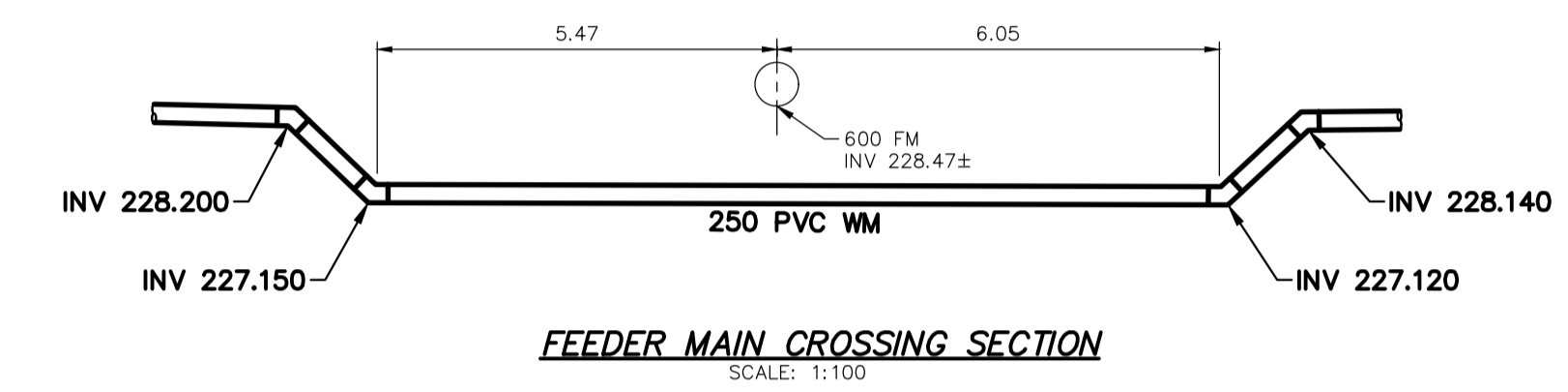


WATER SERVICE INFORMATION

ADDRESS	SIZE (mm) MATERIAL (STREET)	SIZE (mm) MATERIAL (PROP.)	SHORT & LONG MEASUREMENTS	CORP. LOCATION	REMARKS
409 INKSTER BLVD	20	20	3.96 EEL HSE	2.1 S OF S/C	RECONNECT SERVICE
RESIDENTIAL	CJ	CJ	4.659 EEL POWERS ST		
* 410 INKSTER BLVD	12	12	3.05 WEL HSE	0.3 W OF S/C	RENEW TO P/L W/20 CU
RESIDENTIAL	LEAD	LEAD	7.222 EEL POWERS ST		
412 INKSTER BLVD	20	20	3.66 EWL HSE	0.2 W OF S/C	RECONNECT SERVICE
RESIDENTIAL	CU	CU	6.980 W/L ANDREWS ST		
* 415 INKSTER BLVD	20	16	0.91 EEL HSE	OPP OF S/C	RENEW TO P/L W/20 CU
RESIDENTIAL	LEAD	LEAD	0.588 W/L POWERS ST		

* SERVICES TO BE RENEWED TO PL. ALL OTHERS TO BE RECONNECTED.



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 CENTERLINE OF THE FEEDER MAIN.

CONCRETE DEMOLITION AND REMOVAL WITHIN 3 METERS HORIZONTALLY OF THE FEEDER MAIN SHALL BE COMPLETED BY SAWCUTTING AND REMOVAL, OR BY THE USE OF HAND HELD JACKHAMMERS. USE OF MACHINE MOUNTED 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 METER MUST BE PROVIDED BETWEEN THE UNDERSIDE OF ANY EXISTING FEEDER MAIN AND THE TOP OF THE PROPOSED WORKS. THIS INSTALLATION BY TRENCHLESS METHOD ONLY.

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

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

- CONSTRUCTION NOTES**
- EXCAVATIONS WITHIN 3.0m OF THE OUTSIDE EDGE OF A FEEDER MAIN (EXCLUDING HYDROVAC HOLES) AND WHICH EXTEND BELOW THE OBVERT OF THE FEEDER MAIN SHALL UTILIZE SHORING METHODS THAT PRECLUDE THE MOVEMENT OF NATIVE IN-SITU SOILS AND PIPE BEDDING (i.e. TIGHT SHORING SYSTEMS).
 - EXISTING FEEDER MAIN SHALL BE EXPOSED USING HYDROVAC EXCAVATION TO CONFIRM DEPTH PRIOR TO CROSSING OF NEW WATER MAINS OR WATER SERVICES.
 - MIN. CLEARANCE FOR ALL FEEDER MAIN CROSSINGS SHALL BE 1.0m UNDER OR 0.5m OVER EXISTING FEEDER MAIN.
 - THE CONTRACTOR SHALL CONSULT WITH MANITOBA HYDRO FOR HIGH PRESSURE GAS MAIN CROSSING REQUIREMENTS. FULL TIME SAFETY WATCH AND HYDROVAC EXCAVATION TO CONFIRM DEPTHS PRIOR TO CROSSING IS REQUIRED.

NOTE: CHAINAGES SHOWN ARE ALONG E. R. OF POWERS ST

FOR CONTINUATION SEE DWG D-16848

FOR CONTINUATION SEE DWG D-16849

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES
UNLESS OTHERWISE NOTED

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

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.

VERTICAL DATUM: CGVD28 (HT2.0 Geoid)
HORIZONTAL DATUM: NAD83 (June 1990), Zone 14

NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	2024/03/12	NJK

MORRISON HERSHFIELD now **Stantec**

DESIGNED BY: JKH
DRAWN BY: DML
SCALE: HORIZONTAL 1:250, VERTICAL 1:50
DATE: MARCH 12, 2024

CHECKED BY: NJK
APPROVED BY: ADB
RELEASED FOR CONSTRUCTION: RYAN LUCKY
DATE: MARCH 11, 2024

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING SERVICES DIVISION

2024 WATER MAIN RENEWALS
CONTRACT 6
POWERS STREET
10m S OF INKSTER BLVD TO
10m N OF INKSTER BLVD

SHEET 12 OF 12
CITY DRAWING NUMBER
D-16855

FOR INDEX SEE D-16845

NOTE: ALL VALVES TO BE INSTALLED COUNTERCLOCKWISE TO CLOSE

TENDER NUMBER: 162-2024
CONTRACT NUMBER: 6
FILE PATH: X:\Pro\2023\230367800-2023-2025 McGregor-Inkster Renewals\09_CAD\Water Main Renewal\07_Sheets\2303678-Sheet-03.dwg