



7422/H/SM

20 May, 2013

City Plan Services
364 Kent Street
Sydney NSW 2000

Attention : Melanie Freeland

Dear Melanie

**Re : SDD 13_5816 Deliverables
Lismore Base Hospital Stage 3A Redevelopment**

Please find listed below our input into the above document;

No. 13 – Integrated Water Management Plan

- Direct connection to the authorities watermain in Uralba Street via a water meter located adjacent to the Uralba street frontage
- Water storage tank to ensure a water supply (limited time period) to the facility should the water main fail
- Installation of a water storage tank will also reduce “peaks” in water draw-off with a slower more steady draw-off
- To reduce contamination of the potable water supply backflow prevention devices will be installed as per the requirements of AS3500
- The installation of water saving taps and outlets to reduce water consumption will be adopted

No.19 - Services Statements

- Sewer – Sanitary plumbing and drainage from the Stage 3A redevelopment will connect into the existing hospital's 150mm sewer located in a north westerly direction from the Stage 3A site.
- Water – to the redevelopment will extend from the authorities watermain in Uralba Street via a water meter located adjacent to the Uralba street frontage. Water will initial supply an onsite water storage tank with water from this tank supplying domestic cold water fixtures and fittings as well as hot water plant,

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mechanical plant. Cold water will feed the fire storage tanks located in the bottom of the building.

- Gas – to the redevelopment will extend from the authorities Liquefied Petroleum Gas (LPG) main located in Uralba Street. Gas will supply domestic hot water plant, future “back of House” facilities and mechanical heating plant via a gas meter located adjacent to the Uralba street frontage.

NOTE – Initial discussions with the authorities have indicated that their infra-structure should be adequate to support the Stage 3A development. The authorities have advised that when actual loads etc are known a formal submission should be made. We believe we are now in a position on the water and sewer to make a reasonable assumption on the loads required to support this development. When mechanical loads ie LPG for mechanical heating are available a formal application can be made to Elgas.

Stormwater, Onsite stormwater detention, sedimentation and erosion control etc is being undertaken by the civil engineer

Yours faithfully,

DONNELLEY SIMPSON CLEARY CONSULTING ENGINEERS PTY LTD

Simon Matthews
Director