

TRANSMITTAL SHEET

TO: All Bidders

DATE: November 16, 2023

TOTAL NUMBER OF PAGES (INCLUDING COVER PAGE): 6

FROM: Gerry Mattsson, P. Eng. TEL. #: (506) 649-7998
Utilities & Infrastructure Services

IF YOU DID NOT RECEIVE ALL PAGES, OR FURTHER INFORMATION IS REQUIRED,
PLEASE CONTACT THE SENDER

MESSAGE:

TENDER NO: 2022-19

One Mile Lift Station and Egbert Street Force Main

Please find attached a copy of **Addendum #4** for the above tender.

As of March 2021, please be advised that an ***Acknowledgement Form*** (historically sent as part of the City's addendum packages) confirming receipt of an Addendum is **no longer** included in the addendum package.

However, in accordance with Section 2.5.03 of the City's General Specifications, it remains a requirement that **each Addendum** will contain a signature page(s) which each Tenderer is **required to sign and include with its Tender submission.**



UTILITIES & INFRASTRUCTURE SERVICES
 Engineering Services
 175 Rothesay Avenue
 Saint John, NB, E2J 2B4

ADDENDUM

PROJECT TITLE:

One Mile Lift Station

And Egbert Street Force Main

ADDENDUM NO: 4

DATE: November 16, 2023

PAGE: 1 OF 5

TENDER NO: 2022-19

MAKE THE FOLLOWING MODIFICATIONS TO THE ABOVE PROJECT. INCLUDE IN THE AMOUNT OF THE TENDER ANY ADDITIONS TO OR DEDUCTIONS FROM THE COST OF THE WORK BY REASON OF THESE INSTRUCTIONS. THE DATE FOR RECEIVING TENDERS REMAINS THE SAME: 2:30PM, TUESDAY, NOVEMBER 21, 2023.

ADJUSTMENTS TO THE DRAWINGS

Item 1:

Delete Drawing C04 New Sanitary Sewer Piping Plan And Profile Revision 0 – Issued for Tender.

Add Drawing C04 New Sanitary Sewer Piping Plan And Profile Revision 1 – Issued for Addendum #4.

Item 2:

Delete Drawing C07 Egbert Street Plan & Profile Sta. 1+000 to 1+160 Revision 0 – Issued for Tender.

Add Drawing C07 Egbert Street Plan & Profile Sta. 1+000 to 1+160 Revision 1 – Issued for Addendum #4.

ADJUSTMENTS TO THE SPECIFICATIONS

Item 3: Division 3 – Particular Specifications

Add the following paragraph at the end of Section 3.1.14 Construction Sequence Plan:

Based on available model data, where required as a part of the Contractors Construction Sequence Plan (3.1.14) the Contractor is responsible to provide a methodology to convey a minimum of 3.0 L/s from WWN-COM-MH154731 and 35.0 L/s from WWN-SAN-MH001070 into the City system at an approved downstream location. The Contractor can consider pumping wastewater from existing manholes into the existing One Mile SLS grinder chamber during connection of the new sanitary manholes SMH #6 and SMH#10. Connecting

the new 400mm dia. force main into the existing 400mm diameter force main can be completed by use of a live tap using a Mueller H-615 tapping sleeve or equivalent, provided that proper experience can be demonstrated.

ADJUSTMENTS IN GENERAL

Item 4: Response to Queries:

Q1. SJE indicates that the customer contribution towards the install of the new electrical service will be approximately \$13,000 – can you confirm that the Owner will be responsible for coordinating with SJE and paying these costs, and not the contractor?

A1. Section 3.1.32.25 "Measurement for Payment (Electrical) of Division 3.1 (page 3-39) says that the electrical service entrance and equipment is to be included in this pay item, so the contractor is responsible for the required cost.

Q2. Regarding Q/A #2 from Addendum #2; Can you confirm that there is only one SCADA/PLC/RTU panel, and that it is Owner supplied & contractor installed?

