
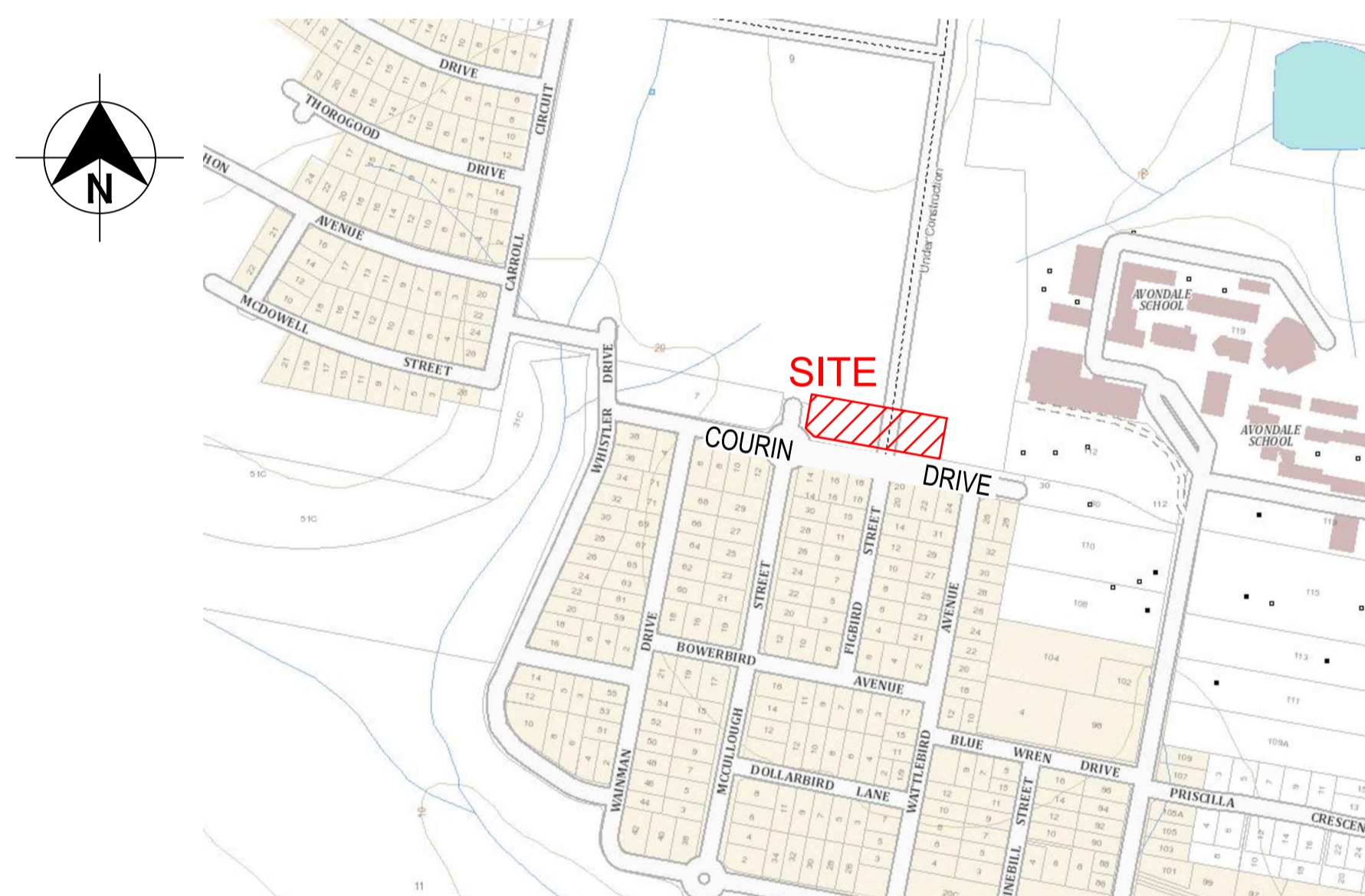




WATAGAN PARK PROPOSED SMALL LOT SUBDIVISION LOT 8450 D.P.1250919 COURIN DRIVE, COORANBONG

239078(33)-WAT-001

WORK-AS-EXECUTED
I certify that with the exception of the changes marked in RED, the work has been constructed in accordance with this drawing.
Signed:  Date: 16/11/2023
Name: Malcolm Harvey Position: Registered Surveyor



LOCALITY SKETCH
NOT TO SCALE

Sheet List Table	
Sheet Title	Sheet Description
239078(33)-WAT-001	COVER SHEET, LOCALITY PLAN, AND DRAWING INDEX
239078(33)-WAT-002	GENERAL NOTES
239078(33)-WAT-003	OVERALL SITE PLAN
239078(33)-WAT-101	POTABLE WATER, RECYCLED WATER & PRESSURE SEWER DETAIL PLAN
239078(33)-WAT-401	TYPICAL PROPERTY CONNECTION AND TRENCHING DETAILS
239078(33)-WAT-402	WASTE WATER COLLECTION TANK LEVEL DETAILS

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.

