

**FEEDER MAIN NOTE**

INSTALLATION EQUIPMENT FOR THE PROPOSED WORKS SHALL NOT CROSS OR TRAVEL ALONG EITHER SIDE OF THE FEEDER MAIN WITHIN A LATERAL DISTANCE OF 5.0 METERS FROM THE CENTRELINE OF THE FEEDER MAIN.

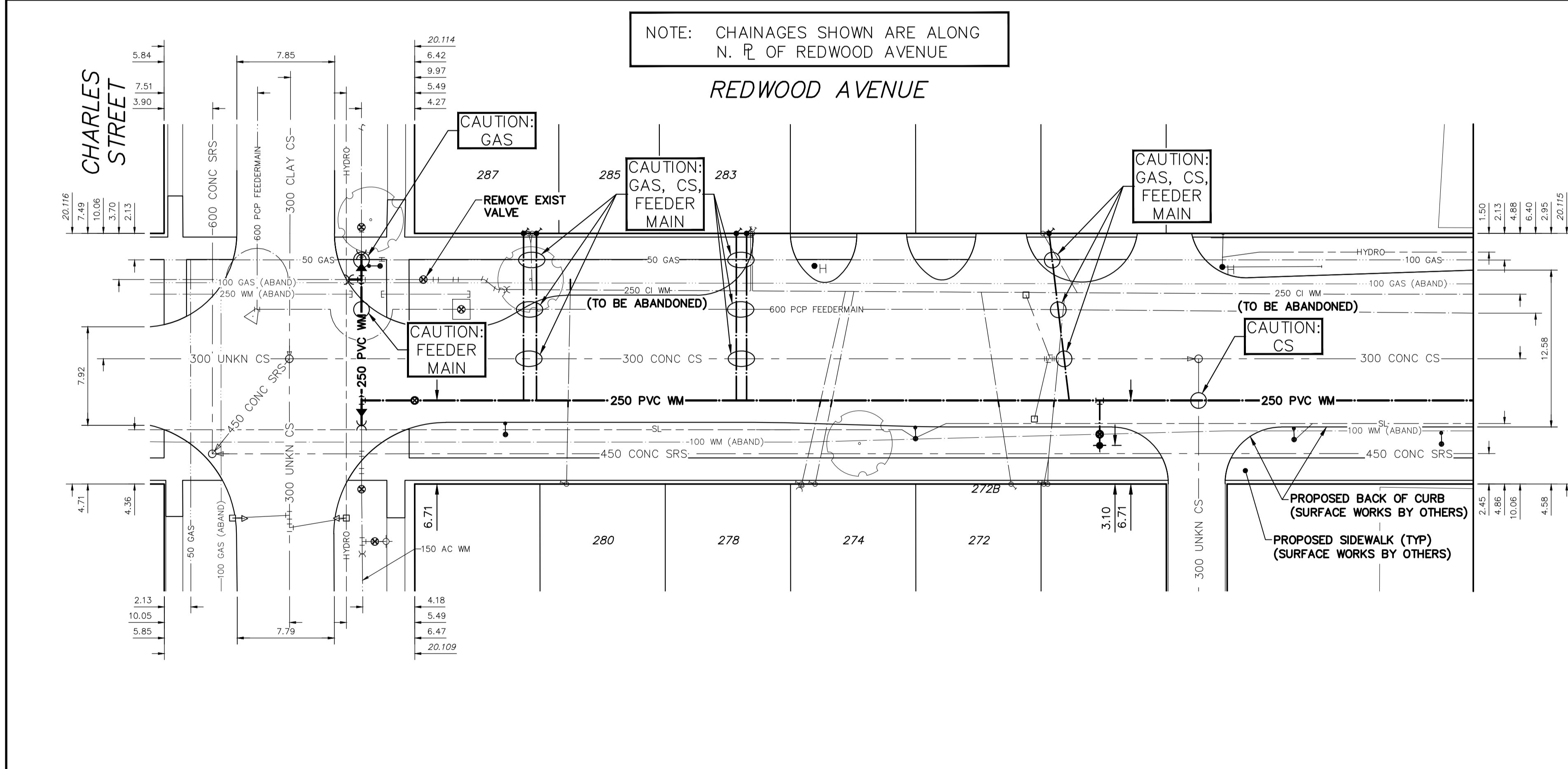
CONCRETE DEMOLITION AND REMOVAL WITHIN 3.0 METERS HORIZONTALLY OF THE FEEDER MAIN SHALL BE COMPLETED BY SAWCUTTING AND REMOVAL OR BY THE USE OF HANDHELD JACKHAMMERS. USE OF CONCRETE BREAKERS ABOVE THE FEEDER MAIN SHALL NOT BE PERMITTED.

DO NOT OPERATE VIBRATORY EQUIPMENT OVER OR WITHIN 3.0 METERS OF THE FEEDER MAIN.

