



SCALE 1:5000

NAME OF ESTATE		1 BARCREST DRIVE, CLAY GULLY ROAD					
NAME OF ESTA	E.	VICTORIA POINT					
SUBDIVIDER		ORCHARD (BARCREST) DEVELOPMENTS PTY LTD					
APPLICATION No	•	OPW24/0043.01					
SP DELEGATE A	PPROVAL DATE	14/11/2024 CW23084-S01-S06					
DRAWING/PLAN	No.						
No. OF ALLOTS.							
AREA IN ha.		0.6235					
LENGTH	Ø 100 uPVC	42.350 45.016					
OF SEWER	Ø 150 uPVC	407.00 519.774					

ENGINEER'S CERTIFICATION

1. The information contained in this draving / document is in compliance with approved dravings and design.
2. The new vater and severage works defined by this drawing have been designed and constructed in accordance with the SEQ Code.
3. This represents an accurate record of as-constructed works.
4. I accept responsibility for the information contained in this drawing / document.

WHEN WORKING WITHIN 4m OF TREES, RUBBER OR HARDWOOD GIRDLES SHALL BE CONSTRUCTED WITH 1.8m BATTENS CLOSELY SPACED AND ARRANGED VERTICALLY FROM GROUND LEVEL. GIRDLES SHALL BE STRAPPED TO TREES

TREE ROOTS SHALL BE TUNNELLED UNDER RATHER THAN SEVERED, IF ROOTS

ARE SEVERED THE DAMAGED AREA SHALL BE TREATED WITH A SUITABLE FUNGICIDE. CONTACT RELEVANT COUNCIL ARBORIST FOR FURTHER ADVICE.

ANY TREE LOPPING REQUIRED SHOULD BE UNDERTAKEN BY AN APPROVED ARBORIST.

APPROPRIATE SEDIMENT CONTROLS SHALL BE USED TO PREVENT SEDIMENT

50 100 150 200 250m 0 2 4 6

PRIOR TO CONSTRUCTION AND REMAIN UNTIL COMPLETION.

CONTROLS AROUND STOCKPILES.

FROM ENTERING THE CREEK

QUEENSLAND LEGISLATION.

REINSTATED.

PEQ (signature) RPEQ No. Date:

- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT SOUTH EAST QUEENSLAND SEWERAGE CODE SPECIFICATIONS AND STANDARDS.
- UNLESS SPECIFIED OTHERWISE ALL MATERIALS AND WORK SHALL COMPLY WITH THE RELEVANT AUSTRALIAN STANDARDS.
- THE CONSTRUCTION OF THE SEWERAGE WORK SHOWN ON THIS DRAWING SEMERAGE WORKS NOT COMPLYING WITH THIS PRAWNOR SHALL BE SUPERVISED BY AN ENGINEER WHO HAS RPEQ REGISTRATION.
 SEWERAGE WORKS NOT COMPLYING WITH THIS REQUIREMENT WILL NOT BE
 PERMITTED TO CONNECT INTO THE SEQ SERVICE PROVIDER SEWERAGE
- ALL WORK ASSOCIATED WITH LIVE SEWERS OR MAINTENANCE HOLES SHALL BE CARRIED OUT BY REDLAND WATER AT THE DEVELOPER'S COST.
- ALL SEWER PIPES SHALL BE UPVC CLASS CLASS SN8 UNLESS NOTED
- EACH ALLOTMENT SHALL BE SERVED BY A Ø 100 uPVC PROPERTY
- PROPERTY CONNECTIONS SHALL BE LOCATED WITHIN THE PROPERTY AS
- HOUSE CONNECTION BRANCHES SHALL BE LOCATED GENERALLY 1.0m 1.2m
- UPSTREAM OF THE ALLOTHENT BOUNDARY AND WHERE APPLICABLE THE HOUSE CONNECTION SHALL EXTEND A MINIMUM OF 1.0m BEYOND THE PROPERTY BOUNDARY. THE HOUSE CONNECTION SHALL BE LOCATED AT THE LOWEST PART OF THE ALLOTMENT AND AT SUFFICIENT DEPTH TO SERVICE WHERE PIPES ARE LAID IN FILL, THE FILLING SHALL BE CARRIED OUT IN LAYERS NOT EXCEEDING 300mm (LOOSE) IN DEPTH AND SHALL BE
- COMPACTED UNTIL THE COMPACTION IS NOT LESS THAN 95% OF THE COMPACIED UNIT, THE CUMPACTION IS NOT LESS THAN 95% OF THE MATERIALS MAXIMUM COMPACTION, WHEN TESTED IN ACCORDANCE WITH A.S. 1289 (MODIFIED COMPACTION). TESTING SHALL BE CARRIED OUT AFTER EACH ALTERNATE LAYER. IN ALL SUCH CASES APPROVAL OF CONSTRUCTED SEWERS WILL NOT BE ISSUED BY THE SEQ SERVICE PROVIDER UNLESS CERTIFICATES ARE PRODUCED CERTIFYING THAT THE REQUIRED COMPACTION LASS DEEN ACHIEVED. HAS BEEN ACHIEVED.
- O. WHERE SEWERS HAVE A GRADE OF 1 IN 20 OR STEEPER BULKHEADS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SEQ SEWER CODE.
- THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF EXISTING SERVICES WITH RELEVANT AUTHORITIES BEFORE COMMENCING WORKS.
- 12. SEWERS SHALL BE DISUSED/ABANDONED IN ACCORDANCE WITH PROCEDURES SET OUT IN THE SEQ SEWER CODE.
- 13. BENCH MARK AND LEVELS TO AHD.

