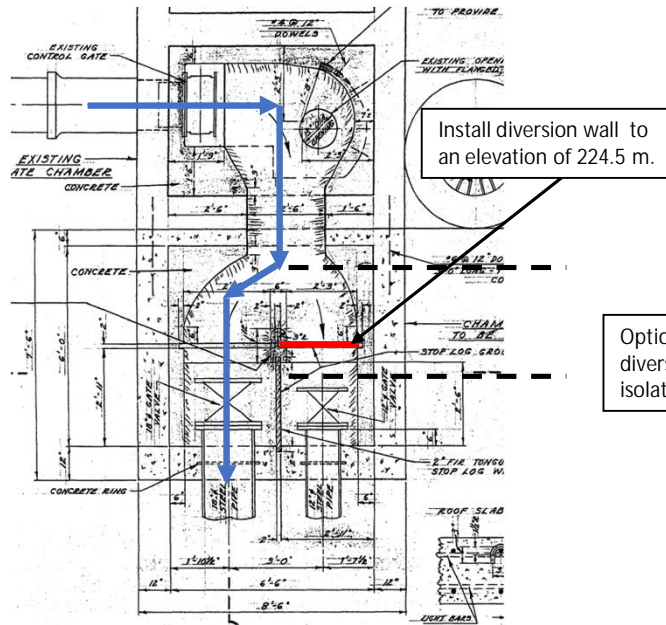
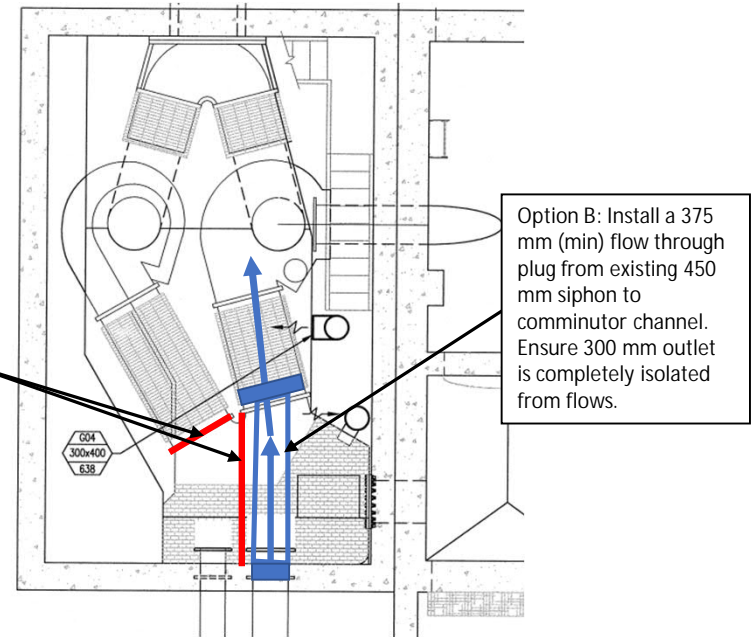


DIVERSION OPTIONS



EXISTING 300/450 SIPHON INLET CHAMBER



EXISTING 300/450 SIPHON OUTLET CHAMBER

NOTES

- The diversion through the existing 300/450 mm inlet chamber can be accomplished by installation of a diversion wall at the inlet of the 300 mm siphon to be lined.
- The diversion through the existing 300/450 mm outlet chamber can be accomplished by either:
 - Option A: Construction of temporary diversion walls to isolate the 300 mm outlet.
 - Option B: Installation of 375 mm (min.) flow through plug between existing 450 mm siphon outlet and comminutor channel.
- Maximum allowable levels in the upstream system is 224.5 m.
 - Upstream levels are expected up to 224.2 m when flow is diverted through the 450 mm siphon.
- Diverted flow levels in the downstream chamber are expected to be approximately 222.9 m.
 - The top of the comminutor channels are approximately 223.35 m.
- The Contractor shall maintain flow through the site at all times, and work shall be completed in dry weather flow conditions only:
 - Estimated peak dry weather Flow: 164 l/s
 - Estimated 5-year wet weather Flow (with a closed overflow in the Munroe Chamber): 14,000 l/s
- In the event of wet weather, all plugs or diversion walls must be removed to allow wet weather flows to pass.