



- REFERENCE NOTES**
- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
  - BASELINE IS CENTRE LINE RIGHT-OF-WAY
  - PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
  - REFER TO AECOM FIELD BOOK NO. 4976

- CONSTRUCTION NOTES**
- PLANE EXISTING ASPHALTIC PAVEMENT AND PLACE NEW ASPHALTIC PAVEMENT TYPE 1A (AVG THICKNESS 85mm)
  - RENEW EXISTING BARRIER CURB (100mm REVEAL HT. DOWELED)
  - REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT c/w ASPHALTIC OVERLAY (85mm AVG THICKNESS)
  - REMOVE EXISTING BARRIER CURB AND CONSTRUCT NEW CONCRETE MODIFIED BARRIER CURB (150mm REVEAL HT. DOWELED)
  - RENEW EXISTING 100mm CONCRETE SIDEWALK
  - CONSTRUCT CURB RAMP (10mm REVEAL HT. MONOLITHIC)
  - CONSTRUCT CURB RAMP (10mm REVEAL HT. INTEGRAL)
  - REMOVE EXISTING CATCHPIT AND ABANDON LEAD
  - REMOVE EXISTING CATCHBASIN AND ABANDON LEAD
  - INSTALL NEW CATCHBASIN (SD-024) AND CONNECT TO EXISTING LEAD
  - CONSTRUCT NEW CONCRETE MODIFIED BARRIER CURB (150mm REVEAL HT. INTEGRAL)
  - ADJUST EXISTING MANHOLE/CATCHBASIN TO GRADE
  - REMOVE EXISTING FRAME AND COVER AND INSTALL NEW FRAME AND SOLID COVER (AP-006 & AP-007)
  - INSTALL NEW CAST IRON RISER RING
  - REMOVE EXISTING PRE-CAST SIDEWALK BLOCKS
  - CONSTRUCT NEW 100mm CONCRETE SIDEWALK
  - REMOVE AND RE-GRADE EXISTING INTERLOCKING PAVING STONES
  - ADJUST EXISTING WATER VALVE TO GRADE
  - INSTALL NEW MTS RISER RING
  - REMOVE EXISTING FRAME AND COVER AND INSTALL NEW BARRIER CURB AND GUTTER FRAME AND COVER (AP-011 & AP-012)



**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

| EXISTING     |                     | LEGEND - PLAN     |                   | PROPOSED  |  | EXISTING      |  | LEGEND - PLAN |  | PROPOSED |  |
|--------------|---------------------|-------------------|-------------------|-----------|--|---------------|--|---------------|--|----------|--|
| 150 mm W.M.  | WATERMAIN           | 150 mm W.M.       |                   |           |  | HYDRO         |  |               |  |          |  |
| Hydrant      | HYDRANT             | Valve             | VALVE             |           |  | M.T.S.        |  |               |  |          |  |
| 300mm L.D.S. | LAND DRAINAGE SEWER | 300mm L.D.S.      |                   |           |  | CONCRETE      |  |               |  |          |  |
| 250mm W.W.S. | WASTEWATER SEWER    | 250mm W.W.S.      |                   |           |  | ASPHALT       |  |               |  |          |  |
| Manhole      | MANHOLE             | Survey Bar        | SURVEY BAR        |           |  | PROPERTY LINE |  |               |  |          |  |
| Catch Basin  | CATCH BASIN         | Elevation         | ELEVATION         | (235.750) |  | Property Line |  |               |  |          |  |
| Catch Pit    | CATCH PIT           | Tree              | TREE              |           |  | Sidewalk Ramp |  |               |  |          |  |
| Junctions    | JUNCTIONS           | Concrete Sidewalk | CONCRETE SIDEWALK |           |  | Fence         |  |               |  |          |  |
| Culvert      | CULVERT             |                   |                   |           |  |               |  |               |  |          |  |
| Gas          | GAS                 |                   |                   |           |  |               |  |               |  |          |  |

**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. 27-034 85R431 - W. side Rue Aulneau @ Hamel Ave., Tbl. on top of 0.05 m dia. x 2.4 m iron pipe, 2.1 m E. of W.L. of Rue Aulneau & 3.7 m S. of Hamel Ave.

| NO. | REVISIONS               | DATE     | BY |
|-----|-------------------------|----------|----|
| 1   | MISCELLANEOUS REVISIONS | 05/15/17 | BC |
| 0   | ISSUED FOR TENDER       | 05/10/17 | BC |
| A   | ISSUED FOR REVIEW       | 05/01/17 | BC |

**AECOM**

DESIGNED BY: SS  
CHECKED BY: TDW/KWR  
DRAWN BY: BC/PB  
APPROVED BY:  
HOR. SCALE: 1:250  
VERTICAL: 1:10  
RELEASED FOR CONSTRUCTION BY:  
DATE: \_\_\_\_\_

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

2017 LOCAL STREET RENEWAL PROGRAM

RUE AULNEAU - DOLLARD BLVD TO HAMEL AVENUE  
PAVEMENT REHABILITATION  
STATION 0+235 TO RUE HAMEL

CITY DRAWING NUMBER: SHEET 24 OF 27

ENGINEER'S SEAL: K.W. RAE, REGISTERED PROFESSIONAL ENGINEER, PROVINCE OF MANITOBA

CONSULTANT DRAWING NO. CT-24