

### 9. Finish Grading:

**Conveyance of runoff into BMPs is one of the most common errors in LID.**

- Inlets (sod, rip rap, or pretreatment measure) are installed higher than the contributing impervious surface, runoff then bypasses the practice.
- Inadequate scour protection is provided at the practice's inlet leading to erosion and scouring.
- Pretreatment can prolong the life of a practice and make maintenance easier.
- Inlet, outlet, and emergency overflow elevations are often only centimetres apart - requiring precise grading.



### 10. LID Practice Materials:

**Bioretention soil medium and installation is new to many contractors.**

- Soil medium should be premixed, and samples should be pre-approved to ensure proper material.
- Settling should be accounted for, both in quantities and process.



### 11. Permeable Pavement:

**Permeable paving should be protected in all phases of construction.**

- Protect paving area from surrounding drainage area with perimeter controls.
- Keep all construction equipment off permeable areas because sediment tracking can clog permeable pavement.

