



| CURVE DATA |          |          |        |        |        |
|------------|----------|----------|--------|--------|--------|
| #          | R.       | Δc       | Tc     | L.     | L.C.   |
| C1         | 500.000  | 2°51'33" | 12.479 | 24.952 | 24.949 |
| C2         | 1200.000 | 2°51'22" | 29.916 | 59.819 | 59.813 |
| C3         | 500.000  | 2°51'33" | 12.479 | 24.952 | 24.949 |
| C4         | 500.000  | 2°51'45" | 12.492 | 24.979 | 24.977 |

| NORTHBOUND CONTROL LINE |                 |               |                  |                 |                |               |
|-------------------------|-----------------|---------------|------------------|-----------------|----------------|---------------|
| SEGMENT                 | STATION (START) | STATION (END) | NORTHING (START) | EASTING (START) | NORTHING (END) | EASTING (END) |
| L1                      | 0+000.000       | 0+789.781     | 5530020.180      | 638822.717      | 5530744.137    | 639138.377    |
| C1                      | 0+789.781       | 0+814.733     | 5530744.137      | 639138.377      | 5530767.249    | 639147.775    |
| L2                      | 0+814.733       | 0+837.797     | 5530767.249      | 639147.775      | 5530788.824    | 639155.927    |
| C2                      | 0+837.797       | 0+897.616     | 5530788.824      | 639155.927      | 5530844.232    | 639178.456    |
| L3                      | 0+897.616       | 1+000.031     | 5530844.232      | 639178.456      | 5530938.113    | 639219.384    |

| SOUTHBOUND CONTROL LINE |                 |               |                  |                 |                |               |
|-------------------------|-----------------|---------------|------------------|-----------------|----------------|---------------|
| SEGMENT                 | STATION (START) | STATION (END) | NORTHING (START) | EASTING (START) | NORTHING (END) | EASTING (END) |
| L4                      | 0+000.000       | 0+783.103     | 5530022.179      | 638818.134      | 5530740.014    | 639131.124    |
| C3                      | 0+783.103       | 0+808.055     | 5530740.014      | 639131.124      | 5530762.628    | 639141.664    |
| L5                      | 0+808.055       | 0+817.901     | 5530762.628      | 639141.664      | 5530771.446    | 639146.044    |
| C4                      | 0+817.901       | 0+842.880     | 5530771.446      | 639146.044      | 5530794.085    | 639156.594    |
| L6                      | 0+842.880       | 1+000.000     | 5530794.085      | 639156.594      | 5530938.113    | 639219.384    |

| 150 WM              | HYDRO             | HYDRO    | 150 WM         | WATERMAIN  | 150 WM    |
|---------------------|-------------------|----------|----------------|------------|-----------|
| WATERMAIN           | HYDRANT           | VALVE    | M.T.S.         | CONCRETE   | ASPHALT   |
| LAND DRAINAGE SEWER | WASTE WATER SEWER | MANHOLE  | CATCH BASIN    | CURB INLET | JUNCTIONS |
| CULVERT             | GAS               | EXISTING | LEGEND-PLAN    | PROPOSED   | EXISTING  |
| LEGEND-PLAN         | PROPOSED          | EXISTING | LEGEND-PROFILE | PROPOSED   | EXISTING  |

| UNDERGROUND STRUCTURES |                   |
|------------------------|-------------------|
| SUPPLY                 | U/G STRUCTURES    |
| 3                      | ISSUED FOR TENDER |
| 2                      | ISSUED FOR REVIEW |
| 1                      | ISSUED FOR REVIEW |
| NO.                    | REVISIONS         |

| B.M. ELEV. | DESIGNED BY | DRAWN BY | CHECKED BY | APPROVED BY | HOR. SCALE | VERTICAL | RELEASED FOR CONSTRUCTION |
|------------|-------------|----------|------------|-------------|------------|----------|---------------------------|
|            | JMS/MRD     | TJH      | JNC        | DPK         | 1:500      |          |                           |
|            | DATE        | DATE     | DATE       | DATE        | DATE       | DATE     | DATE                      |

| DATE       | BY  |
|------------|-----|
| 12/16/13   | JNC |
| 07/22/13   | JNC |
| 06/21/13   | JNC |
| 12/16/2013 |     |

**DILLON CONSULTING**

ENGINEER'S SEAL  
**J.N. CRANG**  
 REGISTERED PROFESSIONAL ENGINEER  
 12/16/2013

**THE CITY OF WINNIPEG**  
 PUBLIC WORKS DEPARTMENT

PANET ROAD/MOLSON STREET  
 RECONSTRUCTION AND TWINNING

COORDINATE GEOMETRY - PANET-MOLSON

CITY DRAWING NUMBER: P-3350-14  
 SHEET 14 OF 45  
 CONSULTANT DRAWING NUMBER

**APEGM**  
 Certificate of Authorization  
**Dillon Consulting Limited (MB)**  
 No. 1789 Date: 12/16/2013

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