

DRAWING INDEX

SHEET NUMBER	CITY OF WINNIPEG DRAWING NUMBER	DRAWING TITLE
1	1-0798E-D0007-001	COVER
2	1-0798E-D0008-001	DRAWING INDEX, DESIGN NOTES, LEGEND, & ABBREVIATIONS
3	1-0798E-C0013-001	SEINE RIVER CROSSING – GOULET STREET TO DOUCET STREET
4	1-0798E-C0014-001	DETAILS

ABBREVIATIONS

WWS	WASTE WATER SEWER
CS	COMBINED SEWER
LDS	LAND DRAINAGE SEWER
R	PROPERTY LINE
CL	CENTER LINE
G.I.S.	GEOGRAPHIC INFORMATION SYSTEM
B.M.	BENCH MARK
TH	TEST HOLE
ELEV	ELEVATION
INV	INVERT
MIN	MINIMUM
MAX	MAXIMUM
SL	STREET LIGHTING
TS	TRAFFIC SIGNALS
ABAND	ABANDONED
BLDG	BUILDING
HSE	HOUSE
CRN	CORNER
OPP	OPPOSITE
C/S OR S/C	CURB STOP
MTS	MANITOBA TELEPHONE SYSTEM
R.O.W.	RIGHT-OF-WAY
WM	WATERMAIN
CULV	CULVERT
MH	MANHOLE
CB	CATCH BASIN
CI	CURB INLET
VERT.	VERTICAL
HORZ.	HORIZONTAL
I.B.	IRON BAR
FIBRE	FIBRE OPTIC
TYP	TYPICAL
X-ING	CROSSING
HYD	HYDRANT
EXIST	EXISTING
N	NORTH
E	EAST
S	SOUTH
W	WEST
W/	WITH
C/W	CONSTRUCTED WITH
CONC	CONCRETE
AC	ASBESTOS CEMENT
VC OR CLAY	VITRIFIED CLAY
CI	CAST IRON
DI	DUCTILE IRON
PVC	POLYVINYL CHLORIDE
HDPE	HIGH DENSITY POLYETHYLENE
PCCP	PRESTRESSED CONCRETE CYLINDER PIPE
FRPMP	FIBRE REINFORCED POLYMER MORTAR PIPE
FFRP	FLEXIBLE FABRIC REINFORCED PIPE

LEGEND

DESCRIPTION	PLAN VIEW	
	EXISTING	PROPOSED
WATER PIPE		
FIRE HYDRANT		
VALVE		
CURB STOP		
REDUCER		
COUPLING OR SLIDDER		
CROSS		
BEND – 11.25°, 22.5°, 45°, 90°		
TEE		
VERTICAL BEND		
ANODE		
REPAIR MARKER		
PLUG		
SEWER PIPE		
MANHOLE		
CATCH BASIN		
CURB INLET		
JUNCTION		
CL DITCH		
CULVERT		
SURVEY BAR		
SURVEY MONUMENT		
TREE – DECIDUOUS		
TREE – CONIFEROUS		
HYDRO		
HYDRO POLE		
LAMP STANDARD		
HYDRO POLE W/STREET LIGHTING		
POLE		
GUY ANCHOR		
M.T.S. POLE		
PEDESTAL OR BOX		
CABINET		
M.T.S., SHAW, OR VIDEO		
TRAFFIC SIGNALS		
TRAFFIC LIGHT STANDARD		
GAS		
STEAM		
FIBRE OPTIC		
FENCE		
EDGE OF PAVEMENT OR GUTTER		
EDGE UNPAVED OR GRAVEL ROAD		
CL		
PROJECTED CL		
LOT LINE		
SIDEWALK – PATHWAY		
EASEMENT		
EDGE OF BUILDING		
MAILBOX		
PARKING METER		
TEST HOLE		
TREE LINE OR BUSH		
SURFACE MONITORING POINT		
UTILITY MONITORING POINT		
BUILDING MONITORING POINT		

PROFILE

DESCRIPTION	PROFILE	
	EXISTING	PROPOSED
WATER PIPE		
HYDRANT TOP		
VALVE		
TEE OR CROSS		
COUPLING OR BEND		
REDUCER		
END OF PIPE		
SEWER PIPE		
UNPAVED GROUND SURFACE		
PAVED GROUND SURFACE – CL PIPE		
GUTTER (NORTH AND WEST)		
GUTTER (SOUTH AND EAST)		
CL DITCH (NORTH AND WEST)		
CL DITCH (SOUTH AND EAST)		
STRUCTURE		
MANHOLE OR CATCH BASIN		

HATCH PATTERNS

EXISTING	PROPOSED	DESCRIPTION
		EARTH OR GROUND ABOVE PIPE
		SAND OR OTHER FINE MATERIAL
		CONCRETE
		WASHED STONE OR GRANULAR MATERIAL
		INTERLOCKING STONE
		METAL
		GRAVEL OR STONE

CONSTRUCTION NOTES

- CONFIRM LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION.
- OPERATION OF EXISTING WATER MAIN VALVES BY CITY STAFF ONLY.
- CLASS 1 BACKFILL FOR ALL SHAFTS LOCATED WITHIN 1.0m OF REGIONAL STREETS.
- CLASS 2 OR 3 BACKFILL FOR ALL SHAFTS LOCATED WITHIN 1.0m OF NON-REGIONAL STREETS, PATHS, AND WALKWAYS.
- CLASS 4 BACKFILL FOR ALL OTHER EXCAVATIONS UNLESS OTHERWISE NOTED IN SPECIFICATIONS.
- THE WATER MAIN MAY BE DEWATERED TO FACILITATE CONSTRUCTION.
- COMPLETE PIPELINE CLEANING AND INSPECTION IN ACCORDANCE WITH THE SPECIFICATIONS.
- COMPLETE LEAKAGE TESTING AND FLUSHING UPON COMPLETION OF LINER INSTALLATION IN ACCORDANCE WITH THE SPECIFICATIONS.
- RESTORE SITE UPON COMPLETION OF THE WORK IN ACCORDANCE WITH THE SPECIFICATIONS.
- FLUSHING AND OTHER WATER COLLECTED DURING THE COURSE OF THE WORK MAY BE DISCHARGED INTO THE MANHOLES SHOWN ON THE DRAWINGS AT THE MAXIMUM FLOW RATED IDENTIFIED, TO AN LDS SEWER (WITH DECHLORINATION), OR TO THE RIVER (WITH DECHLORINATION AND ASSOCIATED PROVISIONS) IN ACCORDANCE WITH THE SPECIFICATIONS.

LOCATION APPROVED UNDERGROUND STRUCTURES						ENGINEER'S SEAL	 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION	
SUPV. U/G STRUCTURES COMMITTEE	DATE			DESIGNED BY EC	CHECKED BY MGM			
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.				DRAWN BY ADL	APPROVED BY JAT	CONSULTANT DRAWING NUMBER G-1001	SHEET 2 OF 4 CITY DRAWING NUMBER 1-0798E-D0008-001	
0 ISSUED FOR TENDER 26/06/24 ADL				SCALE: HORIZONTAL VERTICAL	RELEASED FOR CONSTRUCTION S. Cournoyer			
NO. REVISIONS DATE BY				DATE 2026 06 24	DATE 2026 07 06			

PLOT DATE: 2026 06 24

Tender No: 519-2026

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