

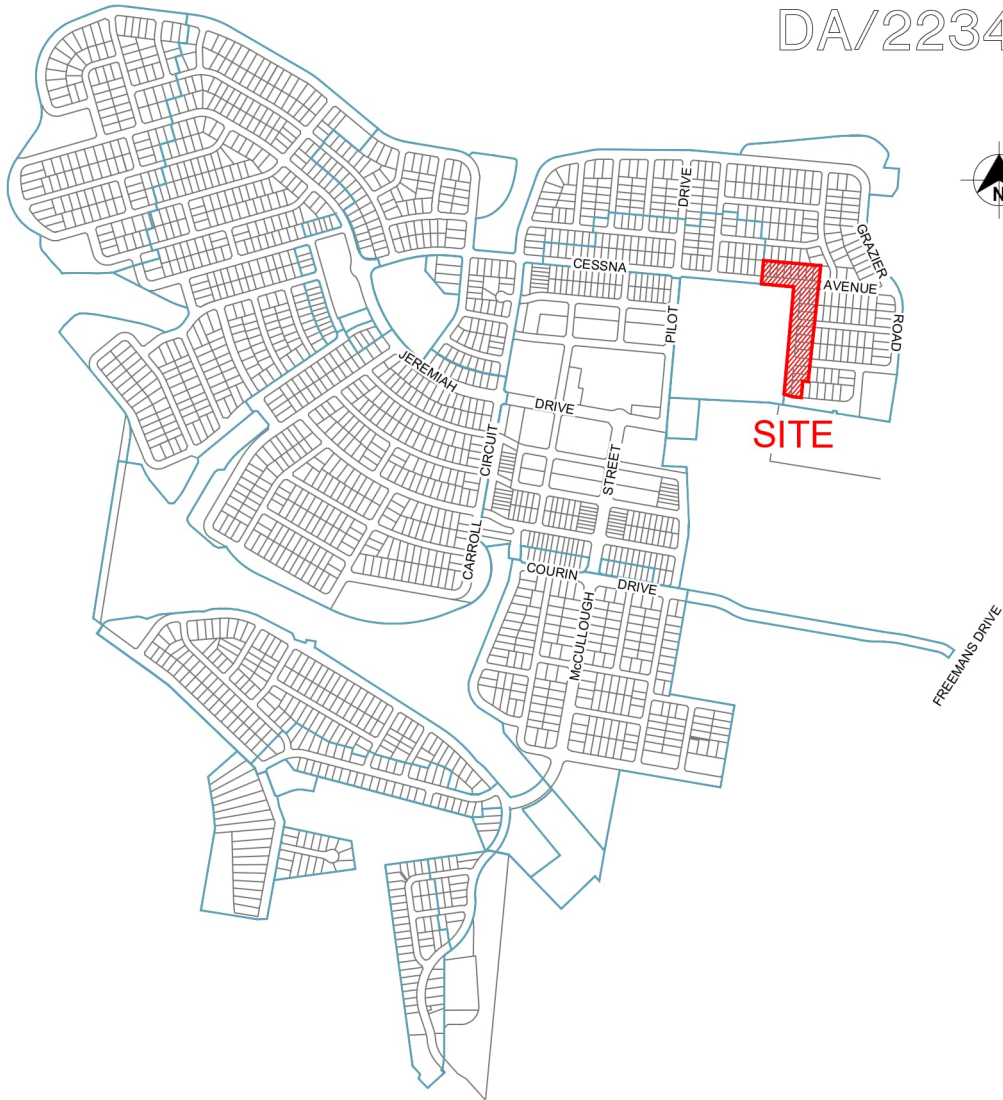
239078(7)13-WAC-001 to 003

WACAGAN PARK PROPOSED SUBDIVISION

PRECINCT NORTH C & D - STAGE 13

LOT 1095 DP1288471, 27 CESSNA AVENUE, COORANBONG

DA/2234/2017/D



LOCALITY SKETCH
NOT TO SCALE

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ORIGIN OF W.A.C. LEVELS			
PM	57535	Co-Ord System	MGA Ground
E	3455423.957	MGA Datum	GDA94
N	6340377.094		MGA Zone
RL	20.139m		56

WORK AS CONSTRUCTED			
THESE DRAWINGS ARE AN ACCURATE REPRESENTATION AS AT 09/02/2026 OF THE WORK-AS-CONSTRUCTED, BUT THE POSITION OF THE WORK RELATIVE TO OTHER STRUCTURES OR BOUNDARIES IS APPROXIMATE ONLY AND HAS NOT BEEN VERIFIED BY PRECISE SURVEY.			
COMPANY	ADW Johnson Pty Ltd	COMPANY	
NAME	NICK GANN	NAME	
SIGNED	DATE 09/02/2026	SIGNED	DATE
	REGISTERED SURVEYOR		CONSTRUCTION MANAGER



10mm AT FULL SIZE
This plan includes coloured information. If you have a black and white copy you do not have all of the information. This note is coloured RED.

REV	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES
A	20.09.2024	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.	
B	1.11.2024	REVISED ISSUE	L.S.	M.K.	M.K.	L.G.	
O	21.03.2025	CONSTRUCTION ISSUE	I.B.	M.K.	M.K.	L.G.	
1	10.02.2026	WORK AS CONSTRUCTED	I.B.	M.K.	M.K.	L.G.	



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CLIENT



PROPERTY DESCRIPTION
**WATAGAN PARK
PROPOSED SUBDIVISION
PRECINCT NORTH C & D - STAGE 13
LOT 1095 DP1288471,
27 CESSNA AVENUE, COORANBONG
DA/2234/2017/D**

PROJECT **POTABLE WATER, RECYCLED WATER AND
PRESSURE SEWER RETICULATION**

PLAN TITLE
**COVER SHEET, LOCALITY PLAN, AND
DRAWING INDEX**

SURVEYED	DATUM	PROJECT No	DISCIPLINE	NUMBER	REV
ADW Johnson	GDA94 M.G.A. ZONE 56	A.H.D.	239078(7)13 - WAC	- 001	1

239078(7)13-WAC-001 to 003

100mm AT FULL SIZE
This plan includes coloured information. If you have a black and white copy you do not have all of the information. This note is coloured RED.

PRESSURE SEWER NOTES:

- 1. ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DESIGN DRAWINGS, ALTOGETHER SUPPLEMENTARY MANUAL TO WSA, PRESSURE SEWERAGE CODE OF AUSTRALIA - WSA 07-2007 VERSION 1.1 AND POLYETHYLENE PIPELINE CODE WSA 01-2004.
2. ALL EQUIPMENT, MATERIALS AND ACCESSORIES USED IN THIS CONTRACT SHALL BE NEW AND SHALL COMPLY WITH ALTOGETHER REQUIREMENTS. BUT FUSION FITTINGS DENOTED HERETHAVE BEEN DERIVED FROM THE GEORG FISCHER PIPING SYSTEMS BUT FUSION PRODUCT RANGE. ELECTROFUSION FITTINGS DENOTED HERETHAVE BEEN DERIVED FROM THE PLASSON 'POLYETHYLENE PIPING SYSTEMS' PRODUCT RANGE.
3. ALL SERVICES SHOWN ARE INDICATIVE ONLY. A CURRENT SERVICES SEARCH AND SITE CHECK OF ALL EXISTING SERVICES WILL BE REQUIRED PRIOR TO COMMENCEMENT OF ANY WORKS.
4. THE CONSTRUCTOR IS TO DETERMINE LEVELS AND LOCATIONS OF ALL EXISTING SERVICES IN THE VICINITY OF THE CONSTRUCTION SITE AND ANY CONSTRUCTED STRUCTURES FOR PROPOSED SERVICES, SUCH AS DUCTING FOR WATER OR ELECTRICITY WITHIN THE SUBDIVISION. THE CONTRACTOR MUST ENSURE ALL SERVICES ARE LOCATED BY THE RELEVANT AUTHORITY PRIOR TO COMMENCEMENT OF WORKS.
5. PRESSURE SEWER MAINS SHALL BE BLACK POLYETHYLENE (PE100 PN16) WITH A CREAM STRIPE AS PER WSA 02-2007 AND ALTOGETHER SUPPLEMENTARY MANUAL TO WSA.
6. ALL POLYETHYLENE MAINS <= DN200 SHALL BE JOINED USING ELECTROFUSION JOINTING TECHNIQUES IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS. ALL POLYETHYLENE MAINS > DN200 SHALL BE JOINED USING BUTTWELDED JOINTING TECHNIQUES IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS.
7. MAIN TO BE LAID GENERALLY AS INDICATED IN SERVICE ALLOCATION DIAGRAMS. INSTRUCTION NOTES SHALL TAKE PRECEDENCE OVER DIAGRAMS WHERE PROVIDED.
8. 600mm HORIZONTAL CLEARANCE TO BE MAINTAINED BETWEEN ALL SEWER AND WATER MAINS. MINIMUM PIPE COVER SHALL BE 800mm IN FOOTWAYS AND 1000mm IN ROADWAYS. MAXIMUM PIPE COVER SHALL GENERALLY BE 1500mm, WHERE COVER FOR A TRENCHED INSTALLATION EXCEEDS 1500mm BUT LESS THAN 2500mm THE MAIN AS A MINIMUM SHALL BE EMBEDDED IN STABILISED SAND. THE CONTRACTOR SHALL ENSURE THAT ALL PRESSURE SEWER AND RECYCLED WATER MAINS HAVE SUFFICIENT VERTICAL SEPARATION AS PER THE CLEARANCE TABLE ADJACENT.
9. MAINS CROSSING UNDER EXISTING DRIVEWAYS (SEALED, PAVED OR DECORATIVE) SHALL BE CONDUCTED BY UNDER BORING ONLY UNLESS PERMISSION IS GRANTED BY THE AFFECTED PROPERTY OWNER.
10. MAINS WITHIN 2.0m OF ELECTRICITY OR POWER POLES SHALL BE CONDUCTED BY BORING TECHNOLOGY (UNLESS AGREED TO BY THE ALTOGETHER REPRESENTATIVE).
11. ALL PIPE BEDDING MATERIAL SHALL COMPLY WITH WSA PRODUCT SPECIFICATION WSA-P350 AND WSA-P351.
12. ALL BENDS SHALL BE ELECTROFUSION OR BUTT WELD SWEED BENDS. FABRICATED BENDS SHALL NOT BE USED IN LIEU. KNUCKLE ELBOWS ARE NOT PERMITTED.
13. MINIMUM BENDING RADIUS FOR PN16 PE100 (SDR11) SHALL BE 20 x DN. (i.e. DN400 : R8.0m, DN250 : R5.0m, DN200 : R4.0m, DN150 : R3.2m, DN125 : R2.5m, DN90 : R1.8m, DN75 : R1.5m, DN63 : R1.3m, DN50 : R1.0m, DN40 : R0.8m).
14. ALL HOUSE SERVICE LATERALS SHALL BE DN40 (PE100 PN16).
15. FLUSHING PITS SHALL CONFORM WITH ALTOGETHER STANDARD DRAWINGS. REFER TO ALTOGETHER WEBSITE FOR CURRENT VERSION. SMALL MAINS (<= DN100) http://information.altogethergroup.com.au/governance/Land_Housing/PSS-1017A-FS.pdf LARGE MAINS (>= DN100) http://information.altogethergroup.com.au/governance/Land_Housing/PSS-1017B-FS.pdf
16. LOCALISED DEPENDING OF MAINS MAY BE REQUIRED TO FACILITATE AIR VALVE INSTALLATION. THE CONTRACTOR SHALL ENSURE THAT THE AIR VALVE OFFTAKE IS LOCATED AT A HIGH POINT (NATURAL OR ARTIFICIAL) IN THE MAIN (I.E. MAIN SHALL GRADE DOWNWARDS EITHER SIDE OF THE AIR VALVE).
17. DETECTABLE MARKING TAPE SHALL BE LAID ON TOP OF THE PIPE EMBEDMENT MATERIAL BEFORE BACKFILLING AND CONNECTED TO SURFACE FITTINGS.
18. ALL SURFACE FITTINGS LOCATED IN TRAFFICABLE AREAS (I.E. ROADWAYS, PATHS etc.) SHALL HAVE HEAVY DUTY SURROUNDS INSTALLED.
19. DURING CONSTRUCTION, ALL OPEN ENDS OF PIPE SHALL BE CAPPED OFF TO PREVENT ENTRY OF FOREIGN MATTER.
20. ALL VALVES SHALL BE RESILIENT SEATED SLICE VALVES (ANTI-CLOCKWISE CLOSING), SHALL BE RESTRAINED IN ACCORDANCE WITH WAT-1207 AND SHALL COMPLY WITH ALTOGETHER STANDARD DRAWING PSS-1015-FS.
21. ALL MAINS SHALL BE TESTED IN ACCORDANCE WITH WSA 07-2007 VERSION 1.1.
22. FOR LOTS WITH MAINS IN THE REAR. 1 x 925mm INSTRUMENTATION CONDUIT (ORANGE) AND 1 x 425mm ELECTRICAL CONDUIT (ORANGE)(WITH DRAW WIRES) SHALL BE INSTALLED FROM THE COLLECTION TANK TO WATER METERS. THE CONDUITS SHALL BE LAID IN A COMMON TRENCH WITH THE SEWERAGE AND MAINTAIN A MINIMUM HORIZONTAL CLEARANCE OF 400mm. (REFER TO ALTOGETHER STANDARD DRAWINGS FOR SETOUT DIMENSIONS).
23. THE CONSTRUCTOR SHALL PROVIDE ALTOGETHER WITH MINIMUM OF 7 DAYS NOTICE IN WRITING OF INTENT TO CONNECT NEW MAINS TO EXISTING INFRASTRUCTURE. CONNECTIONS ARE NOT PERMITTED UNTIL COMPLIANT TEST RESULTS HAVE BEEN PROVIDED AND CONFIRMATION IS PROVIDED BY THE ALTOGETHER REPRESENTATIVE.
24. UPON COMPLETION OF WORKS , ALL SURFACES MUST BE RESTORED AS CLOSE AS POSSIBLE, TO THE CONDITION HAT EXISTED PRIOR TO COMMENCEMENT OF WORKS.
25. PERMISSION OF ENTRY MUST BE OBTAINED BY THE CONTRACTOR FROM THE OWNER/OCCUPIER PRIOR TO COMMENCEMENT OF WORK IN PRIVATE PROPERTY.
26. BURIED FITTINGS ARE NOT TO BE BACKFILLED UNTIL W.A.C. DETAILS HAVE BEEN OBTAINED AND APPROVAL FOR BACKFILLING GIVEN BY THE ALTOGETHER REPRESENTATIVE. THE CONTRACTOR SHALL PROVIDE M.G.A. COORDINATED WORK-AS-CONSTRUCTED INFORMATION REGARDING THE INSTALLATION OF ALL BURIED FITTINGS.
27. THE MINIMUM NUMBER OF COMPACTION TESTS REQUIRED TO SATISFY THE PRESSURE SEWER CODE OF AUSTRALIA (CLAUSE 213.4) ARE: TRAFFICABLE PIPE EMBEDMENT ZONE: NIL TRENCH FILL ZONE: 1 TEST/300mm LAYER OF FILL AT EACH ROAD CROSSING. NON-TRAFFICABLE PIPE EMBEDMENT ZONE: NIL TRENCH FILL ZONE: 1 TEST/900mm OF FILL AND EACH 100 LINEAL METRES OF PIPE.
28. BOUNDARY KITS (COMPLETE) SHALL BE NOV SUPPLIED (INV PSS-BK-4). 60mm COLLECTION TANK (ESD 20-0032/ESD 20-0033) SHALL BE INSTALLED WITH BOUNDARY KIT (REFER ALTOGETHER STANDARD DRAWINGS PSS-1012-FS AND PSS-1013-FS). PUMP TO BE INSTALLED BY OTHERS.
29. ALL MAINS (UP TO THE BOUNDARY KIT) SHALL BE PRESSURE TESTED TO 1600 kPa. ALL LINES FROM THE WASTEWATER COLLECTION TANK TO THE MANUAL ISOLATION VALVE WITHIN THE BOUNDARY KIT TO BE PRESSURE TESTED TO 1000kPa.
30. ALL MAINS SHALL BE FLUSHED WITH WATER TO REMOVE ANY DEBRIS PRIOR TO COMMISSIONING.
31. SURFACE IDENTIFICATION MARKERS ARE TO BE PROVIDED TO ALTOGETHER REQUIREMENTS.
32. ROPE OFF ALL PRESSURE SEWER UNITS AND FLUSHING POINTS TO LIMIT DAMAGE DURING CONSTRUCTION.
33. PRESSURE TRANSMITTER TO BE MEASUREX HMB21 GENERAL PURPOSE TRANSMITTER WITH MICROSPIDER LOGGING TELEMETRY AND ALARM PER ALTOGETHER REQUIREMENTS.
34. WORK-AS-CONSTRUCTED DOCUMENTATION SHALL BE PROVIDED BY THE CONTRACTOR STRICTLY IN ACCORDANCE WITH THE ALTOGETHER Q.A. SUBMISSION CHECKLIST.
35. ELECTRICAL GLAND CONNECTION SUPPLIED LOOSE WITH EACH SEWER POT IS TO BE INSTALLED BY THE CIVIL CONTRACTOR AND ELECTRICAL CONDUIT ATTACHED TO THE TANK FOR FUTURE ELECTRICAL WIRING.

