

**SEWER JUNCTION INFORMATION FOR SEWER ID MA50001027**  
REFERENCE: METRES NORTH OF MH50000893

DIST. FROM REF. MANHOLE	JUNCTION DIAMETER	CLOCK REFERENCE	SERVICE TYPE	DESCRIPTION
4.2	100	2	CN	
22.8	100	2	CN	
41.3	100	2	CN	
53.9	100	2	CN	
68.7	100	2	CN	
83.3	100	2	CN	

**SEWER SERVICE INFORMATION**

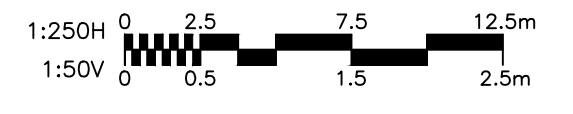
ADDRESS	SIZE	PROPERTY LINE LOCATION	JUNCTION LOCATION
170 CLIFFWOOD RESIDENTIAL	NO INFO AVAILABLE	NO INFO AVAILABLE	NO INFO AVAILABLE
174 CLIFFWOOD RESIDENTIAL	NO INFO AVAILABLE	NO INFO AVAILABLE	NO INFO AVAILABLE
178 CLIFFWOOD RESIDENTIAL	NO INFO AVAILABLE	NO INFO AVAILABLE	NO INFO AVAILABLE
182 CLIFFWOOD RESIDENTIAL	NO INFO AVAILABLE	NO INFO AVAILABLE	NO INFO AVAILABLE
186 CLIFFWOOD RESIDENTIAL	NO INFO AVAILABLE	NO INFO AVAILABLE	NO INFO AVAILABLE

**WATER SERVICE INFORMATION**

ADDRESS	SIZE (mm) & TYPE (STREET)	DIST TO PROP	SHORT & LONG MEASUREMENT	CORP MEASUREMENT
170 CLIFFWOOD RESIDENTIAL	19 COPPER	NO INFO AVAILABLE	3.7 LR COR. OF HSE 25.3 S/HYDRANT	OPP. S/C
174 CLIFFWOOD RESIDENTIAL	19 COPPER	NO INFO AVAILABLE	0.92 LR COR. OF HSE 7.62 N/HYDRANT	OPP. S/C
178 CLIFFWOOD RESIDENTIAL	19 COPPER	NO INFO AVAILABLE	0.49 LR COR. OF HSE 4.8 FROM CURB	OPP. S/C
182 CLIFFWOOD RESIDENTIAL	UNKNOWN	NO INFO AVAILABLE	1.2 RL COR. OF HSE 5.2 FROM CURB	UNKNOWN
186 CLIFFWOOD RESIDENTIAL	19 COPPER	NO INFO AVAILABLE	10.4 LR COR. OF HSE 5.4 FROM CURB	OPP. S/C

**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 140/92 FOR DETAILS



**BENCH MARK:** 84R765 - W. side Cliffwood Dr. & Capston Rd., Tblt. on top of 0.05 m dia. x 2.4 m iron pipe on C.L. of Conc. Pav't. on Capston Rd. produced from the E. & 8.5 m W. of C.L. Conc. Pav't. on Cliffwood Dr., or 12.2 m S. of N.L. of Capston Rd. & 0.6 m E. of W.L.

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
150 WM	WATERMAIN	150 WM	CONNECTION	X	150 WM	WATERMAIN	150 WM	CONNECTION
Hydrant	HYDRANT	Hydrant	JUNCTIONS	+	300 LDS	LAND DRAINAGE SEWER	300 LDS	JUNCTIONS
Valve	VALVE	Valve	GAS	---	300 SRS	STORM RELIEF SEWER	300 SRS	GAS
300 LDS	LAND DRAINAGE SEWER	300 LDS	HYDRO	---	300 CS	COMBINED SEWER	300 CS	HYDRO
300 SRS	STORM RELIEF SEWER	300 SRS	M.T.S.	---	250 WWS	WASTE WATER SEWER	250 WWS	M.T.S.
300 CS	COMBINED SEWER	300 CS	TRAFFIC SIGNALS	+	250 WM	WATERMAIN	250 WM	TRAFFIC SIGNALS
250 WWS	WASTE WATER SEWER	250 WWS	PROPERTY LINE	---	250 WM	WATERMAIN	250 WM	PROPERTY LINE
Manhole	MANHOLE	Manhole	SURVEY BAR	+	250 WM	WATERMAIN	250 WM	SURVEY BAR
Catch Basin	CATCH BASIN	Catch Basin	STREET LIGHT	+	250 WM	WATERMAIN	250 WM	STREET LIGHT
Curb Inlet	CURB INLET	Curb Inlet	REDUCER	+	250 WM	WATERMAIN	250 WM	REDUCER
Plug	PLUG	Plug	SIGN	+	250 WM	WATERMAIN	250 WM	SIGN

**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 ALL EXISTING UTILITIES ARE SHOWN OR 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.

NO.	REVISIONS	DATE	BY

**Stantec Consulting Ltd.**  
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DESIGNED BY: J.C. CHECKED BY: W.W.B.  
DRAWN BY: W.A. APPROVED BY: H.A.K.

HOR. SCALE: 1:250  
VERTICAL: 1:50

RELEASED FOR CONSTRUCTION: DATE

ENGINEER'S SEAL

CONSULTANT DRAWING NO. C-202

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

**2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS CONTRACT 18**  
CLIFFWOOD DRIVE (EAST LEG) - MH AT DAYTON DR TO MH AT NEWCROFT RD  
250 WWS RENEWAL

SHEET 4 OF 58  
CAD FILE DRAWING NUMBER 13090C-202-768.dwg  
CITY DRAWING NUMBER 9714

BID OPPORTUNITY NO. 911-2011

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