

SHEET NO.	CITY DWG NO.	CONSULTANT DWG. NO.	TITLE
1	LD-8077	D-005	COVERSHEET
2	LD-8078	D-006	INDEX AND GENERAL NOTES
3	LD-8079	C-103	OVERALL PLAN AND MANHOLE SCHEDULE SHEET 1 OF 2
4	LD-8080	C-104	OVERALL PLAN AND MANHOLE SCHEDULE SHEET 2 OF 2
5	LD-8081	C-231	YALE AVENUE E. FROM STA 1+000 TO 1+110
6	LD-8082	C-232	YALE AVENUE E. FROM STA 1+110 TO 1+220
7	LD-8083	C-233	YALE AVENUE E. FROM STA 1+220 TO WAYOATA STREET
8	LD-8084	C-234	WAYOATA STREET FROM YALE AVE E. TO VICTORIA AVE
9	LD-8085	C-235	VICTORIA AVENUE FROM WAYOATA STREET TO STA 1+550
10	LD-8086	C-236	VICTORIA AVENUE FROM STA 1+550 TO 1+650
11	LD-8087	C-237	VICTORIA AVENUE FROM STA 1+650 TO 1+750
12	LD-8088	C-238	VICTORIA AVENUE FROM STA 1+750 TO MH 047
13	LD-8089	C-241	REGINA PLACE FROM PARADE DR TO HAROLD AVE E.
14	LD-8090	C-242	HAROLD AVENUE E. FROM REGINA PL TO STA 1+160
15	LD-8091	C-243	HAROLD AVENUE E. FROM STA 1+160 TO LEOLA ST.
16	LD-8092	C-244	LEOLA STREET FROM MH 082 TO KILDARE AVE
17	LD-8093	C-310	WAYOATA STREET FROM FROM VICTORIA AVE TO REGENT AVE
18	LD-8094	C-503	EXISTING MANHOLE ABANDONMENT DETAILS 1
19	LD-8895	C-504	EXISTING MANHOLE ABANDONMENT DETAILS 2

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	X	X
CURB STOP	△	△
REDUCER	△	△
COUPLING OR SLIDDER	X	X
CROSS	⊕	⊕
BEND - 11.25°, 22.5°, 45°, 90°	H H H H	H H H H
TEE	H	H
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.	---	---
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 PVC PIPE SHALL HAVE CLASS B - TYPE 3 BEDDING.
2. INSTALL SEWER BY TRENCHLESS METHODS.
3. CONFIRM THE LOCATION OF ALL SEWER AND WATER SERVICES.

DESCRIPTION	PROFILE	
	EXISTING	PROPOSED
PIPE	---	---
HYDRANT TOP	+	+
VALVE	X	X
TEE OR CROSS	⊕	⊕
COUPLING OR BEND	---	---
REDUCER	---	---
END OF PIPE	δ	δ
MANHOLE OR CATCH BASIN	⊕	⊕



DESIGNED BY: MAF CHECKED BY: MD DRAWN BY: JBC APPROVED BY: <i>[Signature]</i> SCALE: HORIZONTAL NTS VERTICAL NTS RELEASED FOR CONSTRUCTION DATE: 04/21/17		ENGINEER'S SEAL: 10/23/2017 S.D. GODON Member 25524 REGISTERED PROFESSIONAL ENGINEER		TRANSCONA SEWER RELIEF WORKS CONTRACT NO. 3 SHEET 2 OF 19 CITY DRAWING NUMBER: LD-8078	
CONSTRUCTION COMPLETION DATE: YYYY MM DD		CONSULTANT DRAWING NUMBER: D-006		INDEX AND GENERAL NOTES	