

June 14, 2024

Our Ref: JN3267

Element
L18, 191 St Georges Terrace
Perth WA 6000

Attention: Campbell Green

Dear Sir,

RE: 10 Bayley Street, Coolgardie

Kal Engineering Consultants were engaged to undertake an engineering and assessment to the aforementioned site with respect to the construction of an additional 40 motel units.

Site drainage plans have been prepared and attached for your reference and includes drawings:

- JN3267-C-001 – Overall Site Drainage Plan
- JN3267-C-002 – Part Drainage Plan
- JN3267-C-003 – Part Drainage Plan
- JN3267-C-004 – Details

The site is currently serviced by two water service connections, Watercorp have advised the following: *“account no. 9007375674, 1x 20mm service. There was a second 40mm service disconnected ~ 2000.”*

Refer attached Watercorp as-constructed plan detailing the service locations.

Based on the existing 15 motel rooms and the proposed additional 40 units an 80Ø @ 340 l/m water service would be required. However, we recommend pressure testing is undertaken prior to the application for the service upgrade; it is possible that the water pressure is such that the supply requirements cannot be met.

On site tanks and pumps maybe required to cater for peak demand, if this is the case a smaller meter size could be adopted, noting this option would see a reduced connection fee.

Plans of the local sewer were provided by the Shire of Coolgardie (refer attached), they show an existing 150Ø junction which would satisfy the requirements of the site.

If you have any questions please feel free to contact the undersigned

Sincerely,



Simon de Been MIEAust CPEng NPER
Principal Engineer