POTABLE WATER AND RECYCLED WATER NOTES:

- 1. ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DESIGN DRAWINGS, ALTOGETHER SUPPLEMENTARY MANUAL TO WSA AND WSA 03-2011-3.1(SYDNEY WATER EDITION 2014).
2. POTABLE WATER SHALL BE UTILISED FOR FIRE FIGHTING PURPOSES.
3. ALL EQUIPMENT, MATERIALS AND ACCESSORIES USED IN THIS CONTRACT SHALL BE NEW, SHALL CONFORM TO THE APPROPRIATE CURRENT AUSTRALIAN STANDARDS AND SHALL COMPLY WITH ALTOGETHER REQUIREMENTS.
4. ALL SERVICES SHOWN ARE INDICATIVE ONLY. A CURRENT SERVICES SEARCH AND SITE CHECK OF ALL EXISTING SERVICES WILL BE REQUIRED PRIOR TO COMMENCEMENT OF ANY WORKS. THE CONSTRUCTOR IS TO DETERMINE LEVELS AND LOCATIONS OF ALL EXISTING SERVICES IN THE VICINITY OF THE CONSTRUCTION SITE AND ANY CONSTRUCTED STRUCTURES FOR PROPOSED SERVICES, SUCH AS DUCTING FOR WATER OR ELECTRICITY WITHIN THE SUBDIVISION. THE CONTRACTOR MUST ENSURE ALL SERVICES ARE LOCATED BY THE RELEVANT AUTHORITY PRIOR TO COMMENCEMENT OF WORKS.
5. THE CONSTRUCTOR SHALL VERIFY WITH THE SITE SUPERVISOR THE POSITION AND LEVEL OF ALL EXISTING AND PROPOSED BOUNDARIES PERTINENT TO THE INFRASTRUCTURE INSTALLATIONS.
6. MAIN TO BE LAID GENERALLY AS INDICATED IN SERVICE ALLOCATION DIAGRAMS. INSTRUCTION NOTES SHALL TAKE PRECEDENCE OVER DIAGRAMS WHERE PROVIDED. 600mm HORIZONTAL CLEARANCE TO BE MAINTAINED BETWEEN ALL SEWER AND WATER MAINS. MINIMUM PIPE COVER SHALL BE 600mm IN FOOTWAYS (TYPE B EMBEDMENT: WAT-1022-V) AND 800mm IN ROADWAYS (TYPE C EMBEDMENT: WAT-1204-V). MAXIMUM PIPE COVER SHALL GENERALLY BE 1500mm, WHERE COVER FOR A TRENCHED INSTALLATION EXCEEDS 1500mm BUT LESS THAN 2500mm THE MAIN AS A MINIMUM SHALL BE EMBEDDED IN STABILISED SAND. THE CONTRACTOR SHALL ENSURE THAT ALL RECYCLED WATER MAINS AND PRESSURE SEWER MAINS HAVE SUFFICIENT VERTICAL SEPARATION AS PER THE CLEARANCE TABLE ADJACENT.
7. ALL POTABLE WATER MAINS TO BE BLUE PVC-M (PN16). ALL RECYCLED WATER MAINS SHALL BE LILAC PVC-M (PN16). DIFFERENTIATION OF POTABLE AND RECYCLED WATER SYSTEMS SHALL BE AS PER TABLE 4.1 WSA03-2011 WITH BOTH SERVICES BEING CLASSIFIED AS WATER MAINS. RECYCLED WATER MAINS SHALL ALWAYS BE LOWER THAN POTABLE WATER MAINS. 150mm VERTICAL CLEARANCE BETWEEN POTABLE WATER AND RECYCLED WATER MAINS SHALL BE PROVIDED.
8. MAXIMUM JOINT DEFLECTIONS TO BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
9. LOCALLY LOWER PIPEWORK IN VICINITY OF STOP VALVES TO ENSURE SUFFICIENT COVER IS MAINTAINED OVER VALVES. LOWERING OF PIPEWORK SHALL BE ACHIEVED OVER A NUMBER OF PIPE LENGTHS EITHER SIDE OF VALVES TO ELIMINATE ANY SHARP DEFLECTIONS.
10. ALL PIPE BEDDING MATERIAL SHALL COMPLY WITH WSA PRODUCT SPECIFICATION PS-350, 368 AND 365. GEOTECHNICAL CONDITIONS SHOULD BE ASSESSED DURING CONSTRUCTION BY THE CONTRACTOR IN ASSOCIATION WITH THE ALTOGETHER REPRESENTATIVE TO DETERMINE THE NEED TO MODIFY EMBEDMENT/TRENCH FILL TYPE AND THE NEED FOR TRENCH DRAINAGE/BULKHEADS.
11. DURING CONSTRUCTION, ALL OPEN ENDS OF PIPES SHALL BE CAPPED OFF TO PREVENT ENTRY OF FOREIGN MATTER.
12. HYDRANTS , STOP VALVES AND ALL OTHER FITTINGS TO BE THE SAME SIZE AS THE THROUGH WATER MAIN AND ANTI CLOCKWISE CLOSING.
13. HYDRANTS MUST NOT BE INSTALLED IN POTENTIAL DRIVEWAY LOCATIONS. HYDRANTS AND WATER SERVICES SHALL BE NORMALLY AT LEAST 5.0m FROM EACH BOUNDARY OR ON BOUNDARIES, WHERE POSSIBLE, FITTINGS SHALL BE LOCATED BEHIND KERB INLET PITS.
14. THRUST BLOCKS SHALL BE INSTALLED IN ACCORDANCE WITH WAT-1205.
15. ALL PROPERTY (MAIN TO METER) SERVICE CONNECTIONS SHALL BE CONSTRUCTED STRICTLY IN ACCORDANCE WITH ALTOGETHER REQUIREMENTS. REFER TO ALTOGETHER WEBSITE FOR CURRENT VERSION. SINGLE SERVICE: http://information.altogethergroup.com.au/governance/Land_Housing/WAT-1854-FS.pdf DUAL SERVICE: http://information.altogethergroup.com.au/governance/Land_Housing/WAT-1855-FS.pdf
16. PROPERTY SERVICE CONNECTION IS SHALL BE FLUSHED AND LOCKED (BY THE ALTOGETHER REPRESENTATIVE) FOLLOWING SUCCESSFUL PRESSURE TESTING.
17. SURFACE FITTINGS LOCATED IN TRAFFICABLE AREAS (I.E. ROADWAYS, PATHS etc.) SHALL HAVE HEAVY DUTY SURROUNDS INSTALLED.
18. ALL MAINS SHALL BE PRESSURE TESTED TO 1500kPa IN ACCORDANCE WITH CLAUSE 19.4 OF WSA03-2011 (SYDNEY WATER EDITION 2014).
19. ALL MAINS SHALL BE FLUSHED WITH WATER TO REMOVE ANY DEBRIS PRIOR TO COMMISSIONING.
20. WATER QUALITY TESTING SHALL BE IN ACCORDANCE WITH WSA 03-2011-3 (SYDNEY WATER EDITION-2014). CLAUSE 19.7).
21. THE CONSTRUCTOR SHALL PROVIDE HUNTLEE WATER WITH MINIMUM OF 7 DAYS NOTICE IN WRITING OF INTENT TO CONNECT NEW MAINS TO EXISTING INFRASTRUCTURE. CONNECTIONS ARE NOT PERMITTED UNTIL COMPLIANT TEST RESULTS HAVE BEEN PROVIDED AND CONFIRMATION IS PROVIDED BY THE ALTOGETHER REPRESENTATIVE.
22. UPON COMPLETION OF WORKS , ALL SURFACES MUST BE RESTORED AS CLOSE AS POSSIBLE, TO THE CONDITION HAT EXISTED PRIOR TO COMMENCEMENT OF WORKS.
23. PERMISSION OF ENTRY MUST BE OBTAINED BY THE CONTRACTOR FROM THE OWNER/OCCUPIER PRIOR TO COMMENCEMENT OF WORK IN PRIVATE PROPERTY.
24. BURIED FITTINGS ARE NOT TO BE BACKFILLED UNTIL W.A.C. DETAILS HAVE BEEN OBTAINED AND APPROVAL FOR BACKFILLING GIVEN BY THE ALTOGETHER REPRESENTATIVE. THE CONTRACTOR SHALL PROVIDE M.G.A. COORDINATED WORK-AS-CONSTRUCTED INFORMATION REGARDING THE INSTALLATION OF ALL BURIED FITTINGS.
25. MINIMUM NUMBER OF COMPACTION TESTS REQUIRED TO SATISFY WSA03-2011 (SYDNEY WATER EDITION 2014) (CLAUSE 19.3.5) : TRAFFICABLE PIPE EMBEDMENT ZONE: NIL TRENCH FILL ZONE: 1 TEST/300mm LAYER OF FILL AT EACH ROAD CROSSING. NON-TRAFFICABLE PIPE EMBEDMENT ZONE: NIL TRENCH FILL ZONE: 1 TEST/900MM OF FILL AND EACH 100 LINEAL METERS OF PIPE. PROPERTY SERVICES TEST 1 OF EVERY 5 PROPERTY SERVICE TRENCHES. TESTING SHALL BE IN ACCORDANCE WITH TABLE 16.1 AND 17.0 OF THE WATER SUPPLY CODE OF AUSTRALIA.
26. SURFACE IDENTIFICATION MARKERS ARE TO BE PROVIDED TO ALTOGETHER REQUIREMENTS.
27. PRESSURE TRANSMITTER TO BE MEASUREX HMB21 GENERAL PURPOSE TRANSMITTER WITH MICROSPIDER LOGGING TELEMETRY AND ALARM PER ALTOGETHER REQUIREMENTS.
28. WORK-AS-CONSTRUCTED DOCUMENTATION SHALL BE PROVIDED BY THE CONTRACTOR STRICTLY IN ACCORDANCE WITH THE ALTOGETHER Q.A. SUBMISSION CHECKLIST.
29. WHERE THE PIPE GRADE EXCEEDS 5% , TRENCHSTOPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WAT-1209 AND WAT-1210 AT THE SPACING OF 100M BUCKETS. WHERE PIPE GRADES EXCEED 15% , CONCRETE BULKHEADS WILL BE CONSTRUCTED AT SPACING AS PER TABLE 7.5 OF WSA03-2001 SYDNEY WATER EDITION 2014.
ALTOGETHER STANDARD DRAWINGS CAN BE FOUND AT THE FOLLOWING ADDRESS: https://asus.altogethergroup.com.au/hc/en-us/articles/900004827263-Standard-drawings-for-land-developers

GENERAL NOTES:

- 1. THIS DRAWING SET SHALL BE READ IN CONJUNCTION WITH LAKE MACQUARIE COUNCIL STANDARDS, ALTOGETHER SUPPLEMENTARY MANUAL TO WSA AND OTHER ASSOCIATED DRAWINGS AND TECHNICAL SPECIFICATIONS.
2. THE CONTRACTOR SHALL LOCATE AND IDENTIFY ALL UNDERGROUND SERVICES PRIOR TO COMMENCEMENT OF WORK AND SHALL REPAIR ANY DAMAGE CAUSED TO SUCH SERVICES DURING THE COURSE OF WORKS. ANY SERVICE LOCATIONS SHOWN IN THIS DRAWING SET ARE INDICATIVE ONLY.
3. MAKE SMOOTH TRANSITION TO EXISTING WORKS (I.E. ROAD PAVEMENT AND FOOTPATHS) TO P.C.A. AND SUPERINTENDENT'S REQUIREMENTS.
4. SUITABLE PROTECTION TO EXISTING ROAD PAVEMENT, KERB AND GUTTER, FOOTPATHS AND ANY EXISTING FEATURES SHALL BE PROVIDED UNTIL THE CONSTRUCTION WORKS ARE COMPLETED.

CLEARANCES BETWEEN PIPELINES AND UNDERGROUND SERVICES

Table with columns: UTILITY (EXISTING OR PROPOSED SERVICE), MINIMUM HORIZONTAL CLEARANCE (mm) NEW MAIN SIZE, MINIMUM VERTICAL CLEARANCE (mm). Rows include WATER MAINS - DN375, GAS MAINS, TELECOMMUNICATION CONDUITS AND CABLES, ELECTRICITY CONDUITS AND CONDUITS, STORMWATER DRAINS, SEWERS (GRAVITY), SEWERS (PRESSURE AND VACUUM), KERBS.

NOTES:

- 1. VERTICAL CLEARANCES APPLY WHERE PIPELINES CROSS OTHER UTILITY SERVICES, EXCEPT IN THE CASE OF WATER/SEWER MAINS WHEN A VERTICAL SEPARATION SHALL ALWAYS BE MAINTAINED, EVEN WHEN THE PRESSURE SEWER AND WATER MAIN ARE PARALLEL. THE PRESSURE SEWER SHOULD ALWAYS BE LOCATED BELOW THE WATER MAIN TO MINIMISE THE POSSIBILITY OF BACKFLOW CONTAMINATION IN THE EVENT OF A PRESSURE MAIN BREAK.
2. WATER MAINS INCLUDES MAINS SUPPLYING BOTH POTABLE AND RECYCLED WATER.
3. FOR AREAS WITH EXISTING WATER RETENTION, CLEARANCES CAN BE FURTHER REDUCED TO 600mm WITH THE APPROVAL OF THE WATER AUTHORITY.
4. CLEARANCES CAN BE FURTHER REDUCED TO 150mm FOR DISTANCES UP TO 2.0m WHEN PASSING INSTALLATIONS SUCH AS POLES, PITS, AND SMALL STRUCTURES, PROVIDING THE STRUCTURE IS NOT DE-STABILISED IN THE PROCESS.
5. CLEARANCES FROM KERBS SHALL BE MEASURED FROM THE NEAREST POINT OF THE KERB FOR WATER/SEWER - DN 375, CLEARANCES FROM KERBS CAN BE PROGRESSIVELY REDUCED UNTIL THE MINIMUM OF 150mm IS REACHED FOR WATER/SEWER - DN200.
6. WHERE A PARALLEL SEWER IS AT A MINIMUM VERTICAL CLEARANCE LOWER THAN THE WATER MAIN (500mm), MAINTAIN A MINIMUM HORIZONTAL OF 800mm. THIS MINIMUM CLEARANCE CAN BE PROGRESSIVELY REDUCED TO 600mm AS THE VERTICAL CLEARANCE IS INCREASED TO 750mm.
7. FOR PRESSURE SEWER LATERALS, MINIMUM VERTICAL CLEARANCES MAY BE REDUCED TO 150mm PROVIDING THERE IS NO JOINT IN THE LATERAL WITHIN 500mm OF EITHER SIDE OF THE SERVICE BEING CROSSED.
8. AN ADDITIONAL CLEARANCE FROM HIGH VOLTAGE ELECTRICAL INSTALLATIONS SHOULD BE MAINTAINED ABOVE THE CONDUITS OR CABLES TO ALLOW FOR A PROTECTIVE BARRIER AND MARKING TO BE PROVIDED.
9. WATER MAINS SHOULD ALWAYS CROSS OVER SEWERS AND STORMWATER DRAINS, FOR CASES WHERE THERE IS NO ALTERNATIVE AND THE MAIN MUST CROSS UNDER THE SEWER, THE DESIGN SHALL NOMINATE AN APPROPRIATE PROTECTION TREATMENT (JOINT-FREE IN THE VICINITY OF THE SEWER).

SHOULD THE RECOMMENDED CLEARANCES NOT BE ACHIEVED, NOTIFICATION SHALL BE CONVEYED TO THE ALTOGETHER REPRESENTATIVE IN WRITING.

ORIGIN OF W.A.C. LEVELS

PN 57393 E 3455423 957 Co-Ord System: MGA Ground N 6340377 094 MGA Datum: GD44 R.L. 28 139m MGA Zone: 58

WORK AS CONSTRUCTED

THESE DRAWINGS ARE AN ACCURATE REPRESENTATION AS AT 09/02/2026 OF THE WORK AS CONSTRUCTED, BUT THE POSITION OF THE WORK RELATIVE TO OTHER STRUCTURES OR BOUNDARIES IS APPROXIMATE ONLY AND HAS NOT BEEN VERIFIED BY PRECISE SURVEY.

COMPANY ADW Johnson Pty Ltd COMPANY NAME NICK GANN NAME DATE 09/02/2026 SIGNED REGISTERED SURVEYOR SIGNED CONSTRUCTION MANAGER



Table with columns: REV, DATE, AMENDMENT, DRAWN, CHECK, DESIGN, VERIFY, SCALES. Rows A, B, C, D, E.

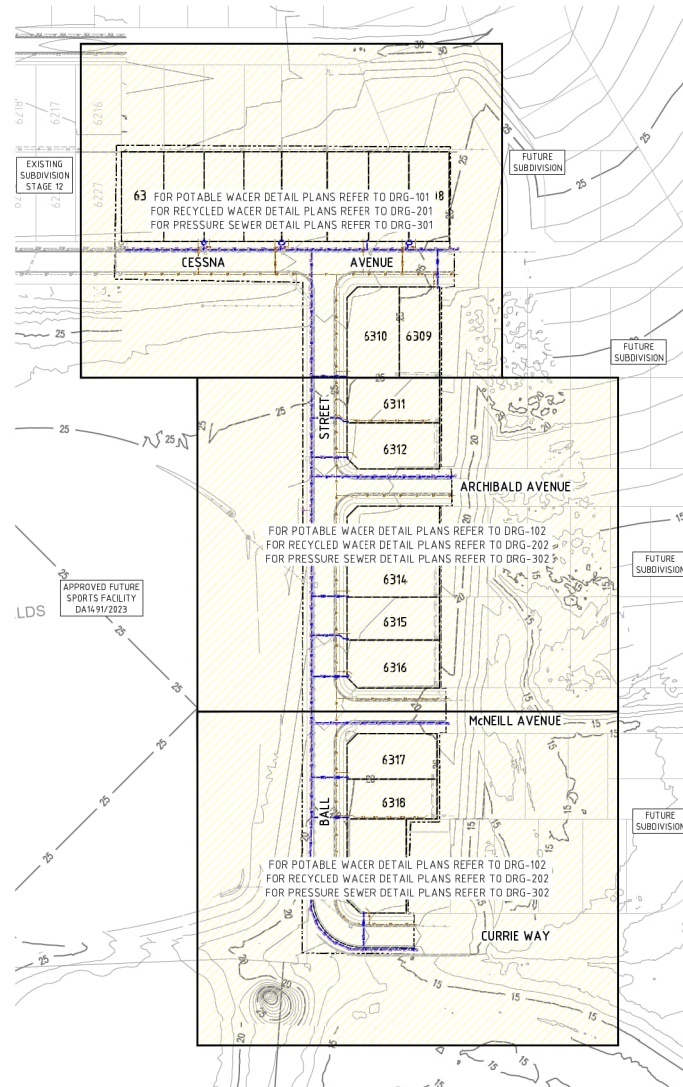
DESIGN FILE: N:\239078(7)\DWG\Water & Sewer\WAT\Stage 9\239078(7)13-WAT-DESIGN.dwg ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED. DO NOT SCALE. Plotted By: tima Plot Date: 18/02/26 - 08:39 Cad File: \\adw-svr4\adw-dato\239078\239078(7)\DWG\Water & Sewer\WAT\Stage 13\Stage 13 WAC\239078(7)13-WAC-001 to 003.dwg

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JOHNSON PROPERTY logo

PROPERTY DESCRIPTION WATAGON PARK PROPOSED SUBDIVISION PRECINCT NORTH C & D - STAGE 13 LOT 1095 (DP1288471) 27 CESSNA AVENUE, COORANBONG DA/2341/2017/D

PROJECT POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION PLAN TITLE GENERAL NOTES SURVEYED ADW Johnson DATUM GD494 M.G.A. ZONE 56 A.H.D. PROJECT No 239078(7)13 - DISCIPLINE WAC - NUMBER 002 - REV 1



LDS
APPROVED FUTURE
SPORTS FACILITY
DA14/91/2023

ORIGIN OF W.A.C. LEVELS			
PM	57533	Co-Ord System	MGA Ground
E	3455423.957		
N	6340377.094		MGA Datum: GDA94
RL	20.139m		MGA Zone: 56

WORK AS CONSTRUCTED			
THESE DRAWINGS ARE AN ACCURATE REPRESENTATION AS AT 09/02/2026 OF THE WORK-AS-CONSTRUCTED, BUT THE POSITION OF THE WORK RELATIVE TO OTHER STRUCTURES OR BOUNDARIES IS APPROXIMATE ONLY AND HAS NOT BEEN VERIFIED BY PRECISE SURVEY.			
COMPANY	ADW Johnson Pty Ltd	COMPANY	
NAME	NICK GANN	NAME	
SIGNED	DATE 09/02/2026	SIGNED	DATE
	REGISTERED SURVEYOR		CONSTRUCTION MANAGER



PLAN
SCALE 1:1000
CONTOUR INTERVAL: 1m

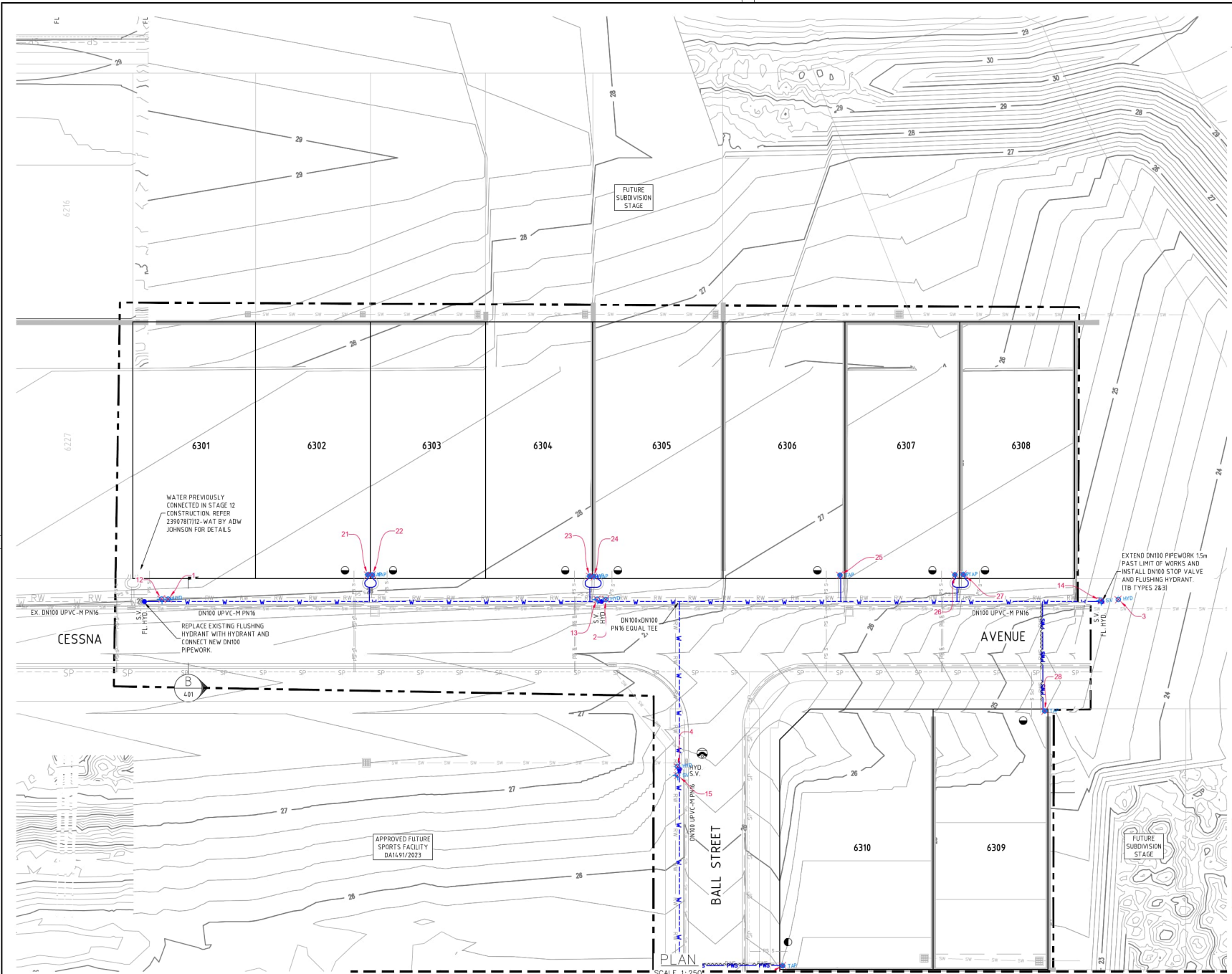
REV	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES
A	20.09.2024	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.	<p>SCALE: 1:1000 (FULL)</p>
B	1.11.2024	REVISED ISSUE	L.S.	M.K.	M.K.	L.G.	
O	21.03.2025	CONSTRUCTION ISSUE	I.B.	M.K.	M.K.	L.G.	
1	10.02.2026	WORK AS CONSTRUCTED	I.B.	M.K.	M.K.	L.G.	