CONSTRUCTION ISSUE

<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV.</th> <th>DATE</th> <th>AMENDMENT</th> <th>DRAWN</th> <th>CHECK</th> <th>DESIGN</th> <th>VERIFY</th> <th>SCALES</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>22.02.2023</td> <td>INITIAL ISSUE</td> <td>G.S.</td> <td>M.K.</td> <td>M.K.</td> <td>L.G.</td> <td></td> </tr> <tr> <td>B</td> <td>18.04.2023</td> <td>CLIENT COMMENTS</td> <td>G.S.</td> <td>M.K.</td> <td>M.K.</td> <td>L.G.</td> <td></td> </tr> <tr> <td>C</td> <td>17.05.2023</td> <td>SURFACE UPDATE</td> <td>G.S.</td> <td>M.K.</td> <td>M.K.</td> <td>L.G.</td> <td></td> </tr> <tr> <td>D</td> <td>28.07.2023</td> <td>TANK SIZE ADJUSTMENT</td> <td>G.S.</td> <td>M.K.</td> <td>M.K.</td> <td>L.G.</td> <td></td> </tr> <tr> <td>O</td> <td>01.08.2023</td> <td>FOR CONSTRUCTION</td> <td>G.S.</td> <td>M.K.</td> <td>M.K.</td> <td>L.G.</td> <td></td> </tr> </tbody> </table>	REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES	A	22.02.2023	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.		B	18.04.2023	CLIENT COMMENTS	G.S.	M.K.	M.K.	L.G.		C	17.05.2023	SURFACE UPDATE	G.S.	M.K.	M.K.	L.G.		D	28.07.2023	TANK SIZE ADJUSTMENT	G.S.	M.K.	M.K.	L.G.		O	01.08.2023	FOR CONSTRUCTION	G.S.	M.K.	M.K.	L.G.		 <p>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</p>	<p>CLIENT</p>  <p>JOHNSON PROPERTY GROUP</p>	<p>PROPERTY DESCRIPTION</p> <p style="text-align: center;">WATAGAN PARK PROPOSED SMALL LOT SUBDIVISION LOT 8450 D.P.1250919 COURIN DRIVE, COORANBONG</p>	<p>PROJECT POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION</p> <p>PLAN TITLE</p> <p style="text-align: center;">COVER SHEET, LOCALITY PLAN, AND DRAWING INDEX</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">SURVEYED</td> <td style="width: 15%;">DATUM</td> <td style="width: 15%;">PROJECT No.</td> <td style="width: 15%;">DISCIPLINE</td> <td style="width: 15%;">NUMBER</td> <td style="width: 15%;">REV.</td> </tr> <tr> <td>ADW Johnson</td> <td>GDA94 M.G.A. ZONE 56 A.H.D.</td> <td>239078(33)</td> <td>WAT</td> <td>001</td> <td>0</td> </tr> </table>	SURVEYED	DATUM	PROJECT No.	DISCIPLINE	NUMBER	REV.	ADW Johnson	GDA94 M.G.A. ZONE 56 A.H.D.	239078(33)	WAT	001	0
REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES																																																										
A	22.02.2023	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.																																																											
B	18.04.2023	CLIENT COMMENTS	G.S.	M.K.	M.K.	L.G.																																																											
C	17.05.2023	SURFACE UPDATE	G.S.	M.K.	M.K.	L.G.																																																											
D	28.07.2023	TANK SIZE ADJUSTMENT	G.S.	M.K.	M.K.	L.G.																																																											
O	01.08.2023	FOR CONSTRUCTION	G.S.	M.K.	M.K.	L.G.																																																											
SURVEYED	DATUM	PROJECT No.	DISCIPLINE	NUMBER	REV.																																																												
ADW Johnson	GDA94 M.G.A. ZONE 56 A.H.D.	239078(33)	WAT	001	0																																																												

