

- CONSTRUCTION NOTES**
1. EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
 2. LOCATION OF ALL SERVICES TO BE CONFIRMED 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 R.
 8. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

NOTE: CHAINAGES SHOWN ARE ALONG S. R. OF CLIFTON ST.

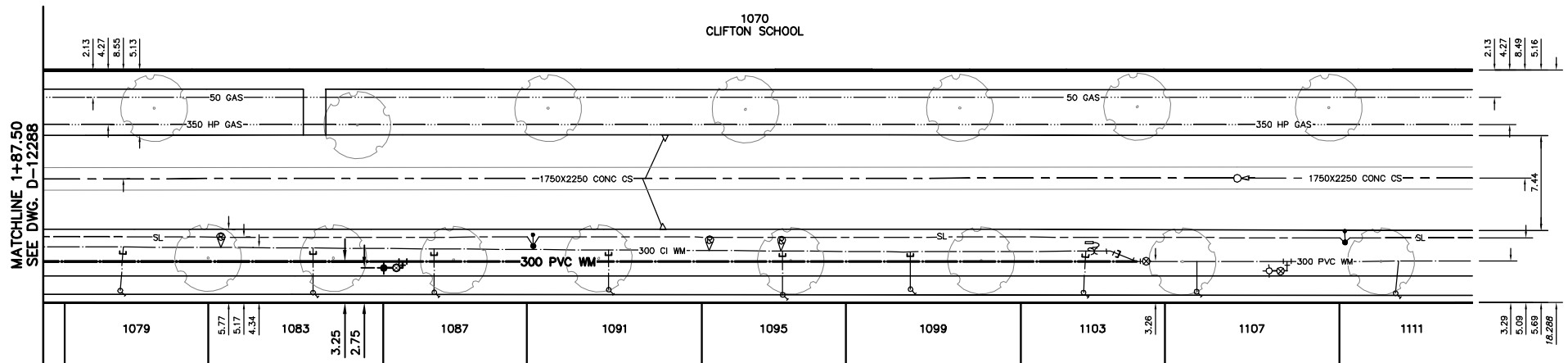
CLIFTON STREET (NORTH)



WATER SERVICE INFORMATION

ADDRESS	SIZE(mm) & TYPE (STREET)	SIZE(mm) & TYPE (PROP.)	SHORT & LONG MEASUREMENT	CORP. LOCATION	REMARKS
1079 CLIFTON ST	20 COPPER	20 COPPER	5.65 SNHL	0.3 N OF S/C	
1083 CLIFTON ST	20 COPPER	20 COPPER	93.06 NNL SARGENT	OPP OF S/C	
1087 CLIFTON ST	20 COPPER	20 COPPER	108.3 NNL SARGENT	OPP OF S/C	
1091 CLIFTON ST	20 COPPER	20 COPPER	5.81 SNHL	OPP OF S/C	
1095 CLIFTON ST	20 COPPER	20 COPPER	117.81 NNL SARGENT	OPP OF S/C	
1099 CLIFTON ST	20 COPPER	20 COPPER	4.04 NSHL	OPP OF S/C	
1103 CLIFTON ST	20 COPPER	20 COPPER	131.50 NNL SARGENT	OPP OF S/C	
1107 CLIFTON ST	20 COPPER	20 COPPER	2.97 NSHL	OPP OF S/C	
1111 CLIFTON ST	20 COPPER	20 COPPER	128.41 SNL CLIFTON PL	OPP OF S/C	
1115 CLIFTON ST	20 COPPER	20 COPPER	2.47 NSHL	OPP OF S/C	
1119 CLIFTON ST	20 COPPER	20 COPPER	116.48 SNL CLIFTON PL	OPP OF S/C	
1123 CLIFTON ST	20 COPPER	20 COPPER	2.28 NSHL	OPP OF S/C	
1127 CLIFTON ST	20 COPPER	20 COPPER	102.86 SNL CLIFTON PL	0.5 N OF S/C	
1131 CLIFTON ST	20 COPPER	20 COPPER	0.71 NSHL	OPP OF S/C	
1135 CLIFTON ST	20 COPPER	20 COPPER	93.44 SNL CLIFTON PL	OPP OF S/C	

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

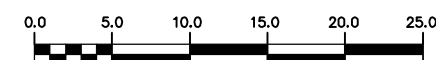


METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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

NOTE: ALL VALVES TO BE INSTALLED COUNTERCLOCKWISE TO CLOSE



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	300 LDS	LAND DRAINAGE SEWER	300 LDS
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	⊕	G DITCH (NORTH & WEST)	⊕
⊟	REDUCER	⊠	GUY ANCHOR	⊕	G DITCH (SOUTH & EAST)	⊕
⊗	COUPLER	⊘	LIGHT STANDARD	⊕	GUTTER (NORTH & WEST)	⊕
⊗	ANODE	⊘	TREE	⊕	GUTTER (SOUTH & EAST)	⊕
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	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 #	CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION	DESIGNED BY: RC CHECKED BY: SC DRAWN BY: CJH APPROVED BY: KZ HOR. SCALE: 1:250 VERTICAL: 1:50 DATE: 2011 01 17 RELEASED FOR CONSTRUCTION:
POSTED TO LBIS			
NO. REVISIONS	DATE	BY	

Winnipeg THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2011 WATERMAIN RENEWALS CONTRACT 2

CLIFTON STREET (NORTH)
87.50 N OF SARGENT AVENUE TO 200 N OF SARGENT AVENUE

SHEET 7 OF 12
CITY DRAWING NUMBER
D-12289

ENGINEER'S SEAL
ORIGINAL SIGNED BY R.W. CARROL 11/01/18
BID OPPORTUNITY: 11-2011
FILENAME: D-12289.dwg
PLOT DATE: 2011 01 19