STANDARD CATCH BASIN RISER/FILTER

**USE OF CATCH BASIN RISER/FILTER ON FILL SITES**

- **A.** Install catch basin riser/filter.
- **B.** Stabilize all disturbed soil except sediment storage zone. Permeable pavement, vegetation, etc.
- **C.** Raise basin as needed, placing blocks & fill segment storage zone.
- **D.** Catch basin will eventually reach desired final grade, build final riser/filter at this point.
- **E.** Fill all but sediment zone.
- **F.** Repeat steps until completed.

**STEPS:**
1. Install catch basin riser/filter.
2. Provide sediment storage zone.
3. Cut trees, clear & grade.
4. Begin first fill section.
5. Raise basin as needed, placing blocks & fill segment storage zone.
6. Continue filling.
7. Catch basin will eventually reach desired final grade, build final riser/filter at this point.
8. Fill all but sediment zone.
9. Stabilize all disturbed soil except sediment storage zone. Permeable pavement, vegetation, etc.
10. Once fill is stabilized, inspected & approved, place & fill segment storage zone.
11. Stabilize bare soil in sediment storage zone.

**NOTE:**
- Use galvanized hardware cloth 1/2" x 1/2" grid.
- Use perspective view for reference.
- Use sediment storage zone (total basin capacity) for reference.
- Use future storm drain pipe for reference.
- Use cleanout point (1/2 depth sediment storage zone) for reference.

**EFFECTIVE:** 01/31/08

**IREDELL COUNTY, NC**