

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	X	X
CROSS	⊕	⊕
BEND - 11.25', 22.5', 45', 90'	H A A A A	H A A A A
TEE	H A A	H A A
VERTICAL BEND	H A	H A
ANODE	H	H
REPAIR MARKER	⊕	⊕
PLUG	J	J
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

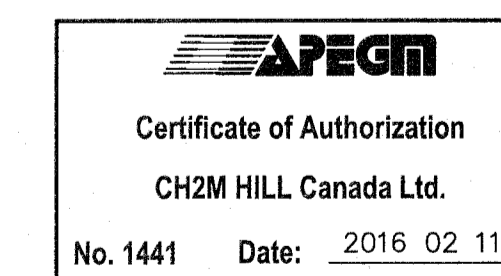
CONSTRUCTION NOTES

1. ALL CONCRETE PIPE SHALL HAVE CLASS A - TYPE 3 BEDDING.
2. INSTALL SEWER BY TRENCHLESS METHODS.
3. CONFIRM THE LOCATION OF ALL SEWER AND WATER SERVICES.
4. BACKFILL UNDER PAVEMENT IN PLESSIS ROAD TO BE CLASS 1.
5. BACKFILL UNDER PARK ADJACENT TO PLESSIS ROAD AND ROTARY CENTENARY PARK TO BE CLASS 5.
6. ALL OTHER BACKFILL IN BOULEVARD, IN SIDEWALK AND NON PLESSIS ROAD PAVEMENT/ PARK AREAS TO BE CLASS 3.

PROFILE

DESCRIPTION	PROFILE	
	EXISTING	PROPOSED
PIPE	—	—
HYDRANT TOP	+	+
VALVE	X	X
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-7742	D-001	COVERSHEET
2	LD-7743	D-002	INDEX AND GENERAL NOTES
3	LD-7744	C-101	OVERALL PLAN AND MANHOLE SCHEDULE SHEET 1
4	LD-7745	C-201	PLESSIS RD FROM STA 1+000 TO 1+120
5	LD-7746	C-202	PLESSIS RD FROM STA 1+120 TO 1+250
6	LD-7747	C-203	PLESSIS RD FROM STA 1+250 TO RAVELSTON AVE W
7	LD-7748	C-204	RAVELSTON AVE W FROM PLESSIS RD TO 1+480
8	LD-7749	C-205	RAVELSTON AVE W FROM STA 1+480 TO MOROZ ST
9	LD-7750	C-206	MOROZ ST FROM RAVELSTON AVE W TO YALE AVE W
10	LD-7751	C-207	YALE AVE W FROM MOROZ ST TO STA 1+770
11	LD-7752	C-208	YALE AVE W FROM STA 1+770 TO 1+890
12	LD-7753	C-209	YALE AVE W FROM STA 1+890 TO 2+000
13	LD-7754	C-210	YALE AVE W FROM STA 2+000 TO 2+120
14	LD-7755	C-211	YALE AVE W FROM STA 2+120 TO 2+230
15	LD-7756	C-212	YALE AVE W FROM STA 2+230 TO 2+350
16	LD-7757	C-213	YALE AVE W FROM STA 2+350 TO 2+470
17	LD-7758	C-214	YALE AVE W FROM STA 2+470 TO 2+590
18	LD-7759	C-215	YALE AVE W FROM STA 2+590 TO WINONA ST
19	LD-7760	C-301	WINONA ST YALE AVE W. TO VICTORIA AVE W.
20	LD-7761	C-501	STANDARD DETAILS SHEET 1
21	LD-7764	C-504	STANDARD DETAILS SHEET 4
22	LD-7765	C-505	STANDARD DETAILS SHEET 5
23	LD-7766	C-510	CONNECTION DETAIL EXISTING MANHOLE MH E01
24	LD-7767	C-511	CONNECTION DETAIL NEW MANHOLE MH 001



				THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION	
DESIGNED BY: MAF CHECKED BY: MD DRAWN BY: JBC APPROVED BY: <i>S. Gupta</i> SCALE: HORIZONTAL NTS RELEASED FOR CONSTRUCTION: <i>S. Gupta</i> VERTICAL: <i>S. Gupta</i>		ENGINEER'S SEAL CONSULTANT DRAWING NUMBER: D-002		TRANSCONA SEWER RELIEF WORKS CONTRACT NO. 1 SHEET 2 OF 24 CITY DRAWING NUMBER: LD-7743	
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