



- CONSTRUCTION NOTES:**
1. EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
 2. CONFIRM LOCATION OF ALL EXISTING UTILITIES. LOCATIONS OF EXISTING UTILITIES AT CROSSINGS MUST BE VERTICALLY AND HORIZONTALLY VERIFIED (Vh) USING SOFT-DIG METHODS PRIOR TO CONSTRUCTION.
 3. INSTALL WATERMAIN BY TRENCHLESS METHODS (HORIZONTAL DIRECTIONAL DRILLED).
 4. TRENCHES & EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS ARE TO BE CLASS 3 BACKFILL.
 5. ALL MATERIALS MUST CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 6. MINIMUM COVER TO TOP OF WATERMAIN TO BE 2.4m.
 7. ALL FITTINGS (INCLUDING PLUGS) TO BE INSTALLED WITH PROPER THRUST BLOCK PER CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS DETAIL SD-004
 8. ALL RESIDENTS AND BUSINESSES MUST BE NOTIFIED 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

NOTE:
CHAINAGE SHOWN ARE ALONG
PROPOSED WATERMAIN

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|---------------|---------------------|---------------|----------------|---------------|---------------------|---------------------------------|--|-------------|---|-------------|--------|--|--|--|---|--------------------------------|---|--------------|-----------------------------------|-----------------------------|
| 150 mm W.M. | WATERMAIN | 150 mm W.M. | HYDRO | 150 mm W.M. | WATERMAIN | 150 mm W.M. | UNDERGROUND STRUCTURES | B.M. ELEV. | CWBM 23-019, 235.815 m, S.E. COR. NOTRE DAME AVE. & AIRPORT RD. | DESIGNED BY | W.P.N. | | | | THE CITY OF WINNIPEG PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT | CITY DRAWING NUMBER D-13671 | | | | |
| 300 mm L.D.S. | HYDRANT VALVE | 300 mm L.D.S. | M.T.S. | 300 mm L.D.S. | HYDRANT VALVE | DERRICK SAEDAL | 07/8/20 | DRAWN BY | A.R.O. | CHECKED BY | R.T.P. | | | | | | BROOKSIDE CEMETERY WATER SERVICE RENEWALS PLAN AND PROFILE | SHEET 3 OF 4 | | |
| 250 mm W.W.S. | LAND DRAINAGE SEWER | 250 mm W.W.S. | CONCRETE | 250 mm W.W.S. | WASTE WATER SEWER | SUPPLY U/G STRUCTURES COMMITTEE | DATE | APPROVED BY | W.P.N. | HOR. SCALE | 1:250 | | | | | | | | RELEASED FOR CONSTRUCTION DATE | BID OPPORTUNITY 829-2014 |
| 300 mm L.D.S. | WASTE WATER SEWER | 300 mm L.D.S. | ASPHALT | 300 mm L.D.S. | LAND DRAINAGE SEWER | 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. | NO. | REVISIONS | DATE | BY | | | | | | | | | |
| 250 mm W.W.S. | MANHOLE | 250 mm W.W.S. | PROPERTY LINE | 250 mm W.W.S. | WASTE WATER SEWER | | | | | | | | | | | | | | | |
| 250 mm W.W.S. | CATCH BASIN | 250 mm W.W.S. | SURVEY BAR | 250 mm W.W.S. | WASTE WATER SEWER | | | | | | | | | | | | | | | |
| 250 mm W.W.S. | CURB INLET | 250 mm W.W.S. | SERVICE VALVE | 250 mm W.W.S. | WASTE WATER SEWER | | | | | | | | | | | | | | | |
| 250 mm W.W.S. | JUNCTIONS | 250 mm W.W.S. | TREE | 250 mm W.W.S. | WASTE WATER SEWER | | | | | | | | | | | | | | | |
| 250 mm W.W.S. | CULVERT | 250 mm W.W.S. | LIGHT STANDARD | 250 mm W.W.S. | WASTE WATER SEWER | | | | | | | | | | | | | | | |
| 250 mm W.W.S. | GAS | 250 mm W.W.S. | FENCE | 250 mm W.W.S. | WASTE WATER SEWER | | | | | | | | | | | | | | | |
| 250 mm W.W.S. | EXISTING | 250 mm W.W.S. | GUY ANCHOR | 250 mm W.W.S. | WASTE WATER SEWER | | | | | | | | | | | | | | | |
| 250 mm W.W.S. | LEGEND-PLAN | 250 mm W.W.S. | PROPOSED | 250 mm W.W.S. | WASTE WATER SEWER | | | | | | | | | | | | | | | |
| 250 mm W.W.S. | PROPOSED | 250 mm W.W.S. | EXISTING | 250 mm W.W.S. | WASTE WATER SEWER | | | | | | | | | | | | | | | |
| 250 mm W.W.S. | LEGEND-PROFILE | 250 mm W.W.S. | PROPOSED | 250 mm W.W.S. | WASTE WATER SEWER | | | | | | | | | | | | | | | |
| 250 mm W.W.S. | PROPOSED | 250 mm W.W.S. | EXISTING | 250 mm W.W.S. | WASTE WATER SEWER | | | | | | | | | | | | | | | |
| 250 mm W.W.S. | LEGEND-PROFILE | 250 mm W.W.S. | PROPOSED | 250 mm W.W.S. | WASTE WATER SEWER | | | | | | | | | | | | | | | |
| 250 mm W.W.S. | PROPOSED | 250 mm W.W.S. | EXISTING | 250 mm W.W.S. | WASTE WATER SEWER | | | | | | | | | | | | | | | |