Hunter Office
Unit 7/335 Hillsborough Rd
Warners Bay N.S.W. 2282
Phone: (02) 4978 5100
Fax: (02) 4978 5199
email: hunter@adwjohnson.com.au
www.adwjohnson.com.au
ABN 62 129 445 398

CLIENT

PROPERTY DESCRIPTION	WATAGAN PARK PROPOSED SUBDIVISION PRECINCT NORTH C & D - STAGE 13 LOT 1095 DP1288471, 27 CESSNA AVENUE, COORANBONG DA/2234/2017/D
SURVEYED	ADW Johnson
DATUM	GDA94 M.G.A. ZONE 56
A.H.D.	

PROJECT	POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION		
PLAN TITLE	OVERALL SITE PLAN		
PROJECT No	239078(7)13	DISCIPLINE	WAC
NUMBER	003	REV	1



LEGEND

- W PVC-M POTABLE WATER RETICULATION
- PWS PE POTABLE WATER PROPERTY SERVICE
- CONDUIT FOR PROPERTY SERVICE LATERAL
- PROPOSED GUARDRAIL (REFER ENGINEERING PLANS)
- RW PVC-M RECYCLED WATER RETICULATION
- SP PE PRESSURE SEWER RETICULATION
- EX PW EXISTING POTABLE WATER RETICULATION
- EX RW EXISTING RECYCLED WATER RETICULATION
- EX PS EXISTING PRESSURE SEWER RETICULATION
- SW STORMWATER PIPEWORK
- S.V. STOP VALVE
- HYD HYDRANT
- FL. HYD. FLUSHING HYDRANT
- L.A.Y. LAY WATER MAIN OVER STORMWATER PIPE (300mm MIN. VERTICAL CLEARANCE) - REFER TO WAT-1255-H
- PROPERTY SERVICE CONNECTION
- PROPOSED EASEMENT
- LIMIT OF WORKS

POTABLE WATER PROPERTY SERVICE CONNECTIONS

- TOTAL 18 CONNECTIONS
- SINGLE SERVICES IN ACCORDANCE WITH WAT-106-V
- 1 x SHORT SIDE
- 11 x LONG SIDE
- SPLIT SERVICES IN ACCORDANCE WITH WAT-107-V
- 3 x SHORT SIDE
- 0 x LONG SIDE

POTABLE WATER PIPE DATA

PIPE SIZE (mm)	PIPE MATERIAL	TOTAL LENGTH (m)
DN100	PVC-M PN16	525

NOTES

- FOR RECYCLED WATER PIPEWORK DETAIL PLANS REFER TO DRGS-201 TO 203.
- FOR PRESSURE SEWER PIPEWORK DETAIL PLANS REFER TO DRGS-301 TO 303.
- FOR TYPICAL SERVICE CONNECTION DETAILS REFER TO DRG-403.

CONTOUR INTERVAL = 0.1m

ORIGIN OF W.A.C. LEVELS

PM	57535	Co-Ord System	MGA Ground
E	3455423.957		
N	6340377.094		MGA Datum
RL	20.139m		MGA Zone 56

WORK AS CONSTRUCTED

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COMPANY	ADW Johnson Pty Ltd	COMPANY	
NAME	NICK GANN	NAME	
SIGNED		SIGNED	
REGISTERED SURVEYOR		REGISTERED SURVEYOR	
DATE	09/02/2026	DATE	
		CONSTRUCTION MANAGER	



REV	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES
A	20.09.2024	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.	A1 / A3
B	1.11.2024	REVISED ISSUE	L.S.	M.K.	M.K.	L.G.	1250 / 1500
O	21.03.2025	CONSTRUCTION ISSUE	I.B.	M.K.	M.K.	L.G.	
1	10.02.2026	WORK AS CONSTRUCTED	I.B.	M.K.	M.K.	L.G.	

DESIGN FILE: N:\239078\239078(7)\DWG\Water & Sewer\WAT\Stage 9\239078(7)13-WAT-DESIGN.dwg
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Unit 7/335 Hillsborough Rd
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 Phone: (02) 4978 5100
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 www.adwjohnson.com.au
 ABN 62 129 445 398

CLIENT

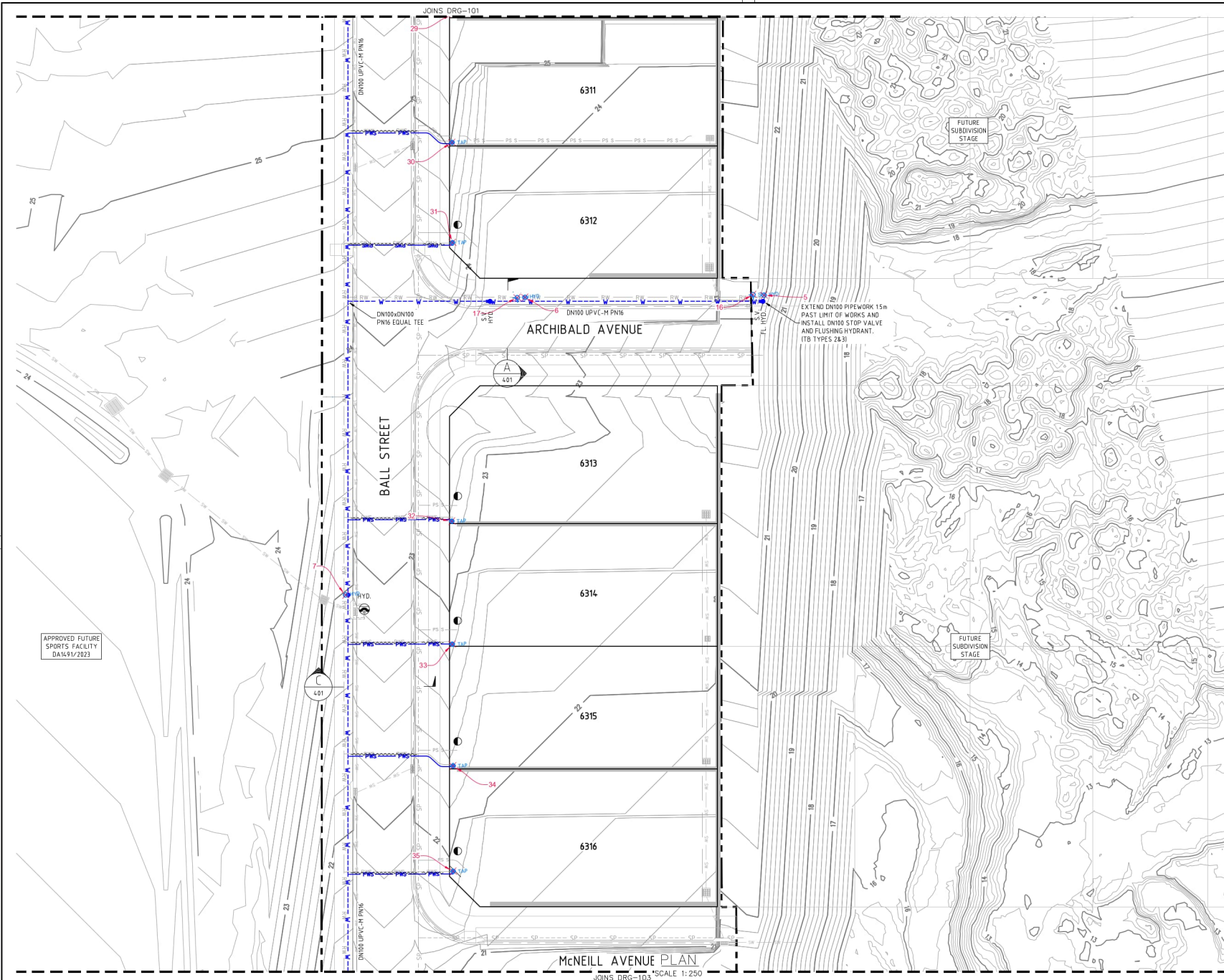
PROPERTY DESCRIPTION
 WATAGAN PARK
 PROPOSED SUBDIVISION
 PRECINCT NORTH C & D - STAGE 13
 LOT 1005 DP1288471
 27 CESSNA AVENUE, COORANBONG
 DA/2234/2017/D

SURVEYED ADW Johnson DATUM GDA94 M.G.A. ZONE 56 A.H.D.

PROJECT POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION

PLAN TITLE POTABLE WATER DETAIL PLAN - SHEET 1

PROJECT No	DISCIPLINE	NUMBER	REV
239078(7)13	- WAC	- 101	1



LEGEND

- W PVC-M POTABLE WATER RETICULATION
- PMS PE POTABLE WATER PROPERTY SERVICE
- PWS CONDUIT FOR PROPERTY SERVICE LATERAL
- PROPOSED GUARDRAIL (REFER ENGINEERING PLANS)
- RW PVC-M RECYCLED WATER RETICULATION
- RP PE PRESSURE SEWER RETICULATION
- EX PW EXISTING POTABLE WATER RETICULATION
- EX RW EXISTING RECYCLED WATER RETICULATION
- EX PS EXISTING PRESSURE SEWER RETICULATION
- SW STORMWATER PIPEWORK
- S.V. STOP VALVE
- HYD. HYDRANT
- FL. HYD. FLUSHING HYDRANT
- LAY WATER MAIN OVER STORMWATER PIPE (300mm MIN. VERTICAL CLEARANCE) - REFER TO WAT-1255-H
- PROPERTY SERVICE CONNECTION
- PROPOSED EASEMENT
- LIMIT OF WORKS

POTABLE WATER PROPERTY SERVICE CONNECTIONS
 TOTAL 18 CONNECTIONS
 • SINGLE SERVICES IN ACCORDANCE WITH WAT-106-V
 -1 x SHORT SIDE
 -11 x LONG SIDE
 • SPLIT SERVICES IN ACCORDANCE WITH WAT-107-V
 -3 x SHORT SIDE
 -0 x LONG SIDE

POTABLE WATER PIPE DATA

PIPE SIZE (mm)	PIPE MATERIAL	TOTAL LENGTH (m)
DN100	PVC-M PN16	525

- NOTES:**
- FOR RECYCLED WATER PIPEWORK DETAIL PLANS REFER TO DRGS-201 TO 203.
 - FOR PRESSURE SEWER PIPEWORK DETAIL PLANS REFER TO DRGS-301 TO 303.
 - FOR TYPICAL SERVICE CONNECTION DETAILS REFER TO DRG-403.
- CONTOUR INTERVAL = 0.1m

ORIGIN OF W.A.C. LEVELS

PM	57533	Co-Ord System	MGA Ground
E	3455423.957		
N	6340377.094	MGA Datum:	GDA94
RL	20.139m		MGA Zone: 56

WORK AS CONSTRUCTED
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COMPANY	ADW Johnson Pty Ltd	COMPANY	
NAME	NICK GANN	NAME	
SIGNED		SIGNED	
REGISTERED SURVEYOR	DATE 09/02/2026	REGISTERED SURVEYOR	DATE
		CONSTRUCTION MANAGER	



REV	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES
A	20.09.2024	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.	A1 / A3
B	1.11.2024	REVISED ISSUE	L.S.	M.K.	M.K.	L.G.	1250 / 1500
0	21.03.2025	CONSTRUCTION ISSUE	I.B.	M.K.	M.K.	L.G.	
1	10.02.2026	WORK AS CONSTRUCTED	I.B.	M.K.	M.K.	L.G.	

ALL DIMENSIONS ARE IN METRES U.N.O. DO NOT SCALE

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Johnson

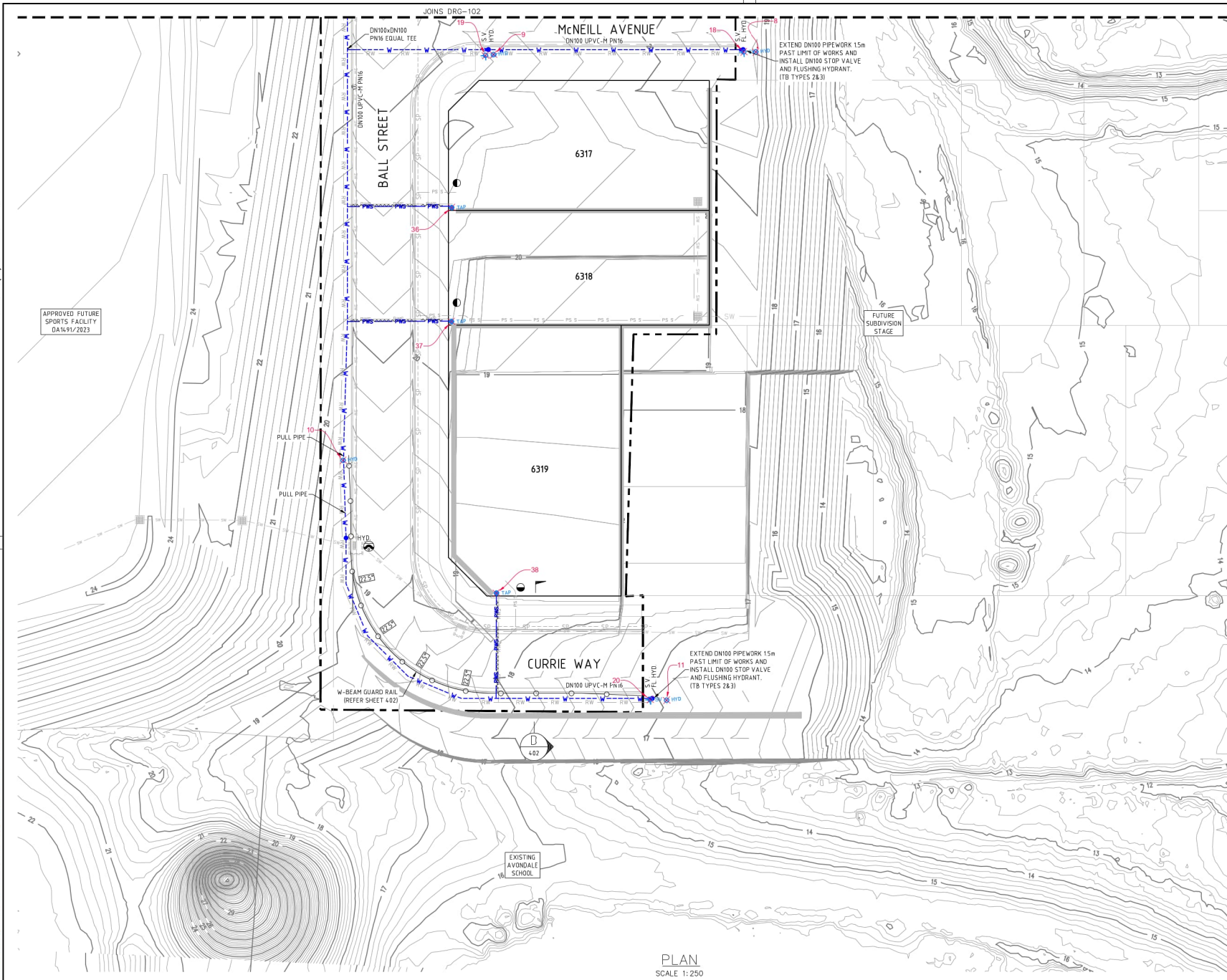
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 email: hunter@adw.johnson.com.au
 www.adw.johnson.com.au
 ABN 62 129 445 398

JOHNSON PROPERTY GROUP

CLIENT

PROPERTY DESCRIPTION
 WATAGAN PARK
 PROPOSED SUBDIVISION
 PRECINCT NORTH C & D - STAGE 13
 LOT 1005 DP1288471
 27 CESSNA AVENUE, COORANBONG
 DA/2234/2017/D

PROJECT	POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION		
PLAN TITLE	POTABLE WATER DETAIL PLAN - SHEET 2		
PROJECT No	239078(7)13	DISCIPLINE	WAC
NUMBER	102	REV	1



LEGEND

	PVC-M POTABLE WATER RETICULATION
	PE POTABLE WATER PROPERTY SERVICE CONDUIT FOR PROPERTY SERVICE LATERAL
	PROPOSED GUARDRAIL (REFER ENGINEERING PLANS)
	PVC-M RECYCLED WATER RETICULATION
	PE PRESSURE SEWER RETICULATION
	EXISTING POTABLE WATER RETICULATION
	EXISTING RECYCLED WATER RETICULATION
	EXISTING PRESSURE SEWER RETICULATION
	STORMWATER PIPEWORK
	STOP VALVE
	HYDRANT
	FLUSHING HYDRANT
	LAY WATER MAIN OVER STORMWATER PIPE (300mm MIN. VERTICAL CLEARANCE) - REFER TO WAT-1255-H
	PROPERTY SERVICE CONNECTION
	PROPOSED EASEMENT
	LIMIT OF WORKS

- POTABLE WATER PROPERTY SERVICE CONNECTIONS**
- TOTAL 18 CONNECTIONS
 - SINGLE SERVICES IN ACCORDANCE WITH WAT-1106-V
 - +1 x SHORT SIDE
 - 11 x LONG SIDE
 - SPLIT SERVICES IN ACCORDANCE WITH WAT-1107-V
 - +3 x SHORT SIDE
 - 0 x LONG SIDE

POTABLE WATER PIPE DATA

PIPE SIZE (mm)	PIPE MATERIAL	TOTAL LENGTH (m)
DN100	PVC-M PN16	525

- NOTES**
- FOR RECYCLED WATER PIPEWORK DETAIL PLANS REFER TO DRGS-201 TO 203.
 - FOR PRESSURE SEWER PIPEWORK DETAIL PLANS REFER TO DRGS-301 TO 303.
 - FOR TYPICAL SERVICE CONNECTION DETAILS REFER TO DRG-403.

