## Installation of Construction Site Erosion and Sediment Control Devices

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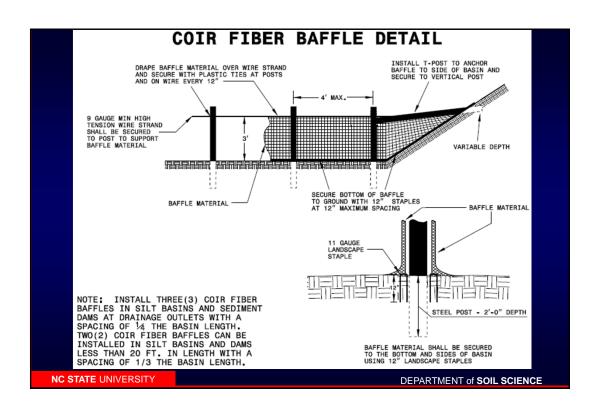
### **Porous Baffles**



- Used in basins and traps
- Function: Spread concentrated flow over the width of the device; dropping velocity and, therefore, sediment
- Materials:
  - -700 g/m<sup>2</sup> coir netting
  - -T-posts
  - -High tensile wire
  - -Cable ties (UV resistant)
  - -Metal sod staples



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### **Skimmer**

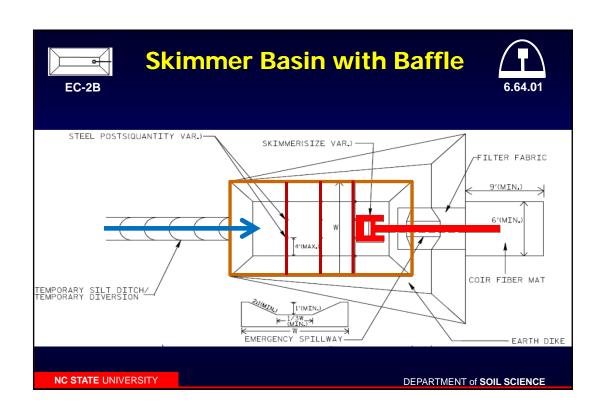


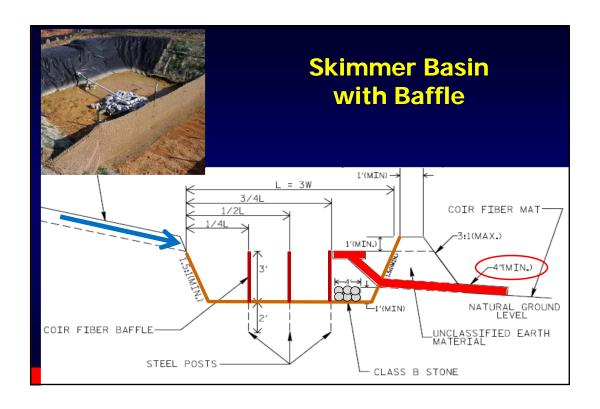
- EC-2B
- Used in basins as a surface outlet
- Function: Dewaters between storms by skimming the 'cleanest' water off surface
- Materials:
  - -Skimmer kit



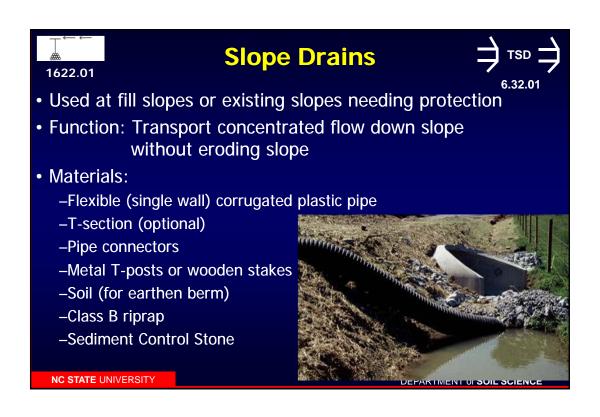
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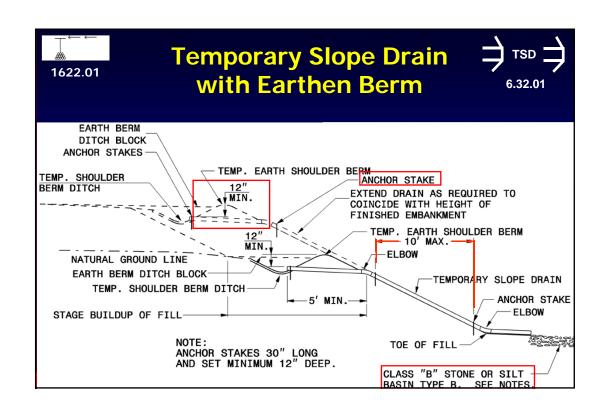




