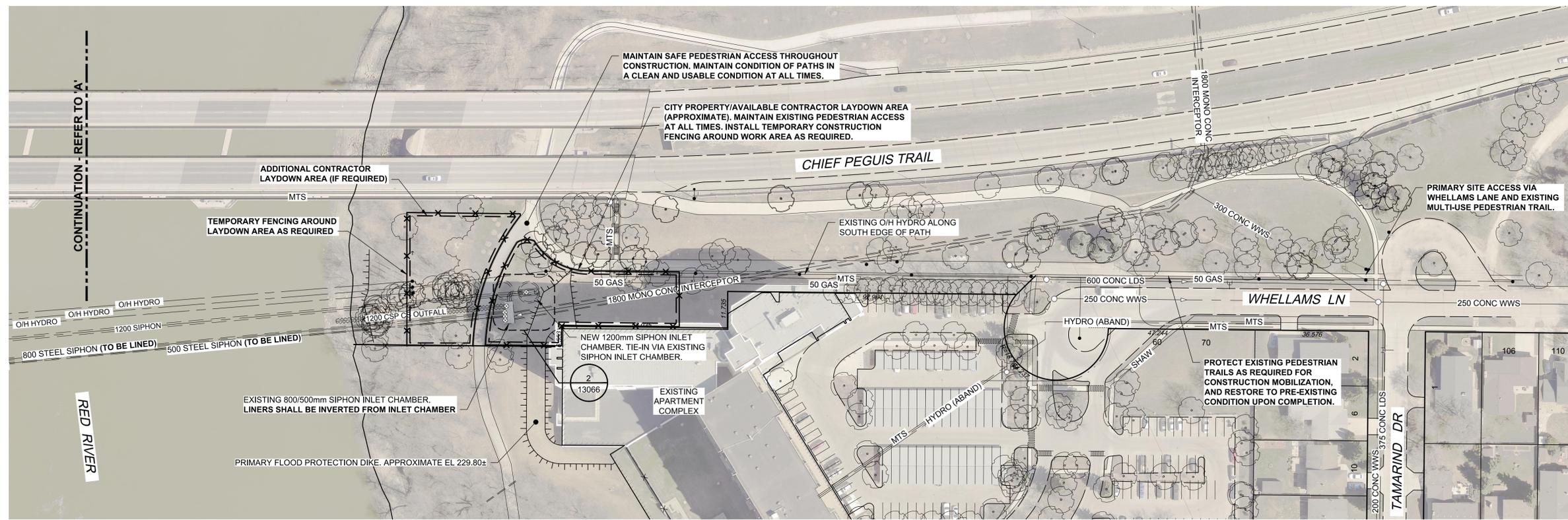


CONSTRUCTION NOTES:

- RESTORE BOULEVARDS, SIDEWALKS, ROADWAYS AND LANDSCAPING UPON COMPLETION OF THE WORK.
- THE CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING ALONG THE LIMITS OF THE WORK AREAS AND STAGING AREAS. ALL WORK SHALL BE COMPLETED FROM WITHIN CITY PROPERTY.
- THE CONTRACTOR SHALL MAKE ALL EFFORTS TO PROTECT EXISTING LANDSCAPING AND MULTI-USE PEDESTRIAN PATHS.
- BOTH SIPHONS SHALL NOT BE DEWATERED DURING ANY PART OF THE WORK.
- CIPP INSTALLATION REQUIREMENTS:
 - WATER INVERSION AND HOT WATER CURE INSTALLATION METHODS ONLY.
 - CONTINUOUS LENGTH TEMPERATURE MONITORING SYSTEM SHALL BE UTILIZED DURING LINER CURING.
- LINER INVERSION SHALL BE COMPLETED FROM UPSTREAM TO DOWNSTREAM.
- LINER END SEALS SHALL BE INSTALLED AT ALL TERMINATIONS.
- REMOVE AND DISPOSE OF EXISTING GRATINGS, LADDER CAGES, VALVES AND APPURTENANCES FOR 500 AND 800 MM SIPHONS.
- PRESSURE TEST REQUIRED FOR EACH LINER AFTER INSTALLATION.
- PLATE SAMPLES SHALL BE COLLECTED FOR BOTH LINERS.

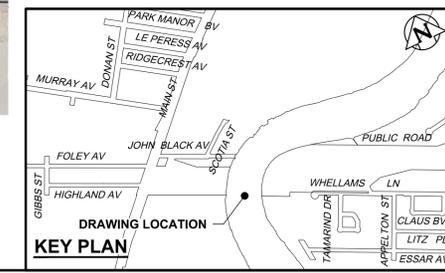
CONSTRUCTION SEQUENCING:

- DEVELOP SITE, CHAMBER, AND PIPELINE ACCESS.
- INSTALL FLOW CONTROL MEASURES AS REQUIRED TO FACILITATE THE WORK.
- REMOVE VALVES AND APPURTENANCES.
- COMPLETE REHABILITATION WORKS ON THE ISOLATED SIPHON.
- INSTALL END SEALS.
- OBTAIN POST-LINING INSPECTION ON ISOLATED SIPHON AND SUBMIT FOR REVIEW BY CONTRACT ADMINISTRATOR.
- COMPLETE PRESSURE TEST ON THE ISOLATED SIPHON.
- UPON ACCEPTANCE OF POST-LINING INSPECTION AND SUCCESSFUL PRESSURE TEST:
 - REINSTATE FLOWS AND ISOLATE SECOND SIPHON.
 - REPEAT PROCEDURE FOR SECOND SIPHON.
- UPON ACCEPTANCE OF BOTH POST-LINING INSPECTIONS:
 - REMOVE ALL FLOW CONTROL MEASURES.
 - REINSTATE ALL FLOWS.
- RESTORE SITE

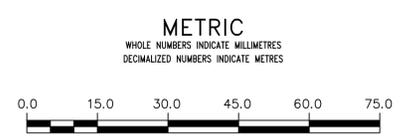


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ENGINEERS GEOSCIENTISTS MANITOBA
 Certificate of Authorization
 AECOM Canada Ltd.
 No. 4671 Date: 2022/06/20



WARNING

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

- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- 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	
0	ISSUED FOR TENDER	22/06/15	ADL
NO.	REVISIONS	DATE	BY

AECOM

DESIGNED BY	TJB	CHECKED BY	MPG
DRAWN BY	ADL	APPROVED BY	CCM
SCALE:	HORIZONTAL 1:750 VERTICAL N/A		
DATE	2022 06 20	RELEASED FOR CONSTRUCTION	K Zurek
PLOT DATE:	2022 06 20	DATE	Jun 20/22

ENGINEER'S SEAL

ORIGINAL SIGNED BY C. Macey 16 June 2022

CONSULTANT DRAWING NUMBER C-1001

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 ENGINEERING SERVICES DIVISION

REHABILITATION OF WHELLAMS LANE
 SIPHONS BY CIPP LINING
 GENERAL PLAN
 CONSTRUCTION STAGING

SHEET 3 OF 8
 CITY DRAWING NUMBER 13065