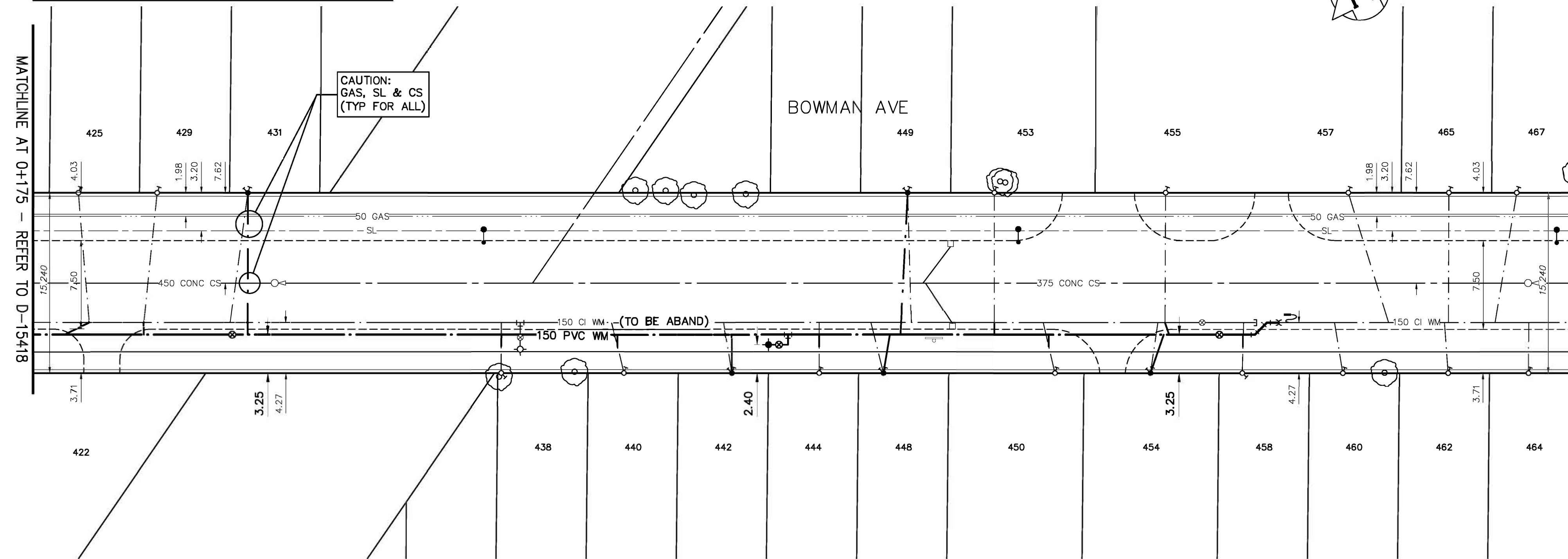


NOTE: CHAINAGES SHOWN ARE ALONG S. R. OF BOWMAN AVE



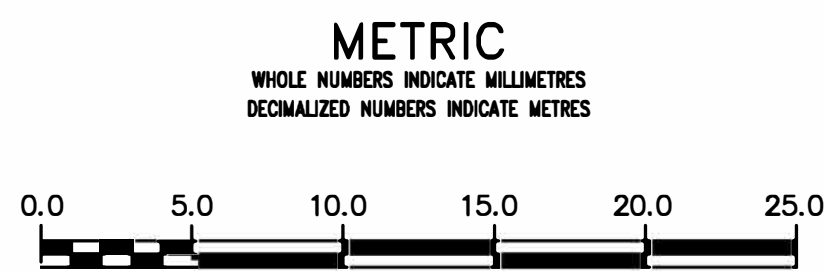
WATER SERVICE INFORMATION

ADDRESS	SIZE (mm) MATERIAL (STREET)	SIZE (mm) MATERIAL (PROP.)	SHORT & LONG MEASUREMENT	CORP. LOCATION	REMARKS
425 BOWMAN AV	20 mm CU	12 mm LEAD	1.8 m E W BL	0.9 m E OF SC	RECONNECT
429 BOWMAN AV	20 mm CU	20 mm CU	1.5 m E W LL	1.2 m W SC	RECONNECT
431 BOWMAN AV	12 mm LEAD	12 mm LEAD	1.5 m E W BL	24.5 m W HYDT	RENEW
438 BOWMAN AV	12 mm CU	12 mm CU	0.5 m W W BL 488 BOWMAN	OPP CS	RECONNECT
440 BOWMAN AV	20 mm CU	20 mm CU	2.4 m E W BL	7.7 m E OF HYDT	RECONNECT
442 BOWMAN AV	12 mm LEAD	12 mm LEAD	3 m W E BL	17.2 m E OF HYDT	RENEW
444 BOWMAN AV	20 mm CU	20 mm CU	4 m E W BL	4.4 m E W LL	RECONNECT
448 BOWMAN AV	12 mm LEAD	12 mm LEAD	2 m E W BL	26.6 m E OF HYDT	RENEW
449 BOWMAN AV	12 mm LEAD	12 mm LEAD	3.7 m W E BL	33 m E OF HYDT	RENEW
450 BOWMAN AV	12 mm CU	12 mm CU	2.4 m W E BL	44.2 m E OF HYDT	RECONNECT
453 BOWMAN AV	20 mm CU	20 mm CU	5.5 m W E BL	OPP CS	RECONNECT
454 BOWMAN AV	12 mm LEAD	12 mm LEAD	5.3 m E W BL	41.1 m FR E HYDT	RENEW
455 BOWMAN AV	20 mm CU	20 mm CU	5.9 m E W BL	40.5 m FR E HYDT	RECONNECT
457 BOWMAN AV	20 mm CU	20 mm CU	3.4 m W E BL	21.6 m W HYDT	N.L.C.
458 BOWMAN AV	20 mm CU	20 mm CU	1.3 m E W BL	W HYDT	RECONNECT
460 BOWMAN AV	12 mm LEAD	12 mm LEAD	2 m E W BL	26.2 m FR E HYDT	N.L.C.

* 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., Tilt on top of 0.05m dia. x 2.4m iron pipe, 2.1m E. of W.L. of Roch St. & on S.L. of Harbison Ave.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	19/03/29	GSK
A	ISSUED FOR REVIEW	19/03/15	GSK

AECOM

DESIGNED BY JP CHECKED BY GSK
 DRAWN BY JP APPROVED BY
 SCALE: HORIZONTAL 1:250 VERTICAL 1:50
 DATE 2019/03/15
 PLOT DATE: 2019 03 29

ENGINEER'S SEAL

 CONSULTANT DRAWING NUMBER C-0011

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 ENGINEERING DIVISION
 2019 WATER MAIN RENEWALS CONTRACT 7
 BOWMAN AVENUE
 75m E OF ROCH STREET TO 180m E OF ROCH STREET
 SHEET 13 OF 19
 CITY DRAWING NUMBER D-15419