A2. Only one SCADA/PLC/RTU panel is required. Panel is not owner supplied.

Q3. Regarding Q/A #2 from Addendum #2; Can you advise on the manufacturer of the Owner supplied SCADA/PLC/RTU panel?

A3. The City is only supplying the radio (GE Orbit) and associated programming of the radio. The contractor is responsible for providing the antenna, cabling, (refer to Section 3.1.32.21 SCADA panel & Section 3.1.32.23 Radio System), and the PLC and HMI programming software and SCADA programming.

Q4. Regarding Q/A #2 from Addendum #2; Does the panel manufacturer need to be engaged and paid by the contractor to provide the programming, software, integration, etc., or is their involvement covered under the PO the City has placed to produce the panel?

A4. See A3 above.

Q5. Regarding Q/A #2 from Addendum #2; Will any part of the programming, software, integration, etc. be performed by City staff?

A5. Programming and software for the SCADA/PLC/RTU is by the panel manufacturer and integration into the City's SCADA system is coordinated with the City.

Q6. Regarding Section 3.1.31; Item 9 Sewage Pumps - Can you confirm that these are supplied with a pre-terminated length of cable, long enough to reach the above ground junction boxes? They do come with pre-terminated length of cable.

A6. Assume the proper length of pump cabling will be selected as part of the shop drawing review process.

Q7. Regarding Section 3.1.31; Item 16 Electronic Pressure Gauge – Can you confirm that these are supplied by mechanical, but installed by electrical (as per drawing E04 detail 12)? Do these require any cabling?

A7. All devices will require cabling. Instrumentation cabling listed on drawings. Determination of subtrade scopes of work to be arranged between the general contractor and their respective subtrades.

Q8. Regarding Section 3.1.31; Item 17 Flow Meter and Transmitter – Can you confirm these are supplied and installed by mechanical? Can you confirm the display is also installed by mechanical?

A8. Determination of subtrade scopes of work to be arranged between the general contractor and their respective subtrades.

Q9. Regarding Section 3.1.31; Item 18 Level and Float Sensors – Can you confirm that these are supplied with factory terminated cabling, sufficient in length to reach the above ground junction boxes? Can you confirm that these are supplied and installed by mechanical (wired only by electrical)?

A9. Assume the proper length of cabling will be selected as part of the shop drawing review process. Determination of subtrade scopes of work to be arranged between the general contractor and their respective subtrades.

Q10. We met with our sheet piling subcontractor today and they have concerns about the proximity of the power lines to where the sheet piling would need to be installed in order to install wet well #2 and the CSO Chambers. Is there any possibility of moving the wet wells closer together or shifting the wet wells and the CSO chambers back towards the creek?

A10. SJ Energy could be engaged by the contractor to cover the lines if need be. SJ energy advises that the clearance from an uncovered line would need to be 12 feet. If the lines were covered, the minimum clearance reduces to 1m.

