

**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.

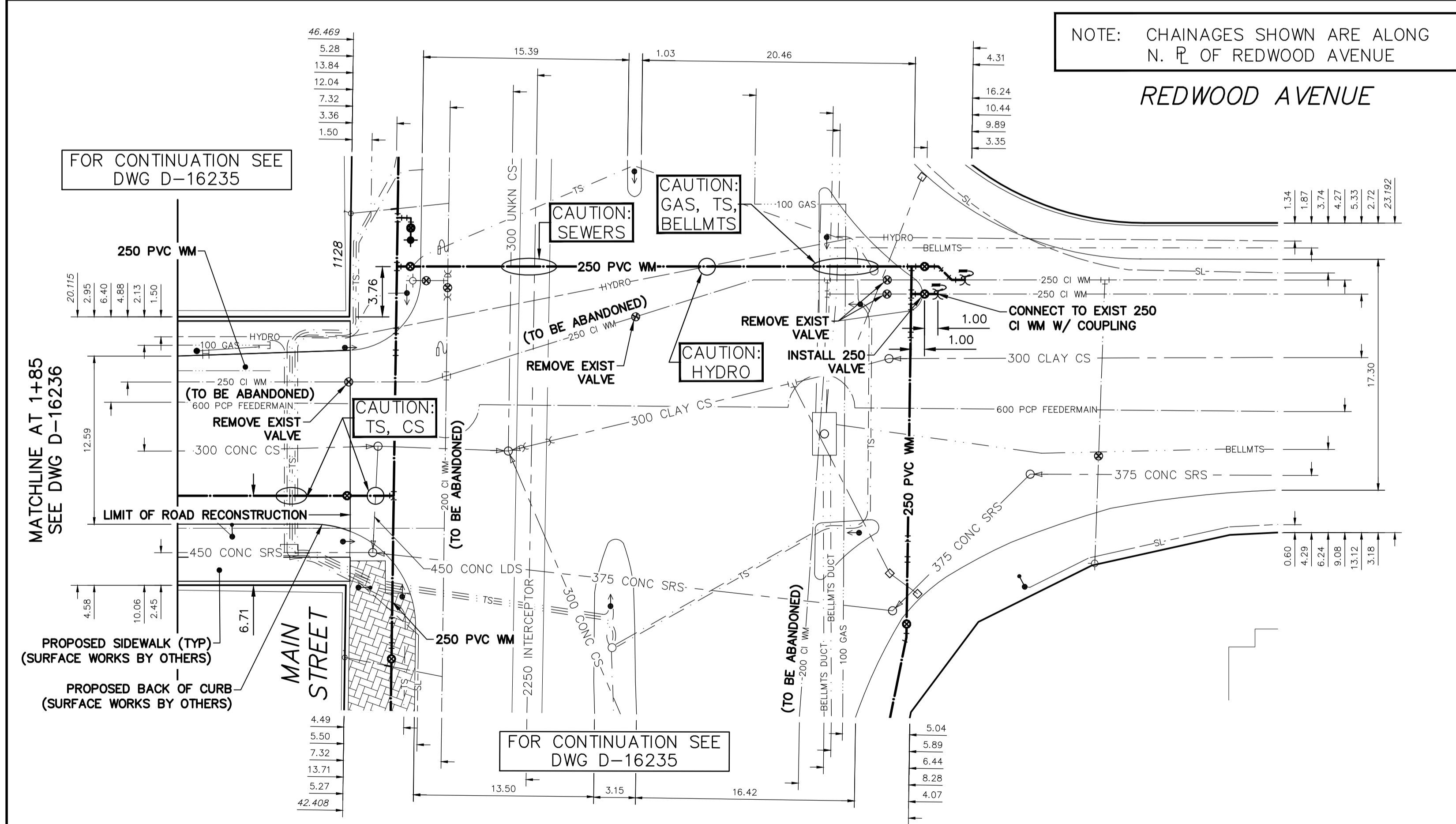
CONCRETE DEMOLITION AND REMOVAL WITHIN 3.0 METERS HORIZONTALLY OF THE FEEDER MAIN SHALL BE COMPLETED BY SAWCUTTING AND REMOVAL OR BY THE USE OF HANDHELD JACKHAMMERS. USE OF CONCRETE BREAKERS ABOVE THE FEEDER MAIN SHALL NOT BE PERMITTED.

