

RFI #018

Submitted to engineer of record for clarification before construction proceeds.

FDU-S2 • RFI-018

STATUS • AWAITING RESPONSE

FROM

A. Lieblisch (Contractor PM)

TO

J. Park (Consulting Engineer)

DATE SUBMITTED

10 Jun 2026

RESPONSE REQUIRED

17 Jun 2026 (7 days)

DRAWINGS

C-201 Rev B • C-203 Rev A

1 • RAISED

10 Jun

2 • LOGGED

10 Jun

3 • AWAITING

Engineer

4 • CLOSED

—

SUBJECT

Flow rate *assumption* • chainage 0+340

Drawing C-201 Rev B specifies a 600mm RCP pipe based on 12 L/s flow rate. Site investigation (May 2026) suggests catchment may be larger than assumed.

CLARIFICATION REQUESTED

QUESTION

Please confirm whether the design flow rate of 12 L/s at chainage 0+340 remains appropriate given the revised catchment boundary identified during May site survey (refer attached SK-04). If revised, please advise:

- (a) the new design flow rate;*
- (b) any required pipe diameter change (currently 600mm RCP); and*
- (c) impact on adjacent structures (manhole MH-12, headwall H-04).*

CONTEXT • WHY IT MATTERS

- Pipe procurement long-lead item; we hold an order for 600mm at our supplier until **20 Jun 2026**.
- Headwall H-04 design is dimensioned against 600mm pipe — a change cascades.
- Programme: a 7-day response holds programme. Beyond 17 Jun, schedule impact ~3 days per week of delay.

COST / PROGRAMME EXPOSURE

If pipe diameter increases, indicative additional cost **~\$8,400 ex GST** (pipe + bedding + extra excavation). Programme impact **3–5 days**. Will raise Change Request CR-05 upon clarification.

ATTACHMENTS

- **SK-04** — Site survey sketch · revised catchment boundary (3 pages)
- **Photo set** — Existing kerb & channel condition at chainage 0+340 (6 photos)
- **C-201Rev B** — Issued for Construction drawing (1 page, marked-up)

ENGINEER RESPONSE · TO BE COMPLETED

RESPONSE · J. PARK

RAISED BY

A. Lieblich

Contractor PM

RESPONSE BY

J. Park

Consulting Engineer · Engineer of Record