CONSULTANT DETAILS

CONSULTANT: CIVIL WORKS ENGINEERS TELEPHONE: 07 3195 8180
CONTACT: ROGER ANDRADE EMAIL: info@civilworks.com.au

HEALTH AND SAFETY NOTE

ALL WATER AND SEWERAGE CONSTRUCTION WORK UNDERTAKEN BY THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE QLD WORKPLACE HEALTH AND SAFETY ACT 2011. CONTACT YOUR NEAREST OFFICE OF THE DIVISION OF WORKPLACE HEALTH AND SAFETY FOR INFORMATION, PHONE: 1300 362 128

PC GRADE

HOUSE CONNECTIONS FOR PROPOSED LOT HAVE BEEN DESIGNED TO CONTROL ALL OF THE LOT AT A GRADE OF 1:60. EXISTING HOUSE SANITARY DRAINAGE GRADE TO BE CONFIRMED BY CONTRACTOR AND PROPOSED HOUSE CONNECTION MAY BE REQUIRED TO BE LOWERED FOR RECONNECTION.

REAL PROPERTY DESCRIPTION

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SEWER LEVELS SSIE FOR CONSTRUCTION SEWEWR ALIGNMENT 2 AS CONSTRUCTED

LEGEND

● EXISTING SEWERAGE RETICULATION

(NOT FOR CONSTRUCTION PURPOSES)

