

Our Reference: NA242813

24 April 2025

Blue Sox Developments  
27 Australia St  
Camperdown NSW 2050

Attention: Oliver Wehbe

Dear Oliver

Suite 1, Level 1  
240-244 Pacific Highway  
CHARLESTOWN NSW 2290

T 02 4926 4811

ENGINEERS

MANAGERS

INFRASTRUCTURE  
PLANNERS

DEVELOPMENT  
CONSULTANTS

**Re: Water & Sewer Design Report – 3 Memory Ave, Crookwell**

ACOR Consultants have been engaged to design and document water and sewer servicing of the proposed subdivision development as per above site.

Existing Upper Lachlan Shire Council (ULSC) water and sewer assets were considered within the design and based on advice as provided by ULSC representatives to service the subdivision development.

Water:

Existing DN100 water supply assets, located within Memory Ave and McIntosh Road were utilised and are the connecting assets.

A DN100 water supply extension is proposed to interconnect the existing water supply assets and provide a suitable water main frontage to the development lots and servicing via pre-laid water services.

The DN100 is located within the water supply allocation within the road verge and 0.8m from back of kerb. Zone valves and hydrants have been provided to comply with fire coverage as well as maintenance and flushing where required.

The proposed water main material is DN100 oPVC. Dual pre-laid water services are proposed as DN25, single as DN20.

The water reticulation has been designed in accordance with WSC 03-2011-3.1 Water Supply Code Australia (Regional NSW) Version 01 and in alignment with ULSC requirements.

Sewer:

Existing DN150 sewer main assets located adjacent to Memory Ave and McGeechan Street were utilised and provide connecting assets for the proposed subdivision.

The subdivision has been separated into two catchment, 14 lots to the Memory Ave connection and the remaining 6 lots to the McGeechan St connection.

The sewer reticulation design considers proposed lot grading, IAD and inverts of connecting assets.

Lot connections have been located, where possible 1.0m from the side boundary so to achieve maximum lot catchment.

The sewer reticulation has been designed in accordance with WSA 02-2014-3.1 Gravity Sewerage Code of Australia (Regional NSW) Version 01 and in alignment with ULSC requirements.

I appreciate your time and consideration. Please contact me with any queries you might have.

Yours faithfully,  
**ACOR Consultants Pty Ltd**

A handwritten signature in blue ink, appearing to read 'M Russell'.

Matthew Russell  
Senior Designer & Project Manager