

Sump Pump Connection Design Criteria

Municipal Drainage System Connection

- Cover
 - Gravity pipe – 2’ min within roadways; 1’ min everywhere else
 - Pressure pipe – 4’ min or pipe must drain
- Connect to a structure (CB or DMH), inline connections not allowed.
- Installing pipe in ROW outside edge of pavement in front of adjacent properties will require approval of, and signed agreement with the abutter.

On-Site Infiltration systems

- Designed by a Professional Engineer
- Comply with infiltration rates and sizing per Massachusetts Storm water Handbook.
- Provide Test pit and Soils evaluation at system location
- Determine seasonal high groundwater.
- Provide minimum of 1 foot of separation from bottom of system and groundwater elevation.
- Minimum design capacity - 1,200 GPD
- Overflow must be incorporated into design
- Setbacks
 - Building foundation – 10’ min
 - Private well – 100’ min
 - Property line – 10’ min
 - Surface water – 50’ min

Typical Details

