

ABBREVIATIONS

ABAND	ABANDONED
BLDG	BUILDING
B.M.	BENCH MARK
CB	CATCH BASIN
CI	CURB INLET
CL	CENTER LINE
CS	COMBINED SEWER
CULV	CULVERT
C/S	CURB STOP
ELEV	ELEVATION
EXIST	EXISTING
FIBRE	FIBRE OPTIC
G.I.S.	GEOGRAPHIC INFORMATION SYSTEM
HORZ	HORIZONTAL
HSE	HOUSE
HYD	HYDRANT
I.B.	IRON BAR
INV	INVERT
LDS	LAND DRAINAGE SEWER
MIN	MINIMUM
MH	MANHOLE
MTS	MANITOBA TELEPHONE SYSTEM
PL	PROPERTY LINE
R.O.W.	RIGHT-OF-WAY
SL	STREET LIGHTING
TH	TEST HOLE
TS	TRAFFIC SIGNALS
VERT.	VERTICAL
WM	WATERMAIN
WWS	WASTE WATER SEWER
X-ING	CROSSING

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		
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.		
TRAFFIC SIGNALS		
TRAFFIC LIGHT STANDARD		
GAS		
STEAM		
FIBRE OPTIC		
FENCE		
EDGE OF PAVEMENT OR GUTTER		
EDGE UNPAVED OR GRAVEL ROAD		
LOT LINE		
SIDEWALK - PATHWAY		
EASEMENT		
EDGE OF BUILDING		
TEST HOLE		
TREE LINE OR BUSH		

HATCH PATTERNS

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

CONSTRUCTION NOTES

1. ALL CONCRETE PIPE SHALL HAVE CLASS B - TYPE 3 BEDDING.
2. INSTALL SEWER BY TRENCHLESS METHODS.
3. CONFIRM THE LOCATION OF ALL SEWER AND WATER SERVICES.

PROFILE

DESCRIPTION	EXISTING	PROPOSED
	PIPE	
HYDRANT TOP		
VALVE		
TEE OR CROSS		
COUPLING OR BEND		
REDUCER		
END OF PIPE		
MANHOLE OR CATCH BASIN		

SHEET NO.	CITY DWG NO.	CONSULTANT DWG. NO.	TITLE
1	LD-8096	D-007	COVERSHEET
2	LD-8097	D-008	INDEX AND GENERAL NOTES
3	LD-8098	C-105	OVERALL PLAN AND MANHOLE SCHEDULE
4	LD-8099	C-245	WAYOATA STREET FROM STA 1+000 TO 1+100
5	LD-8100	C-246	WAYOATA STREET FROM STA 1+100 TO 1+210
6	LD-8101	C-247	WAYOATA STREET FROM STA 1+210 TO 1+320
7	LD-8102	C-248	WAYOATA STREET FROM STA 1+320 TO 1+430
8	LD-8103	C-249	WAYOATA STREET FROM STA 1+430 TO KILDARE AVE E.
9	LD-8104	C-250	MCMEANS AVENUE E. FROM STA 1+000 TO 1+120
10	LD-8105	C-251	MCMEANS AVENUE E. FROM STA 1+120 TO 1+240
11	LD-8106	C-252	MCMEANS AVENUE E. FROM STA 1+240 TO 1+350
12	LD-8107	C-253	MCMEANS AVENUE E. FROM STA 1+350 TO LANCELOT PL
13	LD-8108	C-254	REDONDA STREET FROM STA 1+000 TO 1+100
14	LD-8109	C-255	REDONDA STREET FROM STA 1+100 TO 1+200
15	LD-8404	C-256	REDONDA STREET FROM STA 1+200 TO 1+300
16	LD-8405	C-257	REDONDA STREET FROM STA 1+300 TO KILDARE AVE E.
17	LD-8406	C-505	EXISTING MANHOLE ABANDONMENT DETAILS 1
18	LD-8407	C-506	EXISTING MANHOLE ABANDONMENT DETAILS 2
19	LD-8437	C-507	EXISTING MANHOLE ABANDONMENT DETAILS 3



B.M. ELEV. CONSTRUCTION COMPLETION DATE: YYYY MM DD	ch2m		ENGINEER'S SEAL 11-02-17 PROVINCE OF MANITOBA A.S.D. GODON Member 25524 REGISTERED PROFESSIONAL ENGINEER	THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION
	DESIGNED BY MAF DRAWN BY JBC SCALE: HORIZONTAL NTS VERTICAL	CHECKED BY MD APPROVED BY <i>E. Shroy</i> RELEASED FOR CONSTRUCTION DATE <i>Nov 9/17</i>		
0 ISSUED FOR TENDER 11/17 JBC NO. REVISIONS DATE BY	PLOT DATE: 2017 11 02		BID OPPORTUNITY: 810-2017	SHEET 2 OF 19 CITY DRAWING NUMBER LD-8097

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