

**CONSTRUCTION NOTES:**

1. INSTALL SEWER BY TRENCHLESS METHODS.
2. CONFIRM THE LOCATION OF ALL SEWER SERVICES PRIOR TO CONSTRUCTION.
3. BACKFILL WITHIN 1.0 OF PAVEMENT TO BE CLASS 3.
4. MAINTAIN A MINIMUM SLOPE OF 1% WHERE POSSIBLE FOR ALL SEWER SERVICES.

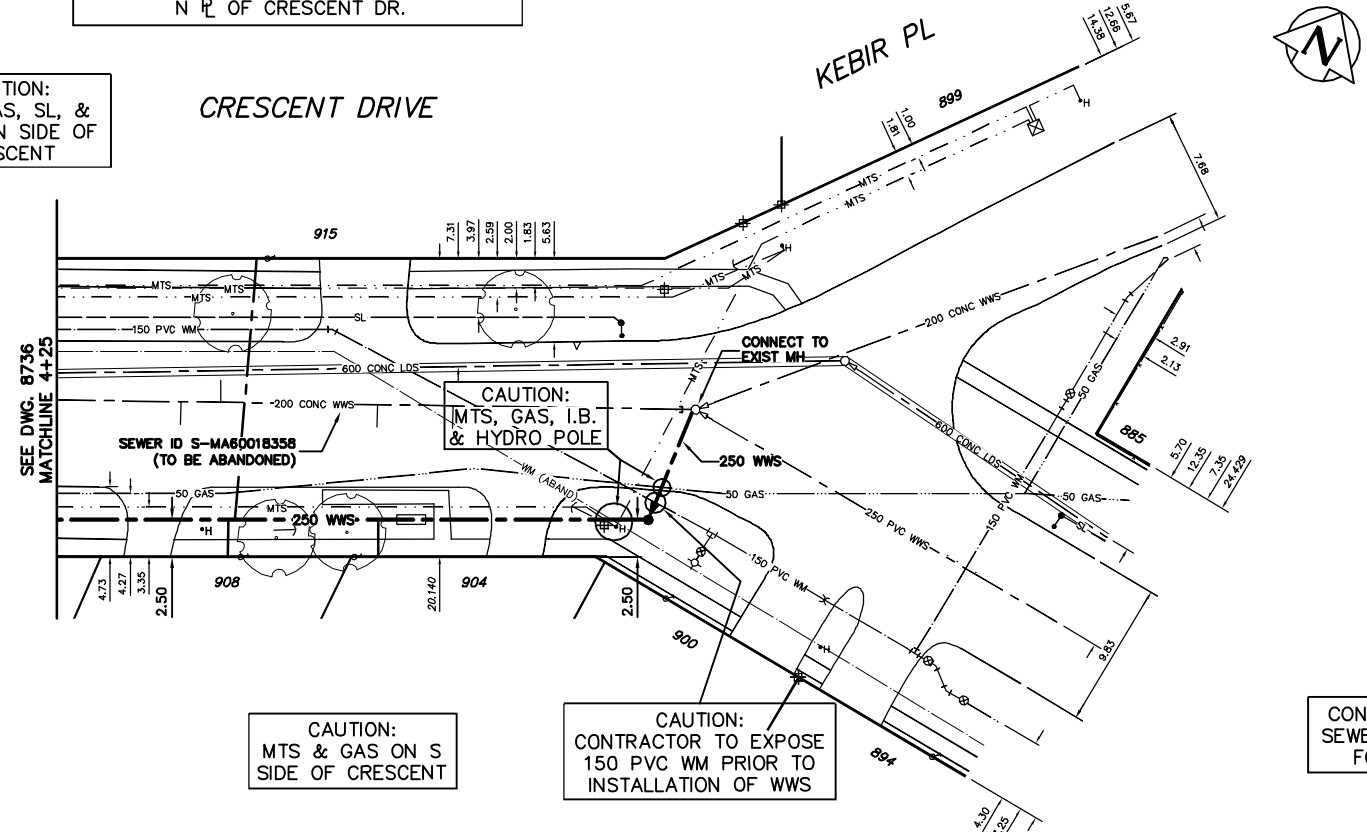
SEWER SERVICE INFORMATION		
ADDRESS	SIZE	R. DIST JUNCTION TIE
900 CRESCENT DR RESIDENTIAL	-	-
904 CRESCENT DR RESIDENTIAL	-	-
908 CRESCENT DR RESIDENTIAL	-	-
915 CRESCENT DR RESIDENTIAL	-	-
916 CRESCENT DR RESIDENTIAL	-	-
919 CRESCENT DR RESIDENTIAL	-	-
922 CRESCENT DR RESIDENTIAL	-	-
923 CRESCENT DR RESIDENTIAL	-	-
926 CRESCENT DR RESIDENTIAL	-	-
927 CRESCENT DR RESIDENTIAL	-	-
931 CRESCENT DR RESIDENTIAL	-	-
934 CRESCENT DR RESIDENTIAL	-	-
935 CRESCENT DR RESIDENTIAL	-	-
936 CRESCENT DR RESIDENTIAL	-	-
941 CRESCENT DR RESIDENTIAL	-	-
943 CRESCENT DR RESIDENTIAL	-	-
947 CRESCENT DR RESIDENTIAL	-	-
948 CRESCENT DR RESIDENTIAL	-	-