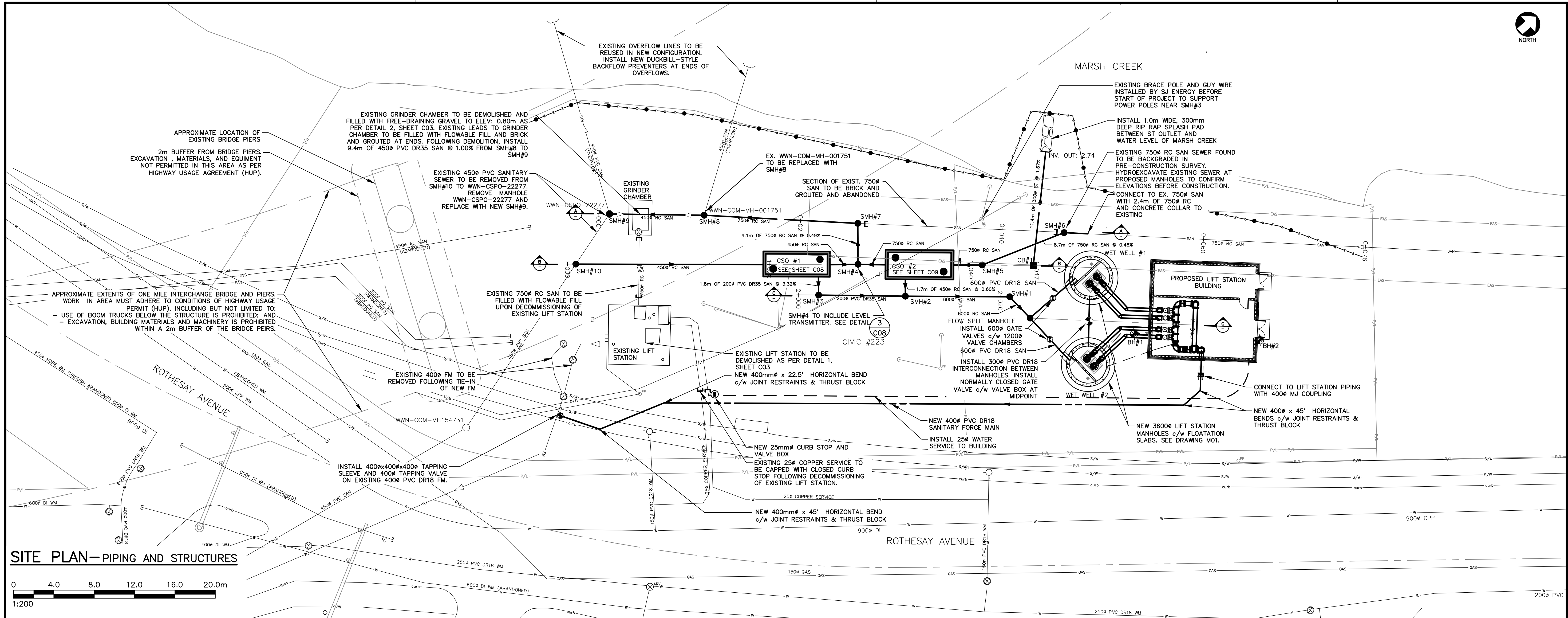
Note: Signed copy of the addendum **must** be enclosed in the tender documents, according to the Instructions to Tenderers and Tendering Procedures in Division 2 of the Contract Specifications.

BY:

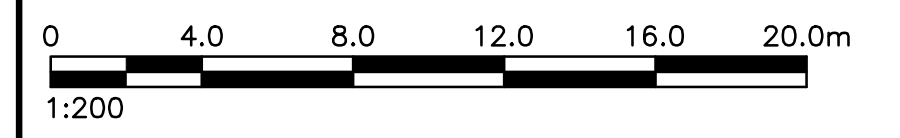

for CHIEF CITY ENGINEER

CONTRACTOR'S SIGNATURE

TO BE SIGNED AND ATTACHED TO TENDER DOCUMENTS



SITE PLAN—PIPING AND STRUCTURES



- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRES.
 2. ALL ELEVATIONS ARE IN GEODETIC METRES. THE HORIZONTAL AND VERTICAL DATUM UTILIZED (NAD 83 AND HTZ).
 3. ALL CHANGES ARE IN METRES.
 4. LOCATION OF EXISTING SERVICES, STRUCTURES AND BUILDINGS APPROXIMATE ONLY.
 5. ALL FIELD SURVEY INFORMATION PROVIDED BY CBCL LIMITED. EXISTING RECORD DRAWING INFORMATION PROVIDED BY THE CITY OF SAINT JOHN MUNICIPAL OPERATIONS & ENGINEERING AND CBCL LIMITED FIELD SURVEY.
 6. TYPICAL TRENCH DETAIL, PIPE INSTALLATION, FITTINGS, STRUCTURES, CONCRETE CURB AND SIDEWALK AS PER CITY OF SAINT JOHN MUNICIPAL OPERATIONS GENERAL SPECIFICATIONS.
 7. ALL WATER MAIN SANITARY FORCE MAIN FITTINGS INCLUDING TEES, BENDS, AND CAPS SHALL BE RESTRAINED USING THROTTLE BLOCK AND RESTRAINERS c/w CATHODIC PROTECTION. CATCH BASINS TO BE 750mm AND MANHOLES TO BE 1050mm UNLESS OTHERWISE NOTED.
 8. EXISTING STRUCTURES TO BE ADJUSTED TO PROPOSED FINISH GRADE.
 9. CONTRACTOR TO ENSURE THAT BELL ALUMINUM, SAINT JOHN ENERGY, ROGERS CABLE MARITIMES & NORTHEAST PIPELINE, ENDRIDGE NATURAL GAS LINE, AND CITY OF SAINT JOHN UNDERGROUND SERVICES ARE LOCATED IN THE FIELD BEFORE START OF EXCAVATION.
 10. AT ALL PIPE CONNECTIONS TO EXISTING WATER MAINS, FUTURE EXTENSIONS AND FIRE LINES, PROVIDE A 25mm (1") MAIN STOP AND SADDLE BOTH SIDES OF GATE VALVE TO FACILITATE TESTING AND CHLORINATION.
 11. ALL WATER LINES AND FORCE MAINS LESS THAN 1.8m COVER TO BE INSULATED WITH 50mm THICK RIGID "STYROFOAM SM" BOARD.
 12. COORDINATE DIMENSIONS FOR ACCESS HATCH WITH PUMP SUPPLIER. SUBMIT SHOP DRAWINGS FOR THE PROPOSED HATCH DESIGN TO COMPLY WITH CITY STANDARD HATCH DETAIL FOR MATERIALS AND ASSEMBLY.
 13. ALL WORK TO BE DONE IN ACCORDANCE WITH THE CITY OF SAINT JOHN GENERAL SPECIFICATIONS, LATEST EDITION.
 14. ALL MUNICIPAL INFRASTRUCTURE, PUBLIC UTILITIES, NATURAL GAS MAINS, AND OTHER INFRASTRUCTURE MUST BE LOCATED IN THE FIELD PRIOR TO START OF EXCAVATION.
 15. CONTRACTOR TO ENSURE PROPER EROSION AND SEDIMENTATION CONTROL METHODS ARE USED TO CONTROL SITE RUNOFF DURING CONSTRUCTION.
 16. ALL APPLICABLE CITY BY-LAWS, PROVINCIAL AND FEDERAL STATUTES AND REGULATIONS MUST BE ADHERED TO.