239078(33)-WAT-001

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. BUTT FUSION FITTINGS DENOTED HEREWITH HAVE BEEN DERIVED FROM THE GEORG FISCHER PIPING SYSTEMS BUTT FUSION PRODUCT RANGE. ELECTROFUSION FITTINGS DENOTED HEREWITH HAVE 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. 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.
4. PRESSURE SEWER MAINS SHALL BE BLACK POLYETHYLENE (PE100 PN16) WITH A CREAM STRIPE AS PER WSA 02-2007 AND ALTOGETHER SUPPLEMENTARY MANUAL TO WSA.
5. ALL POLYETHYLENE MAINS <= DN200 SHALL BE JOINED USING ELECTROFUSION JOINTING TECHNIQUES IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS. ALL POLYETHYLENE MAINS >= DN200 SHALL BE JOINED USING BUTTWELD JOINTING TECHNIQUES IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS.
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 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.
7. 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.
8. MAINS WITHIN 2.0m OF ELECTRICITY OR POWER POLES SHALL BE CONDUCTED BY BORING TECHNOLOGY (UNLESS AGREED TO BY THE ALTOGETHER REPRESENTATIVE).
9. ALL PIPE BEDDING MATERIAL SHALL COMPLY WITH WSA PRODUCT SPECIFICATION WSA-PS350 AND WSA-PS351.
10. ALL BENDS SHALL BE ELECTROFUSION OR BUTT WELD SWEEP BENDS. FABRICATED BENDS SHALL NOT BE USED IN LIEU. KNUCKLE ELBOWS ARE NOT PERMITTED.
11. MINIMUM BENDING RADIUS FOR PN16 PE100 (SDR11) SHALL BE 20 x DN. (i.e. DN400 : R8.0m, DN250 : R5.0m, DN200 : R4.0m, DN160 : R3.2m, DN125 : R2.5m, DN90 : R1.8m, DN75 : R1.5m, DN63 : R1.3m, DN50 : R1.0m, DN40 : R0.8m).
12. ALL HOUSE SERVICE LATERALS SHALL BE DN40 (PE100 PN16).
13. 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
14. LOCALISED DEEPENING 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).
15. DETECTABLE MARKING TAPE SHALL BE LAID ON TOP OF THE PIPE EMBEDMENT MATERIAL BEFORE BACKFILLING AND CONNECTED TO SURFACE FITTINGS.
16. ALL SURFACE FITTINGS LOCATED IN TRAFFICABLE AREAS (i.e. ROADWAYS, PATHS etc.) SHALL HAVE HEAVY DUTY SURROUNDS INSTALLED.
17. DURING CONSTRUCTION, ALL OPEN ENDS OF PIPE SHALL BE CAPPED OFF TO PREVENT ENTRY OF FOREIGN MATTER.
18. ALL VALVES SHALL BE RESILIENT SEATED SLUICE VALVES (ANTI-CLOCKWISE CLOSING), SHALL BE RESTRAINED IN ACCORDANCE WITH WAT-1207 AND SHALL COMPLY WITH ALTOGETHER STANDARD DRAWING PSS-1015-FS.
19. ALL MAINS SHALL BE TESTED IN ACCORDANCE WITH WSA 07-2007 VERSION 1.1.
20. FOR LOTS WITH TANKS IN THE REAR. 1 x 25mm INSTRUMENTATION CONDUIT (ORANGE) AND 1 x 25mm 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).
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. 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.
26. BOUNDARY KITS (COMPLETE) SHALL BE NOV SUPPLIED (NOV PSS-BK4). e one COLLECTION TANK (ESD 20-0032/ESD 20-0033) SHALL BE INSTALLED WITH BOUNDARY KIT (REFER ALTOGETHER STANDARD DRAWINGS PSS-1112-FS AND PSS-1113-FS). PUMP TO BE INSTALLED BY OTHERS.
27. 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.
28. ALL MAINS SHALL BE FLUSHED WITH WATER TO REMOVE ANY DEBRIS PRIOR TO COMMISSIONING.
29. SURFACE IDENTIFICATION MARKERS ARE TO BE PROVIDED TO ALTOGETHER REQUIREMENTS.
30. ROPE OFF ALL PRESSURE SEWER UNITS AND FLUSHING POINTS TO LIMIT DAMAGE DURING CONSTRUCTION.
31. PRESSURE TRANSMITTER TO BE MEASUREX MRB21 GENERAL PURPOSE TRANSMITTER WITH MICROSPIDER LOGGING TELEMETRY AND ALARM PER ALTOGETHER REQUIREMENTS.
32. WORK-AS-CONSTRUCTED DOCUMENTATION SHALL BE PROVIDED BY THE CONTRACTOR STRICTLY IN ACCORDANCE WITH THE ALTOGETHER Q.A. SUBMISSION CHECKLIST.
33. 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-1202-V) AND 800mm IN ROADWAYS (TYPE L 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 WATERMANS TO BE BLUE PVC-M (PN16). ALL RECYCLED WATERMANS 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 369. GEOTECHNICAL CONDITIONS SHOULD BE ASSESSED DURING CONSTRUCTION BY THE CONTRACTOR IN ASSOCIATION WITH THE ALTOGETHER REPRESENTATIVE TO DETERMINE THE NEED TO MODIFY EMBEDMENT/TRENCHFILL 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 NOMINALLY 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 03-2011-3.1(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 17.1 OF THE WATER SUPPLY CODE OF AUSTRALIA.
26. SURFACE IDENTIFICATION MARKERS ARE TO BE PROVIDED TO ALTOGETHER REQUIREMENTS.
27. PRESSURE TRANSMITTER TO BE MEASUREX MRB21 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 100/GRADE%. 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://askus.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 CESSNOCK CITY 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), MINIMUM VERTICAL CLEARANCE (mm). Rows include Water Mains, Gas Mains, Telecommunication Conduits, Stormwater Drains, Sewers, and 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 RETICULATION, 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 MINIMUM VERTICAL CLEARANCE LOWER THAN THE WATER MAIN (500mm), MAINTAIN A MINIMUM HORIZONTAL OF 1000mm. 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).

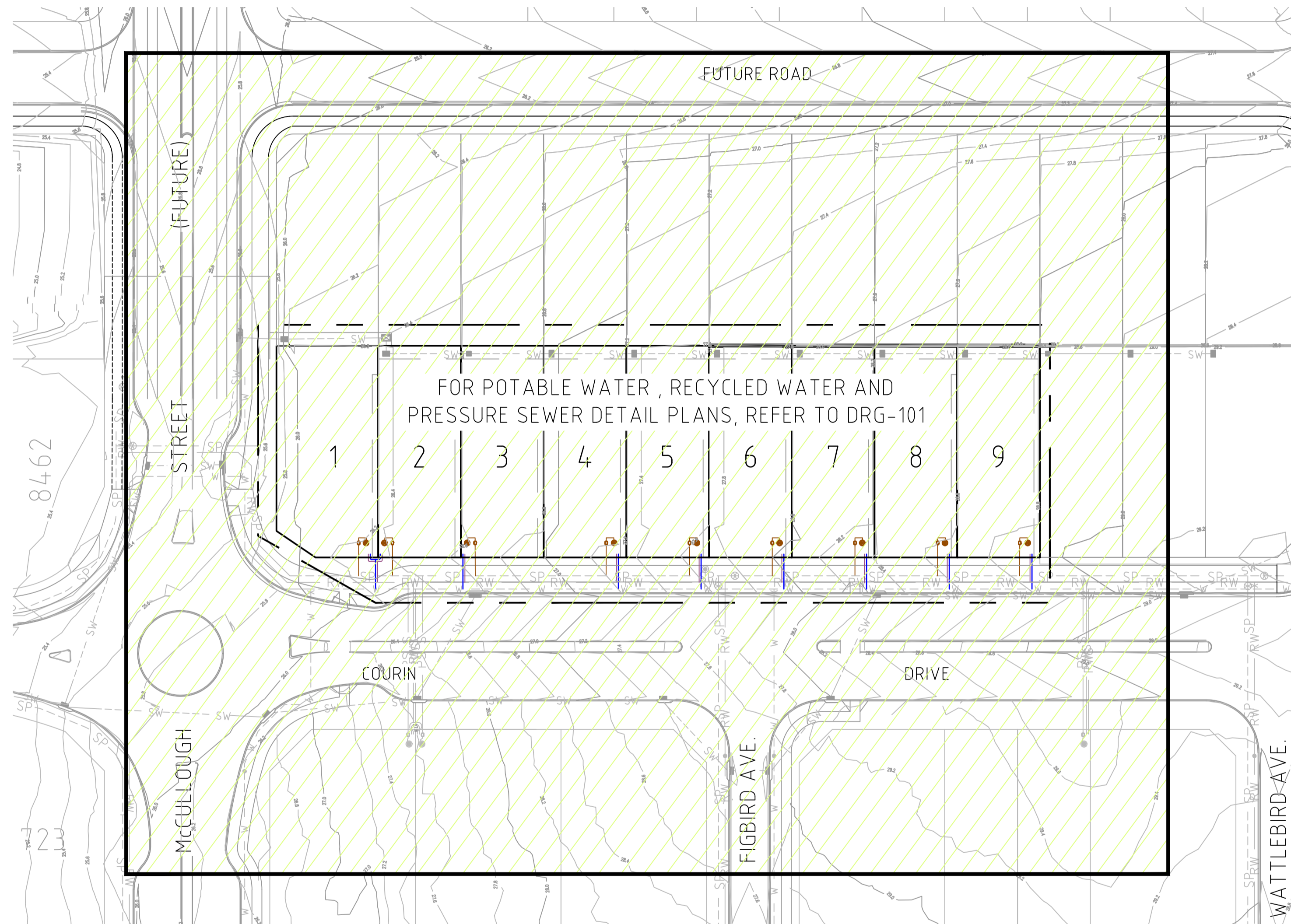
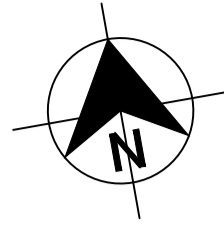
SHOULD THE RECOMMENDED CLEARANCES NOT BE ACHIEVED, NOTIFICATION SHALL BE CONVEYED TO THE ALTOGETHER REPRESENTATIVE IN WRITING.

