

- 1. ALL GATE VALVES ARE COUNTER—CLOCKWISE TO OPEN WITH A BLACK OPERATING NUT UNLESS NOTED OTHERWISE.
  2. WATERMAIN TO BE INSTALLED BY TRENCHLESS
- METHODS. 3. BACKFILL IS CLASS 5 WITHIN BOULEVARD AND
- CLASS 3 WHEN WITHIN 1.0m OF PAVEMENT OR SIDEWALK.
- 4. WATER SERVICES ARE 19mm UNLESS OTHERWISE NOTED.
- 5. MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.4m.
- 6. LOCATION OF ALL SERVICES TO BE
- CONFIRMED IN FIELD.
- 7. EXPOSE EXISTING WATERMAIN TO CONFIRM DEPTH PRIOR TO CONSTRUCTION.
- 8. ALL LEAD AND CAST IRON SERVICES TO BE RENEWED TO PROPERTY LINE.
- 9. SERVICES TO BE RENEWED SHALL BE REPLACED FROM WATERMAIN TO PROPERTY LINE. ALL OTHERS TO BE RECONNECTED.

**APEGM** Certificate of Authorization Genivar Inc. No. 5079 Date:

"Description of property limits, and existing and/or proposed features relative to these limits as shown on this drawing do not represent a Legal Survey. GENIVAR makes no representation or guarantee that the property limit information is accurate. GENIVAR accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this drawing."

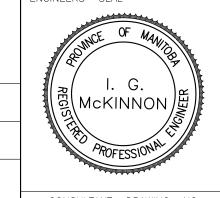
METRIC

WHOLE NUMBERS INDICATE MILLIMETRES DECIMALIZED NUMBERS INDICATE METRES

|           | WATERMAIN           |          | 5            | ANODE            | 5               |                          | WATERMAIN           |                         |
|-----------|---------------------|----------|--------------|------------------|-----------------|--------------------------|---------------------|-------------------------|
|           | HYDRANT             | -        |              | REDUCER          | $\triangleleft$ | $\square \times \square$ | VALVE               | $\overline{\mathbf{X}}$ |
| $\otimes$ | VALVE               | 8        | []           | PLUG             |                 |                          | LAND DRAINAGE SEWER |                         |
| <i>→</i>  | CURB STOP           | •        | <del>(</del> | TREE             |                 |                          | WASTE WATER SEWER   |                         |
|           | WASTE WATER SEWER   |          | ₱L.S.        | LAMP STANDARD    |                 |                          | CENTERLINE          |                         |
|           | LAND DRAINAGE SEWER |          |              | GAS              |                 |                          |                     |                         |
|           | C.B. LEAD           |          |              | HYDRO            |                 |                          |                     |                         |
| 0         | MANHOLE             |          |              | M.T.S.           |                 |                          |                     |                         |
|           | CATCH BASIN         |          |              | TRAFFIC SIGNAL   |                 |                          |                     |                         |
| H         | TEE                 | H        |              | CONCRETE/ASPHALT |                 |                          |                     |                         |
| -         | BEND                | 1        |              | SIDEWALK         |                 |                          |                     |                         |
| EXISTING  | LEGEND — PLAN       | PROPOSED | EXISTING     | LEGEND — PLAN    | PROPOSED        | EXISTING                 | LEGEND - PROFILE    | PROPOSED                |

| LOCATION APPROVED UNDERGROUND STRUCTURES  |
|---|
| SUPV. 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 WITH CONSTRUCTION. |

| B.N<br>ELI |  |         |      | 10 PF<br>PH:   | <b>GE</b> RAIRIE WAY WINNIP (204)-477-6650 | EG, MANITOBA F<br>FAX: (204)-474- | 2J 3J8                  |
|------------|--|---------|------|----------------|--|-----------------------------------|-------------------------|
|            |  |         |      | DESIGNED<br>BY | P.R.                                       | CHECKED<br>BY                     | S.M.                    |
| 7          | DID ODDODTUNITY 175 2017                   | ADD /17 |      | DRAWN<br>BY    | P.R.                                       | APPROVED<br>BY                    | I.McK.                  |
| 3<br>2     | BID OPPORTUNITY 175-2013 DESIGN REVIEW W&W | MAR/13  |      | HOR. SCALE:    | 1:250                                      | RELEASED FOR CONSTRUCTION         | ORIGINALLY<br>SIGNED BY |
| 1          | PRELIMINARY REVIEW W&W                     | JAN/13  | P.R. | VERT. SCALE:   | 1:50                                       |                                   | K P. ENG                |
| NO.        | REVISIONS                                  | DATE    | BY   | date APRIL     | _ 2013                                     | DATE APRIL 3                      | RD, 2013                |



|   | <u> </u> |
|---|----------|
|   | Winnipeg |
| 】 |          |

## THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2013 CAPITAL WORKS WATERMAIN RENEWALS LAGIMODIERE BOULEVARD

CONSULTANT DRAWING NO.

131-12754-00 -09 INTERSECTION OF S. BOUND LAGIMODIERE BLVD AND DAWSON ROAD

CITY DRAWING NO. D-13139

SHEET 1 OF 1