHALL NOT BE GREATER THAN 3.5m FROM THE DOWNSTEAM PROPERTY ALIGNMENT.
6. WHERE PIPES ARE LAID IN FILL, THE FILLING SHALL BE CARRIED OUT IN LAYERS NOT EXCEEDING 150mm (COMPACTED) IN DEPTH AND SHALL BE COMPACTED UNTIL THE COMPACTION IS NOT LESS THAN 95% OF THE MATERIALS COMPACTION WHEN TESTED IN ACCORDANCE WITH A.S. 1289 (MODIFIED COMPACTION). TESTING SHALL BE CARRIED OUT AFTER EACH ALTERNATE LAYER.
7. IN ALL SUCH CASES, APPROVAL OF CONSTRUCTED SEWERS WILL NOT BE ISSUED BY THE LOCAL AUTHORITY UNLESS CERTIFICATES ARE PRODUCED CERTIFYING THAT THE REQUIRED COMPACTION HAS BEEN ACHIEVED.
8. WHERE SEWERS HAVE A GRADE OF 1 IN 6 OR STEEPER, BULKHEADS SHALL BE CONSTRUCTED. REFER TO STANDARD DRAWING SEQ-SEW-1206-1.
9. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF EXISTING SERVICES WITH RELEVANT AUTHORITIES BEFORE WORKS COMMENCE.
10. FINISHED SURFACE LEVELS SHOWN ON LONGITUDINAL SECTIONS ARE INDICATIVE ONLY AND MAINTENANCE HOLE LIDS SHALL BE FINISHED TO THE HEIGHTS ABOVE FSL AS SHOWN ON STANDARD DRAWING SEQ-SEW-1308-1.
11. ALL IN-SITU MAINTENANCE HOLES MUST BE CONSTRUCTED USING INNER & OUTER FORMWORK. MAINTENANCE HOLES NOT BUILT TO THIS REQUIREMENT WILL BE REJECTED.
12. CONTRACTOR SHALL VERIFY FINISHED SURFACE LEVELS ON SITE BEFORE CONSTRUCTION OF SEWERS AND PROPERTY CONNECTION BRANCHES.
13. INSTALLATION AND COMPACTION OF TRENCH BACKFILL IS TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH THE PROJECT SPECIFICATION
14. PROPERTY CONNECTIONS CROSSING UNDERGROUND ELECTRICITY ALLOCATION TO HAVE A MINIMUM OF 1.0m COVER.
15. BACKFILL ROAD CROSSINGS WITH CRUSHER DUST COMPACTED TO NOT LESS THAN 95% OF THE STANDARD MAX. DRY DENSITY TO A.S. 1289, INCLUDING FUTURE ROAD CROSSINGS.
16. SEWER STRUCTURES ARE LOCATED 15m FROM THE PROPERTY BOUNDARIES UNLESS NOTED OTHERWISE.
17. PIPE EMBEDMENT SHALL BE IN ACCORDANCE WITH 'TYPE 3 SUPPORT' AS DETAILED ON STANDARD DRAWING SEQ-SEW-1201-1.
18. MANHOLE COVERS SHALL BE EITHER TYPE B OR TYPE D IN ACCORDANCE WITH TOWNSVILLE CITY COUNCIL STANDARD DRAWINGS.

ALL 'LIVE' CONNECTION WORKS FOR SEWER SHALL BE COMPLETED BY
TOWNSVILLE CITY COUNCIL AT THE DEVELOPER'S EXPENSE.

PROPERTY CONNECTIONS HAVE BEEN DESIGNED TO CONTROL THE REQUIRED SERVICE AREA OF EACH LOT AT A GRADE OF 1:60 AND A MAXIMUM DEPTH OF PROPERTY CONNECTION AT 1.0m. UNLESS OTHERWISE NOTED.

MAXIMUM DEPTH OF POINT OF CONNECTION FOR VERTICAL (JUMP UP) IS
1500mm FROM EXISTING SURFACE LEVEL.

PROPERTY CONNECTION POINTS AT THE ENDS OF PROPERTY CONNECTION SEWERS SHALL BE MARKED WITH A 50mm x 40mm x 200mm YELLOW PAINTED PEG LOCATED ABOVE THE PROPERTY CONNECTION END CAP WITH THE TOP OF THE MARKER PEG 50mm ABOVE THE FINISH SURFACE LEVEL. AN APPROVED BROWN PLASTIC TAPE 50mm WIDE SHALL BE ATTACHED TO THE END CAP AND BROUGHT VERTICALLY TO THE SURFACE AND STAPLED TO THE MARKER PEG.



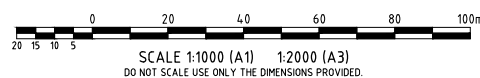
ALL CONSTRUCTION WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE QUEENSLAND WORK HEALTH AND SAFETY ACT 2011. CONTACT THE DIVISION OF WORKPLACE HEALTH AND SAFETY QUEENSLAND FOR INFORMATION.

