

## **MANHOLES, INLETS AND CATCH BASINS**

Any product that meets the requirements of Alberta Transportation Standard Specification for Highway Construction, Specification 2.10 Manholes, Inlets and Catch Basins qualifies under this section.

### **AGGREGATE**

Aggregate material for backfill shall be in accordance with Alberta Transportation Standard Specification for Highway Construction, Specification 3.2 Aggregate Production and Stockpiling.

### **HYDRAULIC CEMENT CONCRETE**

All materials for the manufacture of concrete shall comply with requirements specified in Alberta Transportation Standard Specification for Highway Construction, Section 5.5 Supply of Portland Cement Concrete. Class B28 air entrained Portland Cement Concrete shall be used, unless otherwise specified or shown on the plans.

### **REINFORCING BARS AND WIRES**

Steel reinforcing bars shall be deformed bars in accordance with the most recent edition of CSA G30.12-M Billet Steel Bars for Concrete Reinforcement.

Cold drawn wire or welded wire fabric for concrete reinforcement shall conform to the requirements of the latest edition of CSA G30.5.

### **CONCRETE MASONRY BLOCK UNITS**

Concrete masonry blocks used for construction of manholes, inlets, and catch basins shall conform to the requirements of ASTM Designation C139.

### **MANHOLE RISERS**

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
<a href="#">UGT Manhole Elevation Units</a>		

### **MORTAR**

Mortar shall be composed of one part Portland cement and two parts fine aggregate by volume.