CONTOUR INTERVAL = 0.1m

ORIGIN OF W.A.C. LEVELS

PM	57535	Co-Ord System	MGA Ground
E	3455423.957		
N	6340377.094	MGA Datum	GDA94
RL	20.139m		MGA Zone 56

WORK AS CONSTRUCTED

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COMPANY	ADW Johnson Pty Ltd	COMPANY	
NAME	NICK GANN	NAME	
SIGNED		SIGNED	
REGISTERED SURVEYOR	DATE 09/02/2026	REGISTERED SURVEYOR	DATE



PLAN SCALE 1:250

REV	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES
A	20.09.2024	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.	A1 / A3
B	1.11.2024	REVISED ISSUE	L.S.	M.K.	M.K.	L.G.	1:250 / 1:500
O	21.03.2025	CONSTRUCTION ISSUE	I.B.	M.K.	M.K.	L.G.	
1	10.02.2026	WORK AS CONSTRUCTED	I.B.	M.K.	M.K.	L.G.	

adw
Johnson

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Fax: (02) 4978 5199
email: hunter@adwjohnson.com.au
www.adwjohnson.com.au
ABN 62 129 445 398

JOHNSON PROPERTY GROUP

PROPERTY DESCRIPTION
WATAGAN PARK
PROPOSED SUBDIVISION
PRECINCT NORTH C & D - STAGE 13
LOT 1095 DP1288471
27 CESSNA AVENUE, COORANBONG
DA/2234/2017/D

CLIENT

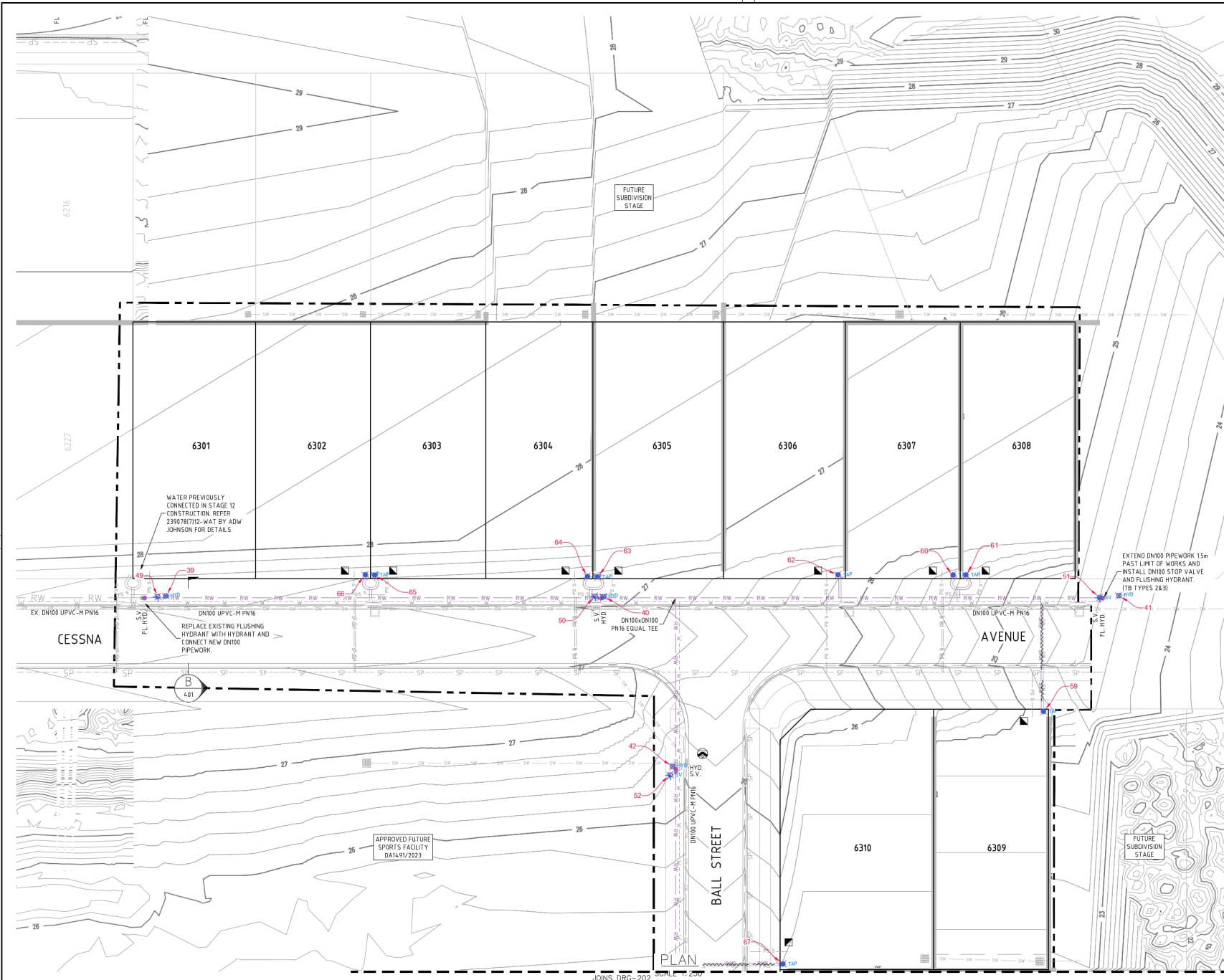
PROJECT POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION

PLAN TITLE POTABLE WATER DETAIL PLAN - SHEET 3

SURVEYED	ADW Johnson	DATUM	GD494 M.G.A. ZONE 56	A.H.D.			
PROJECT No	239078(7)13	DISCIPLINE	WAC	NUMBER	103	REV	1

239078(7)13-WAC-201 to 203

100mm AT FULL SIZE
This plan includes coloured information. If you have a black and white copy you do not have all of the information. This note is coloured RED.



- LEGEND**
- RW — RW — PVC-M RECYCLED WATER RETICULATION
 - RWS — RWS — PE RECYCLED WATER PROPERTY SERVICE CONDUIT FOR PROPERTY LATERAL
 - PROPOSED GUADRIL (REFER ENGINEERING PLANS)
 - SP — SP — PVC-M POTABLE WATER RETICULATION
 - PE — PE — PRESSURE SEWER RETICULATION
 - EX. PW — EX. PW — EXISTING POTABLE WATER RETICULATION
 - EX. RW — EX. RW — EXISTING RECYCLED WATER RETICULATION
 - EX. PS — EX. PS — EXISTING PRESSURE SEWER RETICULATION
 - SW — SW — STORMWATER PIPEWORK
 - S.V. — S.V. — STOP VALVE
 - HYD. — HYD. — HYDRANT
 - FL. HYD. — FL. HYD. — FLUSHING HYDRANT
 - LAY WATER MAIN OVER STORMWATER PIPE (300mm MIN. VERTICAL CLEARANCE) - REFER TO WAT-1255-H
 - PROPERTY SERVICE CONNECTION
 - PROPOSED EASEMENT
 - LIMIT OF WORKS

- RECYCLED WATER PROPERTY SERVICE CONNECTIONS**
- TOTAL 18 CONNECTIONS
 - + SINGLE SERVICES IN ACCORDANCE WITH WAT-106-V
 - 1 x SHORT SIDE
 - 11 x LONG SIDE
 - + SPLIT SERVICES IN ACCORDANCE WITH WAT-107-V
 - 3 x SHORT SIDE
 - 8 x LONG SIDE

RECYCLED WATER PIPE DATA		
PIPE SIZE (mm)	PIPE MATERIAL	TOTAL LENGTH (m)
DN100	PVC-M PN16	527

- NOTES**
- FOR POTABLE WATER PIPEWORK DETAIL PLANS REFER TO DRGS-101 TO 103.
 - FOR PRESSURE SEWER PIPEWORK DETAIL PLANS REFER TO DRGS-301 TO 303.
 - FOR TYPICAL SERVICE CONNECTION DETAILS REFER TO DRG-403.
- CONTOUR INTERVAL = 0.1m

ORIGIN OF W.A.C. LEVELS

PM	57535	Co-Ord System	MGA Ground
E	3455423.957		
N	6340377.094		MGA Datum: GDA94
RL	20.139m		MGA Zone: 56

WORK AS CONSTRUCTED

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COMPANY	ADW Johnson Pty Ltd	COMPANY	
NAME	NICK GANN	NAME	
SIGNED	DATE 09/02/2026	SIGNED	DATE
REGISTERED SURVEYOR		CONSTRUCTION MANAGER	



REV	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES
A	20.09.2024	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.	A1 / A3
B	1.11.2024	REVISED ISSUE	L.S.	M.K.	M.K.	L.G.	1250 / 1500
O	21.03.2025	CONSTRUCTION ISSUE	I.B.	M.K.	M.K.	L.C.	
1	10.02.2026	WORK AS CONSTRUCTED	I.B.	M.K.	M.K.	L.C.	

DESIGN FILE: N:\239078\239078(7)\DWG\Water & Sewer\WAT\Stage 9\239078(7)13-WAT-DESIGN.dwg
 ALL DIMENSIONS ARE IN METRES U.N.O. DO NOT SCALE
 Plotted By: tima Plot Date: 18/02/26 - 08:39 Cad File: \\adw-svr4\adw-dto\239078\239078(7)\DWG\Water & Sewer\WAT\Stage 13\Stage 13 WAC\239078(7)13-WAC-201 to 203.dwg

JOINS DRG-202

Hunter Office
 Unit 7/335 Hillsborough Rd
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 Phone: (02) 4978 5100
 Fax: (02) 4978 5199
 email: hunter@adwjohnson.com.au
 www.adwjohnson.com.au
 ABN 62 129 445 398

CLIENT

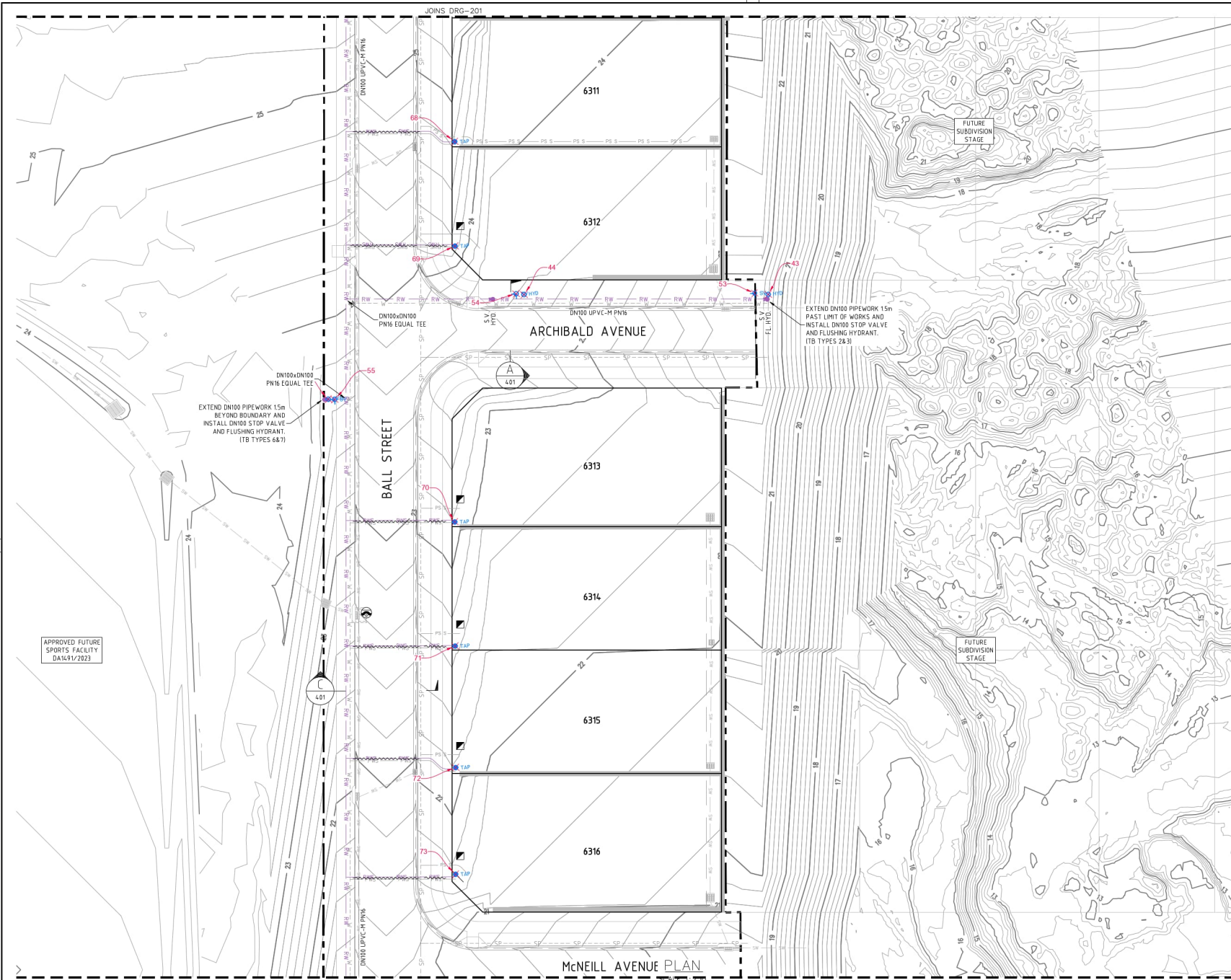
PROPERTY DESCRIPTION
 WATAGON PARK
 PROPOSED SUBDIVISION
 PRECINCT NORTH C & D - STAGE 13
 LOT 1005 DP1288471
 27 CESSNA AVENUE, COORANBONG
 DA/2234/2017/D

SURVEYED: ADW Johnson DATUM: GDA94 M.G.A. ZONE 56 A.H.D.

PROJECT	POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION		
PLAN TITLE	RECYCLED WATER DETAIL PLAN - SHEET 1		
PROJECT No	DISCIPLINE	NUMBER	REV
239078(7)13	- WAC	- 201	1

239078(7)13-WAC-201 to 203

10mm AT FULL SIZE
This plan includes coloured information. If you have a black and white copy you do not have all of the information. This note is coloured RED.



- LEGEND**
- RW — RW — PVC-M RECYCLED WATER RETICULATION
 - RWS — RWS — PE RECYCLED WATER PROPERTY SERVICE
 - — — — CONDUIT FOR PROPERTY LATERAL
 - — — — PROPOSED GUANDRAIL (REFER ENGINEERING PLANS)
 - — — — PVC-M POTABLE WATER RETICULATION
 - SP — SP — PE PRESSURE SEWER RETICULATION
 - EP — EP — EXISTING POTABLE WATER RETICULATION
 - ER — ER — EXISTING RECYCLED WATER RETICULATION
 - ES — ES — EXISTING PRESSURE SEWER RETICULATION
 - SW — SW — STORMWATER PIPEWORK
 - S.V. — S.V. — STOP VALVE
 - HYD. — HYD. — HYDRANT
 - FL. HYD. — FL. HYD. — FLUSHING HYDRANT
 - — — — LAY WATER MAIN OVER STORMWATER PIPE (300mm MIN. VERTICAL CLEARANCE) - REFER TO WAT-1255-H
 - — — — PROPERTY SERVICE CONNECTION
 - — — — PROPOSED EASEMENT
 - — — — LIMIT OF WORKS

- RECYCLED WATER PROPERTY SERVICE CONNECTIONS**
- TOTAL 18 CONNECTIONS
 - SINGLE SERVICES IN ACCORDANCE WITH WAT-1106-V
 - 1 x SHORT SIDE
 - 1 x LONG SIDE
 - SPLIT SERVICES IN ACCORDANCE WITH WAT-1107-V
 - 3 x SHORT SIDE
 - 8 x LONG SIDE

RECYCLED WATER PIPE DATA		
PIPE SIZE (mm)	PIPE MATERIAL	TOTAL LENGTH (m)
DN100	PVC-M PN16	527

- NOTES**
1. FOR POTABLE WATER PIPEWORK DETAIL PLANS REFER TO DRGS-101 TO 103.
 2. FOR PRESSURE SEWER PIPEWORK DETAIL PLANS REFER TO DRGS-301 TO 303.
 3. FOR TYPICAL SERVICE CONNECTION DETAILS REFER TO DRG-403.

CONTOUR INTERVAL = 0.1m

ORIGIN OF W.A.C. LEVELS

PM	57533	Co-Ord System	MGA Ground
E	3455423.957	MGA Datum	GDA94
N	6340377.094		
RL	20.139m		MGA Zone 56

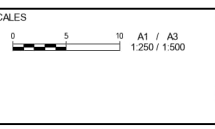
WORK AS CONSTRUCTED

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COMPANY	ADW Johnson Pty Ltd	COMPANY	
NAME	NICK GANN	NAME	
SIGNED		SIGNED	
REGISTERED SURVEYOR	DATE 09/02/2026	REGISTERED SURVEYOR	DATE
		CONSTRUCTION MANAGER	



REV	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES
A	20.09.2024	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.	A1 / A3
B	1.11.2024	REVISED ISSUE	L.S.	M.K.	M.K.	L.G.	1250 / 1500
O	21.03.2025	CONSTRUCTION ISSUE	I.B.	M.K.	M.K.	L.C.	
1	10.02.2026	WORK AS CONSTRUCTED	I.B.	M.K.	M.K.	L.C.	