A MINIMUM CLEARANCE OF 1.0 METERS MUST BE PROVIDED BETWEEN THE UNDERSIDE OF ANY EXISTING FEEDER MAIN AND THE TOP OF THE PROPOSED WORKS. THE INSTALLATION SHALL BE BY TRENCHLESS METHOD ONLY.

A MINIMUM CLEARANCE OF 0.5 METERS MUST BE PROVIDED BETWEEN THE UNDERSIDE OF THE PROPOSED WORKS AND THE TOP OF ANY EXISTING FEEDER MAIN BY TRENCHLESS OR OPEN TRENCH INSTALLATION.

A SHAFT MUST BE EXCAVATED BY SOFT DIG METHODS 4.0 METERS FROM THE CENTRELINE OF THE FEEDERMAIN TO CONFIRM THE ALIGNMENT AND ELEVATION OF THE DRILLING ROD BEFORE IT CROSSES OVER OR UNDER THE FEEDERMAIN. THIS CONFIRMATION MUST BE WITNESSED BY A CITY REPRESENTATIVE.



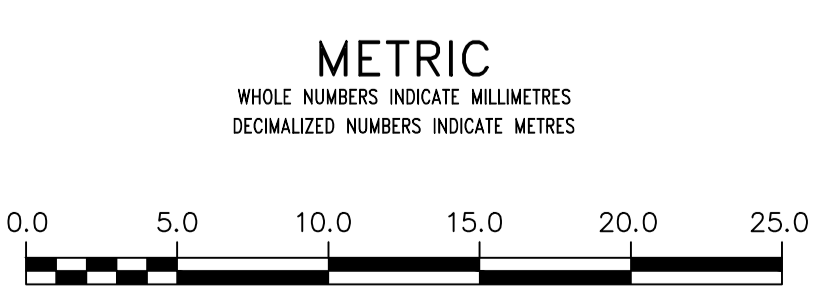
**NOTE:** NOTIFY CONSTRUCTION SERVICES COORDINATOR (CITY OF WINNIPEG) AT (204) 986-4289, 48 HOURS PRIOR TO EXCAVATION NEAR FEEDERMAIN.

**WATER SERVICE INFORMATION**

ADDRESS	SIZE (mm) MATERIAL (STREET)	SIZE (mm) MATERIAL (PROP.)	SHORT & LONG MEASUREMENT	CORP. LOCATION	REMARKS
272 REDWOOD AVE RESIDENTIAL	20 CU	20 CU	2.4m WELL	44.8M E VALVE @ CHARLES ST	RECONNECT SERVICE
274 REDWOOD AVE RESIDENTIAL	20 CU	12 UNKN	UNKN	10.2' E CS	RECONNECT SERVICE
278 REDWOOD AVE RESIDENTIAL	20 CU	12 LEAD	105.5' EEL CHARLES ST	11.5' E CS	RECONNECT SERVICE
280 REDWOOD AVE RESIDENTIAL	20 CU	12 UNKN	40' EEL CHARLES ST	OPP CS #282	RECONNECT SERVICE
283 REDWOOD AVE RESIDENTIAL	20 CU	20 CU	2.5' WEL OF HSE	OPP OF S/C	RECONNECT SERVICE
285 REDWOOD AVE RESIDENTIAL	UNKN UNKN	12 UNKN	88.5' EEL OF CHARLES	OPP OF S/C	RECONNECT SERVICE
287 REDWOOD AVE RESIDENTIAL	UNKN UNKN	12 UNKN	31' EEL OF CHARLES	SAME AS #285	RENEW SERVICE

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

**NOTE:** ALL VALVES TO BE INSTALLED COUNTERCLOCKWISE TO CLOSE



**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 21072 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 UTILITIES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	REVISIONS	DATE	BY
C	ISSUED FOR TENDER	11/04/22	KG
B	DETAILED DESIGN SUBMISSION	25/03/22	KG
A	PRELIMINARY DESIGN SUBMISSION	01/03/22	KG

**wsp**

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DESIGNED BY: K.G. CHECKED BY: S.M.  
DRAWN BY: K.G. APPROVED BY: S.M.  
RELEASED FOR CONSTRUCTION

DATE: 2022 04 11

ENGINEER'S SEAL

2022-04-12

CONSULTANT DRAWING NUMBER  
**221-00922-00-09**

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

2022 WATER MAIN RENEWALS – CONTRACT 6

**REDWOOD AVENUE**  
CHARLES STREET TO  
12.9M WWL OF MAIN STREET

SHEET **09** OF 12  
CITY DRAWING NUMBER  
**D-16236**

**ENGINEERS GEOSCIENTISTS MANITOBA**

Certificate of Authorization  
WSP Canada Inc.  
No. 5750