

DRAWING INDEX

SHEET NUMBER	CITY OF WINNIPEG DRAWING NUMBER	DRAWING TITLE
1	1-0798E-D0005-001	COVER PAGE
2	1-0798E-D0006-001	INDEX PAGE - DRAWING INDEX, CONSTRUCTION NOTES, LEGEND & ABBREVIATIONS
3	1-0798E-C0010-001	RIVER CROSSING - PLAN & PROFILE
4	1-0798E-C0011-001	RIVER CROSSING - DETAILS
5	1-0798B-C0009-001	SOUTH CHAMBER - PLANS & SECTIONS
6	1-0798B-C0010-001	NORTH CHAMBER - PLANS & SECTIONS
7	1-0798B-C0011-001	NORTH CHAMBER PLAN & SECTIONS AND MISCELLANEOUS DETAILS

ABBREVIATIONS

WWS	WASTEWATER SEWER
CS	COMBINED SEWER
LDS	LAND DRAINAGE SEWER
FRM	FORCE MAIN
ℓ	PROPERTY LINE
ℓ	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	WATER MAIN
FM	FEEDER MAIN
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
U/S	UPSTREAM
D/S	DOWNSTREAM

LEGEND

DESCRIPTION	ABANDONED	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			
ℓ 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 VIDEON			
TRAFFIC SIGNALS			
TRAFFIC LIGHT STANDARD			
GAS			
STEAM			
FIBRE OPTIC			
FENCE			
EDGE OF PAVEMENT OR GUTTER			
EDGE UNPAVED OR GRAVEL ROAD			
ℓ			
PROJECTED ℓ			
LOT LINE			
SIDEWALK - PATHWAY			
EASEMENT			
EDGE OF BUILDING			
MAILBOX			
PARKING METER			
TEST HOLE			
TREE LINE OR BUSH			

CONSTRUCTION NOTES

- ALL MATERIALS TO CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
- EXPOSE ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION TO CONFIRM DEPTH AND LOCATION. ANY CONFLICTS WITH EXISTING UNDERGROUND UTILITIES SHALL BE REPORTED TO THE CONTRACT ADMINISTRATOR PRIOR TO INSTALLATION.
- CONTRACTOR TO SUBMIT DETAILED CONSTRUCTION SEQUENCING AND PROCEDURE PLAN.

HATCH PATTERNS

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

SECTION & DETAIL SYMBOLS

	SECTION LETTER / DETAIL NUMBER
	SHEET WHERE SECTION / DETAIL IS DRAWN
	SHEET WHERE SECTION / DETAIL IS TAKEN

DESCRIPTION	ABANDONED	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 - ℓ PIPE			
GUTTER (NORTH AND WEST)			
GUTTER (SOUTH AND EAST)			
ℓ DITCH (NORTH AND WEST)			
ℓ DITCH (SOUTH AND EAST)			
STRUCTURE			
MANHOLE OR CATCH BASIN			