JOINS DRG-203 SCALE 1:200

Hunter Office
 Unit 7/335 Hillsborough Rd
 Warners Bay N.S.W. 2282
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 ABN 62 129 445 398

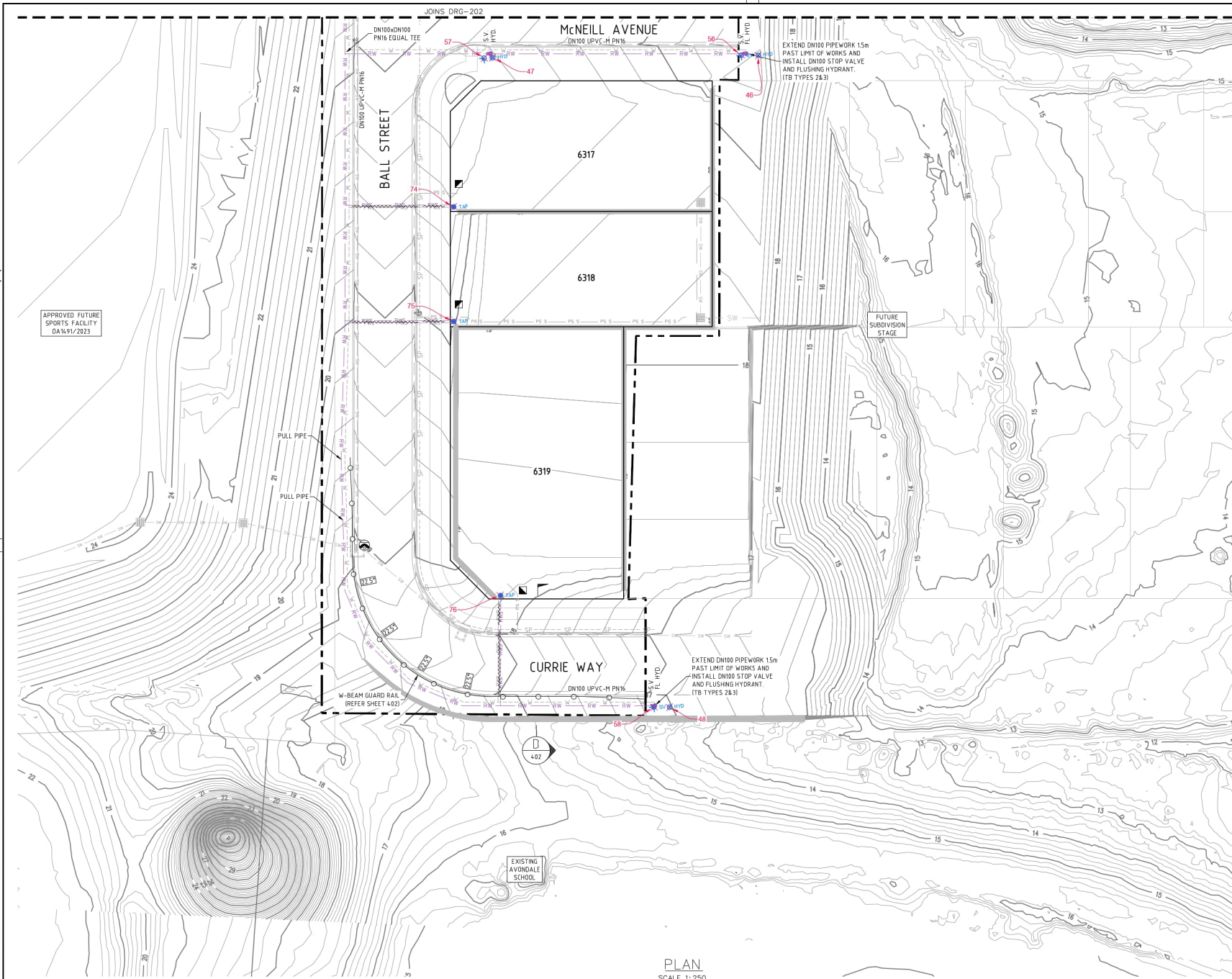
CLIENT

PROPERTY DESCRIPTION
WATAGAN PARK
 PROPOSED SUBDIVISION
 PRECINCT NORTH C & D - STAGE 13
 LOT 106 DP1288471
 27 CESSNA AVENUE, COORANBONG
 DA/2234/2017/D

PROJECT	POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION		
PLAN TITLE	RECYCLED WATER DETAIL PLAN - SHEET 2		
PROJECT No	DISCIPLINE	NUMBER	REV
239078(7)13	- WAC	- 202	1

239078(7)13-WAC-201 to 203

10mm AT FULL SIZE
This plan includes coloured information. If you have a black and white copy you do not have all of the information. This note is coloured RED.



- LEGEND**
- RW — RW — PVC-M RECYCLED WATER RETICULATION
 - RWS — RWS — PE RECYCLED WATER PROPERTY SERVICE CONDUIT FOR PROPERTY LATERAL
 - — — — — CONDUIT FOR PROPERTY LATERAL
 - — — — — W — W — PVC-M POTABLE WATER RETICULATION (REFER ENGINEERING PLANS)
 - SP — SP — PE PRESSURE SEWER RETICULATION
 - EP — EP — EXISTING POTABLE WATER RETICULATION
 - ER — ER — EXISTING RECYCLED WATER RETICULATION
 - PS — PS — EXISTING PRESSURE SEWER RETICULATION
 - SW — SW — STORMWATER PIPEWORK
 - S.V. — S.V. — STOP VALVE
 - HYD. — HYD. — HYDRANT
 - FL. HYD. — FL. HYD. — FLUSHING HYDRANT
 - — — — — LAY WATER MAIN OVER STORMWATER PIPE (300mm MIN. VERTICAL CLEARANCE) — REFER TO WAT-1255-H
 - — — — — PROPERTY SERVICE CONNECTION
 - — — — — PROPOSED EASEMENT
 - — — — — LIMIT OF WORKS

- RECYCLED WATER PROPERTY SERVICE CONNECTIONS**
- TOTAL 18 CONNECTIONS
 - SINGLE SERVICES IN ACCORDANCE WITH WAT-1106-V
 - 1 x SHORT SIDE
 - 1 x LONG SIDE
 - SPLIT SERVICES IN ACCORDANCE WITH WAT-1107-V
 - 3 x SHORT SIDE
 - 0 x LONG SIDE

RECYCLED WATER PIPE DATA		
PIPE SIZE (mm)	PIPE MATERIAL	TOTAL LENGTH (m)
DN100	PVC-M PN16	527

- NOTES**
1. FOR POTABLE WATER PIPEWORK DETAIL PLANS REFER TO DRGS-101 TO 103.
 2. FOR PRESSURE SEWER PIPEWORK DETAIL PLANS REFER TO DRGS-301 TO 303.
 3. FOR TYPICAL SERVICE CONNECTION DETAILS REFER TO DRG-403.

CONTOUR INTERVAL = 0.1m

ORIGIN OF W.A.C. LEVELS

PM	57533	Co-Ord System	MGA Ground
E	3455423.957	MGA Datum	GDA94
N	6340377.094		
RL	20.139m		MGA Zone 56

WORK AS CONSTRUCTED

THESE DRAWINGS ARE AN ACCURATE REPRESENTATION AS AT 09/02/2026 OF THE WORK AS CONSTRUCTED, BUT THE POSITION OF THE WORK RELATIVE TO OTHER STRUCTURES OR BOUNDARIES IS APPROXIMATE ONLY AND HAS NOT BEEN VERIFIED BY PRECISE SURVEY.

COMPANY	ADW Johnson Pty Ltd	COMPANY	
NAME	NICK GANN	NAME	
SIGNED		SIGNED	
REGISTERED SURVEYOR	DATE 09/02/2026	REGISTERED SURVEYOR	DATE 09/02/2026
		CONSTRUCTION MANAGER	



PLAN SCALE 1:250

REV	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES
A	20.09.2024	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.	A1 / A3
B	1.11.2024	REVISED ISSUE	L.S.	M.K.	M.K.	L.G.	1250 / 1500
0	21.03.2025	CONSTRUCTION ISSUE	I.B.	M.K.	M.K.	L.C.	
1	10.02.2026	WORK AS CONSTRUCTED	I.B.	M.K.	M.K.	L.C.	

adw johnson

Hunter Office
Unit 7/335 Hillsborough Rd
Warners Bay N.S.W. 2282
Phone: (02) 4978 5100
Fax: (02) 4978 5199
email: hunter@adwjohnson.com.au
www.adwjohnson.com.au
ABN 62 129 445 398

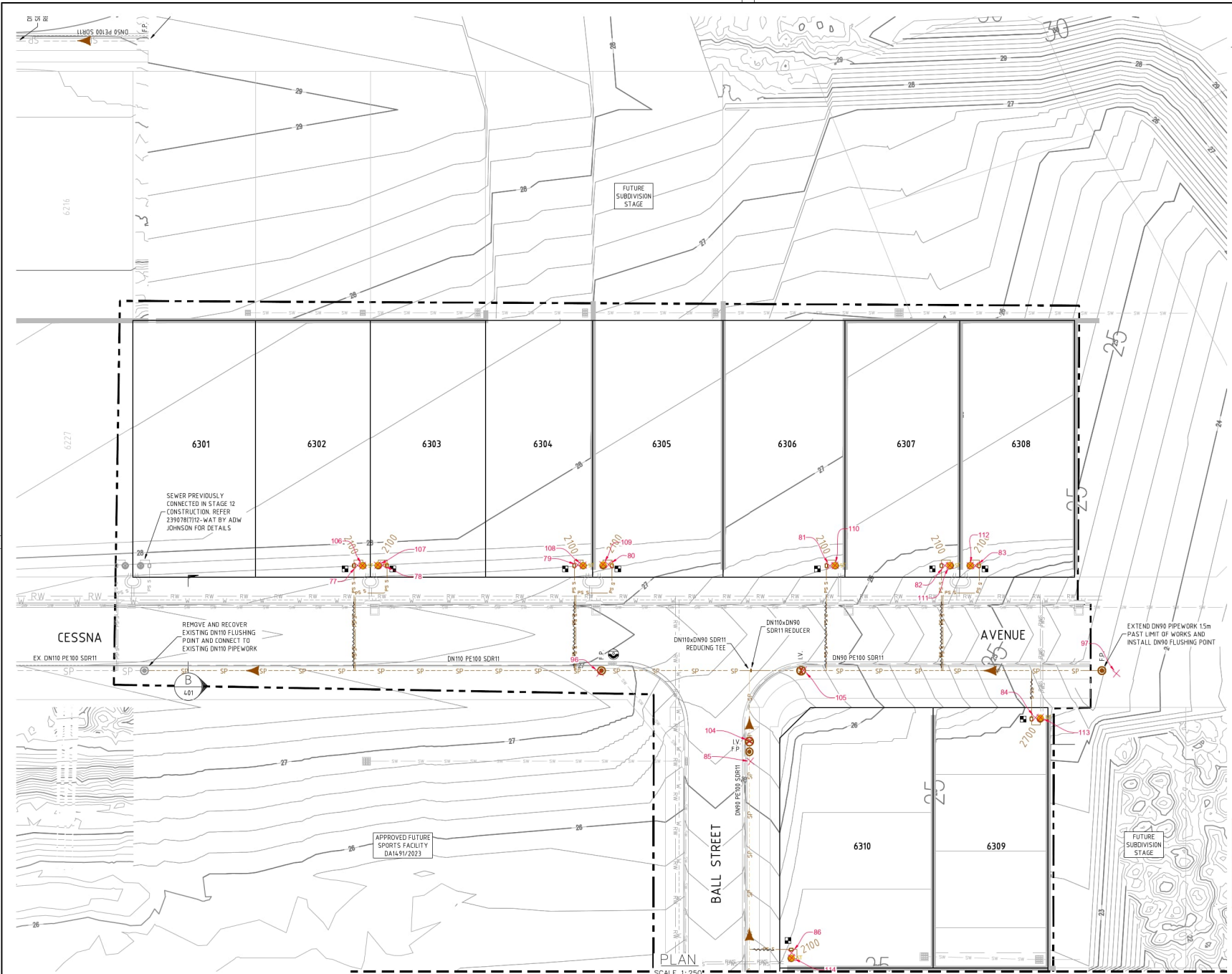
JOHNSON PROPERTY GROUP

PROPERTY DESCRIPTION
WATAGAN PARK PROPOSED SUBDIVISION PRECINCT NORTH C & D - STAGE 13 LOT 1095 DP1288471 - 27 CESSNA AVENUE, COORANBONG DA/2234/2017/D

PROJECT	POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION		
PLAN TITLE	RECYCLED WATER DETAIL PLAN - SHEET 3		
PROJECT No	DISCIPLINE	NUMBER	REV
239078(7)13	- WAC	- 203	1

239078(7)13-WAC-301 to 303

10mm AT FULL SIZE
This plan includes coloured information. If you have a black and white copy you do not have all of the information. This note is coloured RED.



- LEGEND**
- SP --- SP PE PRESSURE SEWER RETICULATION
 - PS S --- PS S PE PROPERTY SERVICE LATERAL
 - CONDUIT FOR PROPERTY SERVICE LATERAL
 - PROPOSED GUARDRAIL (REFER ENGINEERING PLANS)
 - PVC-M POTABLE WATER RETICULATION
 - PVC-M RECYCLED WATER RETICULATION
 - EX PS EXISTING PRESSURE SEWER RETICULATION
 - EX PW EXISTING POTABLE WATER RETICULATION
 - EX RW EXISTING RECYCLED WATER RETICULATION
 - SW --- SW STORMWATER PIPEWORK
 - I.V. ISOLATION VALVE
 - I.V. (N.C.) ISOLATION VALVE - NORMALLY CLOSED
 - F.P. FLUSHING POINT
 - BOUNDARY KIT
 - PRESSURE SEWER FLOW DIRECTION (ULTIMATE)
 - LAY PRESSURE SEWER MAIN UNDER STORMWATER PIPE (300mm MIN. VERTICAL CLEARANCE) - REFER TO WAT-1255-H
 - PROPERTY SERVICE CONNECTION - STD CONNECTION
 - PROPOSED EASEMENT
 - LIMIT OF WORKS
- PRESSURE SEWER PROPERTY SERVICE CONNECTIONS**
TOTAL 18 CONNECTIONS (INC. 2 IN ADJOINING STAGES)
 • SINGLE SERVICES
 - 11 x SHORT SIDE
 - 7 x LONG SIDE

PRESSURE SEWER PIPE DATA		
PIPE SIZE (mm)	PIPE MATERIAL	TOTAL LENGTH (m)
DN110	PE100 SDR11	79
DN90	PE100 SDR11	205
DN75	PE100 SDR11	111
DN63	PE100 SDR11	45
DN50	PE100 SDR11	43

- NOTES:**
- FOR POTABLE WATER PIPEWORK DETAIL PLANS REFER TO DRG-101 TO 103.
 - FOR RECYCLED WATER PIPEWORK DETAIL PLANS REFER TO DRG-201 TO 203.
 - FOR TYPICAL SERVICE CONNECTION DETAILS REFER TO DRG-403.
 - FOR FLUSHING POINT TYPICAL DETAILS REFER TO STANDARD DRAWING PSS-101-FS.
 - FOR FLOW MONITORING POINT TYPICAL DETAILS REFER TO STANDARD DRAWING PSS-115-FS.
 - CONTRACTOR MAY BEND POLYETHYLENE PIPEWORK IN PLACE OF USING STANDARD FITTINGS WITH A MIN BENDING RADIUS OF 20 x PIPE DIA.
 - ALL BENDS SHALL BE ELECTROFUSION SWEEP BENDS (FABRICATED BENDS SHALL NOT BE USED).
- CONTOUR INTERVAL = 0.1m

ORIGIN OF W.A.C. LEVELS

PW	57533	Co-Ord System: MGA Ground
E	3455423.957	MGA Datum: GDA94
N	6340377.094	MGA Zone: 56
RL	20.139m	

WORK AS CONSTRUCTED
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COMPANY	ADW Johnson Pty Ltd	COMPANY	
NAME	NICK GANN	NAME	
SIGNED		SIGNED	
REGISTERED SURVEYOR		REGISTERED SURVEYOR	
DATE	09/02/2026	DATE	
		CONSTRUCTION MANAGER	



REV	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES
A	20.09.2024	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.	A1 / A3
B	1.11.2024	REVISED ISSUE	L.S.	M.K.	M.K.	L.G.	1250 / 1500
O	21.03.2025	CONSTRUCTION ISSUE	I.B.	M.K.	M.K.	L.G.	
1	10.02.2026	WORK AS CONSTRUCTED	I.B.	M.K.	M.K.	L.G.	

DESIGN FILE: N:\239078\239078(7)\DWG\Water & Sewer\WAT\Stage 9\239078(7)13-WAT-DESIGN.dwg
 Plotted By: tima Plot Date: 18/02/26 - 08:39 Cad File: \\adw-svr4\adw-dto\239078\239078(7)\DWG\Water & Sewer\WAT\Stage 13\Stage 13 WAC\239078(7)13-WAC-301 to 303.dwg

SCALE 1:250

adw
Johnson

Hunter Office
 Unit 7/335 Hillsborough Rd
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 Phone: (02) 4978 5100
 Fax: (02) 4978 5199
 email: hunter@adwjohnson.com.au
 www.adwjohnson.com.au
 ABN 62 129 445 398

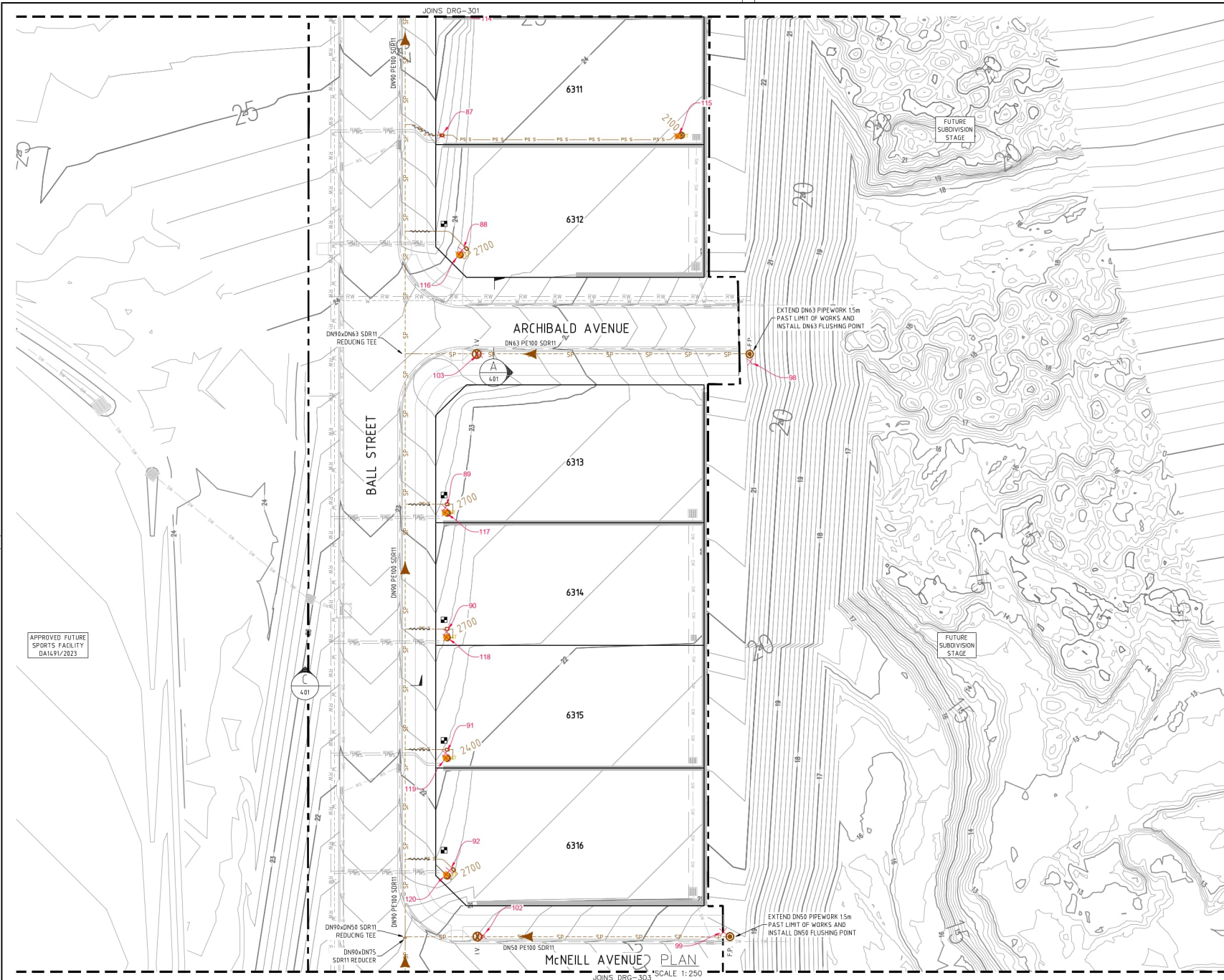
JOHNSON PROPERTY GROUP

PROPERTY DESCRIPTION
WATAGAN PARK
 PROPOSED SUBDIVISION
 PRECINCT NORTH C & D - STAGE 13
 LOT 1005 DPI#288471
 27 CESSNA AVENUE, COORANBONG
 DA/2234/2017/D

PROJECT	POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION		
PLAN TITLE	PRESSURE SEWER DETAIL PLAN - SHEET 1		
PROJECT No	DISCIPLINE	NUMBER	REV
239078(7)13	- WAC	- 301	1

239078(7)13-WAC-301 to 303

10mm AT FULL SIZE
This plan includes coloured information. If you have a black and white copy you do not have all of the information. This note is coloured RED.



