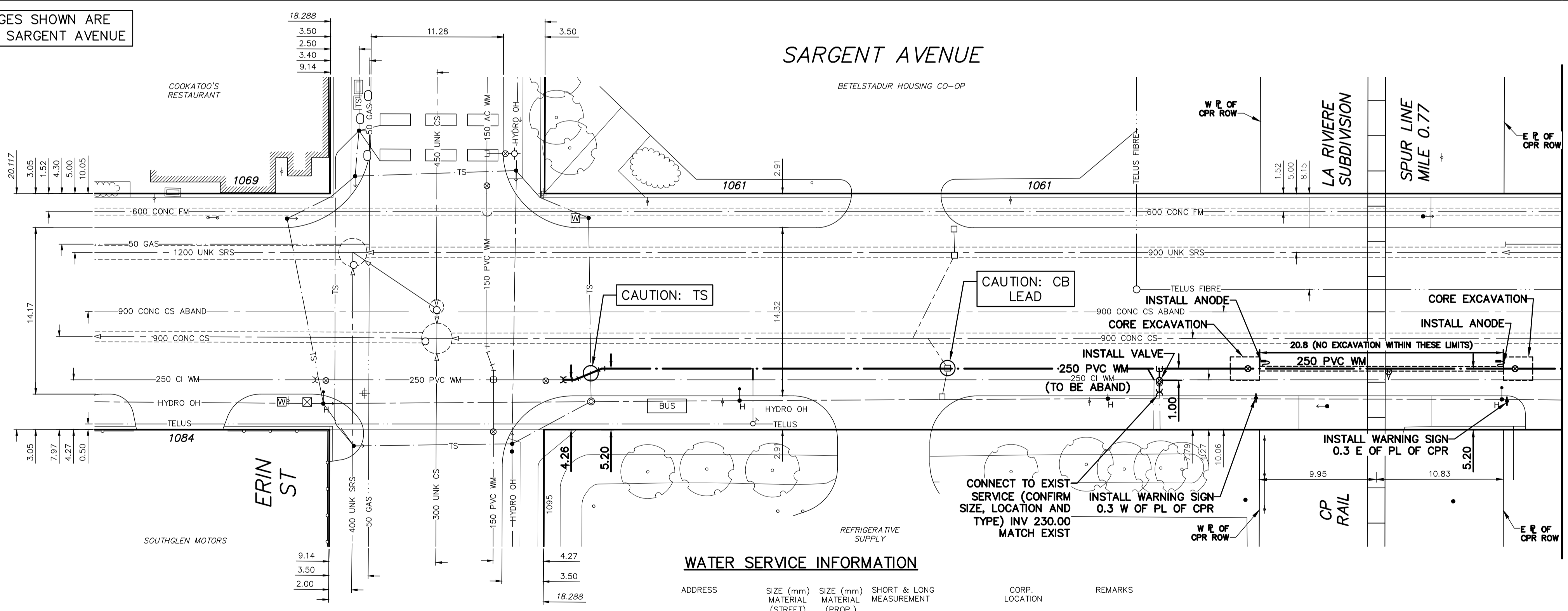


NOTE: CHAINAGES SHOWN ARE ALONG S P OF SARGENT AVENUE



ADDRESS	SIZE (mm) MATERIAL	SIZE (mm) MATERIAL (PROP.)	SHORT & LONG MEASUREMENT	CORP. LOCATION	REMARKS
1081 SARGENT AV	-	-	-	-	SERVICED OFF ERIN ST OUTSIDE RENEWAL LIMITS
1095 ERIN ST	25	25	-	-	RECONNECT SERVICE
1095 ERIN ST	CU	CU	-	-	DOMESTIC SERVICE
1095 ERIN ST	-	-	-	-	RECONNECT SERVICE
1095 ERIN ST	-	-	-	-	FIRE SERVICE

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

- CONSTRUCTION NOTES**
1. EXPOSE EXISTING WATER MAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
  2. LOCATION OF ALL SERVICES TO BE CONFIRMED IN THE FIELD.
  3. INSTALL WATER MAIN BY TRENCHLESS METHODS.
  4. TRENCHES AND EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS ARE CLASS 3 BACKFILL.
  5. ALL MATERIALS TO CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
  6. MINIMUM COVER TO TOP OF WATER MAIN SHALL BE 2.4 m.
  7. REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATER MAIN TO P.
  8. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.
  9. A GEOTECHNICAL ENGINEER HAS REVIEWED THE PROPOSED INSTALLATION WORK AND HAS PROVIDED CONSTRUCTION RECOMMENDATIONS THAT THE CONTRACTOR SHALL IMPLEMENT AS PER THE GEOTECHNICAL REPORT. THE GEOTECHNICAL ENGINEER WILL BE ONSITE DURING THE INSTALLATION.
  10. THE INSTALLATION AND MAINTENANCE TO BE IN ACCORDANCE WITH TC E10, AND THE LATEST EDITION OF THE APPLICABLE CSA STANDARD Z-662.

**CONSTRUCTION MONITORING PLAN**  
TO BE PROVIDED ONCE ACCEPTED BY CP RAIL

- RAILWAY NOTES**
1. RAILWAY CROSSING WILL BE CONSTRUCTED, MAINTAINED AND OPERATED IN ACCORDANCE TO TRANSPORT CANADA E-10 (STANDARDS RESPECTING PIPELINE CROSSINGS UNDER RAILWAYS).
  2. EXCAVATIONS SHALL NOT BE CLOSER TO THE RAIL TRACKS THAN NOTED ON THE DRAWING. DISTANCES MEET CP GUIDELINES.
  3. NO RAILWAY CROSSING CONSTRUCTION SHALL BE PERMITTED UNTIL THE CONTRACTOR IS IN RECEIPT OF APPROVAL FROM CP.

FOR INDEX SEE D-15619

NOTE: ALL VALVES TO BE INSTALLED COUNTERCLOCKWISE TO CLOSE

**ENGINEERS GEOSCIENTISTS MANITOBA**  
Certificate of Authorization  
MORRISON HERSHFIELD  
No. 1736

**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

HORIZONTAL  
0.0 5.0 10.0 15.0 20.0 25.0

VERTICAL  
0.0 1.0 2.0 3.0 4.0 5.0

**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**  
SUPP. 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.	36-061 233.359 m	N.W. Cor. Sargent Ave. & Garfield St. N., Tblt. in S. Conc. foundation of Sargent Ave. Mennonite Church, 0.5 m W. & 1.7 m below brick of S.E. Cor. of Bldg.
NO.	REVISIONS	DATE BY

<b>MORRISON HERSHFIELD</b>	
DESIGNED BY: JKH	CHECKED BY: HAK
DRAWN BY: DML	APPROVED BY: HAK
SCALE: HORIZONTAL 1:250 VERTICAL 1:50	RELEASED FOR CONSTRUCTION: KAS ZUREK
DATE: 2019 12 20	DATE: 2020 01 29

ENGINEER'S SEAL  
ORIGINAL SIGNED BY H.A. KATZ  
2020 01 29  
CONSULTANT DRAWING NUMBER

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

2020 WATER MAIN RENEWAL - CONTRACT 7  
SARGENT AVENUE - ERIN ST TO LIPTON ST  
**SARGENT AVENUE**  
ERIN STREET TO  
56 W OF WALL STREET

SHEET 19 OF 26  
CITY DRAWING NUMBER  
**D-15620**