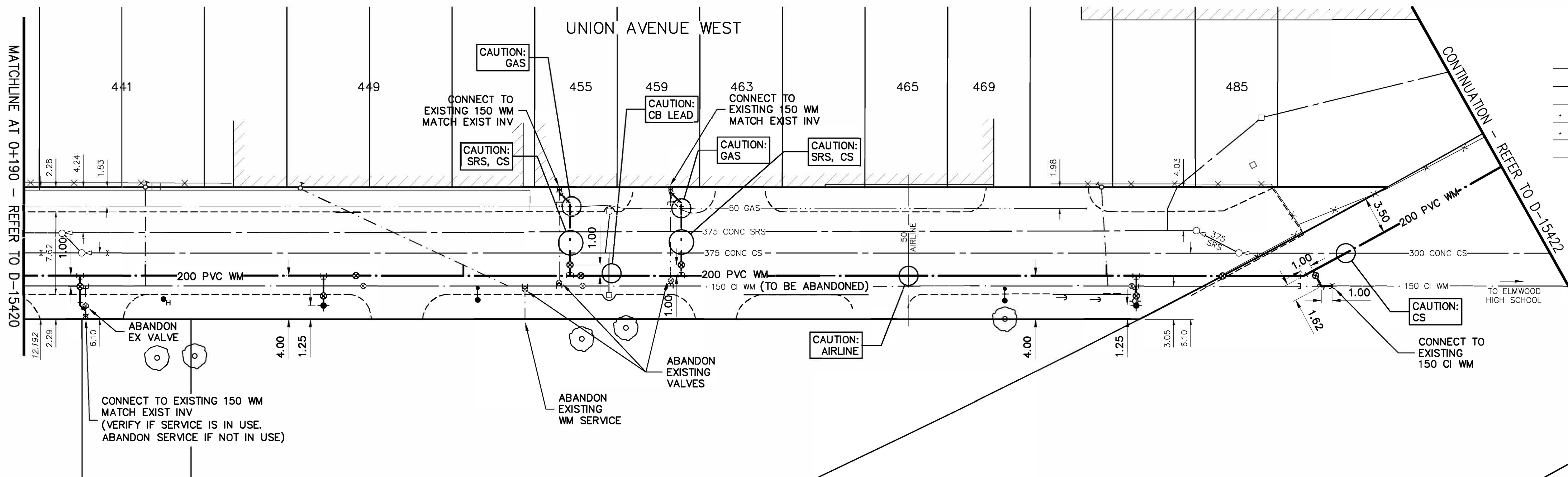
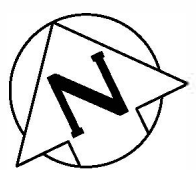


NOTE: CHAINAGES SHOWN ARE ALONG S. R. OF UNION AVENUE

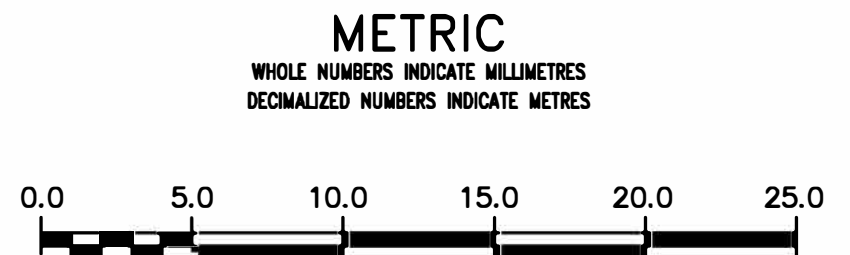


WATER SERVICE INFORMATION					
ADDRESS	SIZE (mm) MATERIAL (STREET)	SIZE (mm) MATERIAL (PROP.)	SHORT & LONG MEASUREMENT	CORP. LOCATION	REMARKS
441 UNION AV W	20 mm CU	12 mm LEAD	2.3 m E W BL	OPP CS	RECONNECT OCT 14/03 REQ BLOW OUT / AS
449 UNION AV W	20 mm CU	20 mm CU	5.8 m E W BL	58.2 m W WL CPR	RECONNECT LOT 46.47, 48.49
455 UNION AV W	150 mm		115.7 m E EL WATT		RENEW
459 UNION AV W	150 mm		52.2 m W WL CPR		RENEW
485 UNION AV W	38 mm CU	38 mm CU	43.1 m W WL CPR		RENEW
			10 m E W BL 465 Union	0.4 m W SC	RECONNECT
			52.3 m E W LL		

\* SERVICES TO BE RENEWED TO R. ALL OTHERS TO BE RECONNECTED

NOTE: LOCATION OF WATER SERVICES SHOWN ON DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD LOCATE ALL WATER SERVICES PRIOR TO CONSTRUCTION.

ALL VALVES TO BE COUNTER-CLOCKWISE TO CLOSE (RED OPERATING NUT)



**ENGINEERS GEOSCIENTISTS MANITOBA**  
 Certificate of Authorization  
 AECOM Canada Ltd.  
 No. 4671 Date: 3/29/2019

REFER TO DRAWING D-15408 FOR CONSTRUCTION NOTES

**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. 27-030 ELEV. 230.897m	859637 - S.W. Cor. Roch St. and Harbison Ave., Tbt. on top of 0.02m dia. x 2.4m iron pipe, 2.1m E. of WL of Roch St. & on S.L. of Harbison Ave.
DESIGNED BY	JP
CHECKED BY	GSK
DRAWN BY	JP
APPROVED BY	
RELEASED FOR CONSTRUCTION	
DATE	2019/03/15
DATE	2019/03/15
DATE	2019/03/15

**AECOM**

SCALE: HORIZONTAL 1:250 VERTICAL 1:50

DATE 2019/03/15

ENGINEER'S SEAL  
  
 CONSULTANT DRAWING NUMBER  
 C-0013

**THE CITY OF WINNIPEG**  
 WATER AND WASTE DEPARTMENT  
 ENGINEERING DIVISION

2019 WATER MAIN RENEWALS  
 CONTRACT 7

UNION AVENUE W  
 90m E OF WATT STREET TO  
 RIGHT OF WAY

SHEET 15 OF 19  
 CITY DRAWING NUMBER  
 D-15421