- LEGEND**
- SP --- SP PE PRESSURE SEWER RETICULATION
 - PS S --- PS S PE PROPERTY SERVICE LATERAL
 - CONDUIT FOR PROPERTY SERVICE LATERAL
 - PROPOSED GUARDRAIL (REFER ENGINEERING PLANS)
 - PVC-M POTABLE WATER RETICULATION
 - PVC-M RECYCLED WATER RETICULATION
 - EXISTING PRESSURE SEWER RETICULATION
 - EXISTING POTABLE WATER RETICULATION
 - EXISTING RECYCLED WATER RETICULATION
 - STORMWATER PIPEWORK
 - I.V. ISOLATION VALVE
 - I.V. (N.C.) ISOLATION VALVE - NORMALLY CLOSED
 - F.P. FLUSHING POINT
 - BOUNDARY KIT
 - PRESSURE SEWER FLOW DIRECTION (ULTIMATE)
 - LAY PRESSURE SEWER MAIN UNDER STORMWATER PIPE (300mm MIN. VERTICAL CLEARANCE) - REFER TO WAT-1255-H
 - PROPERTY SERVICE CONNECTION - STD CONNECTION
 - PROPOSED EASEMENT
 - LIMIT OF WORKS

PE PRESSURE SEWER PROPERTY SERVICE CONNECTIONS
TOTAL 18 CONNECTIONS (INC. 2 IN ADJOINING STAGES)
 • SINGLE SERVICES
 - 11 x SHORT SIDE
 - 7 x LONG SIDE

PRESSURE SEWER PIPE DATA		
PIPE SIZE (mm)	PIPE MATERIAL	TOTAL LENGTH (m)
DN110	PE100 SDR11	79
DN90	PE100 SDR11	205
DN75	PE100 SDR11	111
DN63	PE100 SDR11	45
DN50	PE100 SDR11	43

- NOTES:**
- FOR POTABLE WATER PIPEWORK DETAIL PLANS REFER TO DRGS-101 TO 103.
 - FOR RECYCLED WATER PIPEWORK DETAIL PLANS REFER TO DRGS-201 TO 203.
 - FOR TYPICAL SERVICE CONNECTION DETAILS REFER TO DRG-403.
 - FOR FLUSHING POINT TYPICAL DETAILS REFER TO STANDARD DRAWING PSS-1011-FS.
 - FOR FLOW MONITORING POINT TYPICAL DETAILS REFER TO STANDARD DRAWING PSS-1115-FS.
 - CONTRACTOR MAY BEND POLYETHYLENE PIPEWORK IN PLACE OF USING STANDARD FITTINGS WITH A MIN BENDING RADIUS OF 20 x PIPE DIA.
 - ALL BENDS SHALL BE ELECTROFUSION SWEEP BENDS (FABRICATED BENDS SHALL NOT BE USED).
- CONTOUR INTERVAL = 0.1m

ORIGIN OF W.A.C. LEVELS

P.M.	57533	Co-Ord System: MGA Ground
E.	3455423 957	MGA Datum: GDA94
N.	6340377 094	MGA Zone: 56
RL.	20.139m	

WORK AS CONSTRUCTED
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COMPANY	ADW Johnson Pty Ltd	COMPANY	
NAME	NICK GANN	NAME	
SIGNED		DATE	09/02/2026
	REGISTERED SURVEYOR	SIGNED	
		DATE	
			CONSTRUCTION MANAGER



REV	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES
A	20.09.2024	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.	0 5 10 A1 / A3
B	1.11.2024	REVISED ISSUE	L.S.	M.K.	M.K.	L.G.	1:250 / 1:500
0	21.03.2025	CONSTRUCTION ISSUE	I.B.	M.K.	M.K.	L.C.	
1	10.02.2026	WORK AS CONSTRUCTED	I.B.	M.K.	M.K.	L.C.	

DESIGN FILE: N:\239078\239078(7)\DWG\Water & Sewer\WAT\Stage 9\239078(7)13-WAT-DESIGN.dwg
 Plotted By: tima Plot Date: 18/02/26 - 08:39 Cad File: \\adw-svr4\adw-dto\239078\239078(7)\DWG\Water & Sewer\WAT\Stage 13\Stage 13 WAC\239078(7)13-WAC-301 to 303.dwg

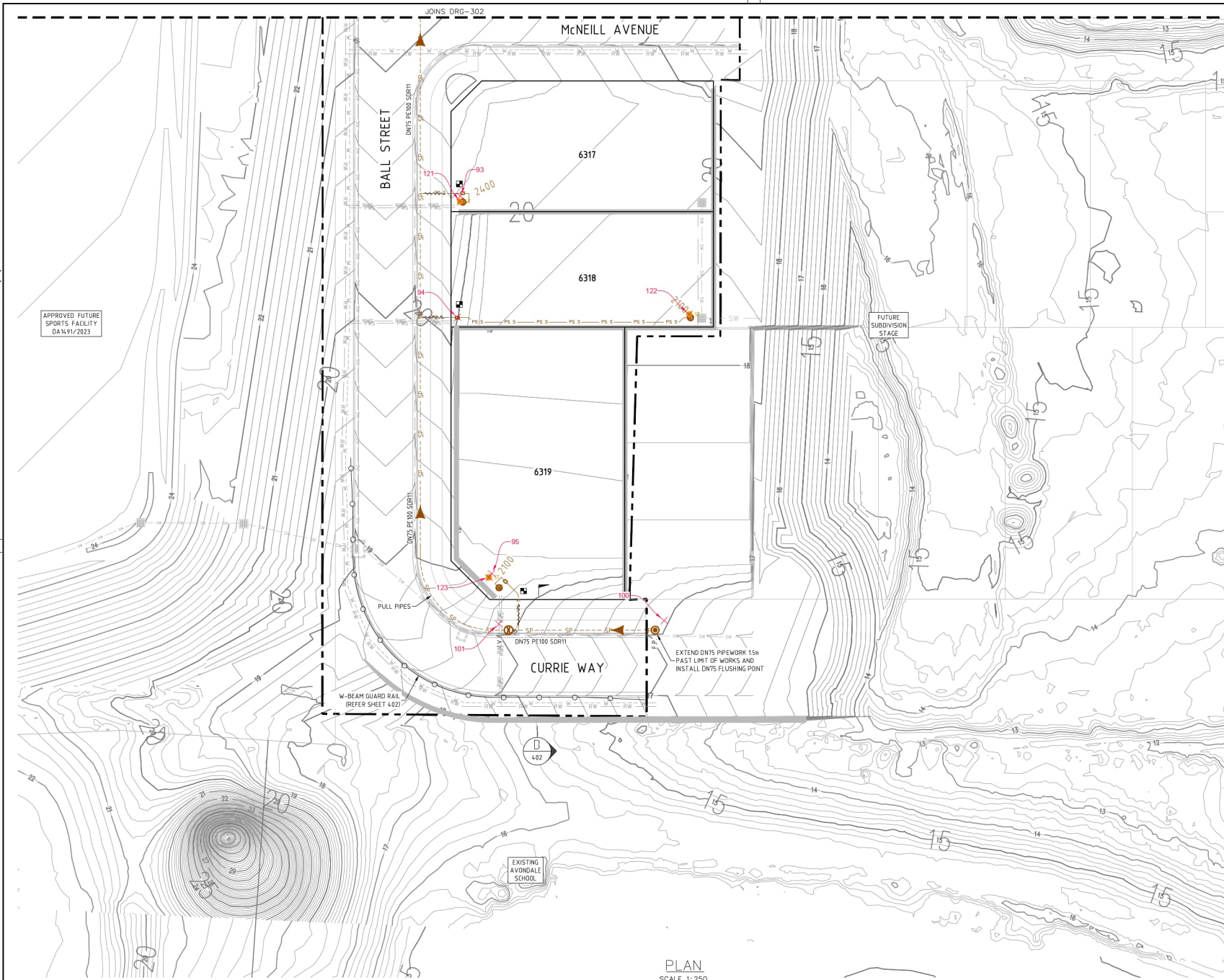
Hunter Office
 Unit 7/335 Hillsborough Rd
 Warners Bay N.S.W. 2282
 Phone: (02) 4978 5100
 Fax: (02) 4978 5199
 email: hunter@adwjohnson.com.au
 www.adwjohnson.com.au
 ABN 62 129 445 398

adw johnson

	CLIENT WATAGAN PARK PROPOSED SUBDIVISION PRECINCT NORTH C & D - STAGE 13 LOT 1005 DPI288471 27 CESSNA AVENUE, COORANBONG DA/2234/2017/D	PROJECT POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION PLAN TITLE PRESSURE SEWER DETAIL PLAN - SHEET 2
	SURVEYED ADW Johnson	DATUM GDA94 M.G.A. ZONE 56 A.H.D.

239078(7)13-WAC-301 to 303

10mm AT FULL SIZE
This plan includes coloured information. If you have a black and white copy you do not have all of the information. This note is coloured RED.



- LEGEND**
- SP --- SP --- PE PRESSURE SEWER RETICULATION
 - PS S --- PS S --- PE PROPERTY SERVICE LATERAL
 - --- PROPOSED GUARDRAIL (REFER ENGINEERING PLANS)
 - PVC-M --- PVC-M POTABLE WATER RETICULATION
 - --- PVC-M RECYCLED WATER RETICULATION
 - EX PS --- EX PS --- EXISTING PRESSURE SEWER RETICULATION
 - EX PW --- EX PW --- EXISTING POTABLE WATER RETICULATION
 - EX RW --- EX RW --- EXISTING RECYCLED WATER RETICULATION
 - SW --- SW --- STORMWATER PIPEWORK
 - I.V. --- I.V. --- ISOLATION VALVE
 - I.V. (N.C.) --- I.V. (N.C.) --- ISOLATION VALVE - NORMALLY CLOSED
 - F.P. --- F.P. --- FLUSHING POINT
 - --- BOUNDARY KIT
 - --- PRESSURE SEWER FLOW DIRECTION (ULTIMATE)
 - --- LAY PRESSURE SEWER MAIN UNDER STORMWATER PIPE (300mm MIN. VERTICAL CLEARANCE) - REFER TO WAT-1255-H
 - --- PROPERTY SERVICE CONNECTION - STD CONNECTION
 - --- PROPOSED EASEMENT
 - --- LIMIT OF WORKS
- PRESSURE SEWER PROPERTY SERVICE CONNECTIONS
 TOTAL 18 CONNECTIONS (INC. 2 IN ADJOINING STAGES)
 • SINGLE SERVICES
 - 11 x SHORT SIDE
 - 7 x LONG SIDE

PRESSURE SEWER PIPE DATA		
PIPE SIZE (mm)	PIPE MATERIAL	TOTAL LENGTH (m)
DN110	PE100 SDR11	79
DN90	PE100 SDR11	205
DN75	PE100 SDR11	111
DN63	PE100 SDR11	45
DN50	PE100 SDR11	43

- NOTES:**
- FOR POTABLE WATER PIPEWORK DETAIL PLANS REFER TO DRG-1001 TO 103.
 - FOR RECYCLED WATER PIPEWORK DETAIL PLANS REFER TO DRG-201 TO 203.
 - FOR TYPICAL SERVICE CONNECTION DETAILS REFER TO DRG-403.
 - FOR FLUSHING POINT TYPICAL DETAILS REFER TO STANDARD DRAWING PSS-1015-FS.
 - FOR FLOW MONITORING POINT TYPICAL DETAILS REFER TO STANDARD DRAWING PSS-1115-FS.
 - CONTRACTOR MAY BEND POLYETHYLENE PIPEWORK IN PLACE OF USING STANDARD FITTINGS WITH A MIN BENDING RADIUS OF 20 x PIPE DIA.
 - ALL BENDS SHALL BE ELECTROFUSION SWEEP BENDS (FABRICATED BENDS SHALL NOT BE USED).**
- CONTOUR INTERVAL = 0.1m

ORIGIN OF W.A.C. LEVELS

PM	57533	Co-Ord System	MGA Ground
E	3455423.957		
N	6340377.094	MGA Datum	GDA94
RL	20.139m		MGA Zone 56

WORK AS CONSTRUCTED

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COMPANY	ADW Johnson Pty Ltd	COMPANY	
NAME	NICK GANN	NAME	
SIGNED		SIGNED	
REGISTERED SURVEYOR	DATE 09/02/2026	REGISTERED SURVEYOR	DATE
		CONSTRUCTION MANAGER	



PLAN
SCALE 1:250

REV	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES
A	20.09.2024	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.	A1 / A3
B	1.11.2024	REVISED ISSUE	L.S.	M.K.	M.K.	L.G.	1250 / 1500
0	21.03.2025	CONSTRUCTION ISSUE	I.B.	M.K.	M.K.	L.C.	
1	10.02.2026	WORK AS CONSTRUCTED	I.B.	M.K.	M.K.	L.C.	

ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED. DO NOT SCALE.

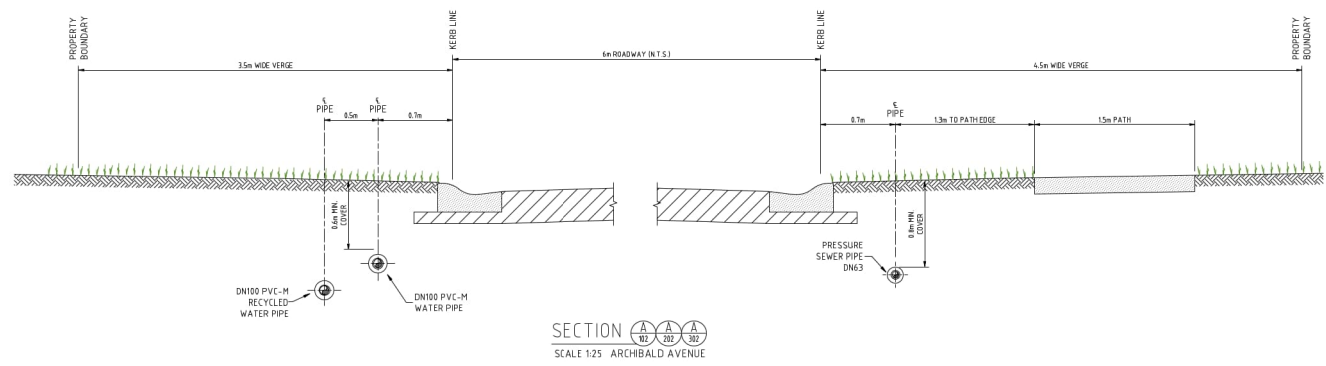
adw
johnson

Hunter Office
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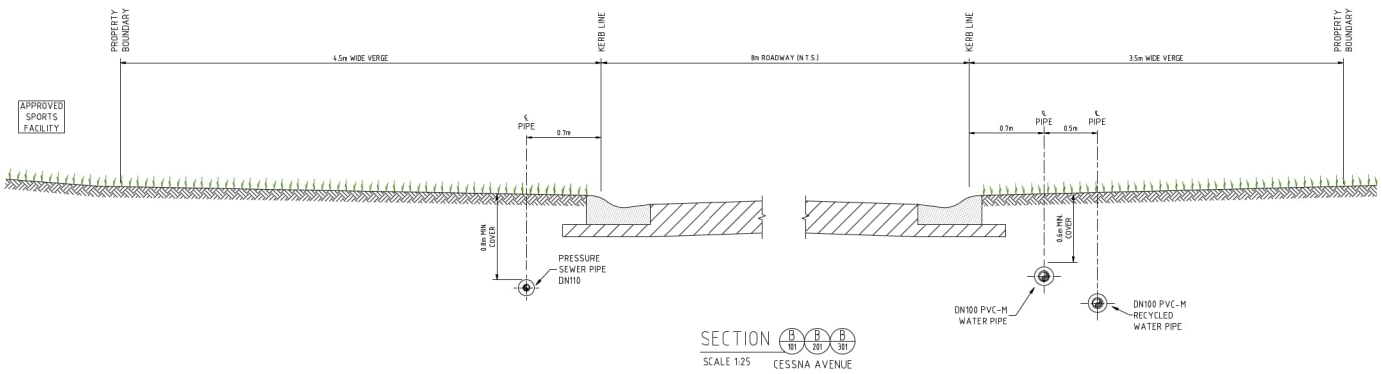
JOHNSON PROPERTY GROUP

PROPERTY DESCRIPTION
WATAGAN PARK
PROPOSED SUBDIVISION
PRECINCT NORTH C & D - STAGE 13
LOT 1095 DP1288471,
27 CESSNA AVENUE, COORANBONG
DA/2234/2017/D

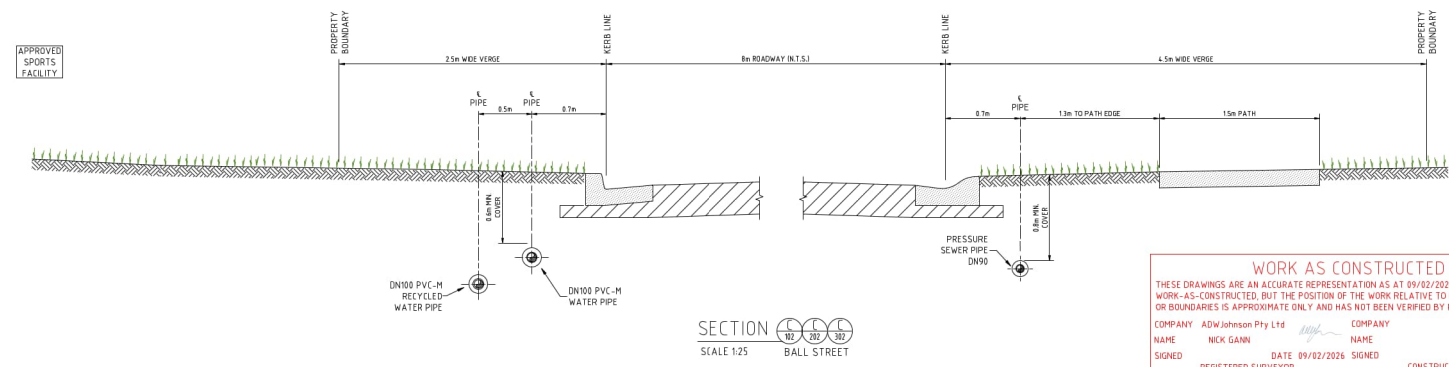
PROJECT	POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION		
PLAN TITLE	PRESSURE SEWER DETAIL PLAN - SHEET 3		
SURVEYED	ADW Johnson	DATUM	GD494 M.G.A. ZONE 56 A.H.D.
PROJECT No	239078(7)13	DISCIPLINE	WAC
NUMBER	303	REV	1



SECTION A-A
SCALE 1:25 ARCHIBALD AVENUE



SECTION B-B
SCALE 1:25 CESSNA AVENUE



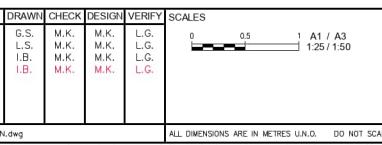
SECTION C-C
SCALE 1:25 BALL STREET

ORIGIN OF W.A.C. LEVELS
 PM: 20029
 E: 34,5612,942
 N: 6302878,917
 RL: 77.675m
 Co-Ord System: MGA Ground
 MGA Datum: GDA94
 MGA Zone: 56

WORK AS CONSTRUCTED
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 COMPANY: ADW Johnson Pty Ltd
 NAME: NICK GANN
 SIGNED: [Signature]
 REGISTERED SURVEYOR
 DATE: 09/02/2026
 SIGNED: [Signature]
 CONSTRUCTION MANAGER



REV	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES
A	20.09.2024	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.	1 A1 / A3
B	1.11.2024	REVISED ISSUE	L.S.	M.K.	M.K.	L.G.	1.25 / 1.50
0	21.03.2025	CONSTRUCTION ISSUE	I.B.	M.K.	M.K.	L.C.	
1	10.02.2026	WORK AS CONSTRUCTED	I.B.	M.K.	M.K.	L.C.	

