

DRAWING INDEX

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ABBREVIATIONS

WWS	WASTE WATER SEWER
CS	COMBINED SEWER
LDS	LAND DRAINAGE SEWER
R	PROPERTY LINE
C	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

LEGEND

DESCRIPTION	EXISTING	PROPOSED
WATER PIPE	—	—
FIRE HYDRANT	+	+
VALVE	⊗	⊗
CURB STOP	⊙	⊙
REDUCER	∠	∠
COUPLING OR SLIDDER	X	X
CROSS	⊕	⊕
BEND - 11.25°, 22.5°, 45°, 90°	H A S T	H A S T
TEE	⊥	⊥
VERTICAL BEND	H	H
ANODE	⊕	⊕
REPAIR MARKER	⊙	⊙
PLUG	⊕	⊕
SEWER PIPE	—	—
MANHOLE	⊙	⊙
CATCH BASIN	⊙	⊙
CURB INLET	∇	∇
JUNCTION	⊥	⊥
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	—	—
PROJECTED	—	—
LOT LINE	—	—
SIDEWALK - PATHWAY	—	—
EASEMENT	—	—
EDGE OF BUILDING	—	—
MAILBOX	⊕	⊕
PARKING METER	⊕	⊕
TEST HOLE	⊕	⊕
TREE LINE OR BUSH	—	—

PROFILE

DESCRIPTION	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 - C PIPE	—	—
GUTTER (NORTH AND WEST)	—	—
GUTTER (SOUTH AND EAST)	—	—
DITCH (NORTH AND WEST)	—	—
DITCH (SOUTH AND EAST)	—	—
EXIST GROUND (NORTH AND WEST)	—	—
EXIST GROUND (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

- ALL WORKS TO BE IN ACCORDANCE WITH THE LATEST REVISIONS OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
- STATION CHAINAGE IS BASED ON CENTRELINE OF PROPOSED ROADWAY.
- REGRADE EXISTING APPROACHES AS REQUIRED.
- REGRADE EXISTING DITCHES AS DIRECTED BY CONTRACT ADMINISTRATOR.
- RENEW EXISTING APPROACHES AS DIRECTED BY CONTRACT ADMINISTRATOR.
- NEW CULVERTS TO BE INSTALLED AS DIRECTED BY CONTRACT ADMINISTRATOR.
- ASPHALT SURFACE TREATMENT ON APPROACHES AND TRAFFIC LANES ONLY.
- REMOVE AND RESTORE EXISTING SIGNS AS REQUIRED.
- PROTECT AND PRESERVE ALL EXISTING INFRASTRUCTURE INCLUDING LEACHATE AND LANDFILL GAS MONITORING WELL AND EXISTING TREES.

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

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.	B.M. ELEV. NO. REVISIONS DATE BY	 DESIGNED BY E.W. CHECKED BY DRAWN BY D.M.W. APPROVED BY SCALE: HORIZONTAL 1:250 VERTICAL 1:50 DATE 2018 02 21	ENGINEER'S SEAL CONSULTANT DRAWING NUMBER 17-0107-010_C02	 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION CHARETTE ROAD RENEWAL INDEX PAGE	SHEET 02 OF 13 CITY DRAWING NUMBER 1-0400A-D0018-001
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