TEL: 1300 362 128 WEB: www.worksafe.qld.gov.au

	TYPE A DIRECT CONN. ($<0.5\text{m}$)
	TYPE B SLOPE-UP ($>0.46\text{m}$)
	TYPE D JUMP-UP ($>0.46\text{m}$)
	TYPE V DIRECT CONN. MH ($<200\text{mm}$)
	TYPE W DIRECT CONN. MH ($200-460\text{mm}$)
	TYPE X INTERNAL DROP ($>600\text{mm}$)

Accepted Subject to Conditions

OPW25/0092
08/09/2025



class 4.6

Date 18/8/2025

Registered Accreditation

Somers & Hervey
ESTATE
URBEX



Client	URBEX 118 PTY LTD
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Project **SOMERS & HERVEY PRECINCT 2 - 4A, 4B, 4AA & 4AB**

Title	SEWERAGE RETICULATION LOCALITY PLAN AND NOTES
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<i>Datum</i> AHD PSM 114264 RL 19.281 (MGA) COORD	
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NOT FOR CONSTRUCTION	
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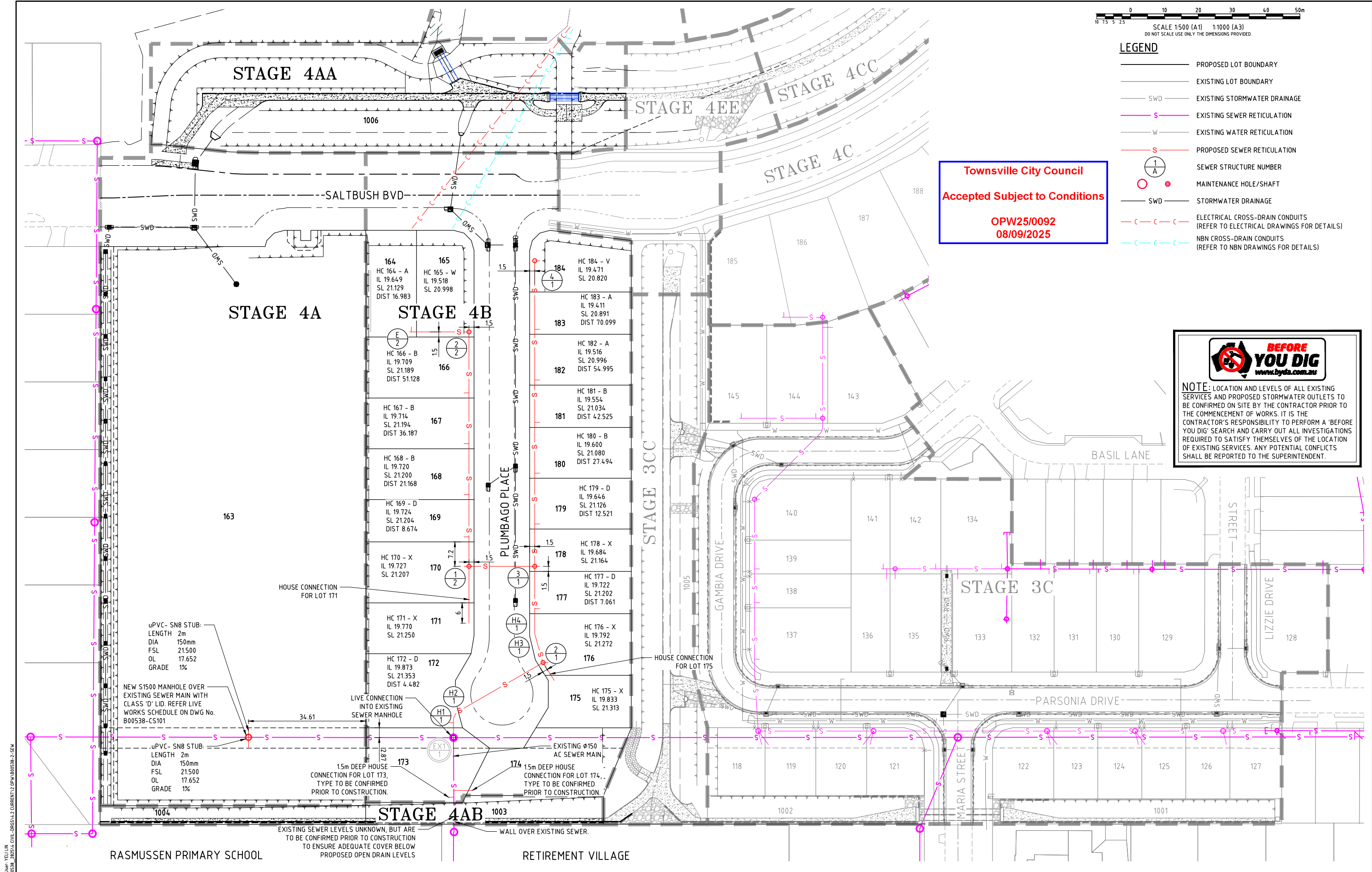
Project No.	Drawing No.	Rev
B00538-CS101		B



LOCALITY PLAN
SCALE 1:1000

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ENGINEERING CERTIFICATION				
C	AMEND LOCATION OF ELECTRICAL AND NBN CONDUITS	YL	YL	CH
B	MINOR CHANGE	YL	YL	CH
A	ORIGINAL ISSUE	EK	PDW	CH
No.	Amendments	Drawn	Design	Design Chk
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Somers & Hervey
ESTATE
URBEX

12732

Registered Accreditation

EMPOWER

Client

Project

Title

Client

Project

Title

URBEX 118 PTY LTD

SOMERS & HERVEY PRECINCT 2 - 4A, 4B, 4AA & 4AB

SEWERAGE RETICULATION LAYOUT PLAN

Datum

PSM

RL

(MGA) COORD

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Project No.

Drawing No.

Rev

