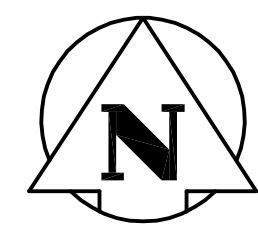


ADDRESS AND SERVICE	SIZE (mm) & TYPE (STREET)	STOP COCK SHORT & LONG MEASUREMENT (m)	CORPORATION LOCATION
131 LAKE PARK DRIVE RESIDENTIAL	19 COPPER	7.11 NSLL 10.25 SSL OF VERMILLION RD	N/A
132 LAKE PARK DRIVE RESIDENTIAL	19 COPPER	7.63 SNLL 7.63 SSL OF VERMILLION RD	N/A

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

Bench Mark S. side Vermillion Rd. in median of Beaverhill Blvd. Tibt. on top of 0.05 m dia. x 2.4 m iron pipe, 4.3 m W. of C.L. Conc. Pav't. of N. bound traffic lanes on Beaverhill Blvd. & 12.4 m S. of C.L. Conc. Pav't. on Vermillion Rd., or 16.8 m E. of W.L. of Beaverhill Blvd. produced from the N. & on the E.L. of Vermillion Rd. produced from the W.



**APEGM**  
Certificate of Authorization  
Stantec Consulting Ltd.  
No. 1301 Expiry: April 30, 2006

**WARNING**

- IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
  - TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
- SEE PROVINCIAL REGULATION 140/92 FOR DETAILS

**METRIC**

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
150 WM	WATERMAIN	150 WM	HYDRO	HYDRANT	150 WM	WATERMAIN	HYDRANT, VALVE	150 WM
300 LBS	LAND DRAINAGE SEWER	300 LBS	CONCRETE	VALVE	300 LBS	LAND DRAINAGE SEWER	CONCRETE	300 LBS
250 WWS	WASTE WATER SEWER	250 WWS	ASPHALT	MANHOLE	250 WWS	WASTE WATER SEWER	ASPHALT	250 WWS
			SIDEWALK	CATCH BASIN		EX. GROUND PROFILE	SIDEWALK	
			PROPERTY LINE	CURB INLET			PROPERTY LINE	
			SURVEY BAR	JUNCTIONS			SURVEY BAR	
			DITCH	SIGN			DITCH	
			ELEVATION	GAS			ELEVATION	
			CURB STOP				CURB STOP	
			ANODE				ANODE	

**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.

B.M. 55-034  
ELEV. 232.985m

NO.	REVISIONS	DATE	BY
1.	ISSUED FOR TENDER	05.06.23	C.L.D.

**Stantec Consulting Ltd.**  
905 Waverley Street, Winnipeg, Manitoba  
Tel 204-489-5900 Fax 204-453-9012

DESIGNED BY	J.H.	CHECKED BY	C.L.D./W.B.
DRAWN BY	R.M.	APPROVED BY	C.L.D.
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION:	K. ZUREK P. ENG.
VERTICAL:	1:50	DATE	06.23.05

ENGINEER'S SEAL  
ORIGINAL SEALED BY  
C.L. DYCK  
P. ENG.  
06/23/05  
CONSULTANT DRAWING NO.  
**CW-57-614**

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

**2005 WATERMAIN RENEWALS**  
**VERMILLION ROAD**  
9m EAST OF BONAVISTA PLACE TO EAST LEG OF LAKE PARK DRIVE  
STA. 2+00 TO STA. 3+00

SHEET	OF
12	15
CAD FILE DRAWING NUMBER 11120860-C106.DWG	
CITY DRAWING NUMBER <b>D-8790</b>	

I:\Projects\2005\11120860\11120860.dwg  
 2005-06-23 03:55PM  
 6505 CW-57-614-0106.dwg  
 2005-06-23 03:55PM  
 6505 CW-57-614-0106.dwg