



2020 - SECTION 93

CURB STOPS IN HARD LANDSCAPING

93.1 GENERAL

Junction boxes are no longer required for the installation of curb stops in hard landscaping.

The work may include the installation of **Type-A main valve casing** for the protection of curb stops located within hard landscaping (concrete, asphalt, paving stone).

93.2 MATERIALS

93.2.1 **Type-A main valve casings** 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 **Type-A main valve casing** 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 **Type-A main valve casing**.

The cover of the **Type-A main valve casing** shall be level to the adjacent driveway surface and grade. The concrete surrounding the **Type-A main valve casing** shall be shaped to provide a smooth finish without casting the lid in concrete.

93.4 TESTING REQUIREMENTS OF THE CONTRACTOR

93.4.1 PRE-INSTALLATION

a) Materials

None required.

b) Systems

None Required



**CM Section 93
Curb Stops in Driveways**

934.2 INSTALLATION

a) Materials

None required.

b) Systems

None Required

934.3 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.