WORK-AS-EXECUTED
I certify that with the exception of the changes marked in RED, the work has been constructed in accordance with this drawing.
Signed: [Signature] Date: 16/11/2023
Name: Malcolm Harvey Position: Registered Surveyor



CONSTRUCTION ISSUE

Table with columns: REV., DATE, AMENDMENT, DRAWN, CHECK, DESIGN, VERIFY, SCALES, CLIENT, PROPERTY DESCRIPTION, PROJECT, PLAN TITLE, SURVEYED, DATUM, PROJECT No., DISCIPLINE, NUMBER, REV. Includes logos for adw and Johnson Property Group.



WORK-AS-EXECUTED
 I certify that with the exception of the changes marked in RED, the work has been constructed in accordance with this drawing.
 Signed:  Date: 16/11/2023
 Name: Malcolm Harvey Position: Registered Surveyor



CONSTRUCTION ISSUE

PLAN
 SCALE 1:500

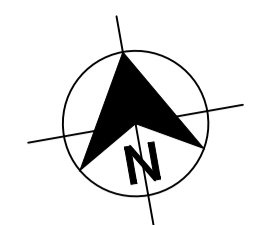
REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES	CLIENT	PROPERTY DESCRIPTION	PROJECT	PLAN TITLE	SURVEYED	DATUM	PROJECT No.	DISCIPLINE	NUMBER	REV.
A	22.02.2023	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.		 Hunter Office Unit 7/335 Hillsborough Rd Warners Bay N.S.W. 2282 Phone: (02) 4978 5100 Fax: (02) 4978 5199 email: hunter@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398	WATAGAN PARK PROPOSED SMALL LOT SUBDIVISION LOT 8450 D.P.1250919 COURIN DRIVE, COORANBONG	POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION	OVERALL SITE PLAN	ADW Johnson	GDA94 M.G.A. ZONE 56 A.H.D.	239078(33)	WAT	003	0
B	18.04.2023	CLIENT COMMENTS	G.S.	M.K.	M.K.	L.G.											
C	17.05.2023	SURFACE UPDATE	G.S.	M.K.	M.K.	L.G.											
D	28.07.2023	TANK SIZE ADJUSTMENT	G.S.	M.K.	M.K.	L.G.											
O	01.08.2023	FOR CONSTRUCTION	G.S.	M.K.	M.K.	L.G.											

239078(33)-WAT-101

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.



WORK-AS-EXECUTED
I certify that with the exception of the changes marked in RED, the work has been constructed in accordance with this drawing.
Signed: *[Signature]* Date: 16/11/2023
Name: Malcolm Harvey Position: Registered Surveyor



