

**CONSTRUCTION NOTES:**

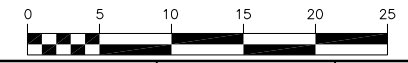
- CONTRACTOR SHALL TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO EXISTING BOULEVARDS AND TREES WITHIN THE LIMITS OF CONSTRUCTION.
- SEWER AND SEWER SERVICES TO BE INSTALLED BY TRENCHLESS METHODS UNLESS OTHERWISE SPECIFIED.
- LOCATION OF EXISTING UTILITIES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
- LIMITS OF SIDEWALK RENEWALS TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
- BOULEVARD REPLACEMENT TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
- CONTRACTOR TO PLUG ANY ABANDONED PIPES THAT ARE BROKEN DURING CONSTRUCTION.
- TRENCHES & EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
- BACKFILL IN BOULEVARD TO BE CLASS 5.
- CB LEADS TO BE INSTALLED AT MIN. 1.0% SLOPE OR AS DIRECTED BY CONTRACT ADMINISTRATOR.
- CONTRACTOR TO CONFIRM THE NUMBER AND LOCATION OF SEWER SERVICES TO BE RECONNECTED.

SEWER SERVICE INFORMATION (S-MA60013312) *	
DISTANCE FROM MH @ WILDWOOD F PK S LEG (S-MH60011453)	
2.4 N	SERVICE CONNECTION W
10.0 N	SERVICE CONNECTION E
28.6 N	SERVICE CONNECTION W
30.8 N	SERVICE CONNECTION E
42.5 N	SERVICE CONNECTION E
43.9 N	SERVICE CONNECTION W
60.0 N	SERVICE CONNECTION E
60.7 N	SERVICE CONNECTION W

\* - INFORMATION FROM SEWER VIDEO INSPECTION

- GENERAL NOTES**
- CONTRACTOR TO VERIFY LIMITS OF SEWER REPAIRS PRIOR TO EXCAVATION BY MEANS OF VIDEO INSPECTION.
  - CONTRACTOR TO ASSIST WITH VISUAL INSPECTION OF EXISTING SERVICES TO DETERMINE IF SERVICE RENEWAL IS REQUIRED.

**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES



150 mm W.M.	150 mm W.M.	150 mm W.M.	HYDRO	150 mm W.M.	150 mm W.M.	150 mm W.M.
⊕	HYDRANT	⊕	M.T.S.	⊕	HYDRANT	⊕
⊗	VALVE	⊗	CONCRETE	⊗	VALVE	⊗
300 mm L.D.S.	LAND DRAINAGE SEWER	300 mm L.D.S.	ASPHALT	300 mm L.D.S.	LAND DRAINAGE SEWER	300 mm L.D.S.
250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.	PROPERTY LINE	250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.
○	MANHOLE	⊕	SURVEY BAR	⊕	Q PROFILE	⊕
□	CATCH BASIN	⊕	SERVICE VALVE	⊕	NORTH/WEST GUTTER	⊕
▽	CURB INLET	⊕	TREE	⊕	SOUTH/EAST GUTTER	⊕
⊕	JUNCTIONS	⊕	LIGHT STANDARD	⊕		
⊕	CULVERT	⊕	FENCE	⊕		
⊕	GAS	⊕	GUY ANCHOR	⊕		
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING
EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING

UNDERGROUND STRUCTURES		B.M. 64-016 ELEV. 230.655	DESIGNED BY C.L.P.
SUPV. U/G STRUCTURES COMMITTEE			DRAWN BY A.J.P.
DATE			CHECKED BY S.C.C.
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.			APPROVED BY D.P.K.
			HOR. SCALE 1:500
			VERTICAL
			RELEASED FOR CONSTRUCTION
			DATE
			NO. REVISIONS
			DATE
			BY
			DATE
			DATE

**DILLON CONSULTING**

ENGINEER'S SEAL  
D.P. KRAHN  
1807408  
Member 4226  
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NO.  
09-1893-2000

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

2009 SEWER RENEWALS AND REPAIRS, CONTRACT 19  
WILDWOOD F PK (E.LEG)  
MH AT WILDWOOD F PK (S.LEG)  
TO MH AT OAKENWALD AV

CITY DRAWING NUMBER  
9106  
SHEET 21 OF 25

BID OPPORTUNITY  
658-2009