



THE CITY OF WINNIPEG

PUBLIC WORKS DEPARTMENT

2007 CAPITAL PROGRAM

ANNABELLA STREET UNDERPASS RETAINING WALL REHABILITATION AND ROADWORKS

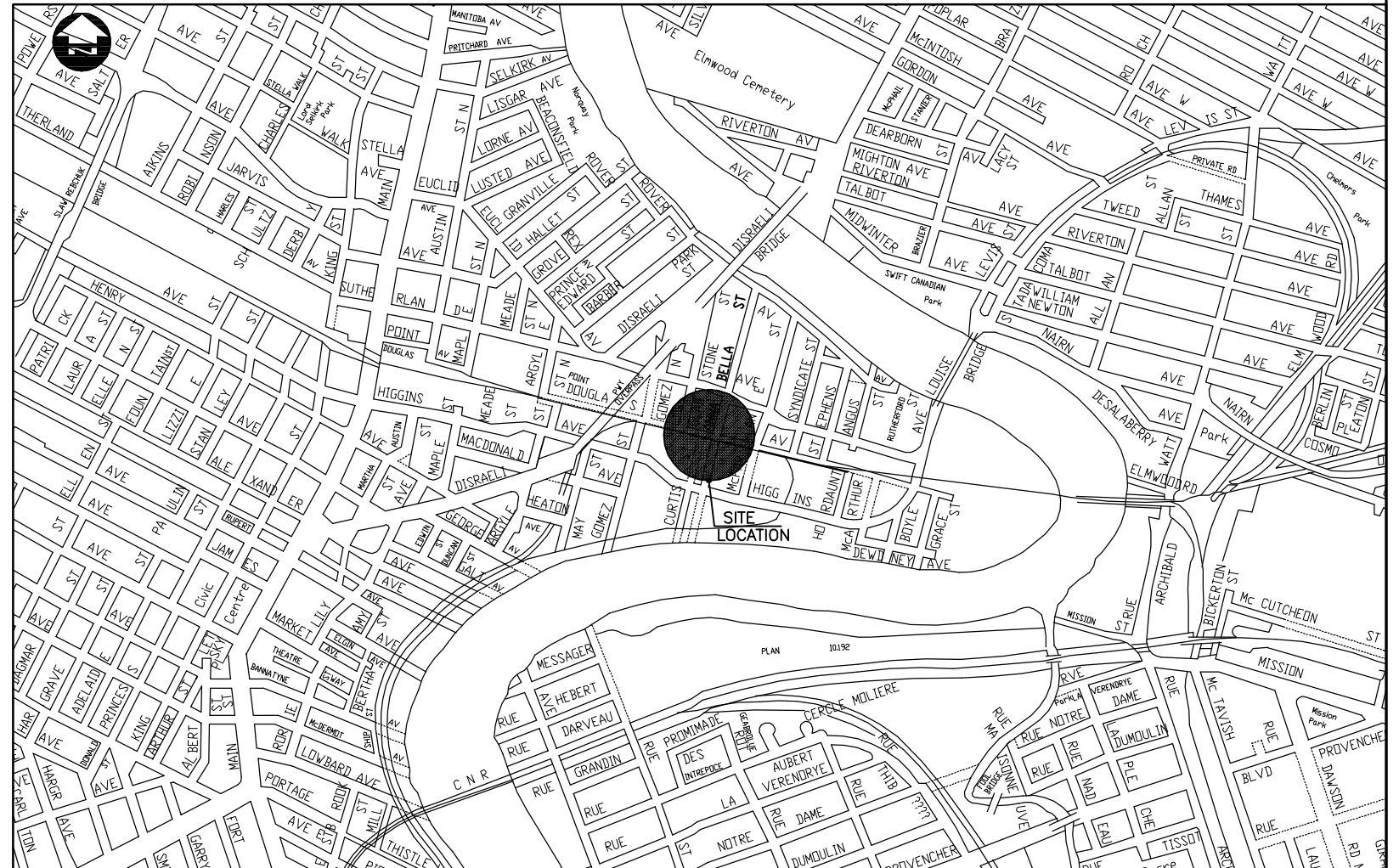
DRAWING SET BID OPPORTUNITY No. 291-2007

DRAWING LIST

- U223-07-01 COVER SHEET
- U223-07-02 ROADWORKS 1
- U223-07-03 ROADWORKS 2
- U223-07-04 EXISTING CONCRETE SIDEWALK & RETAINING WALL 1 OF 2
- U223-07-05 EXISTING CONCRETE SIDEWALK & RETAINING WALL 2 OF 2
- U223-07-06 PROPOSED CONCRETE SIDEWALK & RETAINING WALL 1 OF 2
- U223-07-07 PROPOSED CONCRETE SIDEWALK & RETAINING WALL 2 OF 2
- U223-07-08 SOUTHBOUND SIDEWALK RETAINING WALL & PEDESTRIAN HANDRAIL LAYOUT
- U223-07-09 NORTHBOUND SIDEWALK RETAINING WALL & PEDESTRIAN HANDRAIL LAYOUT
- U223-07-10 CONCRETE SIDEWALK & RETAINING WALL DETAILS
- U223-07-11 PEDESTRIAN HANDRAIL DETAILS
- U223-07-12 REINFORCING STEEL SCHEDULE

DESIGN DATA

- STRUCTURAL CONCRETE - $f'_c = 35 \text{ MPa}$ MINIMUM, CLASS OF EXPOSURE = C-1, AIR CONTENT CATEGORY = 1
- REINFORCING STEEL - CSA G30.18 GRADE 400W BILLET STEEL BARS
HOT DIP GALVANIZED EXCEPT PLAIN FOR SIDEWALK.
COAT ALL FIELD CUTS WITH FIELD APPLIED GALVANIZING.
- CLEAR COVER TO REINFORCING STEEL - 75mm AGAINST EARTH OR BACKFILL
- 50mm FRONT FACE OF WALL
- 50mm ALL OTHER UNLESS OTHERWISE NOTED.
- HANDRAIL STEEL - CAN/CSA-G40.21-M92, GRADE 300W.
- CHAMFERS - 20mm ON OUTSIDE CORNERS UNLESS NOTED OTHERWISE.



LOCATION PLAN



CONSULTANT PROJECT NO. 06-7122-2000
 DRAWING NUMBER: U223-07-01
 COVER SHEET
 1 OF 12