

SECTION 93

CURB STOPS IN DRIVEWAYS

93.1 GENERAL

The work shall include the installation of junction boxes for the protection of curb stops located within concrete driveways.

Junction boxes shall be installed in accordance with these detailed specifications and other related sections.

93.2 MATERIALS

93.2.1 Junction Boxes shall be Cat # 25020 supplied by West Coast Engineering or an equivalent approved by Aquatera.

93.2.2 Junction Box lids shall be Cat # 25410 supplied by West Coast Engineering or an equivalent approved by Aquatera.

93.3 INSTALLATION

93.3.1 Excavation and backfill shall be in accordance with appropriate section of the Construction Standards of the Municipality having jurisdiction.

In general, backfilling shall take place in accordance with the requirements of Section 88 of the Construction Manual.

The area around the junction box is to be backfilled with select native material, placed in a manner that minimizes settlement and freezing due to excessive voids in the backfill material.

Select native material shall be well graded soil selected by the Contractor from the excavated trench material. It shall have no particles larger than 32mm in its largest dimension. It shall contain no frozen soil, roots, organics or other objectionable material in quantities that might cause damage to the junction box.

The cover of the junction box shall be level to the adjacent driveway surface and grade. The concrete surrounding the junction box shall be shaped to provide a smooth finish without casting the lid in concrete. (It is recommended that when finishing the concrete that the junction box lid be placed on upside down to prevent staining of the lid) Once the concrete is cured the lid shall be easily removed and replaced to the junction box.

93.4 TESTING REQUIREMENTS OF THE CONTRACTOR

93.4.1 PRE-INSTALLATION

a) Materials

None required.

b) Systems

None Required

93.4.2 INSTALLATION

a) Materials

None required.

b) Systems

None Required

93.4.3 POST-INSTALLATION

a) Materials

None required.

b) Systems

None required.

93.5 PAYMENT

93.5.1 Payment shall be full compensation for the procurement of all permits and processes, the supply and the installation of all materials, equipment, labour, supervision and incidentals necessary to complete the work to these specifications.

Adopted: November 2010