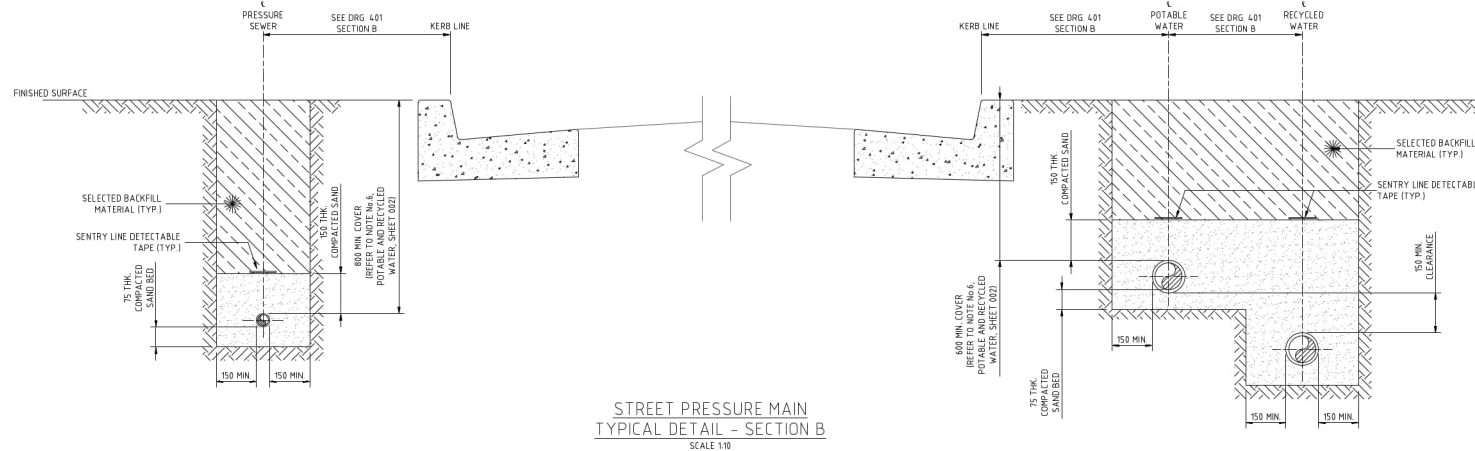
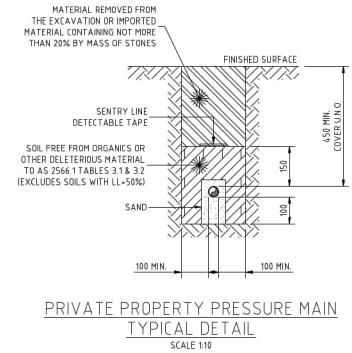
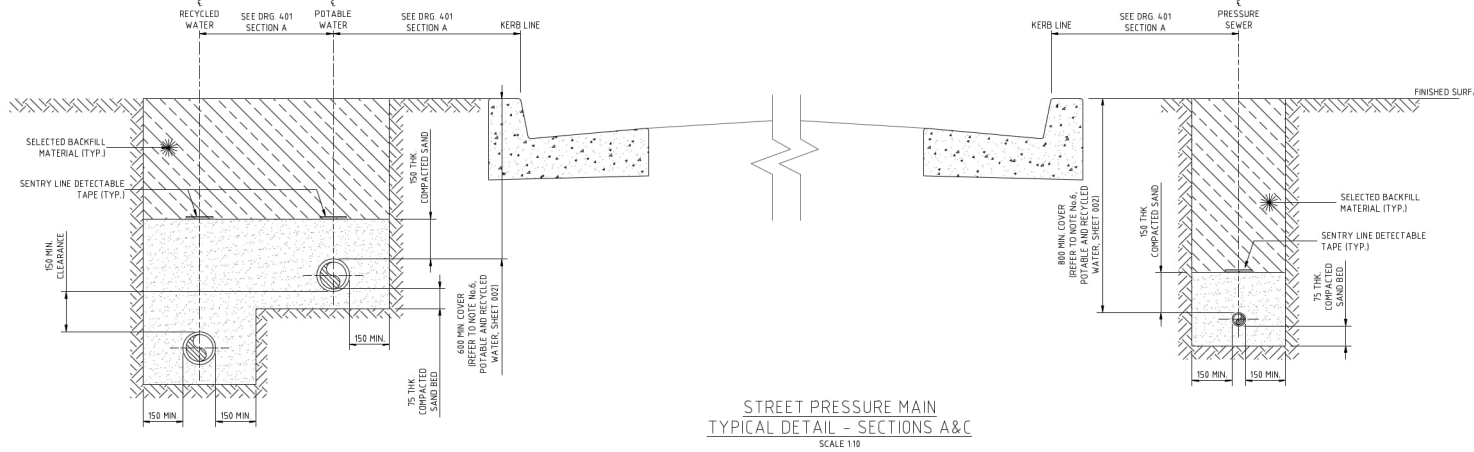
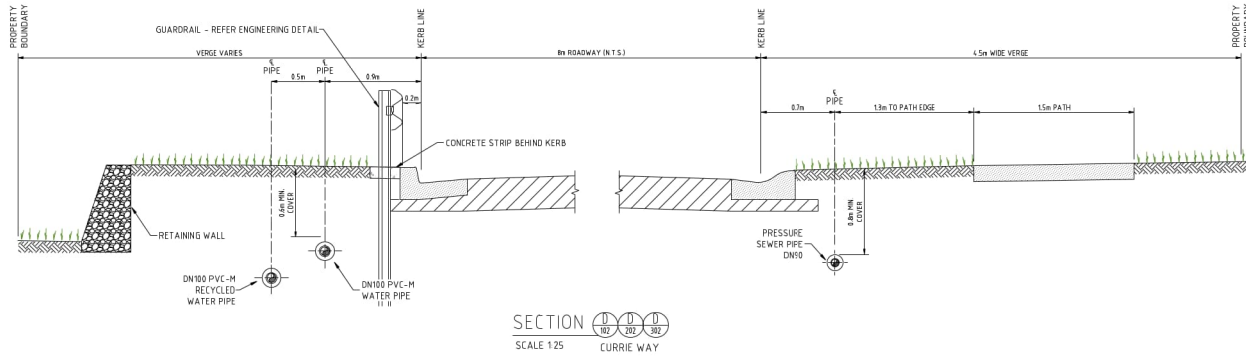


adw Johnson
 Hunter Office
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 Phone: (02) 4978 5100
 Fax: (02) 4978 5199
 email: hunter@adwjohnson.com.au
 www.adwjohnson.com.au
 ABN 62 129 445 398

JOHNSON PROPERTY GROUP

PROPERTY DESCRIPTION
WATAGAN PARK
 PROPOSED SUBDIVISION
 PRECINCT NORTH C & D - STAGE 13
 LOT 1095 DP1288471,
 27 CESSNA AVENUE, COORANBONG
 DA/2234/2017/D

PROJECT		POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION		
PLAN TITLE		TYPICAL CROSS SCCTIONS: A & B		
SURVEYED	DATUM	PROJECT No	DISCIPLINE	NUMBER
ADW Johnson	GDA94 M.G.A. ZONE 56	239078(7)13	WAC	401
				REV
				1



ORIGIN OF W.A.C. LEVELS			
PM	2022/3	Co-Ord System	MGA Ground
E	345492.942		
N	638278.917	MGA Datum	GDA94
RL	77.675m		MGA Zone 56

WORK AS CONSTRUCTED			
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COMPANY	ADW Johnson Pty Ltd	COMPANY	
NAME	NICK GANN	NAME	
SIGNED		SIGNED	
REGISTERED SURVEYOR	DATE 09/02/2026	REGISTERED SURVEYOR	DATE
		CONSTRUCTION MANAGER	



REV	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES
A	20.09.2024	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.	A1 / A3
B	1.11.2024	REVISED ISSUE	L.S.	M.K.	M.K.	L.G.	
0	21.03.2025	CONSTRUCTION ISSUE	I.B.	M.K.	M.K.	L.G.	1:10 / 1:20
1	10.02.2026	WORK AS CONSTRUCTED	I.B.	M.K.	M.K.	L.G.	

DESIGN FILE	ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE
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adw
Johnson

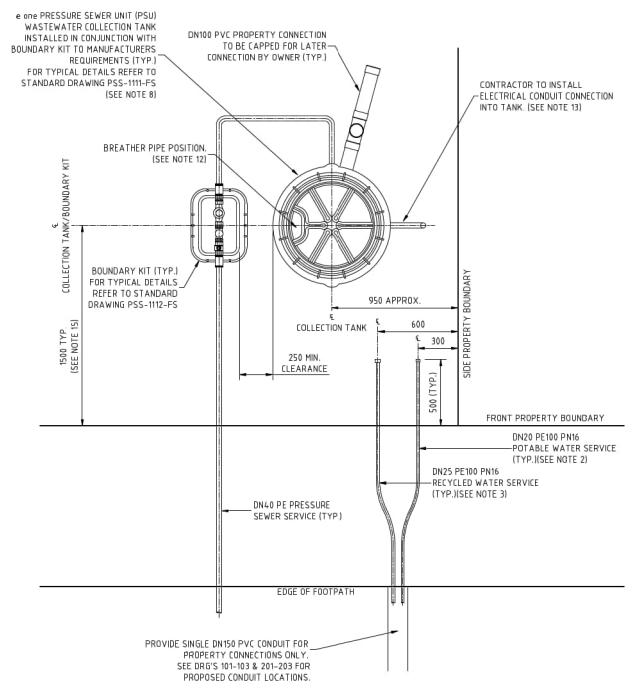
Hunter Office
Unit 7/335 Hillsborough Rd
Warners Bay N.S.W. 2282
Phone: (02) 4978 5100
Fax: (02) 4978 5199
email: hunter@adwjohnson.com.au
www.adwjohnson.com.au
ABN 62 129 445 398

CLIENT

JOHNSON PROPERTY GROUP

PROPERTY DESCRIPTION	DATUM
WATAGAN PARK PROPOSED SUBDIVISION PRECINCT NORTH C & D - STAGE 13 LOT 1095 DP1288471 27 CESSNA AVENUE, COORANBONG DA/2234/2017/D	GD494 M.G.A. ZONE 56

PROJECT	PLAN TITLE	PROJECT No	DISCIPLINE	NUMBER	REV
POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION	TYPICAL PIPEWORK TRENCHING DETAILS	239078(7)13	WAC	402	1



TYPICAL PROPERTY CONNECTION DETAIL
THROUGH COMMON CONDUIT
SCALE 1:20

NOTES:

- PROPERTY SERVICE CONNECTIONS SHALL BE IN ACCORDANCE WITH WSA STANDARD DRAWINGS FOR DUAL WATER SUPPLY SYSTEMS (SYDNEY WATER VERSION) (SUPPLEMENT TO WSA 93-2011).
- DN20 PE100 PN16 POTABLE WATER SERVICE TO EXTEND 500mm BEYOND PROPERTY BOUNDARY AND BE CAPPED FOR LATER CONNECTION BY PROPERTY OWNER.
- DN25 PE100 PN16 RECYCLED WATER SERVICE TO EXTEND 500mm BEYOND PROPERTY BOUNDARY AND BE CAPPED FOR LATER CONNECTION BY PROPERTY OWNER.
- FOR PROPERTY CONNECTIONS WHERE A RETAINING WALL IS NOT PRESENT, SERVICES ARE TO BE OFFSET FROM THE PROPERTY BOUNDARY.
- WHERE SERVICE CONNECTIONS ARE LOCATED ADJACENT TO TELSTRA PITS/ELECTRICAL PILLARS, A MINIMUM CLEARANCE OF 200mm BETWEEN PITS AND SERVICE PIPEWORK IS TO BE MAINTAINED.
- MINIMUM BENDING RADIUS FOR PE PIPEWORK IS TO BE 20 x PIPE DIAMETER.
- ALL POLYETHYLENE FITTINGS SHALL BE JOINED USING ELECTROFUSION JOINTING TECHNIQUES IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS. ROTATE BENDS AS NECESSARY.
- PRESSURE SEWER UNIT (PSU) IS TO HAVE 500mm CLEARANCE FROM INTER ALLLOTMENT DRAINAGE EASEMENT (IF PRESENT), REAR PROPERTY BOUNDARY RETAINING WALL (IF PRESENT) OR REAR PROPERTY BOUNDARY. PRESSURE SEWER UNIT (PSU) IS TO HAVE 2150mm CLEARANCE FROM BUILDING STRUCTURES.
- Ø25 ELECTRICAL CONDUIT IS TO EXTEND FROM CONNECTION WITH PRESSURE SEWER UNIT (PSU) TO NOM 500mm INSIDE FRONT PROPERTY BOUNDARY AND BE CAPPED. ELECTRICAL CONDUIT IS TO BE HEAVY DUTY ORANGE. ALL CONDUIT BENDS ARE TO BE LARGE RADIUS SWEEP BENDS.
- FOR MORE INFORMATION REFER TO FLOW SYSTEMS STANDARD DRAWING FSI-1000-FS.
- FOR ALTERNATE TANK AND BOUNDARY CONFIGURATIONS, AND DETAILS FOR TANKS INSTALLED ON PROPERTIES WITH BATTERS AND RETAINING WALLS, REFER TO FLOW SYSTEMS STANDARD DRAWINGS FSI-SK03A-FS AND FSI-SK03B-FS.
- POSITION TANK LID SUCH THAT BREATHER PIPE LOCATION IS ON THE DOWNSLOPE SIDE OF THE BLOCK WHERE POSSIBLE.
- CONTRACTOR TO INSTALL ELECTRICAL CONDUIT CONNECTION (CONDUIT AT 90° FROM DISCHARGE PIPE) IN ACCORDANCE WITH AS3000 AT MIN 500mm COVER. ELECTRICAL GROMMET SUPPLIED WITH TANK AND LOCATED LOOSE WITHIN TANK. Ø25 CONDUIT TO BE PROVIDED WITH LONG RADIUS SWEEP BEND INTO THE VERTICAL POSITION AND LEFT CAPPED ABOVE GROUND LEVEL FOR FUTURE ELECTRICAL CONNECTION BY ELECTRICIAN ONCE DWELLING IS CONSTRUCTED.
- CONTRACTOR TO INSTALL DN150 CONDUIT FOR FUTURE POTABLE AND RECYCLED WATER SINGLE SERVICE PROPERTY CONNECTIONS, WHERE SHOWN.
- THE WATER AUTHORITY MAY GRANT DISPENSATION FOR ALTERNATE TANK OFFSETS SUBJECT TO FORMAL REQUEST AND APPROVAL.

ORIGIN OF W.A.C. LEVELS			
PM	2023	Co-Ord System	MGA Ground
E	345612 942		MGA Datum
N	6382878 917		MGA Zone
RL	77.675m		

WORK AS CONSTRUCTED			
THESE DRAWINGS ARE AN ACCURATE REPRESENTATION AS AT 09/02/2026 OF THE WORK-AS-CONSTRUCTED, BUT THE POSITION OF THE WORK RELATIVE TO OTHER STRUCTURES OR BOUNDARIES IS APPROXIMATE ONLY AND HAS NOT BEEN VERIFIED BY PRECISE SURVEY.			
COMPANY	ADW Johnson Pty Ltd	COMPANY	
NAME	NICK GANN	NAME	
SIGNED		SIGNED	
REGISTERED SURVEYOR	DATE 09/02/2026	CONSTRUCTION MANAGER	DATE



REV	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES
A	20.09.2024	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.	0 0.4 0.8 A1 / A3
B	1.11.2024	REVISED ISSUE	L.S.	M.K.	M.K.	L.G.	1:20 / 1:40
0	21.03.2025	CONSTRUCTION ISSUE	I.B.	M.K.	M.K.	L.G.	
1	10.02.2026	WORK AS CONSTRUCTED	I.B.	M.K.	M.K.	L.G.	

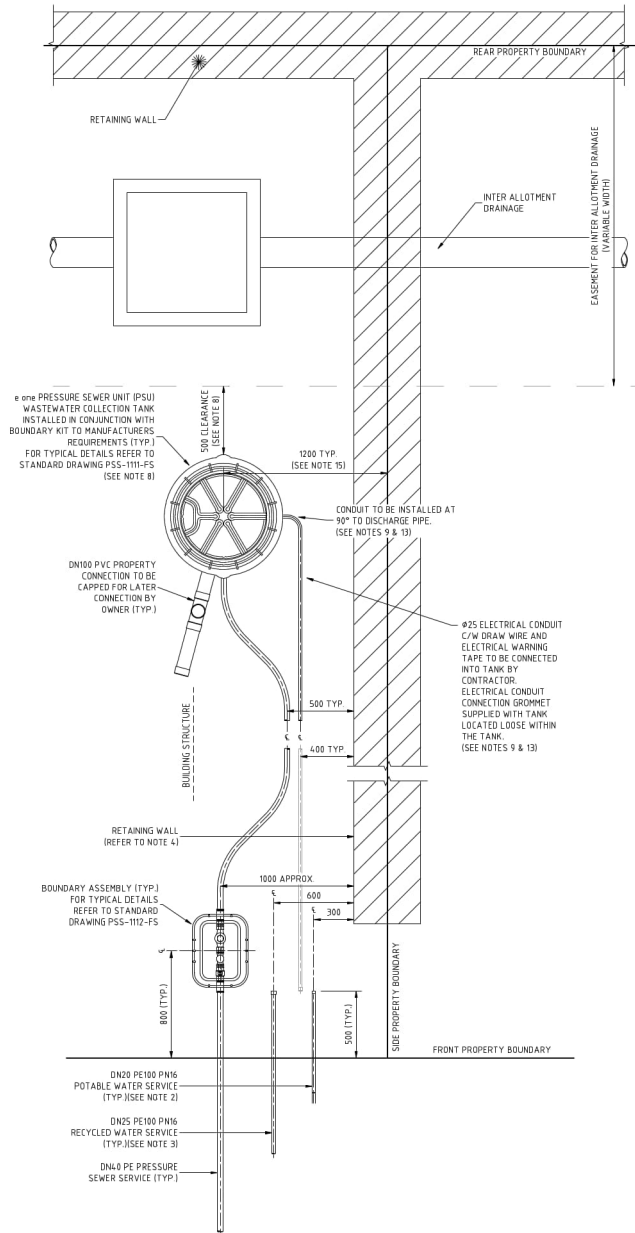
DESIGN FILE: N:\239078\239078(7)\DWG\Water & Sewer\WAT\Stage 9\239078(7)13-WAT-DESIGN.dwg
 ALL DIMENSIONS ARE IN METRES UNL. DO NOT SCALE.
 Hunter Office
 Unit 7/335 Hillsborough Rd
 Warners Bay N.S.W. 2282
 Phone: (02) 4978 5100
 Fax: (02) 4978 5199
 email: hunter@adwjohnson.com.au
 www.adwjohnson.com.au
 ABN 62 129 445 398

