

## **886 - PRIVATE DRAINAGE SYSTEM CONNECTION**

### **886.1 DESCRIPTION**

Existing foundation drains and sump pump drains are allowed to be connected to the proposed storm sewer system or ditch liner at locations indicated on the plans or as directed by the engineer.

### **886.2 CONSTRUCTION REQUIREMENTS**

Extensions of the existing tile shall be made with a compatible material and all joints shall be watertight. Connections to an underground system shall be made at a structure, shall be cored and sealed with a non-shrink grout after installation. The drain pipe shall not extend more than 1" into the inside of the structure. If connecting to a curb inlet, the slope of the pipe shall follow the street slope but should not be less than 1% at any time. The contractor should maintain 18" depth when practical and no less than 6" depth minimum. If connecting to a Storm Sewer Manhole, the connection shall be made as close to the top of the inside of the storm sewer manhole as practical. Connections cannot be made to the front of the curb inlet. Cleanouts shall be provided at all bends in the drain tile systems. Cleanouts shall extend to grade and shall use no greater than 45 degrees bends.

Flapgates or backflow prevention devices shall be installed at locations where directed by the Engineer.

### **886.3 MEASUREMENT AND PAYMENT**

The Engineer will measure each private drainage connection.

Payment for "Private Drainage Connection" at the contract unit price bid is full compensation for the specified work. Cleanouts, flapgates, and other backflow prevention devices are considered subsidiary to "Private Drainage Connection".