PROJECT No. 202952.00

NO.	BY	DATE	REVISION
1	Tmc	2023-11-16	ISSUED FOR ADDENDUM #4
0	Tmc	2023-08-22	ISSUED FOR TENDER



CITY OF SAINT JOHN

PROJECT TITLE
ONE MILE LIFT STATION

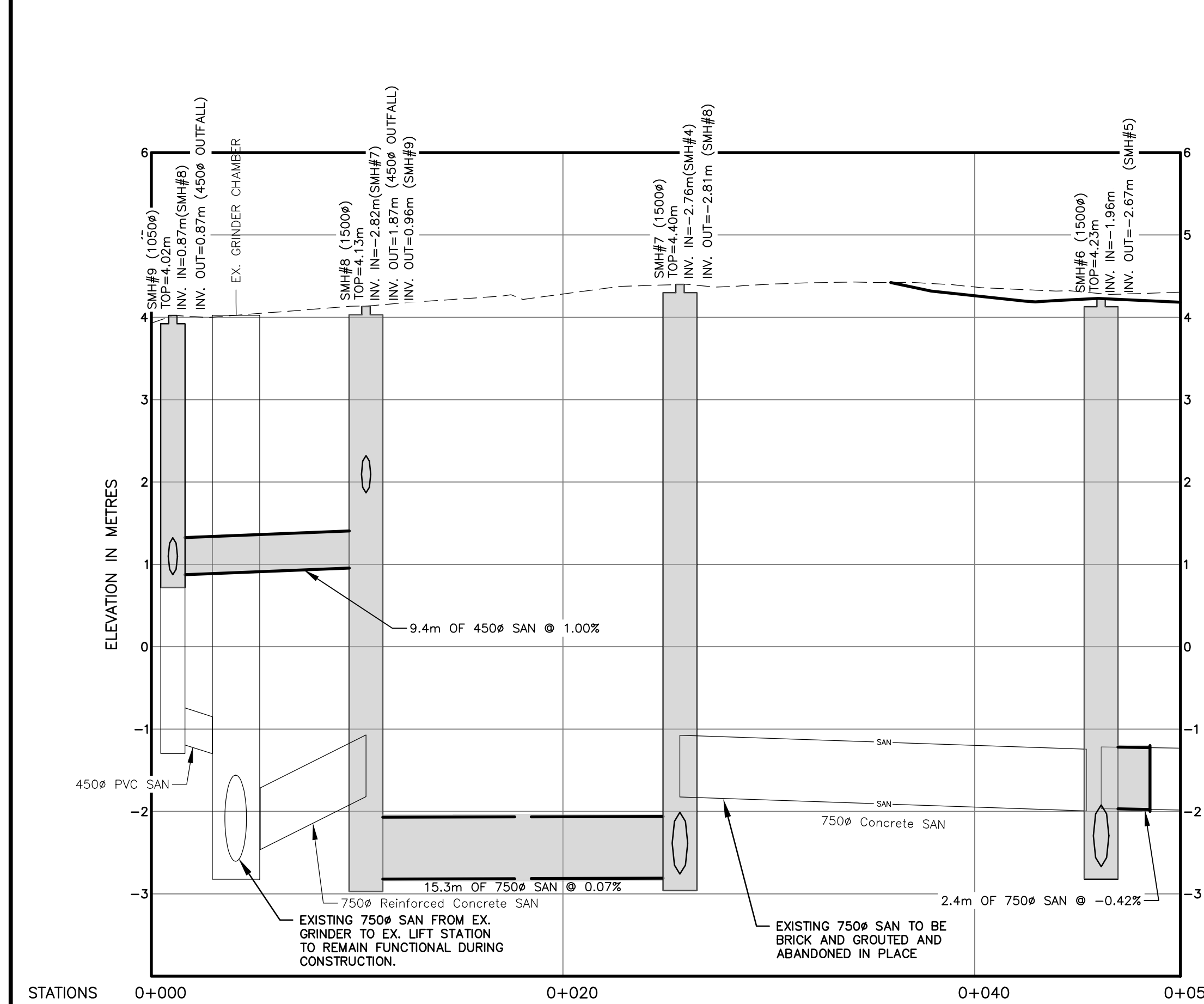
DRAWING TITLE
**C04
NEW SANITARY SEWER
PIPING PLAN AND PROFILE**

	CONTRACT NO. 2022-19