CLIENT

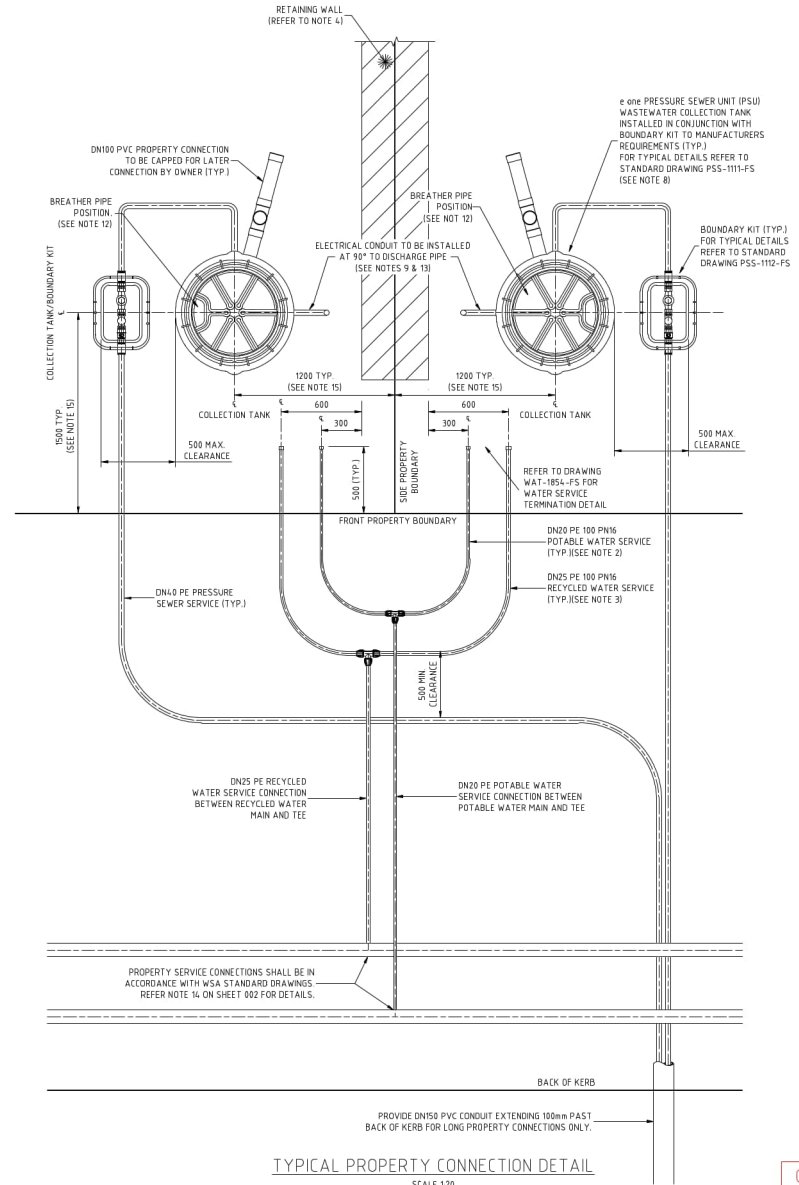
 JOHNSON PROPERTY GROUP

PROPERTY DESCRIPTION	
WATAGAN PARK PROPOSED SUBDIVISION PRECINCT NORTH C & D - STAGE 13 LOT 1095 DP1288471, 27 CESSNA AVENUE, COORANBONG DA/2234/2017/D	
SURVEYED	DATUM
ADW Johnson	GD494 M.G.A. ZONE 56

PROJECT			
POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION			
PLAN TITLE			
TYPICAL PROPERTY CONNECTION DETAILS - SHEET 1			
PROJECT No	DISCIPLINE	NUMBER	REV
239078(7)13	- WAC	- 403	1



TYPICAL PROPERTY CONNECTION DETAIL
(PRESSURE SEWER UNIT AT REAR)
SCALE 1:20



TYPICAL PROPERTY CONNECTION DETAIL
SCALE 1:20

WORK AS CONSTRUCTED
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COMPANY: ADW Johnson Pty Ltd
NAME: NICK GANN
SIGNED: [Signature]
REGISTERED SURVEYOR

COMPANY: [Signature]
NAME: [Signature]
SIGNED: [Signature]
CONSTRUCTION MANAGER

DATE: 09/02/2026

ORIGIN OF W.A.C. LEVELS
PM: 20029
E: 34.5612.942
N: 6302878.917
RL: 77.675m
Co-Ord System: MGA Ground
MGA Datum: GDA94
MGA Zone: 56



REV	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES
A	20.09.2024	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.	0, 0.4, 0.8 A1 / A3
B	1.11.2024	REVISED ISSUE	L.S.	M.K.	M.K.	L.G.	1:20 / 1:40
0	21.03.2025	CONSTRUCTION ISSUE	I.B.	M.K.	M.K.	L.G.	
1	10.02.2026	WORK AS CONSTRUCTED	I.B.	M.K.	M.K.	L.G.	

adw Johnson

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email: hunter@adwjohnson.com.au
www.adwjohnson.com.au
ABN 62 129 445 398

CLIENT

JOHNSON PROPERTY GROUP

PROPERTY DESCRIPTION
WATAGAN PARK
PROPOSED SUBDIVISION
PRECINCT NORTH C & D - STAGE 13
LOT 1095 DP1288471
27 CESSNA AVENUE, COORANBONG
DA/2334/2017/D

PROJECT: POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION

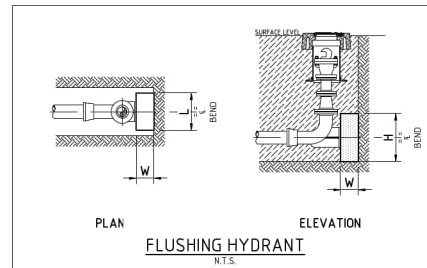
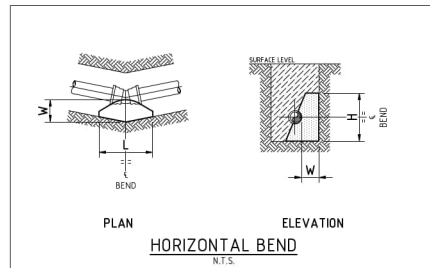
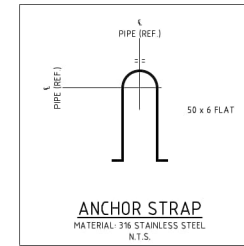
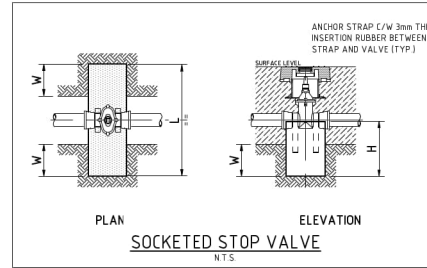
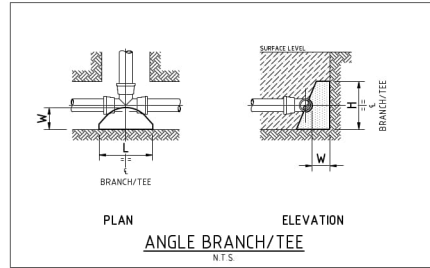
PLAN TITLE: TYPICAL PROPERTY CONNECTION DETAILS - SHEET 2

PROJECT No: 239078(7)13 - WAC - 404

DISCIPLINE: A.H.D.

NUMBER: 404

REV: 1



TYPE	FITTING	Soil AHBP (kpa)	Design STP (kpa)	Thrust	TA (m2)	Length (L) (m)	Height (H) (m)	Width (W) (m)
1	DN100 x DN100 EQUAL TEE	100	1500	18.00	0.18	0.45	0.40	0.30
2	DN100 SOCKETED STOP VALVE	100	1500	18.00	0.18	1.05	0.40	0.30
3	DN100 FLUSHING HYDRANT	100	1500	18.00	0.18	0.45	0.40	0.30
4	DN100 END CAP	100	1500	18.00	0.18	0.45	0.40	0.30

THRUST BLOCK NOTES:

1. CONCRETE THRUST BLOCKS ARE TO BE PROVIDED FOR ALL FITTINGS IN ACCORDANCE WITH TABLE.
2. THRUST BLOCK DIMENSIONS ARE BASED ON THE MINIMUM ALLOWABLE HORIZONTAL BEARING PRESSURES OF THE SOIL AS SHOWN IF GROUND CONDITIONS ENCOUNTERED INDICATE THAT THESE BEARING PRESSURES MAY NOT BE ACHIEVED, THRUST BLOCK DESIGN IS TO BE REVISED.
3. THRUST BLOCKS ARE TO BE CONSTRUCTED SUCH THAT THEY TRANSFER THE THRUST ONTO UNDISTURBED GROUND. THRUST BLOCKS ARE NOT TO INTERFERE WITH OTHER SERVICES.
4. FINISH THRUST BLOCKS APPROXIMATELY 100mm ABOVE THE TOP OF THE FITTING OR BEARING PAD AND EXTEND TO THE FLOOR OF THE TRENCH OR DEEPER IF NECESSARY TO ACHIEVE THE REQUIRED THRUST AREA (M²). MAXIMUM ENCASEMENT TO BE 180°.
5. CONCRETE FOR THE THRUST BLOCKS TO BE GRADE S25 USING CEMENT TYPE "SR" TO AS3972. CONCRETE TO BE MECHANICALLY VIBRATED.
6. CONCRETE THRUST BLOCKS ARE TO BE CURED FOR A MINIMUM OF 7 DAYS BEFORE BEING SUBJECTED TO ANY THRUST LOAD.
7. REFER TO WAT-1205-V FOR GENERAL FITTING THRUST BLOCK ARRANGEMENTS.
8. REFER TO WAT-1207-V FOR GENERAL VALVE AND VERTICAL BEND THRUST BLOCK ARRANGEMENTS.

ORIGIN OF W.A.C. LEVELS

PM	57533	Co-Ord System	MGA Ground
E	3455423.957	N	53140377.094
RL	20.139m	MGA Datum	GDA94
			MGA Zone 56

WORK AS CONSTRUCTED

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COMPANY	ADW Johnson Pty Ltd	COMPANY	
NAME	NICK GANN	NAME	
SIGNED		SIGNED	
REGISTERED SURVEYOR	DATE 09/02/2026	CONSTRUCTION MANAGER	DATE / /



PLAN
SCALE 1:250

REV	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES
A	20.09.2024	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.	
B	1.11.2024	REVISED ISSUE	L.S.	M.K.	M.K.	L.G.	
O	21.03.2025	CONSTRUCTION ISSUE	I.B.	M.K.	M.K.	L.G.	
1	10.02.2026	WORK AS CONSTRUCTED	I.B.	M.K.	M.K.	L.G.	



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ABN 62 129 445 398



PROPERTY DESCRIPTION
**WATAGAN PARK
PROPOSED SUBDIVISION
PRECINCT NORTH C & D - STAGE 13
LOT 1095 DP1288471,
27 CESSNA AVENUE, COORANBONG
DA/2234/2017/D**

PROJECT **POTABLE WATER, RECYCLED WATER AND
PRESSURE SEWER RETICULATION**

PLAN TITLE
THRUST BLOCK DETAILS

PROJECT No **239078(7)13** - DISCIPLINE **WAC** - NUMBER **406** - REV **1**

Point Table				
Point #	Easting	Northing	Elevation	Description
1	356685.12	6341257.49	27.52	waHYD
2	356742.01	6341252.27	27.13	waHYD
3	356688.70	6341246.21	24.31	waHYD
4	356749.36	6341229.72	26.23	waHYD
5	356798.02	6341162.34	21.80	waHYD
6	356766.85	6341164.90	23.36	waHYD
7	356740.03	6341128.36	22.80	waHYD
8	356788.63	6341069.71	19.03	waHYD
9	356754.41	6341072.48	20.82	waHYD
10	356730.07	6341021.49	19.49	waHYD
11	356769.27	6340986.48	17.08	waHYD
12	356684.29	6341257.59	27.51	waSV
13	356740.90	6341252.40	27.15	waSV
14	356806.43	6341244.29	24.47	waSV
15	356749.23	6341228.59	26.19	waSV
16	356796.59	6341162.55	22.07	waSV
17	356765.85	6341164.95	23.40	waSV
18	356786.98	6341069.86	19.49	waSV
19	356753.36	6341072.46	20.84	waSV
20	356767.13	6340986.77	17.37	waSV
21	356711.36	6341258.31	27.59	waTAP
22	356711.94	6341258.23	27.56	waTAP
23	356740.19	6341255.51	27.27	waTAP
24	356740.72	6341255.39	27.24	waTAP
25	356772.82	6341252.67	26.19	waTAP
26	356787.76	6341251.35	25.54	waTAP
27	356788.86	6341251.29	25.36	waTAP
28	356797.81	6341232.59	24.83	waTAP
29	356760.76	6341202.56	25.33	waTAP
30	356759.21	6341185.88	24.68	waTAP
31	356758.08	6341172.87	24.21	waTAP
32	356754.70	6341136.68	23.05	waTAP
33	356753.31	6341120.69	22.52	waTAP
34	356751.97	6341104.87	22.04	waTAP
35	356750.73	6341091.18	21.60	waTAP
36	356747.18	6341053.07	20.47	waTAP
37	356745.80	6341038.25	20.02	waTAP
38	356748.43	6341002.43	18.28	waTAP
39	356684.85	6341257.96	27.52	waHYD
40	356741.72	6341252.68	27.14	waHYD
41	356808.76	6341244.73	24.23	waHYD
42	356748.65	6341229.81	26.27	waHYD
43	356798.02	6341162.67	21.77	waHYD
44	356766.38	6341165.53	23.42	waHYD
45	356739.88	6341154.32	23.72	waHYD

Point Table				
Point #	Easting	Northing	Elevation	Description
46	356788.53	6341069.30	18.98	waHYD
47	356754.02	6341072.14	20.80	waHYD
48	356769.27	6340986.01	17.08	waHYD
49	356683.80	6341257.90	27.56	waSV
50	356740.62	6341252.84	27.17	waSV
51	356806.23	6341246.72	24.42	waSV
52	356748.26	6341228.74	26.30	waSV
53	356796.25	6341163.00	22.06	waSV
54	356765.38	6341165.73	23.40	waSV
55	356740.69	6341154.22	23.67	waSV
56	356706.21	6341069.52	19.48	waSV
57	356752.90	6341072.18	20.87	waSV
58	356767.23	6340986.21	17.31	waSV
59	356797.59	6341232.57	24.84	waTAP
60	356787.45	6341251.37	25.60	waTAP
61	356789.11	6341251.23	25.34	waTAP
62	356772.51	6341252.76	26.24	waTAP
63	356741.15	6341255.33	27.23	waTAP
64	356739.86	6341255.51	27.28	waTAP
65	356712.24	6341258.22	27.57	waTAP
66	356711.02	6341258.36	27.62	waTAP
67	356768.76	6341202.84	25.34	waTAP
68	356759.24	6341186.10	24.70	waTAP
69	356758.05	6341172.60	24.20	waTAP
70	356754.77	6341136.98	23.08	waTAP
71	356753.37	6341120.94	22.52	waTAP
72	356752.00	6341105.25	22.06	waTAP
73	356750.74	6341091.46	21.61	waTAP
74	356747.21	6341053.29	20.51	waTAP
75	356745.85	6341038.47	20.04	waTAP
76	356748.69	6341002.46	18.26	waTAP
77	356710.13	6341259.45	27.86	seBDYKIT
78	356713.41	6341259.14	27.80	seBDYKIT
79	356738.76	6341256.92	27.55	seBDYKIT
80	356742.76	6341256.57	27.45	seBDYKIT
81	356771.62	6341253.79	26.51	seBDYKIT
82	356786.56	6341252.46	26.03	seBDYKIT
83	356790.53	6341252.09	25.56	seBDYKIT
84	356796.52	6341231.63	25.08	seBDYKIT
85	356758.97	6341229.31	26.21	seBDYKIT
86	356762.04	6341203.94	25.51	seBDYKIT
87	356759.67	6341186.70	24.67	seBDYKIT
88	356760.98	6341171.48	24.01	seBDYKIT
89	356755.77	6341138.24	23.25	seBDYKIT
90	356754.44	6341122.09	22.65	seBDYKIT

Point Table				
Point #	Easting	Northing	Elevation	Description
91	356752.90	6341106.34	22.22	seBDYKIT
92	356752.02	6341091.04	21.72	seBDYKIT
93	356748.09	6341054.66	20.70	seBDYKIT
94	356746.31	6341038.99	20.09	seBDYKIT
95	356747.72	6341005.48	18.50	seBDYKIT
96	356748.34	6341242.63	27.13	seFP
97	356807.56	6341236.40	24.29	seFP
98	356797.15	6341153.57	22.83	seFP
99	356786.85	6341079.84	19.57	seFP
100	356769.44	6340997.38	17.05	seFP
101	356748.06	6340998.89	18.14	seSV
102	356755.57	6341082.15	20.78	seSV
103	356761.96	6341157.70	23.46	seSV
104	356759.04	6341232.01	26.26	seSV
105	356766.94	6341248.52	26.29	seSV
106	356710.77	6341259.35	27.94	seTANK6302
107	356712.76	6341259.26	27.90	seTANK6303
108	356739.44	6341256.77	27.67	seTANK6304
109	356742.05	6341256.66	27.53	seTANK6305
110	356772.27	6341253.78	26.65	seTANK6306
111	356787.17	6341252.43	26.16	seTANK6307
112	356789.87	6341252.17	25.68	seTANK6308
113	356797.18	6341231.57	25.14	seTANK6309
114	356762.00	6341203.29	25.62	seTANK6310
115	356790.32	6341183.75	24.19	seTANK6311
116	356760.54	6341170.96	24.08	seTANK6312
117	356755.66	6341137.59	23.34	seTANK6313
118	356754.36	6341121.39	22.70	seTANK6314
119	356752.87	6341105.70	22.31	seTANK6315
120	356751.52	6341090.57	21.81	seTANK6316
121	356748.00	6341053.95	20.73	seTANK6317
122	356776.30	6341036.67	19.39	seTANK6318
123	356747.31	6341005.02	18.61	seTANK6319

ORIGIN OF W.A.C. LEVELS
 PM 57533
 E 3455423 957 Co-Ord System: MGA Ground
 N 5340377 094 MGA Datum: GDA94
 RL 20.139M MGA Zone: 58

WORK AS CONSTRUCTED
 THESE DRAWINGS ARE AN ACCURATE REPRESENTATION AS AT 09/02/2026 OF THE WORK AS CONSTRUCTED, BUT THE POSITION OF THE WORK RELATIVE TO OTHER STRUCTURES OR BOUNDARIES IS APPROXIMATE ONLY AND HAS NOT BEEN VERIFIED BY PRECISE SURVEY.

COMPANY ADW Johnson Pty Ltd
 NAME NICK GANN
 SIGNED DATE 09/02/2026
 REGISTERED SURVEYOR

COMPANY
 NAME
 SIGNED DATE
 CONSTRUCTION MANAGER



PLAN
 SCALE 1:250

REV	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES
A	20.09.2024	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.	
B	1.11.2024	REVISED ISSUE	L.S.	M.K.	M.K.	L.G.	
O	21.03.2025	CONSTRUCTION ISSUE	I.B.	M.K.	M.K.	L.G.	
1	10.02.2026	WORK AS CONSTRUCTED	I.B.	M.K.	M.K.	L.G.	

DESIGN FILE: N:\239078\239078(7)\DWG\Water & Sewer\WAT\Stage 9\239078(7)13-WAT-DESIGN.dwg
 ALL DIMENSIONS ARE IN METRES U.N.O. DO NOT SCALE
 Plotted By: tima Plot Date: 18/02/26 - 08:39 Cod File: \\adw-svr4\adw-dto\239078\239078(7)\DWG\Water & Sewer\WAT\Stage 13\WAC\239078(7)13-WAC-406.dwg

adw
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 email: hunter@adw.johnson.com.au
 www.adw.johnson.com.au
 ABN 62 129 445 398

JOHNSON PROPERTY GROUP

PROPERTY DESCRIPTION
WATAGAN PARK
 PROPOSED SUBDIVISION
 PRECINCT NORTH C & D - STAGE 13
 LOT 1095 DP1288471
 27 CESSNA AVENUE, COORANBONG
 DA/234/2017/D

SURVEYED ADW Johnson DATUM GDA94 M.G.A. ZONE 56 A.H.D.

PROJECT **POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION**

PLAN TITLE **FITTINGS TABLE**

PROJECT No **239078(7)13** - DISCIPLINE **WAC** - NUMBER **407** - REV **1**