



| SEWER SERVICE INFORMATION | | | | | | | |
|---------------------------|------|---------------------|----------------------|---------|--|--|--|
| ADDRESS | SIZE | PL TIE (SHORT/LC | JUNCTION TIE DNG) | REMARKS | | | |
| 167 LOMBARD AVE | | - | | NO INFO | | | |
| 177 LOMBARD AVE | | | | NO INFO | | | |
| 170 McDERMOT AVE | | | | NO INFO | | | |

| WATER SERVICE INFORMATION | | | | | | | |
|---------------------------|-------------|--------|-------------------|-----------------|------------|-----------------------|--|
| ADDRESS | DISTANCE TO | SIZE & | SHORT & LONG | CORPORATION | CATHODIC | REMARKS | |
| | PROPERTY | TYPE | <u>MEASURMENT</u> | <u>LOCATION</u> | PROTECTION | | |
| 167 LOMBARD AVE | | 150 | 27.40 SNBL | OPP VALVE | | SERVICE RENEWED TO PL | |
| (COMMERCIAL) | | PVC | 37.94 NNL LOMBARD | | | W/ 150 PVC | |
| 177 LOMBARD AVE | | 150 | 9.45 SNL | OPP VALVE | | SERVICE RENEWED TO PL | |
| (COMMERCIAL) | | PVC | 20.52 NNL LOMBARD | | | W/ 150 PVC | |
| 170 McDERMOT AVE | | | | | | NO INFO | |
| | | | | | | | |

SEWER JUNCTION INFORMATION REF. MH* DIST FROM* SIZE* CLOCK AT*

| INET . IVIII | DISTINON | SIZL | CLOCK AT |
|----------------|--------------|-------|------------|
| | REF. MH | | |
| S-MH20014677 | 20.50 | 150Ø | 03 |
| S-MH20014677 | 21.20 | 150Ø | 10 |
| S-MH20014677 | 29.20 | 150Ø | 10 |
| S-MH20014677 | 32.90 | 150Ø | 02 |
| S-MH20014677 | 33.50 | 150Ø | 10 |
| S-MH20014677 | 33.70 | 150Ø | 02 |
| S-MH20014677 | 34.30 | 150Ø | 10 |
| *JUNCTION INFO | RMATION FROM | VIDEO | INSPECTION |
| | | | |

CONSTRUCTION NOTES:

- 1. INSTALL NEW SEWER BY TRENCHLESS METHODS.
- 2. RENEW SEWER SERVICES TO PROPERTY LINE OR AS INDICATED ON THE DRAWING.
- 3. ALL SEWER AND WATER SERVICES TO BE LOCATED
- IN THE FIELD BY THE CONTRACTOR.
- 4. ABANDON EXISTING SEWER AND SEWER SERVICES.

No. 256 Date: 08/10/16

D265-228-02

| APEGIN |
|------------------------------|
| Certificate of Authorization |
| UMA Engineering Ltd. (MB) |

BID OPPORTUNITY NO. 651-2008

| 8 XX | I ' | TION TO AVOID DAMAGE TO GAS CON REGULATION 140/92 FOR DETAILS | MPANY INSTALLATIO | ONS. | | | | | | WHOLE NUMBERS INDICA DECIMALIZED NUMBERS I |
|------------|---------------|--|-------------------|-----------------------|---------------|--------------------|--------------------|---------------------|---------|--|
| 」 ⊱ | 150 WM | WATERMAIN | 150 WM | o ^c | CURB STOP | • | 1 <u>50 W</u> M | WATERMAIN | 150 WM | LOCATION AF |
| 수 | -0- | HYDRANT | - | - · | REDUCER | | <u></u> | HYDRANT | | UNDERGROUND S |
| 9 | 8 | VALVE | • | — · -x · – | COUPLING | _ · - X | | VALVE | X | |
| -05 | 300 LDS | LAND DRAINAGE SEWER | 300 LDS | N | ANODE | ₹ | 300 LDS | LAND DRAINAGE SEWER | 300 LDS | SUPR. U/G STRUCTURES |
| 228 | 250 WWS | WASTE WATER SEWER | 250 WWS | | HYDRO | | 25 <u>0 WW</u> S | WASTE WATER SEWER | 250 WWS | COMMITTEE |
| 65- | 0 | MANHOLE | • | | MTS | | | PAVEMENT CROWN | | NOTE: LOCATION OF UNDERGRO |
| 7 2 | | CATCH BASIN | | | GAS | | → | N/W PROPERTY LINE | | AS SHOWN ARE BASED ON |
| ÜΨ | Δ | CURB INLET | A | + | TESTHOLE | | | S/E PROPERTY LINE | | INFORMATION AVAILABLE. GUARANTEE IS GIVEN THA |
| ₹ | | CULVERT | | •-• | LAMP STANDARD | | | N/W GUTTER | | UTILITIES ARE SHOWN OR |
| 쁘 | = | PIPE ABANDONMENTS | | \odot | TREE | | $ \leftrightarrow$ | S/E GUTTER | | LOCATIONS ARE EXACT. O EXISTENCE AND EXACT LO |
| U | + | SURVEY BAR | | | | | | | | SERVICES MUST BE OBTAI INDIVIDUAL UTILITIES BEFO |
| J≥ | EXISTING | LEGEND - PLAN | NEW | EXISTING | LEGEND - PLAN | NEW | EXISTING | LEGEND - PROFILE | NEW | WITH CONSTRUCTION. |

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.

| METRIC WHOLE NUMBERS INDICATE MILLIMETRES DECIMALIZED NUMBERS INDICATE METRES | |
|---|-----------|
| LOCATION APPROVED UNDERGROUND STRUCTURES | BM ELI |
| SUPR. U/G STRUCTURES DATE COMMITTEE | |
| 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 | 0 |

| UM | | BM 35-006 Chrome Tblt. in Ely. wall of the Richardson Bldg., ELEV 232.063m No. 1 Lombard Place, 4.1 m N. of SEly. Cor. of Bldg | | | | | |
|---------------|----------------|--|----------|-----------------|-----------|-----|--|
| alvi | | | | | | | |
| 06 UMA ENGINE | ©200 | | | | | | |
| ALD / MJF | DESIGNED BY | | | | | | |
| KMB | DRAWN BY | | | | | | |
| 1:250 1:50 | HOR. SCALE | | | | | | |
| 1:50 | VERT. SCALE | KMB | 08/10/14 | OR CONSTRUCTION | ISSUED FO | 0 | |
| 08/10/16 | DATE | BY | YY/MM/DD | IS | REVISION | NO. | |

| UMA A | | RESERVED. | PROFESSIONAL'S SEAL ISSUED FOR CONSTRUCTION |
|---------------|---------------------------|-------------|--|
| ALD / MJR | CHECKED BY | FMI | WAS SEALED BY A. NAGY |
| KMB | APPROVED BY | BRYAN WEBER | AND DATED 08/10/16 |
| 1:250 1:50 | RELEASED FO CONSTRUCTI | | CONSULTANT DRAWING NO. 18 |

DATE

OCT 16/08

| | 9 |
|---|--------|
| | |
| 1 | Winnip |

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2008 COMBINED SEWER RENEWALS BY **EXTERNAL POINT REPAIRS & REPLACEMENTS CONTRACT 30**

RORIE STREET

17m N OF LOMBARD AVENUE

TO McDERMOT AVENUE

| SHEET | 18 | OF | 18 | | | |
|---------------------|-----|----|-----|--|--|--|
| CITY DRAWING NUMBER | | | | | | |
| _ | | _ | REV | | | |
| 8 | 868 | 39 | 0 | | | |