	SCALE 1:200 H 1:50 V
	DRAWN BY WMB/TAC
	DATE NOV. 22, 2021
CHECKED BY BM/Tmc	

PROJECT ENGINEER

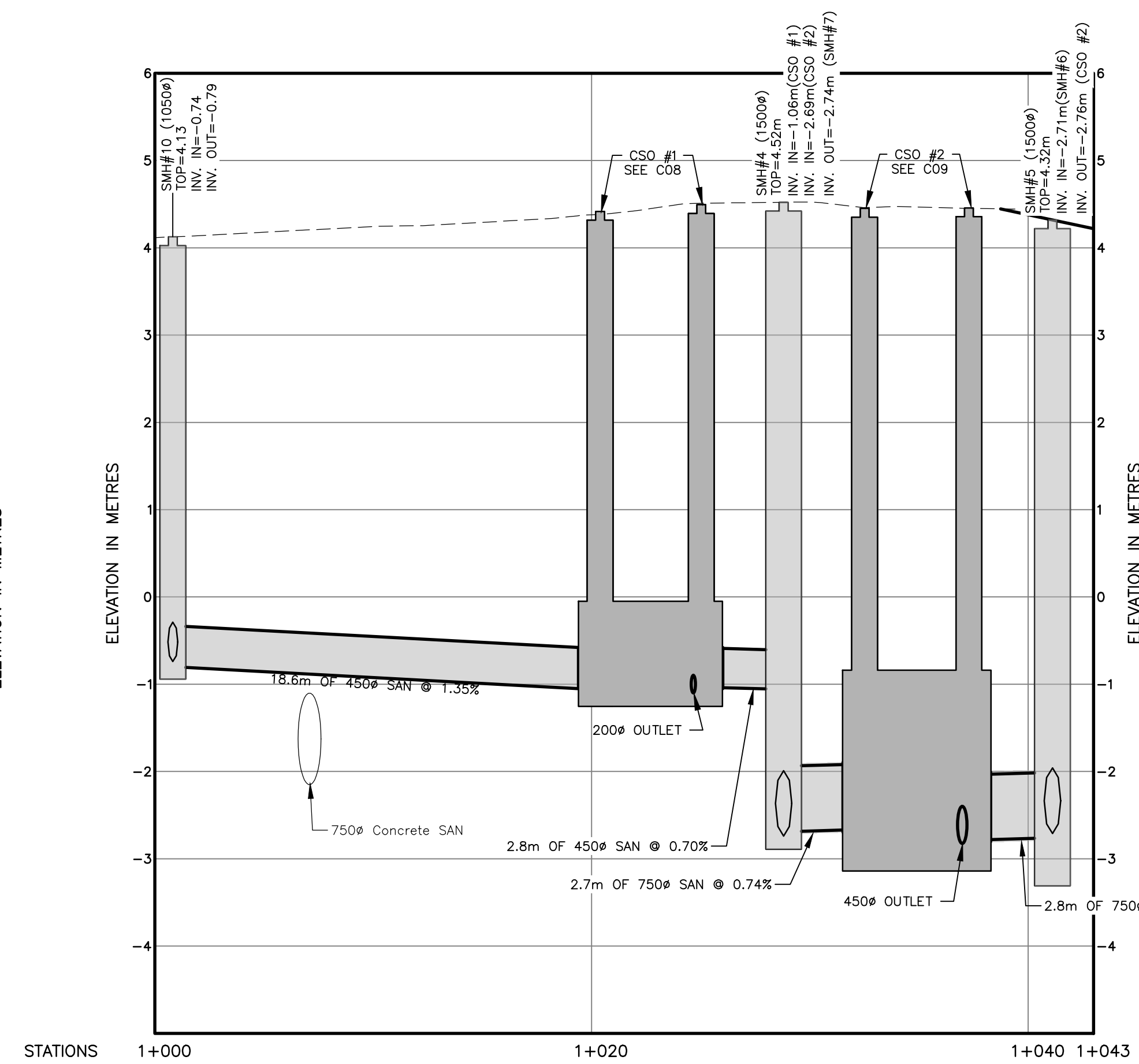
CHIEF CITY ENGINEER
SIGNATURES BY THE PROJECT ENGINEER AND CHIEF CITY ENGINEER ONLY INDICATE THAT THIS IS THE FINAL SET OF DRAWINGS SUBMITTED BY THE CONSULTANT FOR THIS TENDER.

