

Please be advised of the following changes to the Contract Drawings and Tender Documents:

DRAWINGS

1. Drawings SS-C-03 & SS-C-04
 - a. Viewports have been added to the drawing to correlate to plan and profile drawing sheet limits.
 - b. Technical changes noted below have been addressed on the drawings.
2. Drawings SS-C-10, SS-C-12, SS-C-15
 - a. The twin forcemains from the future east gorge reservoir pumping station have been increased from 100 mm dia to 150 mm dia. The size of one of the forcemains between VC2 and the WWTP has been increased from 100 mm dia to 150 mm dia.
3. Drawing SS-C-13
 - a. The twin forcemains from the future east gorge reservoir pumping station have been increased from 100 mm dia to 150 mm dia. The size of one of the forcemains between VC2 and the WWTP has been increased from 100 mm dia to 150 mm dia.
 - b. The vertical and horizontal alignment for the twin forcemains between STA 5+740 and VC2 have been revised. Please note the following:
 - i. The location of the crossing at Lakeshore Road has been revised.
 - ii. The casing pipe material across Lakeshore Road has been revised.
4. Drawing SS-C-14
 - a. The horizontal and vertical alignment of the 100mm dia forcemain south of VC2 has been revised.
 - b. The alignment of the forcemain pipes at VC5 has been revised.
5. Drawing SS-C-16
 - a. The configurations of valve chambers VC2, VC3 and VC4 have been revised.
6. Drawing SS-C-17
 - a. The configuration of valve chambers VC5 has been revised.
 - b. A typical detail for a pressure gauge assembly has been added to the drawing.
7. Drawing SS-C-20
 - a. The routing of the temporary forcemain has been revised such that the influent source for WWTP commissioning is to be taken from the existing sedimentation pond at the PGWMMF WTP.
 - b. The material specification for the temporary forcemain pipe has been removed from the plan. The design of the material, pipe class, etc. for the temporary forcemain pipe is to be completed by the Contractor as a submittal under Specification Section 33 32 15.
 - c. The requirements for an air release valve and a pressure gauge have been added to the temporary forcemain pipe.
8. Drawing SS-C-33
 - a. The burial depth of the discharge sewer downstream of MH 3A has been revised.
9. Drawing SS-C-34

- a. The horizontal and vertical alignment of the discharge sewer downstream of MH 4A have been revised.
10. Drawing SS-C-35
- a. The horizontal and vertical alignment of the discharge sewer downstream of MH 5B have been revised. Please note the following:
- i. The location of the crossing at Lakeshore Road has been revised.
 - ii. The configuration of the discharge sewer and the casing pipe across Lakeshore Road has been revised.
- b. At MH 7A, the size of the pipe entering the structure from the east has been increased to a 250 mm dia pipe from a 150 mm dia pipe.
- c. At MH 7A, the size of the pipe leaving the structure has been increased to a 300 mm dia pipe from a 200 mm dia pipe.
11. Drawing SS-C-36
- a. Drawing is added to Contract B set to clarify design requirements for discharge sewer crossing between MH's 5B and 6B.
12. Drawing SS-C-40
- a. Storm sewer has been added to the scope of work upstream of DICBMH 201.
13. Drawings SS-C-41 and SS-C-42
- a. At MHC-04, the diameter of the PVC leaving the structure from the southwest has been increased to a 150 mm dia pipe from a 100 mm dia pipe.

SPECIFICATIONS

Section	Page	Article	Description
33 05 14	4	2.1.9	Revised "2500 x 2500 Tees" to "250 x 250 Tees"
	4	2.1.10	Item added
33 32 15	3	2.1.3	Revised "10 L/s @ 50 m TDH" to "10 L/s @ 27 m TDH"
	3	2.2.1	Revised "The Contractor shall provide stainless steel pipe to transfer liquid" to "The Contractor shall provide temporary piping suitable for this application".
	3	2.2.2	Item added
	4	2.3	Item added
	4	2.4	Item added
33 34 00	4	2.1.2	Revised "Polyethylene pressure pipes" to "Polyethylene pressure pipes and casing"
	7	-	Deleted paragraph 2.6 Steel Pipe Casing
	7	2.6	Item added
	7	2.7	Item added

Section	Page	Article	Description
33 44 00	1	1.1.1	Revised "...and PVC and PE discharge sewer with bedding material" to "...and PVC and PE discharge sewer and carrier pipe with bedding material".
	1	1.3.1.1	Item added
		1.3.1.3	Item added
	5	2.3.3.5	Item added
	11	3.8.6.1	Revised "Carry out leakage testing of HDPE discharge sewer and carrier pipe as per requirements of OPSS 410 between MH5B and MH5C" to "Carry out leakage testing of HDPE discharge sewer and carrier pipe in accordance with requirements of OPSS 410 between MH5B and MH6B."