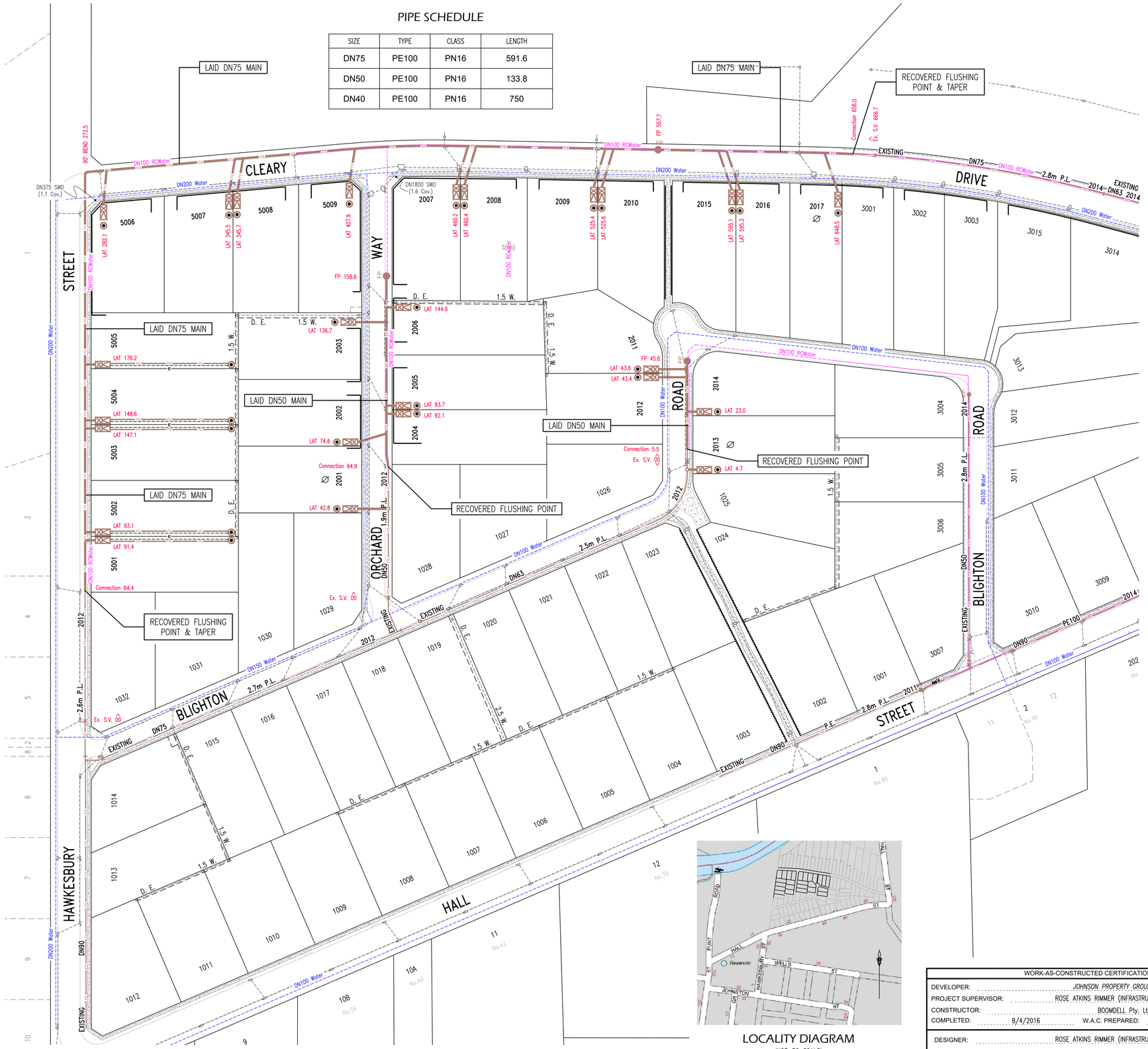
A1

WORK-AS-CONSTRUCTED

PIPE SCHEDULE

SIZE	TYPE	CLASS	LENGTH
DN75	PE100	PN16	591.6
DN50	PE100	PN16	133.8
DN40	PE100	PN16	750



LOCALITY DIAGRAM
(NOT TO SCALE)