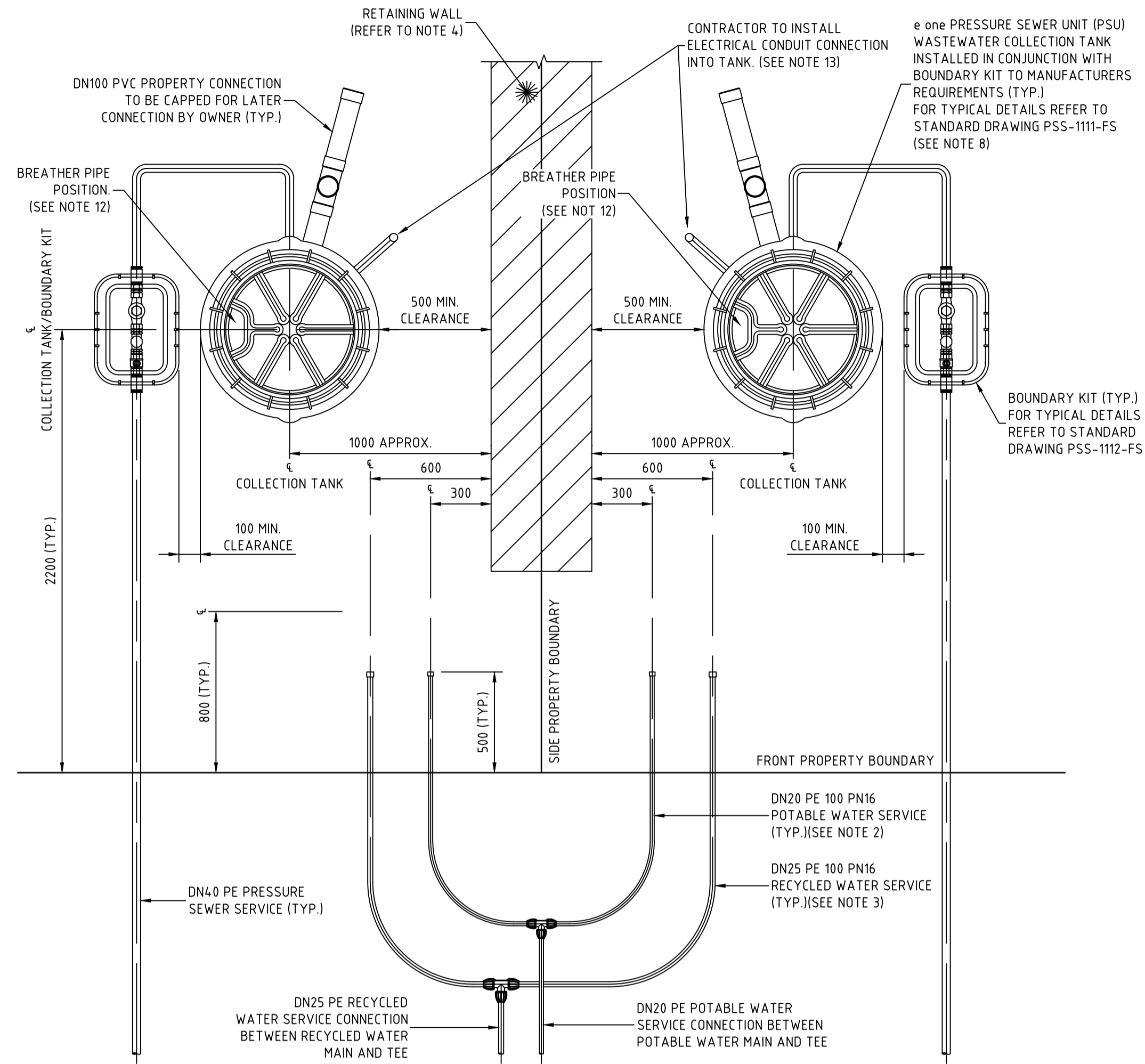
- LEGEND**
- PE POTABLE WATER PROPERTY SERVICE
 - PE RECYCLED WATER PROPERTY SERVICE
 - PE PRESSURE SEWER PROPERTY SERVICE
 - WASTEWATER COLLECTION TANK AND BOUNDARY KIT
 - EXISTING PVC-M POTABLE WATER RETICULATION MAIN, STOP VALVE & HYDRANT
 - EXISTING PVC-M RECYCLED WATER RETICULATION MAIN, STOP VALVE & HYDRANT
 - EXISTING PE100 SDR11 PRESSURE SEWER RETICULATION MAIN, FLUSHING POINT & INSPECTION VALVE
 - PWS — PWS — EXISTING PE POTABLE WATER PROPERTY SERVICE
 - RWS — RWS — EXISTING PE RECYCLED WATER PROPERTY SERVICE
 - PS S — EXISTING PE PRESSURE SEWER PROPERTY SERVICE
 - SW — SW — STORMWATER PIPEWORK
 - LIMIT OF SUBDIVISION WORKS
 - POTABLE WATER PROPERTY SERVICE CONNECTION
 - RECYCLED WATER PROPERTY SERVICE CONNECTION
 - PRESSURE SEWER PROPERTY SERVICE CONNECTION

- CONNECTIONS**
- POTABLE WATER PROPERTY SERVICE CONNECTIONS**
TOTAL 9 CONNECTIONS
 - SINGLE SERVICES IN ACCORDANCE WITH WAT-1106-V
 - 7 x SHORT SIDE
 - 0 x LONG SIDE
 - SPLIT SERVICES IN ACCORDANCE WITH WAT-1107-V
 - 1 x SHORT SIDE
 - 0 x LONG SIDE
 - RECYCLED WATER PROPERTY SERVICE CONNECTIONS**
TOTAL 9 CONNECTIONS
 - SINGLE SERVICES IN ACCORDANCE WITH WAT-1106-V
 - 7 x SHORT SIDE
 - 0 x LONG SIDE
 - SPLIT SERVICES IN ACCORDANCE WITH WAT-1107-V
 - 1 x SHORT SIDE
 - 0 x LONG SIDE
 - PRESSURE SEWER PROPERTY SERVICE CONNECTIONS**
TOTAL 9 CONNECTIONS
 - SINGLE SERVICES
 - 9 x SHORT SIDE
 - 0 x LONG SIDE