SHEET OF	4 32	FILE NO.	0046-003
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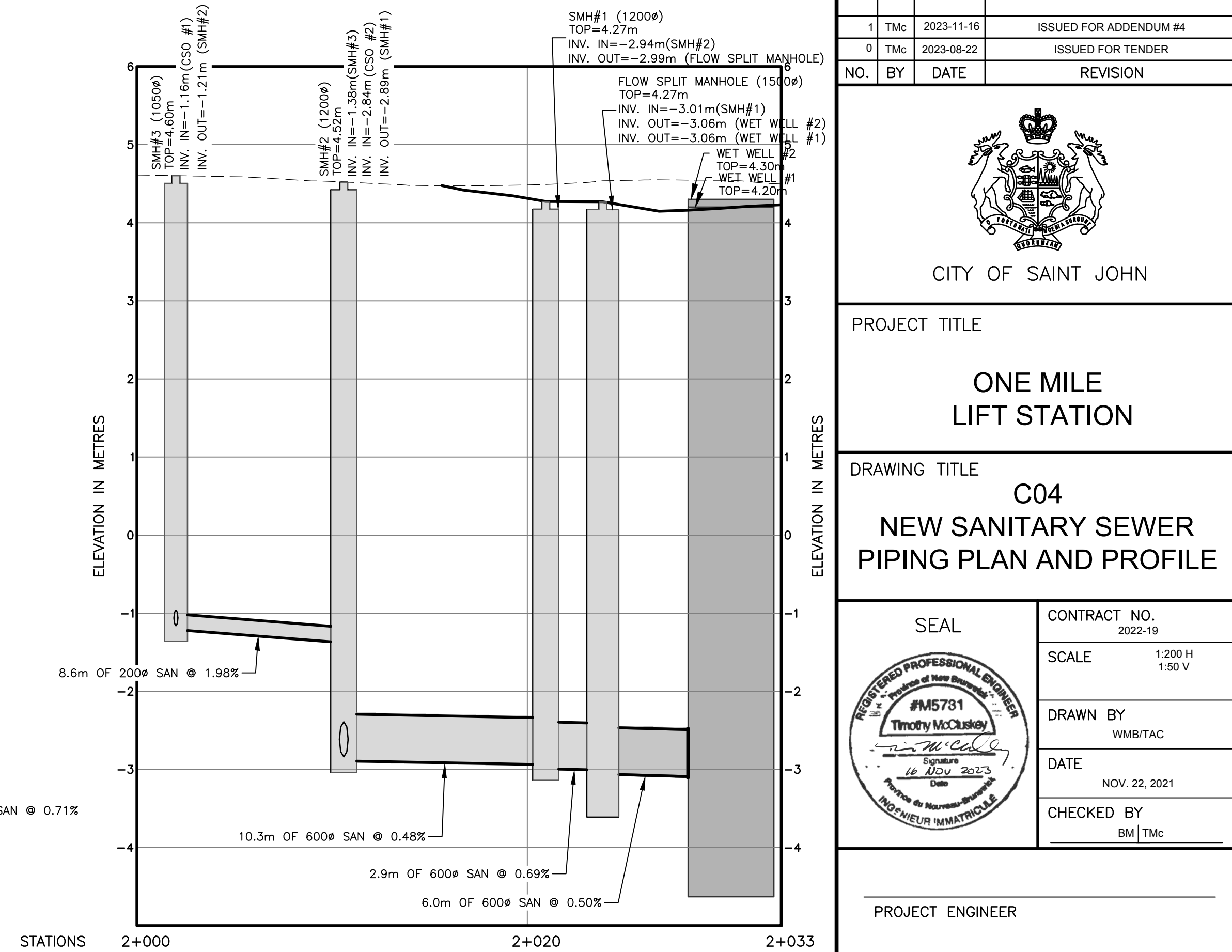
STATIONS	0+000	0+020	0+040	0+050
GRADE ELEVATION	3.93	4.28	4.37 4.26	4.31 4.18