PROPOSED SEWERAGE RETICULATION ALLOTMENT CONTROL LEVE

PROPOSED WATER

-W-- EXISTING WATER

- PROPOSED STORMWATER DRAINAGE

-SWD-- EXISTING STORMWATER DRAINAGE

EXISTING WATER METER

PROPOSED FIRE HYDRANT PROPOSED SLUICE VALVE

PROPOSED WATER SERVICE

EXISTING OVERHEAD ELECTRICAL

WATER SERVICE ENTRY POINT

EXISTING TELECOMMUNICATIONS LINE

EXISTING ELECTRICITY POLE

EXISTING TELECOMMUNICATIONS PIT



PROPOSED CONCRETE

EXISTING SEWER STRUCTURES LABEL



STRUCTURES LABEL



PROPOSED SEWER STRUCTURE

ASSOCIATED CONSULTANT

1 BARCREST DRIVE & 2 CLAY GULLY ROAD VICTORIA POINT

ORCHARD (BARCREST) DEVELOPMENTS PTY LTD

SEWER RETICULATION

SHEET 2 OF 3



U3 1311 Ipswich Road, Rocklea, QLD 4106 PO Box 13, Moorooka QLD 4105

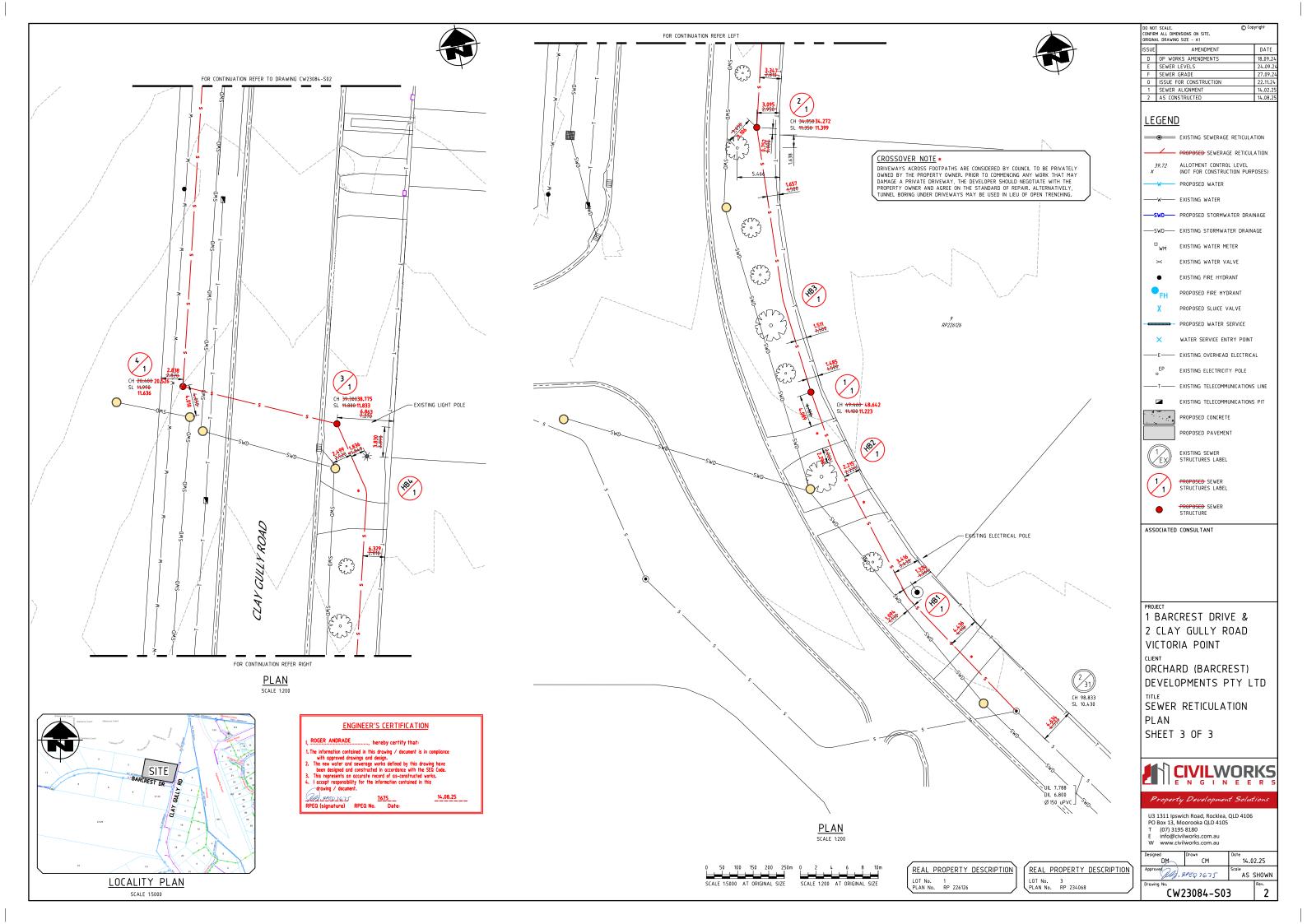
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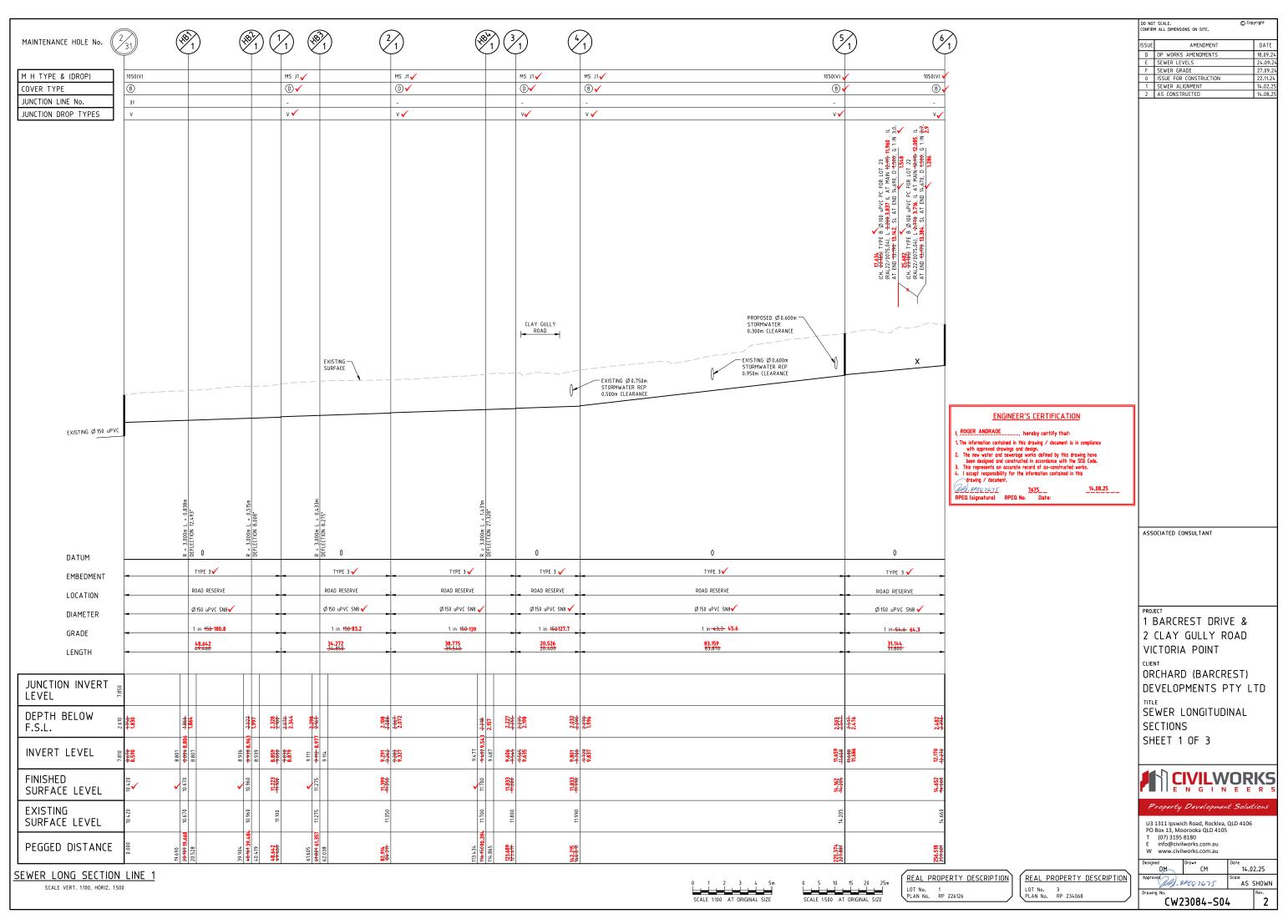
> CM DM_ 14.02.25 AS SHOWN

