

16 December 2019

**CHIEF EXECUTIVE OFFICER
CITY OF GOLD COAST
PO BOX 5042
GOLD COAST MC 9729**

Attention: Planning, Building and Development Assessment

icubed consulting
innovation ingenuity inspiration
ABN 89 106 675 156

Dear Sir/Madam,

**RE OPERATIONAL WORKS PERMIT (WATER AND SEWER CONNECTION) ON LAND DESCRIBED
AS LOT 334 SP193431, LOCATED AT 84-160 CHRISTENSEN ROAD SOUTH, STAPYLTON**

Please find below our response to Councils Information Request dated 6th March 2019. Please be advised that we provide a full response to Councils Information Request and request the assessment of the application continue.

1) Water Connection

- a) Drawing No. C42-A: Water connection plan and details are not compatible with each other. Amend the design so they are a true reflection of each other.

The drawing has been amended to reflect all meter details on the *Meter Assembly Detail* only. Reference has been added to the *Water Connection Detail* for this.

- b) Details of the proposed meter arrangement must be provided in accordance with standard drawing No. 11-154 Revision 0. Amend the design accordingly. Current council water meter standard drawing can be accessed at <https://www.goldcoast.qld.gov.au/meter-drawings-technical-specifications-guidelines-for-submetering-30253.html>

The metering arrangement has been amended to reflect the requirements of standard drawing 11-154-0.

- c) A cross section of water meter connection generally to reflect the standard meter arrangement which shows

i. Base slab including dimensions

The base slab is included within the easement dimensions, as noted on GCCC standard drawing 11-152-0. Refer amended dimension notation on drawing C42, within the *Water Connection Detail*.

ii. Structural supports (including details) – one on each side of the meter

Structural pipe support information has been added to the drawing, refer *Meter Assembly Detail*.

iii. Puddle flange

Puddle flange restraint has been nominated on the flanged sluice valve arrangement, which is to be in accordance with standard drawing SEQ-WAT-1206-1.

iv. Easement for the meter arrangement including dimensions

See response for (i) above - the easement dimensions for the meter arrangement have amended notation on drawing C42, within the *Water Connection Detail*.

v. Details of bollards to provide protection between the driveway and meter arrangement

Bollards are not required between the driveway and meter arrangement, due to the distance between the assets and vehicle deterrent devices.

- To the east, there is 7.417m distance between the driveway and the edge of easement.
 - To the north and south, there is kerbing to deter vehicles from trafficking the verge and landscaping areas.
 - To the west, there is 14.16m distance between the driveway and the edge of easement.
- vi. Clearances of the meter to all buildings and structures.
- Some dimensions have been placed on drawing C41.

d) Provide a table of schedule of fittings required

The table of fittings for the water connection and meter assembly has been added to drawing C42.