CONSTRUCTION NOTES

1. ALL WORKS WERE IN ACCORDANCE WITH, BUT NOT LIMITED TO, PRESSURE SEWERAGE CODE OF AUSTRALIA - WSA 07-2007, POLYETHYLENE PIPELINE CODE WSA 01-2004, PRESSURE SEWER SOLUTIONS Pty Ltd MASTERPLAN DRAWINGS & PITT TOWN WATER (P.T.W.) REQUIREMENTS.
2. ALL EQUIPMENT, MATERIALS & ACCESSORIES USED IN THIS CONTRACT WAS NEW, SHALL CONFORMED WITH THE APPROPRIATE CURRENT AUSTRALIAN STANDARDS & COMPLIED WITH P.T.W. REQUIREMENTS.
3. ALL SERVICES SHOWN WERE INDICATIVE ONLY. A CURRENT SERVICES SEARCH & SITE CHECK OF ALL EXISTING SERVICES WAS REQUIRED PRIOR TO COMMENCEMENT OF ANY WORKS. THE CONSTRUCTOR WAS TO DETERMINE LEVELS & LOCATIONS OF 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 ENSURED ALL SERVICES WERE LOCATED BY THE RELEVANT AUTHORITY PRIOR TO COMMENCEMENT OF WORKS.
4. PRESSURE SEWER MAINS ARE BLACK POLYETHYLENE (PE100 PN16) WITH A CREAM STRIPE AS PER WSA 02-2007.
5. ALL POLYETHYLENE MAINS WERE JOINED ELECTROFUSION TECHNIQUES IN ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS.
6. MAIN LAID GENERALLY 2.8m P.L. EXCEPT WHERE OTHERWISE SHOWN. MINIMUM PIPE COVER IS 800mm IN FOOTPATHS & 1200mm FOR ROAD CROSSINGS. MAXIMUM PIPE COVER IS 1500mm UNLESS SPECIFIED ON THE DESIGN PLANS OR APPROVAL IS OBTAINED FROM THE P.T.W. REPRESENTATIVE.
7. MAINS CROSSING UNDER DRIVEWAYS (SEALED, PAVED OR DECORATIVE) WERE CONDUCTED BY UNDER BORING ONLY.
8. MAINS WITHIN 2m OF ELECTRICITY OR POWER POLES WERE CONDUCTED BY BORING TECHNOLOGY (UNLESS AGREED TO BY P.T.W. REPRESENTATIVE).
9. ALL MAINS LAID IN (TRAFFICABLE) CARRIAGEWAYS WERE BACKFILLED WITH 20:1 STABILISED SAND CEMENT TO SUBGRADE LEVEL.
10. ALL BENDS ARE ELECTROFUSION SWEEP BENDS, *FABRICATED BENDS WERE NOT USED IN LIEU.*
11. *ALL HOUSE SERVICE LATERALS ARE DN40 (PE100 PN16).*
12. FLUSHING PITS CONFORM WITH THE FOLLOWING:
    TYPE 1: FLUSHING PIT WAS POLYPROPYLENE WITH LIGHT DUTY COVER, 50mm 316 S/S PIPE WITH BALL VALVE USED FOR DN125 & SMALLER.
13. DETECTABLE MARKING TAPE WAS LAID ON TOP OF THE PIPE EMBEDMENT MATERIAL BEFORE BACKFILLING.
14. DURING CONSTRUCTION, ALL OPEN ENDS OF PIPE WERE CAPPED OFF TO PREVENT ENTRY OF FOREIGN MATTER.
15. ALL VALVES WERE RESILIENT SEATED SLUICE VALVES (CLOCKWISE CLOSING) & WERE RESTRAINED IN ACCORDANCE WITH WAT-1207.
16. ALL MAINS WERE TESTED (AS DIRECTED BY THE P.T.W. REPRESENTATIVE) TO MEET CERTIFYING AUTHORITY STANDARDS.
17. *THE CONSTRUCTOR PROVIDED P.T.W. WITH MINIMUM OF 7 DAYS NOTICE OF INTENT TO CONNECT NEW MAINS TO EXISTING INFRASTRUCTURE.*
18. *FOR LOTS WITH TANKS IN THE REAR:* 1 x 25mm INSTRUMENTATION CONDUIT (ORANGE) AND 1 x 25mm ELECTRICAL CONDUIT (ORANGE) (WITH DRAW WIRES) WERE INSTALLED FROM THE COLLECTION TANK TO WATER METERS. THE CONDUITS WERE LAID IN A COMMON TRENCH WITH THE SEWERAGE AND MAINTAIN A MINIMUM HORIZONTAL CLEARANCE OF 400mm. THE CONDUIT RUNS SHALL BE CUT & THE TWO ENDS BROUGHT TO THE SURFACE AT ONE LOCATION THAT IS APPROX. THE MIDDLE OF THE RUN AND IS A MAXIMUM OF 25m FROM THE COLLECTION TANK & 40m FROM THE RECYCLED WATER METER.
19. UPON COMPLETION OF WORKS, ALL SURFACES WERE RESTORED AS CLOSE AS POSSIBLE, TO THE CONDITION THAT EXISTED PRIOR TO COMMENCEMENT OF WORK.
20. BURIED FITTINGS WERE NOT BACKFILLED UNTIL W.A.C. DETAILS HAD BEEN OBTAINED & APPROVAL FOR BACKFILLING GIVEN BY THE P.T.W. REPRESENTATIVE.THE CONTRACTOR PROVIDED W.F.C. WITH WITH M.G.A. COORDINATES OF THE INSTALLATION. BURIED FITTINGS WERE NOT BACKFILLED UNTIL W.A.C. DETAILS HAD BEEN OBTAINED & APPROVAL FOR BACKFILLING GIVEN BY THE W.F.C. REPRESENTATIVE.
21. THE MINIMUM NUMBER OF COMPACTION TESTS REQUIRED TO SATISFY THE PRESSURE SEWER CODE OF AUSTRALIA (CLAUSE 21.3.4) ARE:
    TRAFFICABLE:
    PIPE EMBEDMENT ZONE: NIL TRENCH FILL ZONE: NIL ×× REFER NOTE 9 ××
    NON-TRAFFICABLE:
    PIPE EMBEDMENT ZONE: NIL TRENCH FILL ZONE: 7 TESTS
22. BOUNDARY KITS ARE 316 STAINLESS STEEL BALL VALVE & SWING CHECK VALVE (CLASS 16), COMPLETE WITH OPEN BASE ACCESS BOX WITH LID. MONO 900L TANK (PSS-EC0180) INSTALLED WITH BOUNDARY KIT *(REFER GENERAL ARRANGEMENT)*, PUMP INSTALLED BY OTHERS.
23. ALL MAINS WERE FLUSHED WITH WATER TO REMOVE ANY DEBRIS PRIOR TO COMMISSIONING.
24. SURFACE IDENTIFICATION MARKERS WERE PROVIDED TO P.T.W. REQUIREMENTS.
25. ROPE OFF ALL PRESSURE SEWER UNITS & FLUSHING POINTS TO LIMIT DAMAGE DURING CONSTRUCTION.
26. ⊙ DENOTES MONO 900L COLLECTION WELL (TANK). *[REFER TO LOCATION DETAILS FOR COLLECTION WELL ON SHEET 4]*. ELECTRICAL CONDUITS INSTALLED CONCURRENTLY WITH PE CONNECTION TO BOUNDARY KIT IN ACCORDANCE WITH THE RELEVANT AUSTRALIAN STANDARDS.