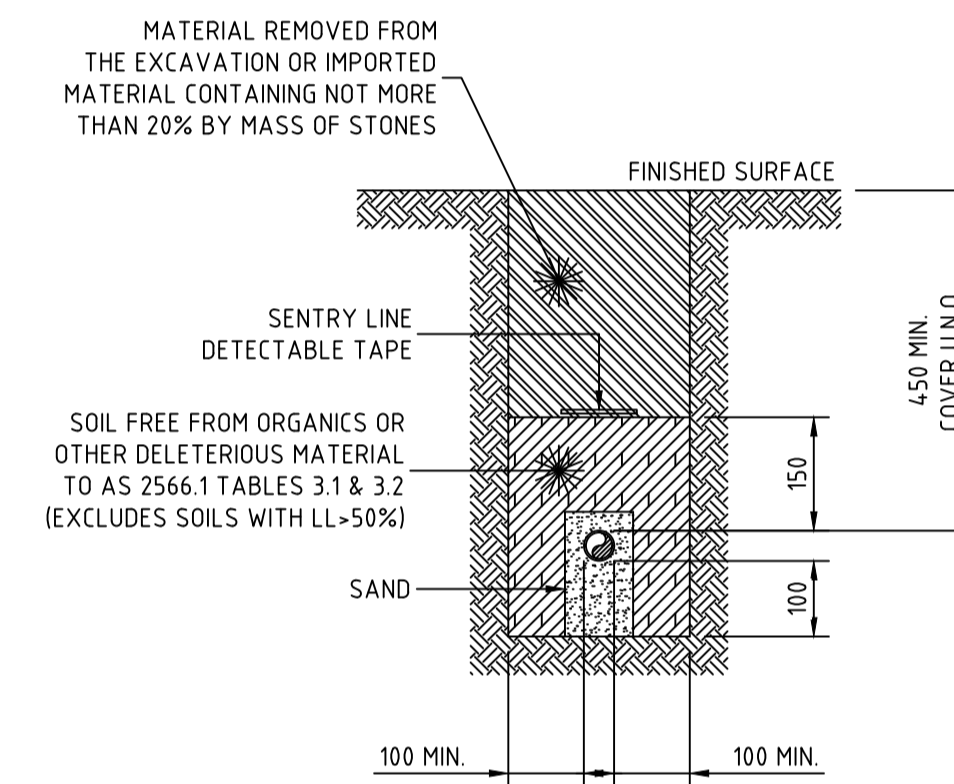
- NOTES**
- GENERAL:**
1. ALL PROPERTY SERVICE CONNECTIONS TO BE INSTALLED ON THEIR RELATIVE EXISTING MAINS. LATERAL CONNECTIONS TO EXISTING MAIN SHALL BE TREATED AS A NEW RETICULATION MAIN (i.e. ADVANCED NOTICE FOR CONNECTION, PRESSURE TESTING etc.). CONNECTION TO BE MADE TO EXISTING MAIN WITH PLASSON TAPPING SADDLE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS (REFER WAT-1108-V).
 2. CONTRACTOR TO ENSURE FULL RESTORATION OF SHARED PATH AND VERGE ON COMPLETION OF WORKS.
- POTABLE & RECYCLED WATER:**
1. FOR TYPICAL SERVICE CONNECTION DETAILS REFER TO DRG-402.
 2. CONTRACTOR TO CONFIRM SHUTDOWN REQUIREMENTS AND SHUTDOWN DATE WITH ALTOGETHER WORKS SUPERVISOR (CHRIS HORN) AT A MINIMUM OF 2 WEEKS PRIOR TO PROPOSED REQUESTED SHUTDOWN DATE. PROVIDE SHUTDOWN PLAN DETAILING:
 - DURATION OF REQUIRED SHUTDOWN
 - ISOLATION VALVES TO BE CLOSED
 - FLUSHING PLAN
 3. SEEK APPROVAL FROM ALTOGETHER WORKS SUPERVISOR (NED CAMPBELL) TO PERFORM HOT TAP CONNECTION IF PREFERRED CONSTRUCTION METHODOLOGY FOR CONNECTION.
- PRESSURE SEWER:**
1. FOR FLUSHING POINT TYPICAL DETAILS REFER TO STANDARD DRAWING PSS-1017-FS.
 2. FOR FLOW MONITORING POINT TYPICAL DETAILS REFER TO STANDARD DRAWING PSS-1115-FS.
 3. CONTRACTOR MAY BEND POLYETHYLENE PIPEWORK IN PLACE OF USING STANDARD FITTINGS WITH A MIN. BENDING RADIUS OF 20 x PIPE DIAM.
 4. ALL BENDS SHALL BE ELECTROFUSION SWEEP BENDS (FABRICATED BENDS SHALL NOT BE USED).
 5. CONTRACTOR TO CONFIRM SHUTDOWN REQUIREMENTS AND SHUTDOWN DATE WITH ALTOGETHER WORKS SUPERVISOR (NED CAMPBELL) AT A MINIMUM OF 2 WEEKS PRIOR TO PROPOSED REQUESTED SHUTDOWN DATE. PROVIDE SHUTDOWN PLAN DETAIL:
 - DURATION OF REQUIRED SHUTDOWN
 - ISOLATION VALVES TO BE CLOSED
- EASEMENT DETAILS:**
- (B) EASEMENT FOR ACCESS, WORKS AND MAINTENANCE 0.9 WIDE
 - (C) EASEMENT FOR DRAINAGE 2 WIDE

CONSTRUCTION ISSUE

REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES	CLIENT	PROPERTY DESCRIPTION	PROJECT			
A	22.02.2023	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.	 SCALE: 1:250 (FULL)	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	WATAGAN PARK PROPOSED SMALL LOT SUBDIVISION LOT 8450 D.P.1250919 COURIN DRIVE, COORANBONG	POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION			
B	18.04.2023	CLIENT COMMENTS	G.S.	M.K.	M.K.	L.G.				PLAN TITLE			
C	17.05.2023	SURFACE UPDATE	G.S.	M.K.	M.K.	L.G.				POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER DETAIL PLAN			
D	28.07.2023	TANK SIZE ADJUSTMENT	G.S.	M.K.	M.K.	L.G.							
O	01.08.2023	FOR CONSTRUCTION	G.S.	M.K.	M.K.	L.G.							
DESIGN FILE N:\239078\239078(33)\DWG\water & Sewer\X-239078(33)-WAT-DESIGN.dwg ALL DIMENSIONS ARE IN METRES U.N.O. DO NOT SCALE.								SURVEYED ADW Johnson	DATUM GDA94 M.G.A. ZONE 56 A.H.D.	PROJECT No. 239078(33)	DISCIPLINE WAT	NUMBER 101	REV. 0



