

# **DIVISION 33 - UTILITIES**

## **33 46 00 SUBDRAINAGE**

### **PART 1 - GENERAL**

#### 1.01 SCOPE

- A. All wall footings, foundations and buried structures shall be provided with sub-surface drainage.

### **PART 2 - PRODUCTS**

#### 2.01 MATERIALS

- A. Pipe - Foundations drain systems shall be perforated ADS or SDR 35 PVC pipe.
- B. Drain Rock - All foundation drains shall be installed in washed drainage aggregate.
- C. Filter Fabric - Drain pipe and drain rock shall be protected from silt and fines contamination by enveloping drain rock and pipe in filter fabric.

### **PART 3 - EXECUTION**

#### 3.01 PREPARATION

- A. Contractor shall verify foundation waterproofing or dampproofing is complete and that excavation is ready to receive foundation drain system.

#### 3.02 INSTALLATION

- A. All foundation drains shall drain to the storm drain system. Do not drain to percolation pits or cisterns, as percolation rates of the native soils are poor.
- B. Do not discharge roof drains or other surface runoff into foundation drainage system.
- C. Provide cleanouts at all changes in foundation drain direction.
- D. Slope all soils away from the structures foundation to provide positive relief from surface runoff.

**END OF SECTION**