

Our Ref: OG CS1806.02272
Your Ref: RFI-0777

23 January 2020



McIlwain SGQ JV
PO Box 5120
Red Hill Rockhampton QLD 4701

Attention: Mark Stone

Dear Mark

Contract CN-8766
RNAU - Main Contract
RFI-0777 Amended Balance Response – Size discrepancy for SW Pit 8 and 9/230
Proposed Variation VAR-077 – Modified design for SW Pit 8 and 9/230

I refer to previous correspondence:

- Email from McIlwain SGQ JV containing RFI-0745 on 5 December 2019;
- Administrator's letter OG CS1806.02087 with interim response to RFI-0745 on 11 Dec 2019;
- Email from McIlwain SGQ JV containing RFI-0777 on 18 December 2019.
- Administrator's letter OG CS1806.02184 with interim response to RFI-0777 on 20 Dec 2019;

RFI Request

As per RFI-0745 there are pit discrepancies on Line 230, specifically pits 9/230 and 8/230. There is a high possibility the precast pits will be damaged in transport and unloading due to their size, the large voids which will be needed and the shallow remaining sections of the pits.

We propose the following:

Miscellaneous Structures Drawing 780225 and 780226 (attached) detail special drainage chamber 15/160. We propose to pour insitu chambers in accordance with this design and reinforcement detail, however, adjust the chamber so it is appropriate size.

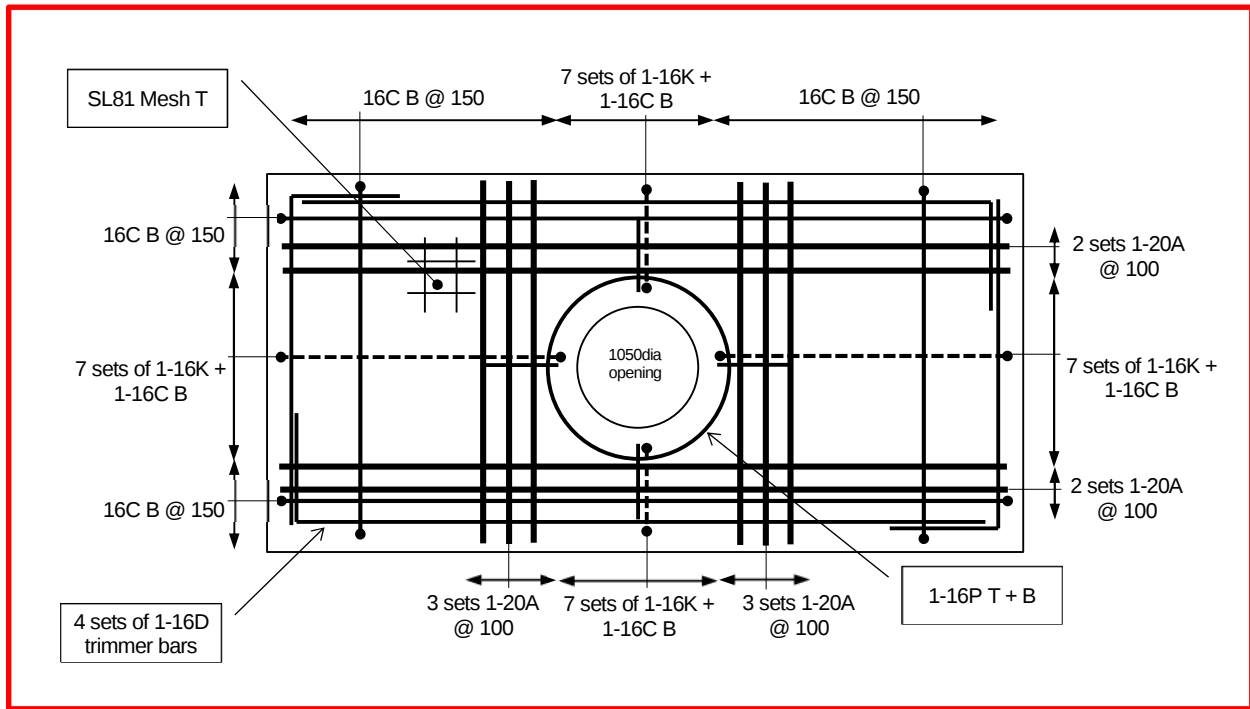
Pit 9/230: Due to the angle of the outlet RCBC a 2500mmx1500mm (Internal Diameter) chamber is proposed (attached drawing).

Pit 8/230: As the inlet and outlet of these RCBC do not have an angle a 2400mmx1500mm (Internal Diameter) chamber is proposed (attached drawing). We request confirmation if we can proceed.

RFI Response

The Administrator has referred your request onto the Principal's Designer and they have provided the following advice:

1. *"The proposed construction method for pits 8 and 9 is approved.*
2. *Floor and Walls reinforcement as per design details prescribed for SW Pit 15/160 (DWG 780225 and 780226).*
3. *Roof Slab reinforcement as per design details prescribed for SW Pit 15/160 (DWG 780225 and 780226) with additional reinforcement as shown below:"*



MODIFIED ROOF SLAB - PLAN

In accordance with Clause 40.1 of the General Conditions of Contract, the Administrator proposes the following variation, namely VAR-077 – Modified design for SW Pit 8 and 9/230.

A brief summary of the additional scope of works is as follows:

- a) Item 32126 Work Operations - Blinding concrete for SW Pit 8 and 9/230 as per MRTS04 and MRTS70.
- b) Item 30463 Work Operations - Construction of cast insitu stormwater SW Pit 8 and 9/230 (including roof slabs) in accordance with the above and MRTS03 and MRTS70
- c) Recording of As Constructed details.

In accordance with Clause 40.2 of the General Conditions of Contract, the Contractor is requested to advise:

1. Whether the variation can be effected;
2. The effect which the Contractor anticipates that the variation will have on the Construction Program and time for Practical Completion;
3. Provide a detailed estimate of the costs (including delay costs, if any) of the proposed variation; and
4. Provide with your response to 1, 2, and 3 above the reasonable cost of complying with the requirements of Clause 40.2 Proposed Variations, of the General Conditions of Contract.

Please contact me if you have any further queries in relation to the above.

Yours sincerely

Mark Frideaux
Contract Administrator

