

PART E
SPECIFICATIONS

PART E - SPECIFICATIONS

GENERAL

E1. APPLICABLE SPECIFICATIONS, STANDARD DETAILS AND DRAWINGS

E1.1 *The City of Winnipeg Standard Construction Specifications* in its entirety, whether or not specifically listed on Form B: Prices, shall apply to the Work.

E1.1.1 *The City of Winnipeg Standard Construction Specifications* is available in Adobe Acrobat (.pdf) format on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division internet site at <http://www.winnipeg.ca/matmgt>.

E1.1.2 Further to GC:2.4(d), Specifications included in the Bid Opportunity shall govern over *The City of Winnipeg Standard Construction Specifications*.

E1.2 The following Drawings are applicable to the Work:

<u>Drawing No.</u>	<u>Drawing</u>
LD-2926	Strathmillan Road – 98m S. of Lodge Ave. to 34m N. of Lodge Ave.
LD-2927	Strathmillan Road – 34m N. of Lodge Ave. to 117m S. of Bruce Ave.
LD-2928	Strathmillan Road – 117m S. of Bruce Ave. to 15m N. of Bruce Ave.
LD-2929	Strathmillan Road – 15m N. of Bruce Ave. to 135m S. of Ness Ave.
LD-2930	Strathmillan Road – 135m S. of Ness Ave. to Ness Ave.
LD-2931	Ness Avenue – Strathmillan Rd. to Public Lane N. of Davidson St.
LD-2932	Davidson Street – 40m S. of Ness Ave. to Ness Ave.
LD-2933	Bruce Avenue - - 12m E. of Whytewold Rd. to 65m W. of Strathmillan Rd.
LD-2934	Bruce Avenue – 65m W. of Strathmillan to 10m W. of Davidson St.
LD-2935	Bruce Avenue – 60m E. of Strathmillan to McLaughlin Ave.
LD-2936	McLaughlin Avenue (W. Leg) – Bruce Ave. to McLaughlin Ave. (N. Leg)
LD-2937	Public Lane W. of McLaughlin Ave. – Bruce Ave. to 130m N. of Bruce Ave.
LD-2938	Lodge Avenue – Whytewold Rd. to 17m W. of Vernon Rd.
LD-2939	Lodge Avenue – 17m W. of Vernon Rd. to 10m E. of Strathmillan Rd.
LD-2940	Whytewold Road – 90m S. of Lodge Ave. to Lodge Ave.
LD-2941	Public Lane W. of Vernon Road – 160m S. of Lodge Ave. to 65m S. of Lodge Ave.
LD-2942	Public Lane W. of Vernon Road – 65m S. of Lodge Ave. to Lodge Ave.
LD-2943	Vernon Road – 215m N. of Portage Avenue to 85m S. of Lodge Ave.
LD-2944	Vernon Road – 85m S. of Lodge Ave. to Lodge Ave.
LD-2945	Olive Street – 25m S. of Ness Ave. to Ness Ave.

E2. SOILS INVESTIGATION REPORT

E2.1 Further to GC:3.1, Test Hole logs compiled during the design process are provided. The Test Hole logs are provided to supplement the Contractors evaluation of the Site conditions within the Work area. The information is considered accurate at the locations indicated and at the time of the investigation. However, considerable variations in the soil conditions may exist between test holes and fluctuations in groundwater levels can be expected seasonally.

GENERAL REQUIREMENTS

E3. OFFICE FACILITIES

E3.1 The Contractor shall supply office facilities meeting the following requirements:

- (a) The field office shall be conveniently located near the Site of the Work;

- (b) The building shall have a minimum floor area of 20 square metres, with window area of 3 square metres and a door entrance with suitable lock satisfactory to the Contract Administrator.
- (c) The building shall be suitable for all-weather use. It shall be capable of maintaining a temperature range between 16°C and 25°C;
- (d) The building shall be supplied with adequate lighting and 120 Volt power supply;
- (e) The building shall be supplied with a local telephone line;
- (f) The building shall be furnished with one desk, one meeting table, one drafting table, one filing cabinet and six chairs, all satisfactory to the Contract Administrator;
- (g) A separate toilet with door lock shall be supplied for the Contract Administrator;
- (h) The field office shall be cleaned weekly immediately prior to the Job Site Meetings to the satisfaction of the Contract Administrator;
- (i) The provision of the field office with the aforementioned furnishings and equipment shall also include maintenance and removal of the field office, operating costs and any service installation costs.

E4. EXCAVATION AND BACKFILL

E4.1 Disposal of Unsuitable or Surplus Excavated Material

- (a) If the Contractor has not arranged for an approved disposal Site, the City shall provide an optional disposal Site for all surplus clean clay from the construction Site. The material is not to include any refuse, concrete, metals, wood, organics, construction waste or any other deleterious materials. Any surplus soil material not meeting these requirements shall not be considered clean clay and shall not be permitted.
- (b) The disposal location provided by the City will be at the Summit Road Landfill Site. The Contract Administrator will make arrangements with Colin Potter (986-4463) at the landfill Site for the disposal of the surplus soil material.
- (c) There will be no tipping fees charged at the landfill sites to the Contractor for the disposal of surplus soil material meeting the requirements of clean clay as specified.
- (d) Surplus material not meeting the requirements of clean clay may be disposed of at the Brady Road Landfill Site although tipping fees will be charged.
- (e) There shall be no measurement of surplus soil material disposed of at any disposal Site. No additional payment will be made for disposal of surplus soil materials. It shall be considered incidental to the cost of the Work.

E5. PROTECTION OF EXISTING TREES

E5.1 The Contractor shall take the following precautionary steps to avoid damage from his construction activities to existing boulevard trees within and adjacent to the limits of construction:

- (a) The Contractor shall not stockpile materials and soil or park vehicles and equipment on boulevards within 2 metres of any tree.
- (b) Mature tree trunks shall be strapped with 25 x 150 x 2400 (1" x 6" x 8') wood planks. Smaller trees shall be similarly protected using appropriately sized wood planks.
 - (i) Excavations shall be carried out in such a manner so as to minimize damage to existing root systems. Roots over 50mm in diameter which must be cut to facilitate an excavation shall be neatly pruned with a saw prior to excavation and coated with an appropriate wound dressing to prevent infection.

- (ii) Work on Site shall be carried out in such a manner so as to minimize damage to existing tree branches. Where damage to tree branches does occur, the Contractor shall neatly prune the damaged branch.
- (c) American elm trees are not to be pruned between April 1st and August 1st and Siberian elm trees between April 1st and July 1st of any year under provisions of The Dutch Elm Disease Act.

E5.2 All damages to existing trees caused by the Contractor's construction activities shall be repaired to the requirements and satisfaction of the City of Winnipeg, Parks and Recreation Department, Forestry Branch.

E5.3 No separate measurement or payment will be made for protection of trees. It shall be considered incidental to the Contract Work.

E6. PLUGGING AND ABANDONING EXISTING SEWERS AND SEWER SERVICES

E6.1 Further to CW2130-R8, Clause 4.14.4, video inspection of the existing sewer to the abandoned sewer service shall be considered incidental to the cost of Abandoning Existing Sewers and Sewer Services under Pavement and no separate measurement or payment will be made for this work.