



- CONSTRUCTION NOTES:**
- ALL DIMENSIONS ARE TO BACK OF CURB.
  - ISOLATE MISCELLANEOUS ITEMS IN NEW CONCRETE WORKS AS PER SD-228C.
  - LEGAL PLAN AND UNDERGROUND INFORMATION FROM CITY OF WINNIPEG LBIS.
  - CONTRACTOR TO TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO TREES WITHIN THE LIMITS OF CONSTRUCTION.
  - LOCATION OF EXISTING SERVICES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
  - CB LEADS TO BE INSTALLED AT MIN. 1.0% SLOPE OR AS DIRECTED BY CONTRACT ADMINISTRATOR.
  - ADJUST EXISTING CATCH BASINS AND MANHOLES AND ISOLATE AS PER SD-220A.
  - PROTECT EXISTING LEGAL PINS IN NEW PAVEMENT UTILIZING A WATER VALVE INSERT. GRIND OFF SYMBOL ON COVER.
  - CONCRETE PAVEMENT IN MINOR STREET APPROACHES, PRIVATE APPROACHES AND MEDIAN OPENINGS SHALL BE HAND PLACED WITH INTEGRAL CURB CONSTRUCTION (SD-203A OR SD-203B AS SPECIFIED). MAIN LINE CONCRETE PAVEMENT SHALL BE SLIP FORMED UNLESS OTHERWISE REQUIRED DUE TO TRAFFIC STAGING RESTRICTIONS.
  - INSTALL 150 mm SUB DRAIN IN BOTH DIRECTIONS OF CATCH BASINS WHERE INDICATED, ALONG PAVEMENT EDGE AS PER SD-245 AND CAP ENDS.
  - SEE STAGING DRAWINGS FOR REMOVAL AND ADJUSTMENT PHASING

**METRIC**

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**WARNING**

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.
- OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.

**APEGM**  
Certificate of Authorization  
**Dillon Consulting Limited (MB)**  
No. 1789 Date: 18/02/01

G:\CAD\175932\Drawings\Utilities\Contract\175932-CON-CU-LDS-PLAN-PROFILE-FERMOR.dwg

| EXISTING    | LEGEND-PLAN         | PROPOSED    | EXISTING                | LEGEND-PLAN             | PROPOSED                | EXISTING          | LEGEND-PROFILE      | PROPOSED          |
|-------------|---------------------|-------------|-------------------------|-------------------------|-------------------------|-------------------|---------------------|-------------------|
| 150 WM      | WATERMAIN           | 150 WM      | CONCRETE                | CONCRETE                | CONCRETE                | 150 WM            | WATERMAIN           | 150 WM            |
| HYDRANT     | HYDRANT             | HYDRANT     | ASPHALT                 | ASPHALT                 | ASPHALT                 | 300 LDS           | LAND DRAINAGE SEWER | 300 LDS           |
| VALVE       | VALVE               | VALVE       | PLANING                 | PLANING                 | PLANING                 | 250 WWS           | WASTE WATER SEWER   | 250 WWS           |
| MANHOLE     | MANHOLE             | MANHOLE     | SIDEWALK                | SIDEWALK                | SIDEWALK                | HYDRANT           | HYDRANT             | HYDRANT           |
| CATCH BASIN | CATCH BASIN         | CATCH BASIN | PAVING STONES           | PAVING STONES           | PAVING STONES           | VALVE             | VALVE               | VALVE             |
| CURB INLET  | CURB INLET          | CURB INLET  | PARTIAL DEPTH REPAIR    | PARTIAL DEPTH REPAIR    | PARTIAL DEPTH REPAIR    | Q PROFILE         | Q PROFILE           | Q PROFILE         |
| 300 LDS     | LAND DRAINAGE SEWER | 300 LDS     | PROPERTY LINE           | PROPERTY LINE           | PROPERTY LINE           | NORTH/WEST GUTTER | NORTH/WEST GUTTER   | NORTH/WEST GUTTER |
| 250 WWS     | WASTE WATER SEWER   | 250 WWS     | DRAINAGE ARROW          | DRAINAGE ARROW          | DRAINAGE ARROW          | SOUTH/EAST GUTTER | SOUTH/EAST GUTTER   | SOUTH/EAST GUTTER |
| HYDRO       | HYDRO               | HYDRO       | CURB RAMP (SD-229C)     | CURB RAMP (SD-229C)     | CURB RAMP (SD-229C)     | NORTH/WEST DITCH  | NORTH/WEST DITCH    | NORTH/WEST DITCH  |
| M.T.S.      | M.T.S.              | M.T.S.      | DETECTABLE WARNING      | DETECTABLE WARNING      | DETECTABLE WARNING      | SOUTH/EAST DITCH  | SOUTH/EAST DITCH    | SOUTH/EAST DITCH  |
| 100 GAS     | GAS                 | 100 GAS     | SURFACE TILE (SD-229AA) | SURFACE TILE (SD-229AA) | SURFACE TILE (SD-229AA) |                   |                     |                   |

**UNDERGROUND STRUCTURES**

SUPV. U/G STRUCTURES DATE

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. ELEV. | DESIGNED BY       | WPN          |
|------------|-------------------|--------------|
|            | DRAWN BY          | GLG          |
|            | CHECKED BY        | WPN          |
|            | APPROVED BY       |              |
|            | HOR. SCALE        | 1:500        |
|            | VERTICAL          | 1:50         |
| 0          | ISSUED FOR TENDER | 18/02/09 WPN |
| NO.        | REVISIONS         | DATE BY      |

|                           |      |
|---------------------------|------|
| RELEASED FOR CONSTRUCTION | DATE |
|---------------------------|------|

**DILLON CONSULTING**

ENGINEER'S SEAL  
PROVINCE OF MANITOBA  
**W.P. NAIRN**  
REGISTERED PROFESSIONAL ENGINEER

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

**FERMOR AVENUE BRIDGE OVER SEINE RIVER**  
BRIDGE REHABILITATION, PEDESTRIAN-CYCLIST UNDERPASS STRUCTURE AND ROADWORKS FROM ST. ANNE'S ROAD TO ARCHIBALD STREET

CONSULTANT PROJECT NUMBER  
**17-5932**

CITY DRAWING NUMBER  
P-3489-2017-CU-005

SHEET **005** OF **11**

CONSULTANT DRAWING NUMBER  
**CU-005**

FERMOR AVENUE - STA. 5+000 TO STA. 5+250 (PLAN-PROFILE)