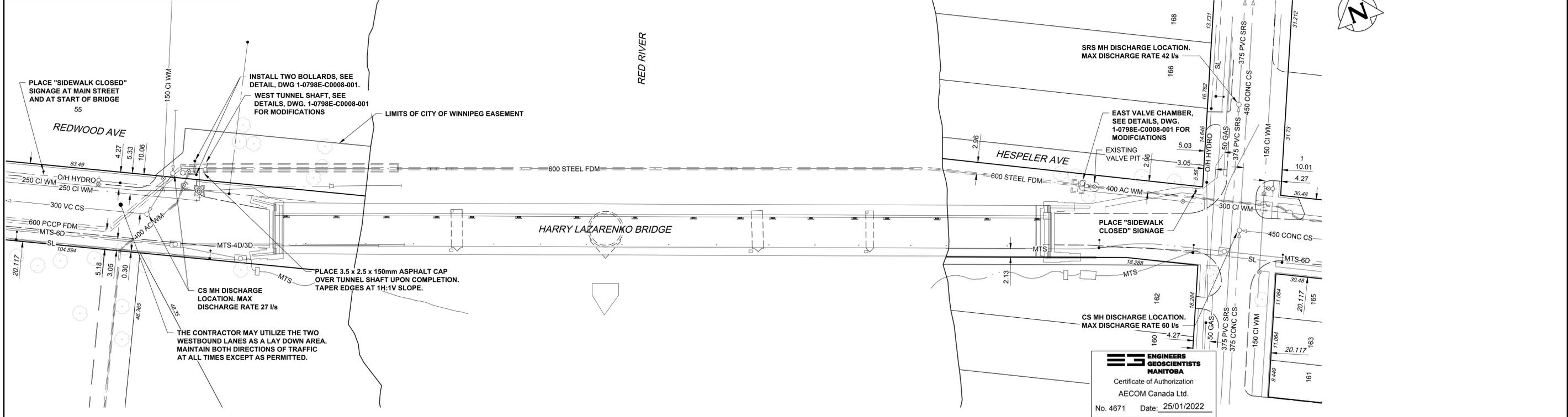


- CONSTRUCTION NOTES:**
- OPERATION OF EXISTING WATER MAIN VALVES BY CITY STAFF ONLY.
 - FLUSHING AND OTHER WATER COLLECTED DURING THE COURSE OF THE WORK MAY BE DISCHARGED INTO THE MANHOLES SHOWN ON THE DRAWINGS AT THE MAXIMUM FLOW RATED IDENTIFIED, TO AN LIDS SEWER (WITH DECHLORINATION), OR TO THE RIVER (WITH DECHLORINATION AND ASSOCIATED PROVISIONS) IN ACCORDANCE WITH THE SPECIFICATIONS.
 - THE FEEDER MAIN MAY BE DEWATERED TO FACILITATE CONSTRUCTION.
 - CONTRACTOR SHALL ADDRESS ASSESS ACTIVE INFILTRATION INTO THE EXISTING FEEDER MAIN PRIOR TO PIPE DISASSEMBLY, AND BE PREPARED TO PUMP INFILTRATION. SEE SPECIFICATIONS.
 - THE CONTRACTOR SHALL INSTALL A NSF 61 LINER.
 - FFRP LINER TERMINATIONS SHALL BE COMPLETED IN ACCORDANCE WITH THE SPECIFICATIONS AND RECONNECT TO THE EXISTING PIPING IN A MANNER CONSISTENT WITH THE EXISTING PIPING CONFIGURATION. THE CONTRACTOR IS RESPONSIBLE FOR DEVELOPING A FFRP LINER TERMINATION CONFIGURATION WHICH IS COMPATIBLE WITH THE EXISTING PIPING CONFIGURATION AND MEETS THE SPECIFICATIONS.
 - THE CONTRACTOR SHALL COMPLETE THE FOLLOWING POST INSTALLATION:
 - LEAKAGE TEST. LEAKAGE TEST SHALL INCLUDE THE VERTICAL DROP PIPE WITHIN THE WEST TUNNEL SHAFT AS SHOWN. COMPLETION OF A PRELIMINARY LEAKAGE TEST OF THE LINER AND TERMINATIONS PRIOR TO ASSEMBLY OF THE ADJACENT CHAMBER PIPING IS RECOMMENDED.
 - DISINFECTION AND HEALTH TESTING AFTER ASSEMBLY OF ADJACENT CHAMBER PIPING AS SHOWN AND AS SPECIFIED.
 - RESTORE BOULEVARDS, SIDEWALKS, AND ROADWAYS UPON COMPLETION OF THE WORK. THE CONTRACTOR MAY UTILIZE THE TWO WESTBOUND LANES ON REDWOOD AVE WEST OF THE HARRY LAZARENKO BRIDGE AS A LAY DOWN AREA. BOTH EASTBOUND AND WESTBOUND TRAFFIC MUST BE MAINTAINED AT ALL TIMES EXCEPT AS PERMITTED.
 - THE CONTRACTOR MAY REQUEST A SINGLE 48 HOUR ROAD CLOSURE OF REDWOOD AVE AND HESPELER AVE TO FACILITATE LINER INSTALLATION.

CHAINAGES SHOWN ARE ALONG CL OF PIPE



**ENGINEERS
GEOSCIENTISTS
MANITOBA**
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 25/01/2022

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

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

**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 CONSTRUCTION	22/01/25	ADL
NO.	REVISIONS	DATE	BY

AECOM

DESIGNED BY: MGM
CHECKED BY: N Kehler
DRAWN BY: ADL
APPROVED BY: KWF
SCALE: HORIZONTAL 1:500, VERTICAL 1:100
RELEASED FOR CONSTRUCTION: K Zurek
DATE: 2022 01 25
DATE: Jan 25/22

ENGINEER'S SEAL

ORIGINAL SIGNED BY J. Thompson
25/01/2022

CONSULTANT DRAWING NUMBER: C-1001

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

KILDONAN - REDWOOD FEEDERMAIN
CROSSING REHABILITATION
PLAN / PROFILE
RED RIVER N OF HARRY LAZARENKO BRIDGE
REDWOOD AVENUE TO HESPELER AVENUE

SHEET 03 OF 04
CITY DRAWING NUMBER
1-0798E-C0007-001