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.

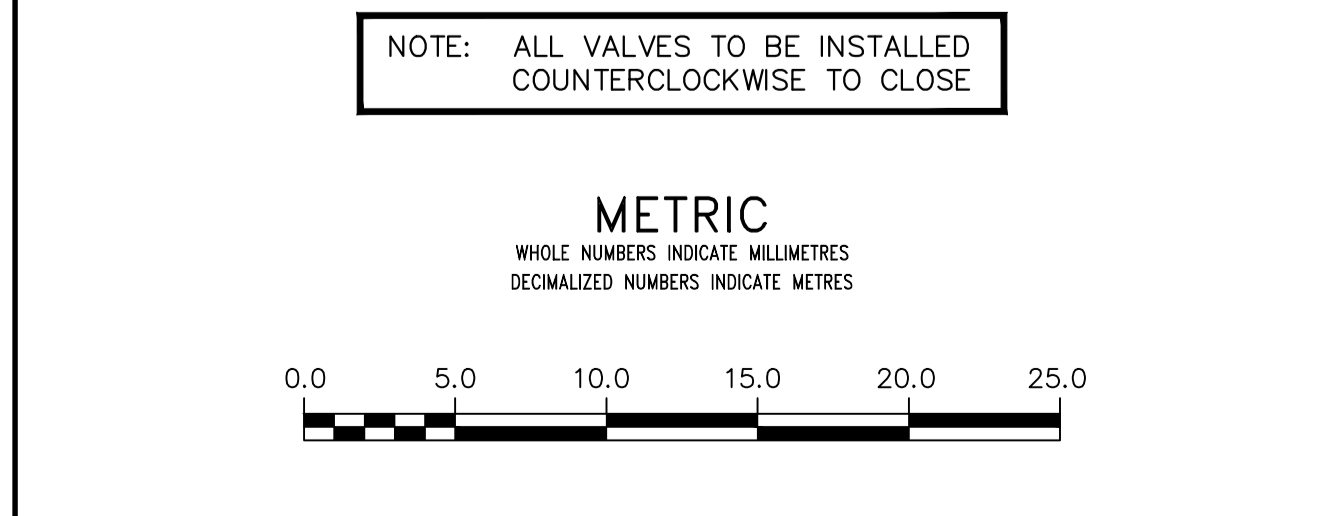
A SHAFT MUST BE EXCAVATED BY SOFT DIG METHODS 4.0 METERS FROM THE CENTRELINE OF THE FEEDERMAIN TO CONFIRM THE ALIGNMENT AND ELEVATION OF THE DRILLING ROD BEFORE IT CROSSES OVER OR UNDER THE FEEDERMAIN. THIS CONFIRMATION MUST BE WITNESSED BY A CITY REPRESENTATIVE.



NOTE: CHAINAGES SHOWN ARE ALONG N. P. OF REDWOOD AVENUE

**REDWOOD AVENUE**

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



**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. ELEV.	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

<b>wsp</b>		1600 Buffalo Place Winnipeg, Manitoba R3T 6B8 Canada Phone: 204-477-6650 wsp.com	
DESIGNED BY	K.G.	CHECKED BY	S.M.
DRAWN BY	K.G.	APPROVED BY	S.M.
SCALE:		RELEASED FOR CONSTRUCTION	
HORIZONTAL	1:250		
VERTICAL	1:50		
DATE	2022 04 11	DATE	

ENGINEER'S SEAL

2022-04-12

CONSULTANT DRAWING NUMBER  
**221-0922-00-10**

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

2022 WATER MAIN RENEWALS – CONTRACT 6

**REDWOOD AVENUE**  
12.9M WWL OF MAIN STREET TO  
4.6M EEL MAIN STREET

SHEET 10 OF 12  
CITY DRAWING NUMBER  
**D-16237**

**ENGINEERS GEOSCIENTISTS MANITOBA**  
Certificate of Authorization  
WSP Canada Inc.  
No. 5750