

## **RIGID INSULATION**

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### **1. GENERAL**

#### **1.1 Work Included**

- .1 Below grade insulation.

#### **1.2 References**

- .1 ASTM D2842 - Water Absorption of Rigid Cellular Plastics.
- .2 CAN/ULC-S701 Type 4 - Thermal Insulation, Expanded, Extruded Polystyrene.

### **2. PRODUCTS**

#### **2.1 Materials**

- .1 Board Insulation: rigid insulation, CAN/ULC-S701, Type 4, extruded cellular polystyrene, square edges, Celfort 300 by Owen Corning or Styrofoam SM by Dow Chemical; thickness as indicated on Drawings.
- .2 Banding: non-corroding, non-metallic.

### **3. EXECUTION**

#### **3.1 Preparation**

- .1 Verify substrate surface is flat, free of honeycomb, fins, irregularities, and any other material that will impede installation of insulation.
- .2 Verify insulation boards are unbroken, free of damage, with face membrane undamaged.

#### **3.2 Installation**

- .1 Install insulation vertically and horizontally as indicated.
- .2 Butt edges and ends tight to adjacent boards. Fill loosely around actuator.
- .3 Backfilling of Valve Chamber DRV 305 will be performed by others. Coordinate with the backfilling contractor to ensure correct position of insulation is maintained during backfill operations.

**END OF SECTION**