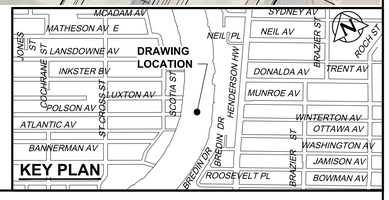
CONSTRUCTION NOTES:

1. RESTORE BOULEVARDS, SIDEWALKS, ROADWAYS AND LANDSCAPING UPON COMPLETION OF THE WORK.
2. ALL WORK SHALL BE COMPLETED FROM WITHIN CITY PROPERTY.
3. THE CONTRACTOR SHALL MAKE ALL EFFORTS TO PROTECT EXISTING LANDSCAPING.
4. DEWATERING OF THE 300 MM SIPHON (TO BE LINED) IS PERMITTED TO FACILITATE THE WORK.
5. CIPP INSTALLATION REQUIREMENTS:
   - 5.1. WATER INVERSION AND HOT WATER CURE INSTALLATION METHODS ONLY.
   - 5.2. CONTINUOUS LENGTH TEMPERATURE MONITORING SYSTEM SHALL BE UTILIZED DURING LINER CURING.
6. LINER END SEALS SHALL BE INSTALLED AT ALL TERMINATIONS.
7. REMOVE AND DISPOSE OF EXISTING GRATINGS, LADDER CAGES, VALVES AND APPURTENANCES FOR 300 AND 450 MM SIPHONS.
8. PRESSURE TEST REQUIRED AFTER INSTALLATION.
9. BOTH PLATE AND CONFINED PIPE SAMPLES SHALL BE COLLECTED.

CONSTRUCTION SEQUENCING:

1. DEVELOP SITE, CHAMBER, AND PIPELINE ACCESS.
2. INSTALL FLOW CONTROL MEASURES AS REQUIRED TO FACILITATE THE WORK.
3. REMOVE VALVES AND APPURTENANCES.
4. COMPLETE REHABILITATION WORKS ON THE ISOLATED SIPHON.
5. INSTALL END SEALS.
6. OBTAIN POST-LINING INSPECTION ON ISOLATED SIPHON AND SUBMIT FOR REVIEW BY CONTRACT ADMINISTRATOR.
7. COMPLETE PRESSURE TEST ON THE ISOLATED SIPHON.
8. REINSTATE FLOWS UPON ACCEPTANCE OF POST-LINING INSPECTION AND SUCCESSFUL PRESSURE TEST.
9. RESTORE SITE

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 2022/06/07



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 10.0 20.0 30.0 40.0 50.0

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.

2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE DATE

NOTE:

LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M.
ELEV.

CONSTRUCTION COMPLETION DATE: YYYY MM DD

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	22/06/07	ADL

AECOM

DESIGNED BY	TGB	CHECKED BY	MPG
DRAWN BY	ADL	APPROVED BY	CCM
SCALE: HORIZONTAL	1:500	RELEASED FOR CONSTRUCTION	K Zurek
VERTICAL	N/A		
DATE	2022 06 06	DATE	Jun 6/22

PLOT DATE: 2022 06 06

ENGINEER'S SEAL

ORIGINAL SIGNED BY C. Macey 06/07/22

CONSULTANT DRAWING NUMBER
C-1001

Tender No: 444-2022

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING SERVICES DIVISION

REHABILITATION OF MUNROE AVENUE SIPHON BY CIPP LINING

GENERAL PLAN
CONSTRUCTION STAGING

SHEET 3 OF 7

CITY DRAWING NUMBER
1-0165S-D0003-001

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