**WATER SERVICE INFORMATION**

ADDRESS	SIZE(mm) & TYPE (STREET)	SIZE(mm) & TYPE (PROP)	SHORT & LONG MEASUREMENT	CORP. LOCATION
900 CRESCENT DR RESIDENTIAL	-	25 COPPER	3.37 SNL HSE	-
904 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	4.53 SSL CRESENT	-
908 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	2.0 WEL HSE	7.0 E S/C
915 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	16.38 WML CRESENT	-
916 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	3.05 EEL HSE	17.02 E S/C
919 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	24.04 WML CRESENT	-
919 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	7.21 WEL HSE	0.97 W S/C
919 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	19.12 EEL NESBITT	-
919 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	3.49 EEL HSE	9.14 E S/C
919 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	2.22 WEL NESBITT	-
922 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	17.81 WML NESBITT	1.50 E S/C
922 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	2.31 WEL HSE	0.47 E S/C
923 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	17.44 WML NESBITT	-
923 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	2.05 EWL HSE	0.51 E S/C
926 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	35.97 WML NESBITT	-
926 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	4.53 WEL HSE	29.78 W S/C
927 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	41.18 WML NESBITT	-
927 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	2.79 EWL HSE	1.02 E S/C
927 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	50.06 WML NESBITT	-
931 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	3.45 WEL HSE	OPP S/C
934 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	44.27 EEL RIVERIA	-
934 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	1.97 WEL HSE	3.16 W S/C
935 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	32.73 EEL RIVERIA	-
935 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	4.72 WEL HSE	OPP S/C
936 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	33.79 EEL RIVERIA	-
936 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	OPP WML	6.53 W S/C
941 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	9.44 EEL RIVERIA	-
941 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	2.03 EWL HSE	2.02 E S/C
943 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	10.76 EEL RIVERIA	-
943 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	5.29 WEL HSE	1.13 E S/C
947 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	0.53 EEL RIVERIA	-
947 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	3.03 EWL HSE	-
948 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	5.98 WML RIVERIA	-
948 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	3.27 WEL HSE	-
948 CRESCENT DR RESIDENTIAL	20 COPPER	20 COPPER	5.98 WML RIVERIA	-

NOTE: CHAINAGES SHOWN ARE ALONG N R OF CRESCENT DR.

CAUTION: MTS, GAS, SL, & WM ON N SIDE OF CRESCENT



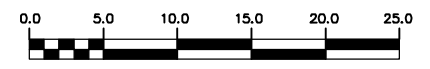
**SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION S-MA60018358**

DISTANCE FROM MH S-MH60015879

16.4 W	150Ø	SOUTH	CX
21.5 W	150Ø	SOUTH	CN
32.1 W	150Ø	NORTH	CN
34.8 W	150Ø	SOUTH	CN

**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



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

**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

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

DESIGNED BY: NC  
CHECKED BY: NC

DRAWN BY: C/JH  
APPROVED BY: KZ

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

DATE: 2008 12 03

ENGINEER'S SEAL

ORIGINAL SIGNED BY K.R. ZUREK  
08/12/04

BID OPPORTUNITY: 858-2008  
FILENAME: Crescent.dwg  
PLOT DATE: 2008 12 04

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

2008 SEWER RENEWALS CONTRACT 33  
**CRESCENT DRIVE**  
MH AT KEBIR PLACE TO MH AT WML NESBITT BAY

SHEET 1 OF 7  
CITY DRAWING NUMBER  
**8735**