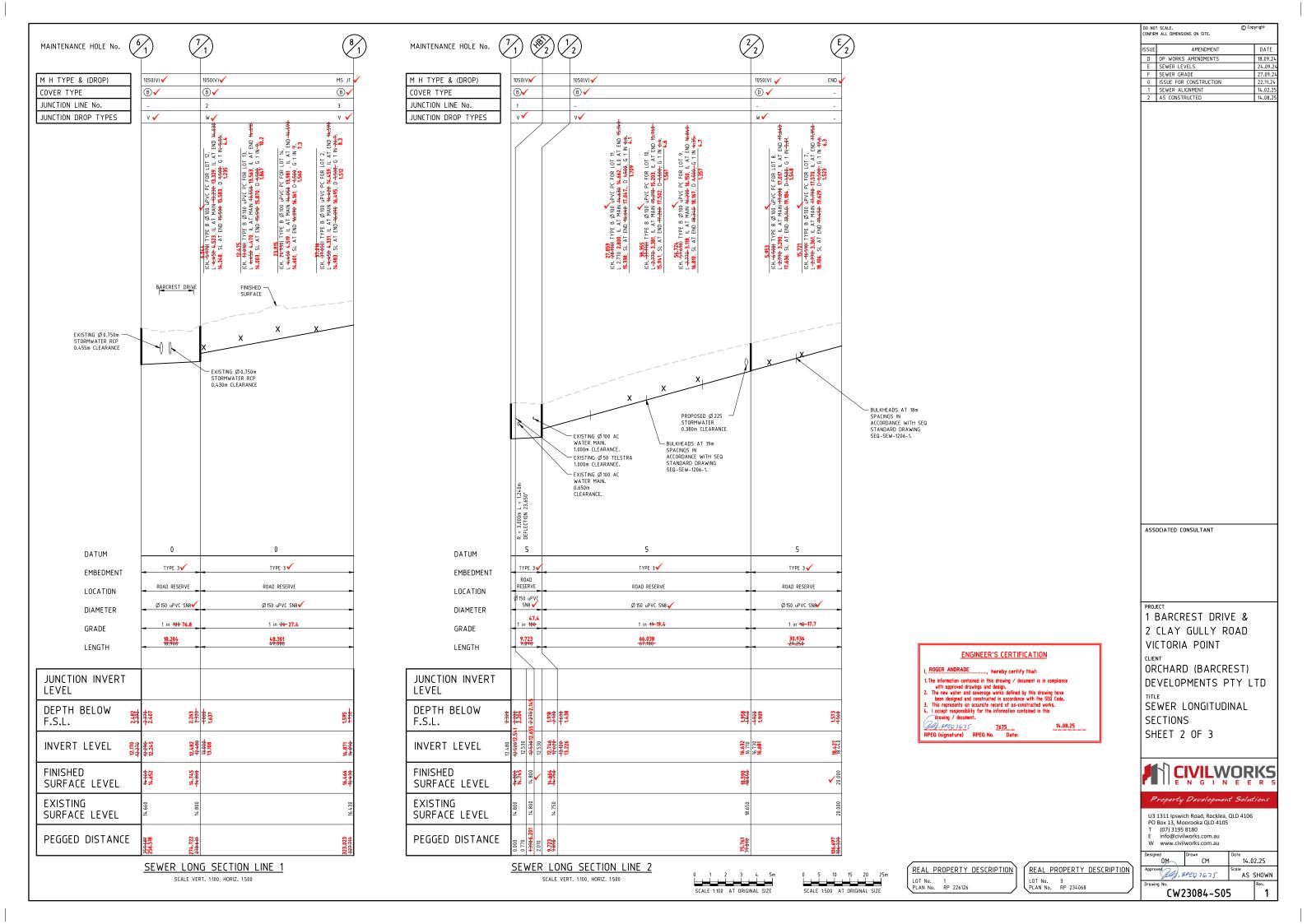
MA, RPEQ 1675

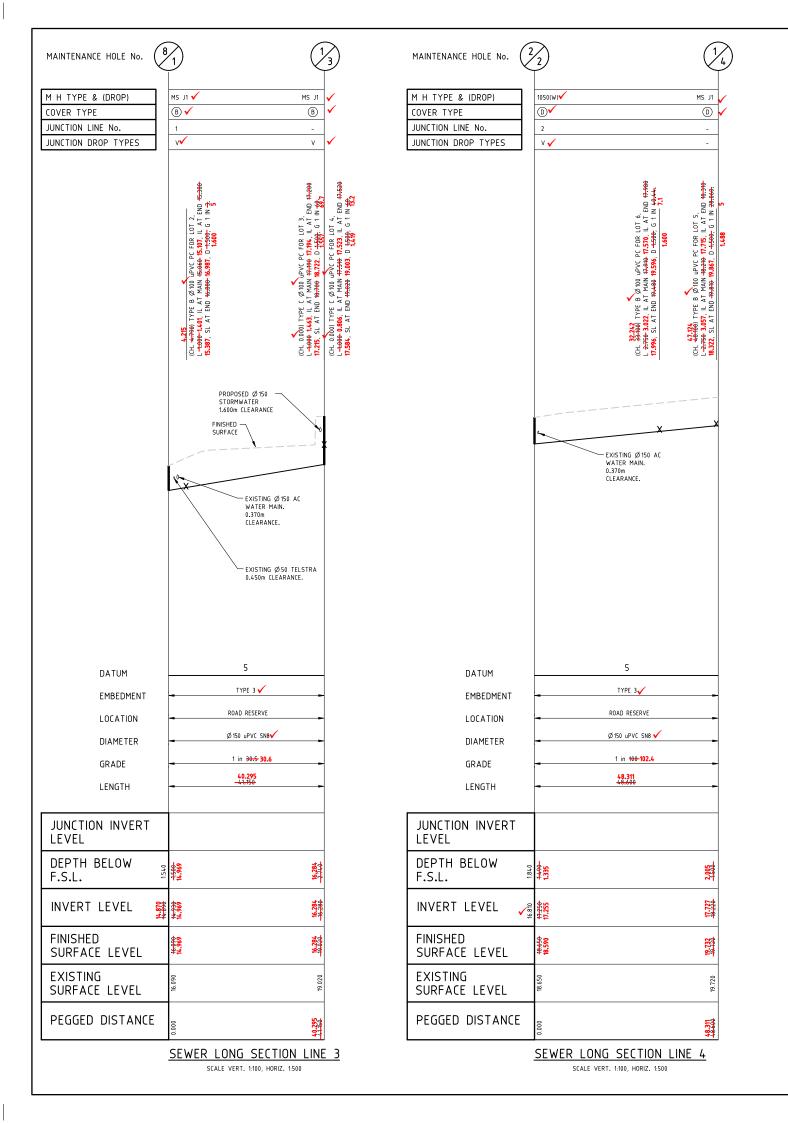
CW23084-S02

CROSSOVER NOTE DRIVEWAYS ACROSS FOOTPATHS ARE CONSIDERED BY COUNCIL TO BE PRIVATED OWNED BY THE PROPERTY OWNER. PRIOR TO COMMENCING ANY WORK THAT MAY DAMAGE A PRIVATE DRIVEWAY, THE DEVELOPER SHOULD NEGOTIATE WITH THE PROPERTY OWNER AND AGEE ON THE STANDARD OF REPAIR. ALTERNATIVELY, TUNNEL BORING UNDER DRIVEWAYS MAY BE USED IN LIEU OF OPEN TRENCHING. LIVE WORKS NOTE ALL LIVE WORKS SHALL BE UNDERTAKEN BY REDLAND WATER AT THE DEVELOPERS EXPENSE. ENVIRONMENTAL NOTES VEGETATION PROTECTION . TREES LOCATED ALONG THE FOOTPATH SHALL BE, TRANSPLANTED PRIOR TO CONSTRUCTION, OR REPLACED IF DESTROYED. SOIL 5. TOPSOIL AND SUBSOIL SHALL BE STOCKPILED SEPARATELY. 5. CARE SHALL BE TAKEN TO PREVENT SEDIMENT FROM ENTERING THE STORMWATER SYSTEM. THIS MAY INVOLVE PLACING APPROPRIATE SEDIMENT CREEK CROSSINGS . SILTATION CONTROL MEASURES SHALL BE PLACED DOWNSTREAM OF ANY . NO SOIL SHALL BE STOCKPILED WITHIN 5m OF THE CREEK. REHABILITATION 10. PREDISTURBANCE SOIL PROFILES AND COMPACTION LEVELS SHALL BE 11. PREDISTURBANCE VEGETATION PATTERNS SHALL BE RESTORED. SAFETY 12. THE DESIGN AND CONSTRUCTION OF THE WORKS SHALL COMPLY WITH ALL









SERVICE PROVIDER AND CONSTRUCTOR LIVE SEWER WORKS TABLE