2) Sewer Connection

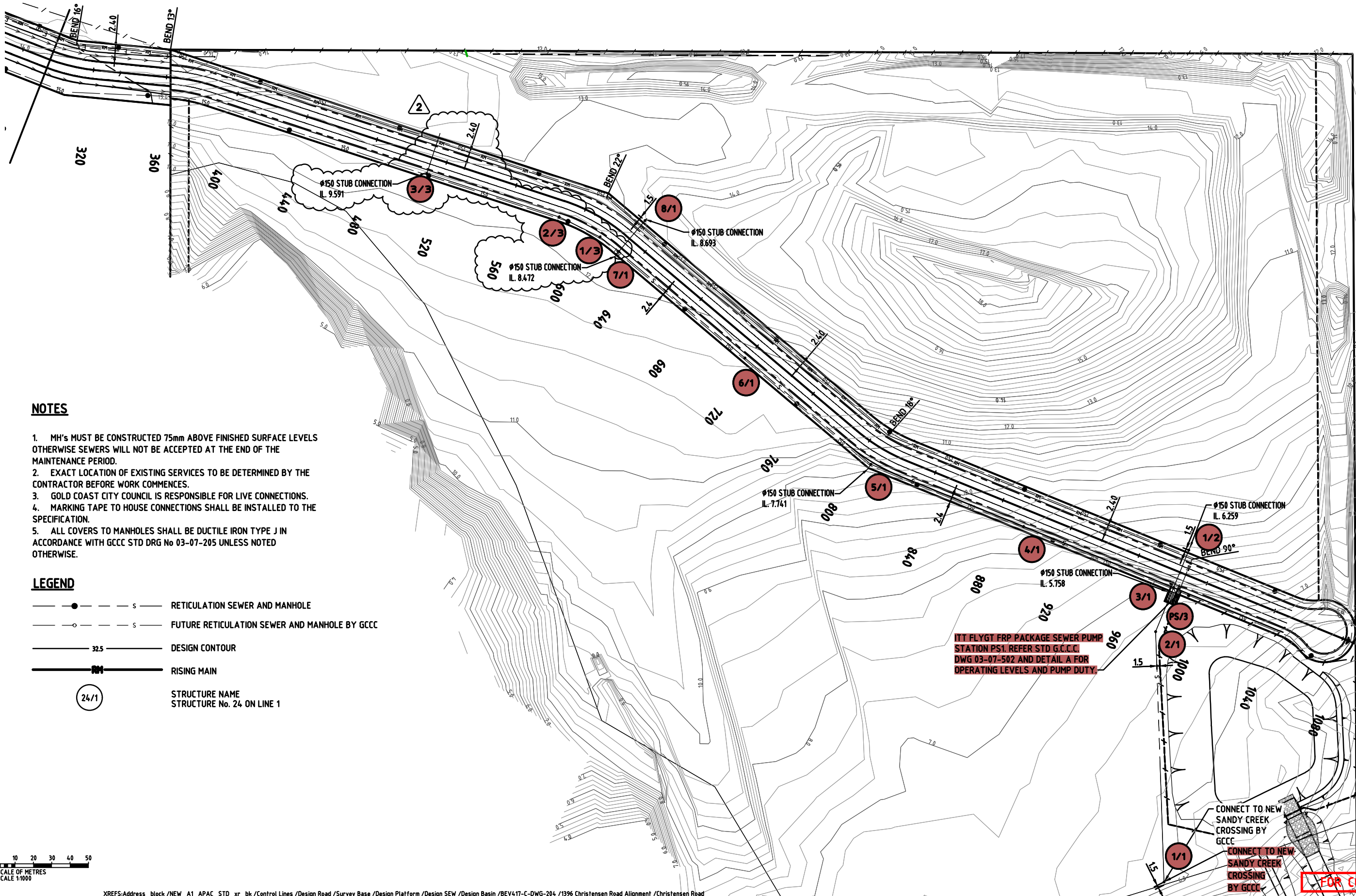
Sewer connection plan shows a MH as a pump station. Council records do not show existence of any sewerage pump station at this location. Please clarify.

Please see enclosed drawing showing the existing private pump station information. The pump station is a temporary structure until a Gold Coast Council gravity sewer main becomes available for the area to connect to.

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.

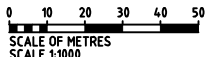
Yours faithfully,

Katherine Leggett
Civil Engineer
i3 consulting pty ltd
encl.



- NOTES**
- 1. MH's MUST BE CONSTRUCTED 75mm ABOVE FINISHED SURFACE LEVELS OTHERWISE SEWERS WILL NOT BE ACCEPTED AT THE END OF THE MAINTENANCE PERIOD.
 - 2. EXACT LOCATION OF EXISTING SERVICES TO BE DETERMINED BY THE CONTRACTOR BEFORE WORK COMMENCES.
 - 3. GOLD COAST CITY COUNCIL IS RESPONSIBLE FOR LIVE CONNECTIONS.
 - 4. MARKING TAPE TO HOUSE CONNECTIONS SHALL BE INSTALLED TO THE SPECIFICATION.
 - 5. ALL COVERS TO MANHOLES SHALL BE DUCTILE IRON TYPE J IN ACCORDANCE WITH GCCC STD DRG No 03-07-205 UNLESS NOTED OTHERWISE.

- LEGEND**
- S — RETICULATION SEWER AND MANHOLE
 - S — FUTURE RETICULATION SEWER AND MANHOLE BY GCCC
 - 32.5— DESIGN CONTOUR
 - RM— RISING MAIN
 - 24/1 STRUCTURE NAME
STRUCTURE No. 24 ON LINE 1



XREFS:Address_block /NEW_A1_APAC_STD_xr_bk /Control Lines /Design Road /Survey Base /Design Platform /Design SEW /Design Basin /BEV417-C-DWG-204 /1396 Christensen Road Alignment /Christensen Road

BURNSIDE DEVELOPMENTS PTY LTD
99 ANNERLEY ROAD
WOOLLOONGABBA QLD 4102

2 SEWER EXTENDED
1 REVISED BUFFER ZONE
0 FOR CONSTRUCTION

04.04.06
04.10.05
10.08.05

J POMROY
J POMROY
D NEUHOLD
GC LOVELL

1:1000 (A1)
AM FRANGIOSA

BEV417
BEV417-C-DWG-202.dwg

INDUSTRIAL ESTATE
CHRISTENSEN ROAD, YATALA
SEWER RETICULATION
LAYOUT PLAN

BEV417-C-DWG-202