

DRAWING INDEX

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26	D-15627	LIPTON STREET – 10 S OF SARGENT AVENUE TO 10 N OF SARGENT AVENUE

ABBREVIATIONS

WWS	WASTE WATER SEWER
CS	COMBINED SEWER
LDS	LAND DRAINAGE SEWER
ℙ	PROPERTY LINE
℄	CENTRE 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 TELECOM SERVICES
R.O.W.	RIGHT-OF-WAY
WM	WATER 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

LEGEND

DESCRIPTION	PLAN VIEW	
	EXISTING	PROPOSED
WATER PIPE	—	—
FIRE HYDRANT	⊕	⊕
VALVE	⊗	⊗
CURB STOP	⊙	⊙
REDUCER	∠	∠
COUPLING OR SLIDDER	X	X
CROSS	⊕	⊕
BEND – 11.25°, 22.5°, 45°, 90°	⊕	⊕
TEE	⊕	⊕
VERTICAL BEND	⊕	⊕
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	⊕	⊕
WASTE RECEPTACLE	⊕	⊕
TEST HOLE	⊕	⊕
TREE LINE OR BUSH SIGN	—	—

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 – ℄ ROAD	—	—
GUTTER (NORTH AND WEST)	—	—
GUTTER (SOUTH AND EAST)	—	—
℄ DITCH (NORTH AND WEST)	—	—
℄ DITCH (SOUTH AND EAST)	—	—
PROPERTY LINE (NORTH AND WEST)	—	—
PROPERTY LINE (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

1. EXPOSE ALL WATER MAIN TIE IN LOCATIONS TO CONFIRM ELEVATION, MATERIAL TYPE AND LOCATION PRIOR TO COMMENCEMENT OF THE WATER MAIN INSTALLATION.
2. EXPOSE ALL SERVICES 100 mm AND LARGER AT THE TIE IN LOCATIONS TO CONFIRM ELEVATION, MATERIAL TYPE AND LOCATION PRIOR TO COMMENCEMENT TO THE WATER MAIN INSTALLATION.
3. INSTALL WATER MAIN BY TRENCHLESS METHODS.
4. TRENCHES AND EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS ARE CLASS 3 BACKFILL.
5. ALL MATERIALS TO CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
6. MINIMUM COVER TO TOP OF WATER MAIN SHALL BE 2.4 m.
7. EXPOSE ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION TO CONFIRM DEPTH AND LOCATION. ANY CONFLICTS WITH PROPOSED WATER MAINS AND EXISTING UNDERGROUND UTILITIES SHALL BE REPORTED TO THE CONTRACT ADMINISTRATOR PRIOR TO INSTALLATION.
8. REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATER MAIN TO ℄.
9. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.



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.
 SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

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.	36-061 233.359 m	N.W. Cor. Sargent Ave. & Garfield St. N., Tblt. in S. Conc. foundation of Sargent Ave. Mennonite Church, 0.5 m W. & 1.7 m below brick of S.E. Cor. of Bldg.
DESIGNED BY	JKH	CHECKED BY HAK
DRAWN BY	DML	APPROVED BY HAK
SCALE:		RELEASED FOR CONSTRUCTION
HORIZONTAL	1:250	KAS ZUREK
VERTICAL	1:50	
DATE	2019 12 20	DATE
		2020 01 29

MORRISON HERSHFIELD
 DESIGNED BY JKH
 CHECKED BY HAK
 DRAWN BY DML
 APPROVED BY HAK
 SCALE: HORIZONTAL 1:250, VERTICAL 1:50
 RELEASED FOR CONSTRUCTION
 KAS ZUREK
 DATE 2019 12 20, DATE 2020 01 29

ENGINEER'S SEAL
 ORIGINAL SIGNED BY H.A. KATZ
 2020 01 29
 CONSULTANT DRAWING NUMBER

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 ENGINEERING DIVISION
 2020 WATER MAIN RENEWAL – CONTRACT 7
 SARGENT AVENUE – ERIN ST TO LIPTON ST
 SHEET 18 OF 26
 CITY DRAWING NUMBER
D-15619
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