SECTION A-A
1:200H 1:50V



STATIONS	1+000	1+020	1+040	1+043
GRADE ELEVATION	4.12	4.35	4.44 4.38	4.41 4.32

SECTION B-B
1:200H 1:50V

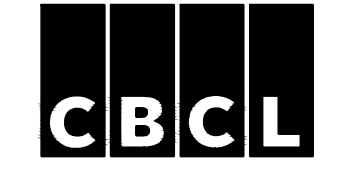


STATIONS	2+000	2+020	2+033
GRADE ELEVATION	4.61	4.35 4.31	4.50 4.33

SECTION C-C
1:200H 1:50V



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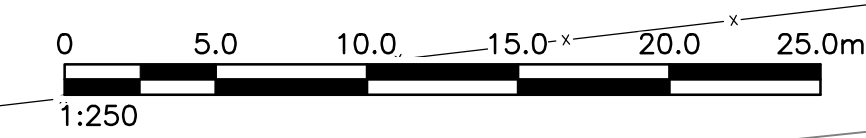


PROJECT No. 202952.00

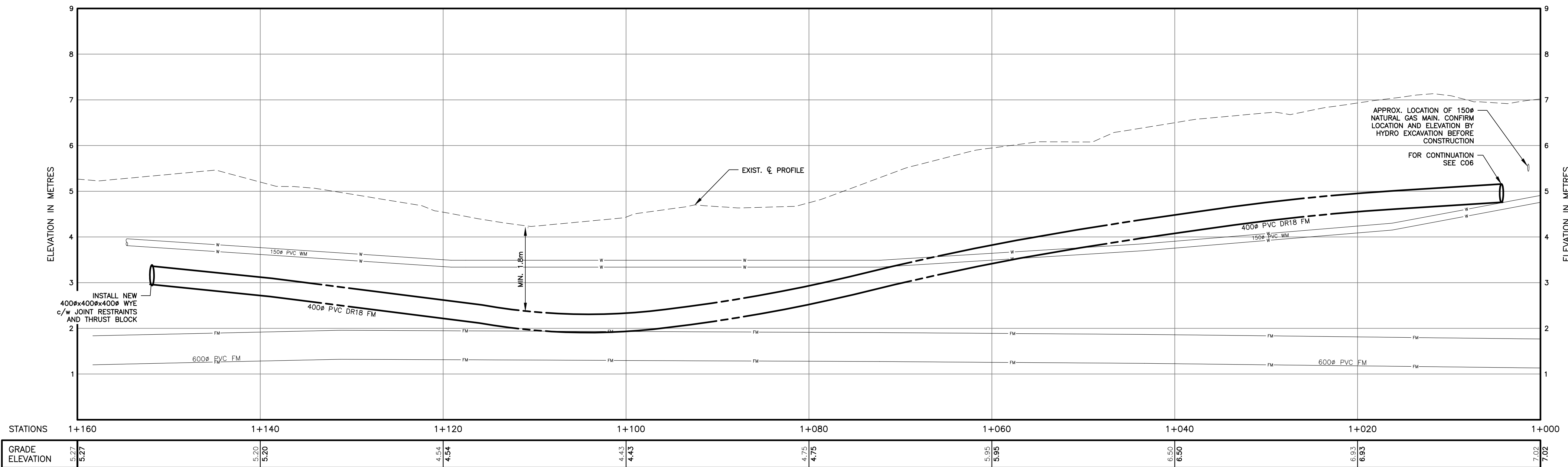
LEGEND

PROPOSED	EXISTING

SITE PLAN—EGBERT STREET



EGBERT STREET



PROFILE
[H] 1:250, [V] 1:50

1	Tmc	2023-11-16	ISSUED FOR ADDENDUM #4
0	Tmc	2023-08-22	ISSUED FOR TENDER
NO.	BY	DATE	REVISION



CITY OF SAINT JOHN

PROJECT TITLE
ONE MILE LIFT STATION

DRAWING TITLE **C07**
EGBERT STREET
PLAN & PROFILE
STA. 1+000 to 1+160

SEAL	CONTRACT NO. 2022-19
	SCALE HORIZ. = 1 : 250 VERT. = 1 : 50
	DRAWN BY CBCL STAFF
	DATE FEB 2022
	CHECKED BY BM Tmc

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SHEET 7 OF 32 FILE 0046-003