



- CONSTRUCTION NOTES:**
1. EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
  2. CONFIRM LOCATION OF ALL SERVICES 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 SHALL BE 2.4m.
  7. REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATERMAIN TO PL.
  8. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

ADDRESS AND SERVICE	SIZE (mm) & TYPE (STREET)	STOP COCK SHORT & LONG MEASUREMENT (m)	CORPORATION LOCATION
250 LAKEWOOD BLVD COMMERCIAL	100 PVC	11.95 N. OF VALVE AT TAMARAC 11.06 NNL OF TAMARAC	N/A
227 LAKEWOOD BLVD COMMERCIAL	38 COPPER	18.09 NNL OF WILLOWLAKE CRES 7.32 N HYD @ LAKEWOOD AND WILLOWLAKE	N/A
2 BURNTWOOD CRESCENT RESIDENTIAL	19 COPPER	7.64 RLHL 10.33 EEL OF LAKEWOOD	N/A
3 BURNTWOOD CRESCENT RESIDENTIAL	19 COPPER	6.01 RLHL 9.77 EEL OF LAKEWOOD	N/A

Bench Mark N. side Beaverhill Blvd., E. of Lakewood Blvd. Toll in E. Conc. foundation No. 584 Beaverhill Blvd., 3.5 m. & 0.4 m below stucco of most Ely. & S. Cor. of dwelling.

**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

**METRIC**

WHOLE NUMBERS INDICATE MILLIMETRES  
 DECIMALIZED NUMBERS INDICATE METRES

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
+	WATERMAIN HYDRANT	+	---	HYDRO M.T.S.	---	+	WATERMAIN HYDRANT, VALVE	+
o	VALVE	o	---	CONCRETE	---	+	LAND DRAINAGE SEWER	+
o	LAND DRAINAGE SEWER	o	---	ASPHALT	---	+	WASTE WATER SEWER	+
o	WASTE WATER SEWER	o	---	SIDEWALK	---	+	EX. GROUND PROFILE	+
o	MANHOLE	o	---	PROPERTY LINE	---	+	NORTH OR WEST GUTTER	+
o	CATCH BASIN	o	---	SURVEY BAR	---	+	SOUTH OR EAST GUTTER	+
o	CURB INLET	o	---	DITCH	---	+	NORTH OR WEST IP	+
o	JUNCTIONS	o	---	ELEVATION	---	+	SOUTH OR EAST IP	+
o	SIGN	o	---	CURB STOP	---	+	NORTH OR WEST DITCH	+
o	GAS	o	---	ANODE	---	+	SOUTH OR EAST DITCH	+

**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.

**Stantec Consulting Ltd.**  
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 Tel 204-489-5900 Fax 204-453-9012

DESIGNED BY	CHECKED BY
J.H.	C.L.D./W.B.
DRAWN BY	APPROVED BY
K.R.	C.L.D.

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

**RELEASED FOR CONSTRUCTION:**  
 K. ZUREK P. ENG.  
 DATE 06.23.05

**ENGINEER'S SEAL**

ORIGINAL SEALED BY  
 C.L. DYCK  
 P. ENG.  
 06/23/05

**CONSULTANT DRAWING NO.**  
 CW-51-614

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

**2005 WATERMAIN RENEWALS**  
**LAKEWOOD BOULEVARD**  
 TAMARAC BAY TO WILLOWLAKE CRESCENT  
 STA. 1+00 TO 2+35

**Winnipeg**

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

**LEGEND-PLAN**

EXISTING	LEGEND-PLAN	PROPOSED
+	WATERMAIN HYDRANT	+
o	VALVE	o
o	LAND DRAINAGE SEWER	o
o	WASTE WATER SEWER	o
o	MANHOLE	o
o	CATCH BASIN	o
o	CURB INLET	o
o	JUNCTIONS	o
o	SIGN	o
o	GAS	o

**LEGEND-PROFILE**

EXISTING	LEGEND-PROFILE	PROPOSED
---	HYDRO M.T.S.	---
---	CONCRETE	---
---	ASPHALT	---
---	SIDEWALK	---
---	PROPERTY LINE	---
---	SURVEY BAR	---
---	DITCH	---
---	ELEVATION	---
---	CURB STOP	---
---	ANODE	---
---	NORTH OR WEST GUTTER	---
---	SOUTH OR EAST GUTTER	---
---	NORTH OR WEST IP	---
---	SOUTH OR EAST IP	---
---	NORTH OR WEST DITCH	---
---	SOUTH OR EAST DITCH	---

**NO. REVISIONS**

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

**SHEET 7 OF 15**  
**CAD FILE DRAWING NUMBER**  
 III208260-C103.dwg  
**CITY DRAWING NUMBER**  
 D-8820

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 2005-06-23 09:00 AM  
 P. ENG.