TYPICAL PROPERTY CONNECTION DETAIL
SCALE 1:20



PRIVATE PROPERTY PRESSURE MAIN
TYPICAL TRENCHING DETAIL
SCALE 1:10

WORK-AS-EXECUTED
I certify that with the exception of the changes marked in RED, the work has been constructed in accordance with this drawing.
Signed: *[Signature]* Date: 16/11/2023
Name: Malcolm Harvey Position: Registered Surveyor

NOTES:

- PROPERTY SERVICE CONNECTIONS SHALL BE IN ACCORDANCE WITH WSA STANDARD DRAWINGS FOR DUAL WATER SUPPLY SYSTEMS (SYDNEY WATER VERSION) (SUPPLEMENT TO WSA 03-2011).
- 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 ALLOTMENT 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. 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.

239078(33)-WAT-401

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.

CONSTRUCTION ISSUE

REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES	CLIENT	PROPERTY DESCRIPTION	PROJECT	PLAN TITLE	SURVEYED	DATUM	PROJECT No.	DISCIPLINE	NUMBER	REV.
A	22.02.2023	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.	0 0.1 0.2 0.3 0.4 A1 / A3 1:10 / 1:20	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	WATAGAN PARK PROPOSED SMALL LOT SUBDIVISION LOT 8450 D.P.1250919 COURIN DRIVE, COORANBONG	POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION	TYPICAL PROPERTY CONNECTION AND TRENCHING DETAILS	ADW Johnson	GDA94 M.G.A. ZONE 56 A.H.D.	239078(33)	WAT	401	0



239078(33)-WAT-402

WORK-AS-EXECUTED
 I certify that with the exception of the changes marked in RED, the work has been constructed in accordance with this drawing.
 Signed: *[Signature]* Date: 16/11/2023
 Name: Malcolm Harvey Position: Registered Surveyor

WASTEWATER COLLECTION TANK DETAILS

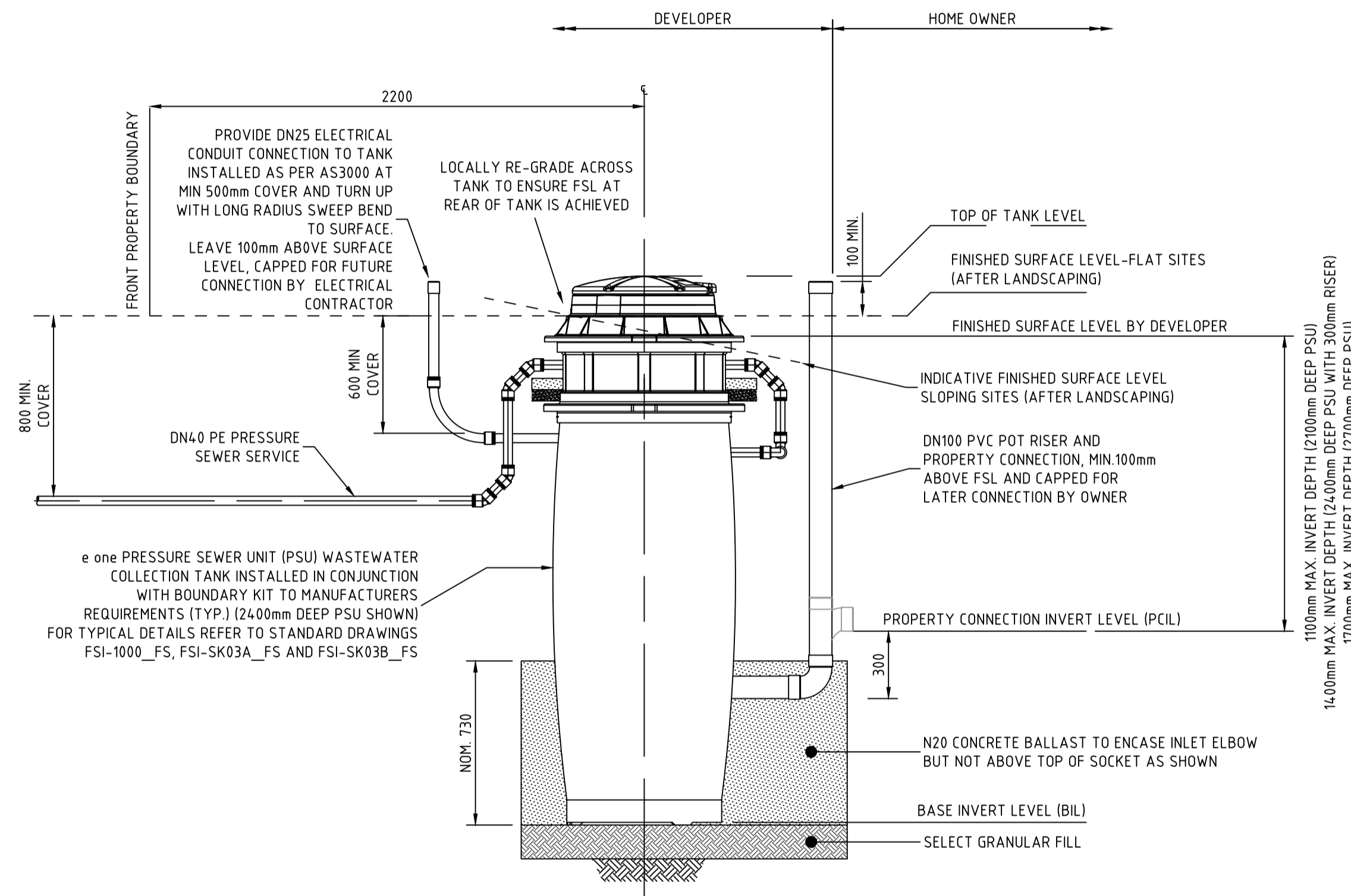
LOT NUMBER	TOP OF TANK	TANK FSL	BASE IL	CONNECTION IL	TANK HEIGHT	TANK LOCATION	EASTING	NORTHING
1	26.51	26.38	24.08	24.98	24.00	FRONT BATTER	356345.21	6340623.84
2	26.57	26.44	24.44	25.34	2100	FRONT BATTER	356347.95	6340623.35
3	26.77	26.64	24.64	25.54	2100	FRONT BATTER	356360.26	6340621.17
4	27.37	27.24	25.24	26.14	2100	FRONT BATTER	356382.13	6340617.30
5	27.76	27.63	25.63	26.53	2100	FRONT BATTER	356394.44	6340615.12
6	28.14	28.01	26.01	26.91	2100	FRONT BATTER	356406.75	6340612.94
7	28.48	28.35	26.35	27.25	2100	FRONT BATTER	356419.06	6340610.76
8	28.79	28.66	26.66	27.56	2100	FRONT BATTER	356431.37	6340608.59
9	29.04	28.91	26.91	27.81	2100	FRONT BATTER	356443.68	6340606.41