No.	DESCRIPTION	DIA. SEWER	MH No.	MH TYPE	COVER TYPE	LOT No.	F.S.L.	E.S.L.	IL	DEPTH		
1а	REDLAND WATER TO BREAK INTO EXISTING MAINTENANCE HOLE 2/31 AND CONSTRUCT A DM160 STUB (TEMPORARILY PLUGGED) PRIOR TO START OF CONSTRUCTION.	Ø 150	39/4	1050(V)	B	LOT 71 RP808694	10.420	10.420	7.810	2.610		
1b	CONTRACTOR TO LAY LINE 1 AND 2 AND INSTALL PROPERTY CONNECTIONS.											
1c	REDLAND WATER TO REMOVE TEMPORARY PLUG IN MAINTENANCE HOLE 2/31 AFTER SUCCESSFUL 'ON MAINTENANCE' INSPECTION.											

DO NOT SCALE. CONFIRM ALL DIMENSIONS ON SITE. D OP WORKS AMENDMENTS
E SEWER LEVELS
F SEWER GRADE 0 ISSUE FOR CONSTRUCTION
1 SEWER ALIGNMENT
2 AS CONSTRUCTED 14.02.2

ENGINEER'S CERTIFICATION

ROGER ANDRADE , hereby certify that:

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 2. The new varter and severage works defined by this draving have been designed and constructed in accordance with the SEQ Code.
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<u>7675</u> RPEQ (signature) RPEQ No. Date:

14.08.25

ASSOCIATED CONSULTANT

1 BARCREST DRIVE & 2 CLAY GULLY ROAD

VICTORIA POINT

ORCHARD (BARCREST) DEVELOPMENTS PTY LTD

SEWER LONGITUDINAL

SECTIONS SHEET 3 OF 3



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DM n CM 14.02.25 AS SHOWN M. RPEQ 1675

SCALE 1:100 AT ORIGINAL SIZE



REAL PROPERTY DESCRIPTION

REAL PROPERTY DESCRIPTION

CW23084-S06