∅ DENOTES H.S. CONNECTION INSERTED IN EXISTING MAIN.

WORK-AS-CONSTRUCTED CERTIFICATION

DEVELOPER: JOHNSON PROPERTY GROUP Pty. Ltd.
PROJECT SUPERVISOR: ROSE ATKINS RIMMER (INFRASTRUCTURE) Pty. Ltd.
CONSTRUCTOR: BOOMDELL Pty. Ltd.
COMPLETED: 8/4/2016 W.A.C. PREPARED: 6/5/2016

DESIGNER: ROSE ATKINS RIMMER (INFRASTRUCTURE) Pty. Ltd.

I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS.

SERVICE	DATE	REF.

SCALE BAR: 0 5 10 20 30 40 50 100 METRES

ROSE ATKINS RIMMER (Infrastructure) Pty. Ltd.
WATER RELATED INFRASTRUCTURE DESIGN AND MANAGEMENT
142 SUNNYHOLT ROAD, BLACKTOWN
P.O. BOX 6745, BLACKTOWN N.S.W. 2148
PH: (02) 9853 0200 FAX: (02) 9671 7399
Incorporated in New South Wales

Quality Endorsed Company

CLIENT: Pitt Town Water

TITLE:
PLAN OF PROPOSED LOW PRESSURE SEWER INFRASTRUCTURE
CLEARY SUBDIVISION - STAGE 2 & 5
HAWKESBURY STREET & OTHERS, PITT TOWN
L.G.A. HAWKESBURY

PITT TOWN WATER REF: STAGE Pt. 6P & 8P

SHEET 1 OF 1

VERSION: WAC

DRAWN:	SCALE:	DATUM:	U.B.D. REFERENCE:	JOB No.
D.SHEATHER	1:1000	-	67 L7	10/20978/C2
VERIFIED: S.RIMMER	REVIEWED: D.SAWKINS	APPROVED:	DATE: 13/11/2015	