

DRAWING INDEX

Table with columns: SHEET NUMBER, CONSULTANT DRAWING NUMBER, CITY OF WINNIPEG DRAWING NUMBER, DRAWING TITLE. Lists 22 sheets including cover sheet, drawing index, key plan, and various manhole and sewer line details.

ABBREVIATIONS

Table mapping abbreviations to full names for various utilities and structures like WWS (Waste Water Sewer), CS (Combined Sewer), LDS (Land Drainage Sewer), etc.

LEGEND

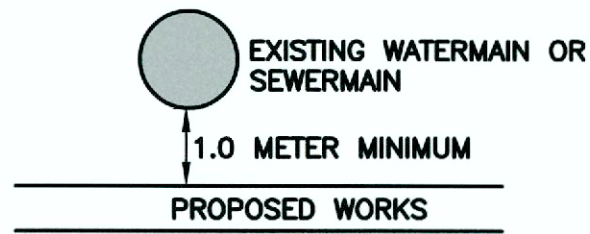
Table mapping symbols to descriptions for plan view elements like water pipes, hydrants, valves, manholes, and junctions.

CONSTRUCTION NOTES

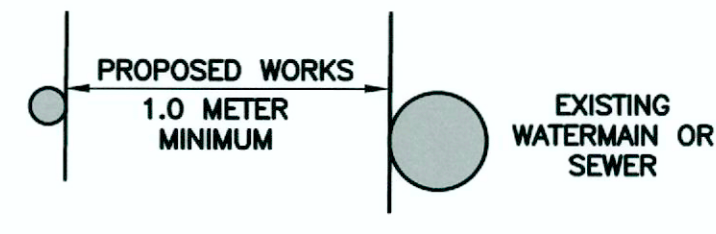
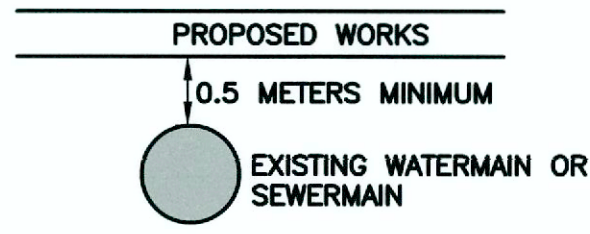
- 1. ALL UNDERGROUND WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
2. ALL EXISTING UNDERGROUND SERVICES SHOWN ON DRAWINGS ARE APPROXIMATE ONLY.
3. CONTRACTOR TO VERIFY LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES AND SERVICES PRIOR TO START OF CONSTRUCTION...

MINIMUM REQUIRED CLEARANCE DISTANCES BETWEEN EXISTING WATERMAIN/ SEWERMAIN AND PROPOSED WORKS

- 1. A MINIMUM CLEARANCE OF 1.0 METER MUST BE PROVIDED BETWEEN THE UNDERSIDE OF ANY EXISTING WATERMAIN OR SEWERMAIN AND THE TOP OF THE PROPOSED WORKS. THIS INSTALLATION BY TRENCHLESS METHOD ONLY.
2. A MINIMUM CLEARANCE OF 0.5 METER MUST BE PROVIDED BETWEEN THE UNDERSIDE OF THE PROPOSED WORKS AND THE TOP OF ANY EXISTING WATERMAIN OR SEWERMAIN BY TRENCHLESS OR OPEN TRENCH.



- 3. A MINIMUM LATERAL CLEARANCE OF 1.0 METER MUST BE PROVIDED BETWEEN ANY EXISTING WATERMAIN OR SEWERMAIN PIPE AND THE PROPOSED WORKS, BUT 2.0 METERS IS RECOMMENDED.



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

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

PROPERTY LIMITS DELINEATION
DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG...

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.

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.

Table for B.M. ELEV. with columns for NO., REVISIONS, DATE, BY.

KGS GROUP logo and project details including DESIGNED BY (MID), CHECKED BY, DRAWN BY (GEL), APPROVED BY, SCALE, HORIZONTAL AS NOTED, VERTICAL, DATE (2024 06 18).

ENGINEER'S SEAL for M. ANKOVA-DELOVA, Member of the Manitoba Association of Registered Professional Engineers, No. 245.

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION
COCKBURN & CALROSSIE SEWER RELIEF WORKS
CONTRACT 13
DRAWING INDEX & GENERAL NOTES
SHEET 2 OF 22
CITY DRAWING NUMBER LD-12996

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES