

NOTE: CHAINAGES SHOWN ARE ALONG E R OF CANORA ST

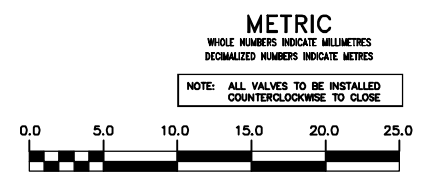
CAUTION: GAS ON W SIDE OF CANORA ST

CAUTION: SL ON E SIDE OF CANORA ST

WATER SERVICE INFORMATION					
ADDRESS	SIZE(mm) & TYPE (STREET)	SIZE(mm) & TYPE (PROP)	SHORT & LONG MEASUREMENT	CORP. LOCATION	REMARKS
73 CANORA ST	16	20	0.70>NNL HSE	0.3 N OF S/C	RENEW TO E W/20 COPPER
75 CANORA ST	16	20	1.80>NNL HSE	1.2 S OF S/C	RECONNECT SERVICE
77 CANORA ST	16	20	2.33>NNL HSE	0.3 N OF S/C	SHARED W/79
79 CANORA ST	16	20	48.22>NNL WOLSELEY	0.3 N OF S/C	RENEW TO E W/20 COPPER
80 CANORA ST	12	20	1.75>NNL HSE	0.9 N OF S/C	RENEW TO E W/20 COPPER
82 CANORA ST	12	20	46.80>NNL WOLSELEY	0.5 S OF S/C	RECONNECT SERVICE
83 CANORA ST	12	20	1.68>NNL HSE	0.5 S OF S/C	RECONNECT SERVICE
84 CANORA ST	12	20	57.74>NNL WOLSELEY	0.3 N OF S/C	RECONNECT SERVICE
85 CANORA ST	12	20	2.75>NNL HSE	0.6 S OF S/C	RECONNECT SERVICE
87 CANORA ST	12	20	68.63>NNL WOLSELEY	1.0 S OF S/C	RECONNECT SERVICE
88 CANORA ST	12	20	51.15>NNL HSE	1.4 S OF S/C	RECONNECT SERVICE
89 CANORA ST	12	20	82.59>NNL WOLSELEY	1.5 S OF S/C	DBL SERV. W/90
90 CANORA ST	12	12	84.74>NNL WOLSELEY	0.9 S OF S/C	RENEW TO E W/20 COPPER
91 CANORA ST	12	12	2.87>NNL HSE	0.9 S OF S/C	RENEW TO E W/20 COPPER
92 CANORA ST	12	12	84.74>NNL WOLSELEY	1.5 S OF S/C	DBL SERV. W/88
93 CANORA ST	12	12	84.74>NNL WOLSELEY	0.3 S OF S/C	RENEW TO E W/20 COPPER
94 CANORA ST	12	12	1.30>NNL HSE	0.3 S OF S/C	DBL SERV. W/93
95 CANORA ST	12	12	112.57>NNL WOLSELEY	0.3 S OF S/C	RENEW TO E W/20 COPPER
96 CANORA ST	12	12	3.61>NNL HSE	OPP S/C	RECONNECT SERVICE
97 CANORA ST	12	12	111.80>NNL WOLSELEY	0.3 S OF S/C	DBL SERV. W/91
98 CANORA ST	12	12	0.85>NNL HSE	0.3 S OF S/C	RECONNECT SERVICE
99 CANORA ST	12	12	112.57>NNL WOLSELEY	0.3 S OF S/C	RECONNECT SERVICE
100 CANORA ST	12	12	2.23>NNL HSE	OPP S/C	RECONNECT SERVICE
101 CANORA ST	12	12	112.57>NNL WOLSELEY	0.3 S OF S/C	RECONNECT SERVICE
102 CANORA ST	12	12	1.56>NNL HSE	0.4 S OF S/C	RENEW TO E W/20 COPPER
103 CANORA ST	12	12	113.89>NNL WOLSELEY	1.0 S OF S/C	RECONNECT SERVICE
104 CANORA ST	12	12	1.77>NNL HSE	1.0 S OF S/C	RECONNECT SERVICE
105 CANORA ST	12	12	133.81>NNL WOLSELEY	1.0 S OF S/C	RECONNECT SERVICE
106 CANORA ST	12	12	1.45>NNL HSE	2.6 N OF S/C	SHARED W/119 & 121
107 CANORA ST	12	12	149.40>NNL WOLSELEY	9.7 S OF S/C	RENEW TO E W/20 COPPER
108 CANORA ST	12	12	1.45>NNL HSE	2.6 N OF S/C	SHARED W/117 & 121
109 CANORA ST	12	12	149.40>NNL WOLSELEY	8.2 S OF S/C	RENEW TO E W/20 COPPER
110 CANORA ST	12	12	1.74>NNL HSE	2.6 N OF S/C	SHARED W/119 & 117
111 CANORA ST	12	12	155.18>NNL WOLSELEY	1.1 N OF S/C	RECONNECT SERVICE
112 CANORA ST	12	12	0.85>NNL HSE	2.6 N OF S/C	SHARED W/119 & 117
113 CANORA ST	12	12	149.40>NNL WOLSELEY	2.6 N OF S/C	SHARED W/119 & 117
114 CANORA ST	12	12	1.82>NNL HSE	1.1 N OF S/C	RECONNECT SERVICE
115 CANORA ST	12	12	109.70>NNL WESTMINSTER	OPP S/C	RECONNECT SERVICE
116 CANORA ST	12	12	91.28>NNL WESTMINSTER	OPP S/C	RECONNECT SERVICE
117 CANORA ST	12	12	3.02>NNL HSE	OPP S/C	RECONNECT SERVICE
118 CANORA ST	12	12	113.56>NNL WESTMINSTER	OPP S/C	RECONNECT SERVICE
119 CANORA ST	12	12	1.02>NNL HSE	0.8 S OF S/C	RECONNECT SERVICE
120 CANORA ST	12	12	102.16>NNL WESTMINSTER	0.8 S OF S/C	RECONNECT SERVICE
121 CANORA ST	12	12	2.48>NNL HSE	0.3 N OF S/C	RENEW TO E W/20 COPPER
122 CANORA ST	12	12	80.61>NNL WESTMINSTER	1.2 S OF S/C	RENEW TO E W/20 COPPER
123 CANORA ST	12	12	4.08>NNL HSE	1.2 S OF S/C	RENEW TO E W/20 COPPER
124 CANORA ST	12	12	90.55>NNL WESTMINSTER	10.3 S OF S/C	RENEW TO E W/20 COPPER
125 CANORA ST	12	12	4.80>NNL HSE	0.4 S OF S/C	RENEW TO E W/20 COPPER
126 CANORA ST	12	12	69.13>NNL WESTMINSTER	0.6 S OF S/C	RECONNECT SERVICE
127 CANORA ST	12	12	3.51>NNL HSE	0.4 S OF S/C	RENEW TO E W/20 COPPER
128 CANORA ST	12	12	77.18>NNL WESTMINSTER	0.6 S OF S/C	RECONNECT SERVICE
129 CANORA ST	12	12	3.20>NNL HSE	0.4 S OF S/C	RECONNECT SERVICE
130 CANORA ST	12	12	53.09>NNL WESTMINSTER	3.5 N OF S/C	RENEW TO E W/20 COPPER
131 CANORA ST	12	12	4.85>NNL HSE	5.1 N OF S/C	RENEW TO E W/20 COPPER
132 CANORA ST	12	12	66.74>NNL WESTMINSTER	1.0 N OF S/C	RECONNECT SERVICE
133 CANORA ST	12	12	38.41>NNL WESTMINSTER	0.6 N OF S/C	RECONNECT SERVICE
134 CANORA ST	12	12	1.27>NNL HSE	0.3 N OF S/C	RENEW TO E W/20 COPPER
135 CANORA ST	12	12	34.73>NNL WESTMINSTER	0.3 N OF S/C	RECONNECT SERVICE
136 CANORA ST	12	12	3.71>NNL HSE	0.3 N OF S/C	RECONNECT SERVICE
137 CANORA ST	12	12	19.24>NNL WESTMINSTER	0.3 N OF S/C	RECONNECT SERVICE
138 CANORA ST	12	12	3.75>NNL HSE	0.3 N OF S/C	RECONNECT SERVICE
139 CANORA ST	12	12	16.52>NNL WESTMINSTER	0.9 N OF S/C	RECONNECT SERVICE
140 CANORA ST	12	12	4.04>NNL HSE	0.9 N OF S/C	RECONNECT SERVICE
141 CANORA ST	12	12	5.72>NNL WESTMINSTER	1.2 E OF S/C	SERV. OFF CANORA
142 WOLSELEY AVE	12	20	1.86>NNL HSE	1.2 E OF S/C	RENEW TO E W/20 COPPER
143 WOLSELEY AVE	12	20	2.73>NNL CANORA	0.7 W OF S/C	SERV. OFF CANORA
144 WOLSELEY AVE	12	20	11.93>NNL HSE	0.7 W OF S/C	SERV. OFF CANORA
145 WOLSELEY AVE	12	20	16.50>NNL CANORA	0.8 S OF S/C	SERV. OFF CANORA
146 WOLSELEY AVE	12	20	0.80>NNL HSE	0.8 S OF S/C	RENEW TO E W/20 COPPER
147 WOLSELEY AVE	12	20	14.92>NNL WOLSELEY	1.0 N OF S/C	RENEW TO E W/20 COPPER
148 WOLSELEY AVE	12	20	5.06>NNL HSE	1.0 N OF S/C	SERV. OFF CANORA
149 WOLSELEY AVE	12	20	11.71>NNL WOLSELEY	1.0 N OF S/C	RENEW TO E W/20 COPPER

\* SERVICES TO BE RENEWED TO E UPON CONFIRMATION BY THE CONTRACTOR OF EXISTING LEAD SERVICE. OBTAIN APPROVAL FROM CONTRACT ADMINISTRATOR PRIOR TO RENEWAL.

- CONSTRUCTION NOTES**
1. EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
  2. CONFIRM LOCATION OF ALL SERVICES IN THE FIELD.
  3. INSTALL WATERMAIN BY TRENCHLESS METHODS.
  4. TRENCHES AND EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
  5. ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
  6. MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.4 m.
  7. REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATERMAIN TO E.
  8. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

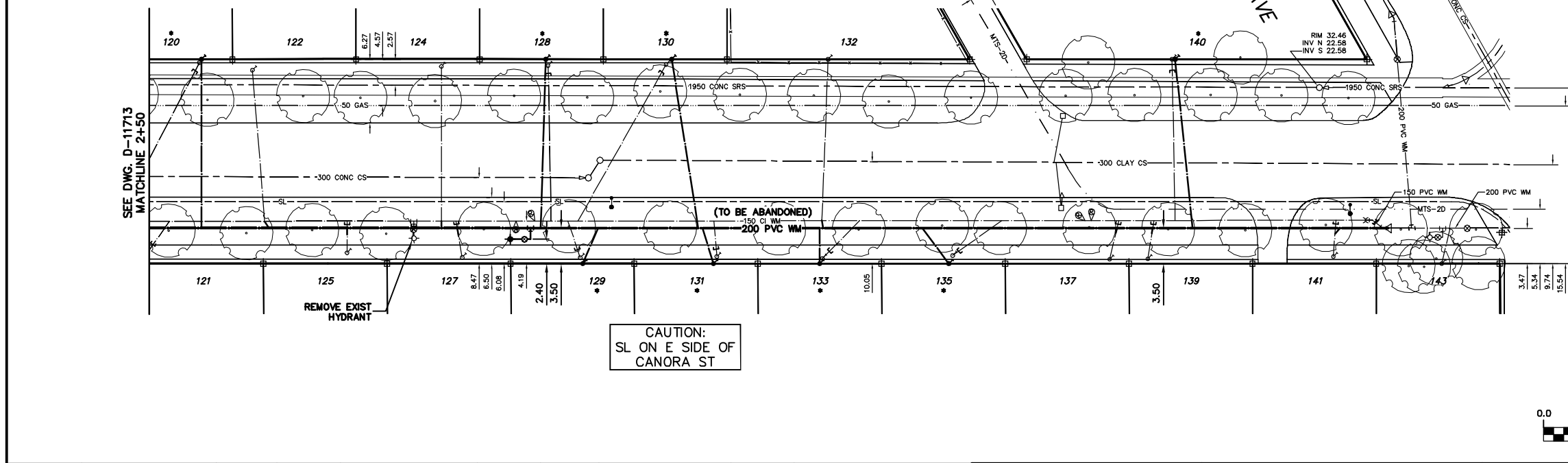


**WARNING**

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



200 WM	WATERMAIN	200 WM	SL, HYDRO	150 WM	WATERMAIN	150 WM
+	HYDRANT	+	MTS	+	HYDRANT	+
⊙	VALVE	⊙	TRAFFIC SIGNALS	⊙	VALVE	⊙
525 LDS	LAND DRAINAGE SEWER	525 LDS	GAS	50 GAS	300 LDS	LAND DRAINAGE SEWER
375 WWS	WASTEWATER SEWER	375 WWS	SURVEY BAR	250 WWS	WASTEWATER SEWER	250 WWS
○	MANHOLE	○	FENCE	⊕	PROFILE	⊕
□	CATCH BASIN	□	POLE - HYDRO, MTS	=====	GROUND ABOVE PIPE	=====
▽	CURB INLET	▽	CURB STOP	⊕	E DITCH (NORTH & WEST)	⊕
∇	REDUCER	∇	GUY ANCHOR	⊕	E DITCH (SOUTH & EAST)	⊕
X	COUPLER	X	LIGHT STANDARD	⊕	GUTTER (NORTH & WEST)	⊕
⊕	ANODE	⊕	TREE	⊕	GUTTER (SOUTH & EAST)	⊕
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING
EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING

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 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.	FIELD BOOK #:
POSTED TO LBS	
NO.	REVISIONS
DATE	BY

**CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION**

DESIGNED BY: DB      CHECKED BY: NC

DRAWN BY: C/JH      APPROVED BY: KZ

HOR. SCALE: 1:250      RELEASED FOR CONSTRUCTION

VERTICAL: 1:50

DATE: 2009 03 10

ENGINEER'S SEAL

ORIGINAL SIGNED BY K.R. ZUREK 09/03/10

BID OPPORTUNITY 181-2009  
FILENAME: D-11714.dwg  
PLOT DATE: 2009 03 10

**THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT**

2009 WATERMAIN RENEWALS CONTRACT 3

**CANORA STREET**  
150 N OF WOLSELEY AVENUE TO WESTMINSTER AVENUE

SHEET 8 OF 10  
CITY DRAWING NUMBER: D-11714