WASTEWATER COLLECTION TANK COUNT

TANK SIZE	NUMBER OF
2100	8
2400	1
2700	0

WASTEWATER COLLECTION TANKS WAE

LOT No.	EASTING	NORTHING	FSL
1	356345.76	6340623.77	26.58
2	356348.41	6340623.38	26.59
3	356360.79	6340621.11	26.80
4	356382.65	6340617.32	27.42
5	356394.86	6340615.00	27.89
6	356407.18	6340612.88	28.27
7	356419.36	6340610.77	28.54
8	356431.76	6340608.70	28.96
9	356444.06	6340606.47	29.10



PRESSURE SEWER SERVICE CONNECTION
TYPICAL SECTIONAL ELEVATION
 SCALE 1:20

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.

CONSTRUCTION ISSUE

<table border="1"> <thead> <tr> <th>REV.</th> <th>DATE</th> <th>AMENDMENT</th> <th>DRAWN</th> <th>CHECK</th> <th>DESIGN</th> <th>VERIFY</th> <th>SCALES</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>22.02.2023</td> <td>INITIAL ISSUE</td> <td>G.S.</td> <td>M.K.</td> <td>M.K.</td> <td>L.G.</td> <td rowspan="5"> </td> </tr> <tr> <td>B</td> <td>18.04.2023</td> <td>CLIENT COMMENTS</td> <td>G.S.</td> <td>M.K.</td> <td>M.K.</td> <td>L.G.</td> </tr> <tr> <td>C</td> <td>17.05.2023</td> <td>SURFACE UPDATE</td> <td>G.S.</td> <td>M.K.</td> <td>M.K.</td> <td>L.G.</td> </tr> <tr> <td>D</td> <td>28.07.2023</td> <td>TANK SIZE ADJUSTMENT</td> <td>G.S.</td> <td>M.K.</td> <td>M.K.</td> <td>L.G.</td> </tr> <tr> <td>O</td> <td>01.08.2023</td> <td>FOR CONSTRUCTION</td> <td>G.S.</td> <td>M.K.</td> <td>M.K.</td> <td>L.G.</td> </tr> </tbody> </table>	REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES	A	22.02.2023	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.		B	18.04.2023	CLIENT COMMENTS	G.S.	M.K.	M.K.	L.G.	C	17.05.2023	SURFACE UPDATE	G.S.	M.K.	M.K.	L.G.	D	28.07.2023	TANK SIZE ADJUSTMENT	G.S.	M.K.	M.K.	L.G.	O	01.08.2023	FOR CONSTRUCTION	G.S.	M.K.	M.K.	L.G.		<p>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</p>	<p>CLIENT </p>	<p>PROPERTY DESCRIPTION WATAGAN PARK PROPOSED SMALL LOT SUBDIVISION LOT 8450 D.P.1250919 COURIN DRIVE, COORANBONG</p>	<p>PROJECT POTABLE WATER, RECYCLED WATER AND PRESSURE SEWER RETICULATION</p> <p>PLAN TITLE WASTE WATER COLLECTION TANK LEVEL DETAILS</p>	<table border="1"> <tr> <td>SURVEYED ADW Johnson</td> <td>DATUM GDA94 M.G.A. ZONE 56</td> <td>A.H.D.</td> <td>PROJECT No. 239078(33)</td> <td>DISCIPLINE WAT</td> <td>NUMBER 402</td> <td>REV. 0</td> </tr> </table>	SURVEYED ADW Johnson	DATUM GDA94 M.G.A. ZONE 56	A.H.D.	PROJECT No. 239078(33)	DISCIPLINE WAT	NUMBER 402	REV. 0
REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES																																																		
A	22.02.2023	INITIAL ISSUE	G.S.	M.K.	M.K.	L.G.																																																			
B	18.04.2023	CLIENT COMMENTS	G.S.	M.K.	M.K.	L.G.																																																			
C	17.05.2023	SURFACE UPDATE	G.S.	M.K.	M.K.	L.G.																																																			
D	28.07.2023	TANK SIZE ADJUSTMENT	G.S.	M.K.	M.K.	L.G.																																																			
O	01.08.2023	FOR CONSTRUCTION	G.S.	M.K.	M.K.	L.G.																																																			
SURVEYED ADW Johnson	DATUM GDA94 M.G.A. ZONE 56	A.H.D.	PROJECT No. 239078(33)	DISCIPLINE WAT	NUMBER 402	REV. 0																																																			