



Our Reference: 41901-PS [ID 995064]  
Your Reference: OPW/2023/1499

## Civil Engineering Project Coordination

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17 April 2024

MUS Pty Ltd t/as:  
Mortons - Urban Solutions  
ABN: 39 116 375 065

Chief Executive Officer  
Council of the City of Gold Coast  
PO Box 5042  
Gold Coast Mail Centre Qld 9729

**Attention: Craig Morse**

Dear Craig

**Re: Compliance of Condition 3 – Amended Drawings for Operational Civil Works Application over Lots 188 & 189 on RP173728 at ‘Courtney Drive, Sewer Pump Station & Rising Main’**

Further to your Decision Notice dated 13<sup>th</sup> March 2024, Condition 3 requested amended drawings and calculations to be submitted for approval, please condition below.

### 3. Amended Drawings

*Prepare and submit amendments to the drawings for confirmation they constitute the approved drawings for the purposes of this development approval. All amended drawings must be submitted (and confirmed by Council) prior to any works on site.*

| Water & Waste                         |                         |            |                       |         |
|---------------------------------------|-------------------------|------------|-----------------------|---------|
| Drawing Title                         | Author                  | Date       | Drawing No.           | Version |
| Sewer Pump Station Layout             | Mortons-Urban Solutions | 18/12/2023 | 41901-SPS-521         | A       |
| Title & Index Sheet                   | Aquatec                 | 21/11/2019 | 2019.GOGC.STD.2250.01 | P3      |
| Sewage Pump Station Plan              | Aquatec                 | 01/07/2019 | 2019.GOGC.STD.2250.02 | P2      |
| Sewage Pump Station Section & Details | Aquatec                 | 21/11/2019 | 2019.GOGC.STD.2250.03 | P2      |
| Sewage Pump Station Details           | Aquatec                 | 21/11/2019 | 2019.GOGC.STD.2250.04 | P1      |
| Sewage Pump Station Structure Detail  | Aquatec                 | 01/07/2019 | 2019.GOGC.STD.2250.05 | P1      |
| Sewage Pump Station Backfill Detail   | Aquatec                 | 01/07/2019 | 2019.GOGC.STD.2250.06 | P1      |
| Sewage Pump Station Bill of Materials | Aquatec                 | 01/07/2019 | 2019.GOGC.STD.2250.07 | P1      |

#### GOLD COAST (HEAD OFFICE)

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#### SUNSHINE COAST

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The following amendments must be included:

- a) Amend 'Sewer Pump Station Layout' (41901-SPS-521) to include the following detailed information.
  - i. Specify the wet well lid / access cover type in accordance with SEQ CIVIL IPAM Approved (CoGC Approved); and
  - ii. Illustrate and note appropriate bollard/s, fencing, and gate/s in accordance with SEQ Sewerage Pump Station Code 12.3 Security and SEQ-SPS-1102-1 Note 6.
- b) Amend the arrangement, dimensions, and pump sizing to be consistent with the information contained within the approved civil drawings by Mortons – Urban Solutions.
- c) Provide detailed electrical switchboard schematic / design for Council review and approval.
- d) Provide detailed radio telemetry equipment information for Council review and approval.

Please see attached the following drawings for approval.

**Mortons Urban Solutions Drawings:**

- Sewer Pump station Layout plan 41901-SPS-521 Rev C

**Aquatec Drawings**

Civil and Mechanical Drawings

- Pump Station Title & Index 20333-10000 Rev A
- Pump Station Site Layout 20333-10001 Rev A
- Pump Station Hydraulic Schematic Diagram 20333-40001 Rev A
- Pump Station P&ID 20333-40002 Rev A
- Pump Station SPS Plan 20333-10002 Rev A
- Pump Station SPS Section 20333-10003 Rev A
- Pump Station Miscellaneous Details 20333-10004 Rev A
- Pump Station SPS Bill of Materials 20333-10005 Rev A
- Pump Station Wet Well with valve Chamber – Standard Notes 20333-30000 Rev A
- Pump Station SPS Reinforcement details 20333-30001 Rev A
- Pump Station SPS Backfill details 20333-30001 Rev A

Typical Standard Drawings

- AQSTD-00001
- AQSTD-00003
- AQSTD-00003

Electrical Drawings

- Pump Station Drawing Index Sheet 00 of 13 Rev A
- Pump Station Main Switchboard single line Diagram Sheet 01 of 13 Rev A
- Pump Station Main Switchboard Power Distribution Schematic Wiring Diagram Sheet 02 of 13 Rev A
- Pump Station Common Control - RTU Radio Schematic Wiring Diagram Sheet 1 of 3 Sheet 03 of 13 Rev A
- Pump Station Common Control - Level Control Schematic Wiring Diagram Sheet 2 of 3 Sheet 04 of 13 Rev A
- Pump Station Drawing Common Control -RTU Schematic Wiring Diagram Sheet 3 of 3 Sheet 05 of 13 Rev A
- Pump Station Pump 1 - DOL Starter Schematic Wiring Diagram Sheet 06 of 13 Rev A
- Pump Station Pump 2 - DOL Starter Schematic Wiring Diagram Sheet 07 of 13 Rev A
- Pump Station Main Switchboard Network Layout Sheet 08 of 13 Rev A
- Pump Station Main Switchboard General Arrangement 1 of 2 Sheet 09 of 13 Rev A
- Pump Station Main Switchboard General Arrangement 2 of 2 Sheet 10 of 13 Rev A
- Pump Station Main Switchboard Construction Notes Sheet 11 of 13 Rev A

- Pump Station Main Switchboard Equipment Schedule Sheet 12 of 13 Rev A
- Pump Station Main Switchboard Telemetry Pole Location Sheet 13 of 13 Rev A

We note that the attached Aquatec drawings now replace the ones listed in Condition 3 of the approval. We also note that Buoyancy calculations, Pump Curves Deviation register has been included as part of this submission.

If you have any further queries regarding this matter, please contact Ursula Weeks of this office on 07 5571 1099.

Yours faithfully



**John Harrison**  
**Mortons – Urban Solutions**  
(UW)

Encl:

Drawings and calculations as listed above.

c.c. HB Land Qld Pty Ltd