Our Ref: 20-099-20250130-Ltr OPW RFI

30 January 2025

CHIEF EXECUTIVE OFFICER
COUNCIL OF THE CITY OF GOLD COAST
PO BOX 5042
GOLD COAST MC 9726

Attention: Samuel Couch

Dear Samuel,

RE OPERATIONAL WORKS PERMIT (STORMWATER AND EARTHWORKS) ON LAND DESCRIBED AS LOT 901 SP342459, LOCATED AT 81-161 CHRISTENSEN ROAD SOUTH, STAPYLTON

APPLICATION REFERENCE: OPW/2024/1425

Please find below our response to Councils Information Request dated 15th January, 2025. Please be advised that we provide a full response to Councils Information Request and request the assessment of the application continue.

WATER AND WASTE ASSESSMENT

a) Long sections of the sewer property connection from the proposed sewer manhole, up to and including the inspection opening for confirmation of compliant grade, cover, and clearances can be achieved in accordance with WSA02 – Gravity Sewerage Code of Australia, and the SEQ D&C Code as applicable to the City of Gold Coast. Clearly annotate the delineation between Council and private ownership of the property connection at the IO.

   The long sections on drawing 20-099-C120_02 have been updated and a council/private ownership delineation has been added to drawing 20-099-C120_01.

b) Include clear annotations on the drawings to ensure that PE lining is provided to the inside of the new structure in accordance with section 7.6.2 of WSA02 – Gravity Sewerage Code of Australia.

   An annotation has been added to drawing 20-099-C120_01 for the PE lining of the proposed manhole.

c) Amend the Sewer Redirection Layout Plan to annotate the horizontal clearance between the proposed sewer manhole and existing water main, ensuring compliance with Table 5.4 of WSA02 – Gravity Sewerage Code of Australia is achievable.

   An annotation has been added to drawing 20-099-C120_01 and 02 for the clearance between the existing water main and the proposed sewer manhole. The existing water main is generally approx. horizontally 600mm clear of the existing sewer main with a vertical clearance of greater than 750mm, however this is reduced to 150mm adjacent to the proposed sewer manhole.

d) Demonstrate the full extent of sewer diversion works, indicating where the gravity sewer discharge will connect into once the diversion is made live. This may include reference to other applications associated with downstream trunk sewer works or associated connections.

A sewer main structure plan has been added to drawing 20-099-C120_01 to show the existing gravity sewer main that the diversion works are connecting into as well as the downstream sewer works that are currently under construction (COM/2022/61). The proposed works cover by this operational works (OPW/2024/1425) will not commence until the downstream works have been completed and the connection is live.

Given the above supporting material, we submit that this operational works application should be **APPROVED**. Should you require any further information, please do not hesitate to contact us.

Yours faithfully,

Travis Smith
Principal Civil Engineer
RPEQ 16400
i³ consulting pty ltd
encl.