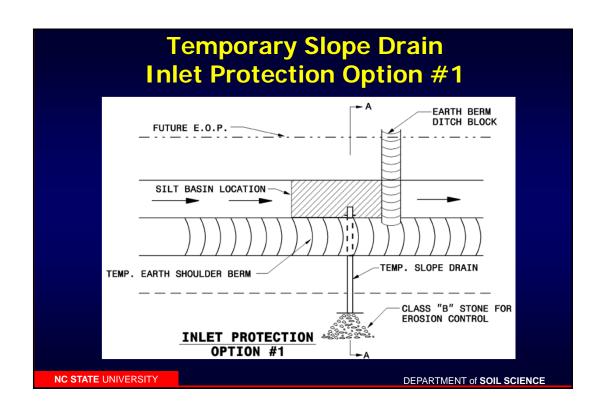


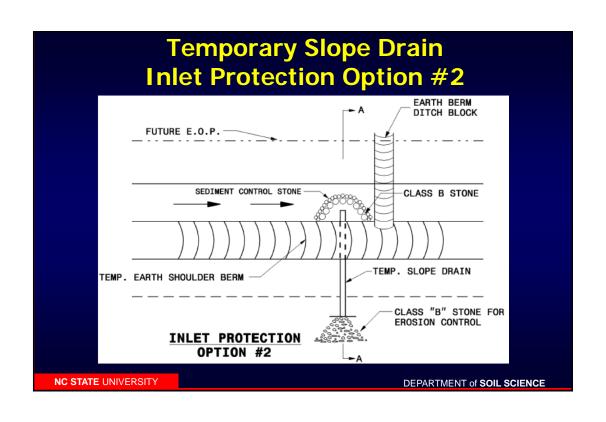
















### **Inlet Protection**

- •Used at Drop Inlets, Curb Inlets and Slope Drain Inlets
- •Function: Pool water temporarily to drop out sediment before entering pipe or drop box





### **Rock Inlet Sediment Traps – Type A/B**

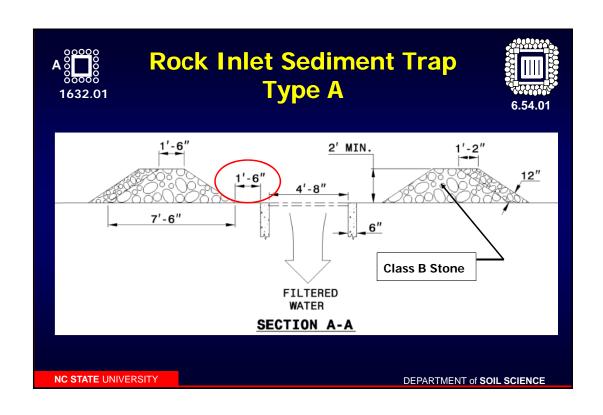
- •Stone dam around a drop inlet that receives high flow
- •Slows flow creating a pool for settling of sediment

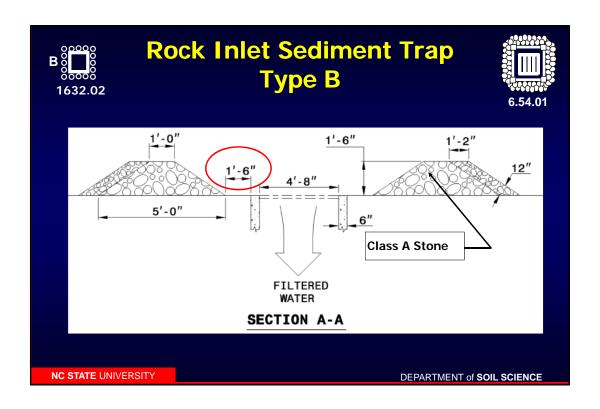


	Type A	Type B
Structure Stone	Class B	Class A
Dam Height (min.)	2 ft	18 inches
Sediment Control Stone (#5 or #57)	yes	yes
Distance from travel lane	>30 ft.	<30 ft.

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# Rock Inlet Sediment Trap Type C

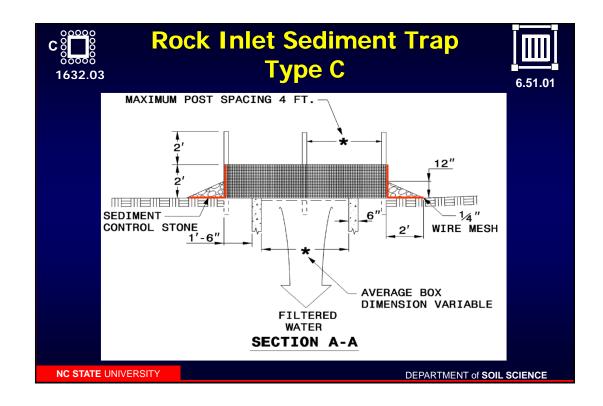


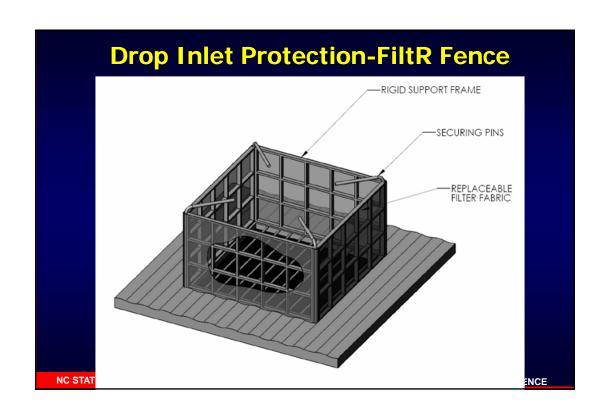
- Small protective structure around an inlet that receives light to moderate flow
- Slows flow creating a pool for settling of sediment
- Materials:
  - T-Posts
  - Hardware Cloth
  - Cable Ties
  - Sediment Control Stone



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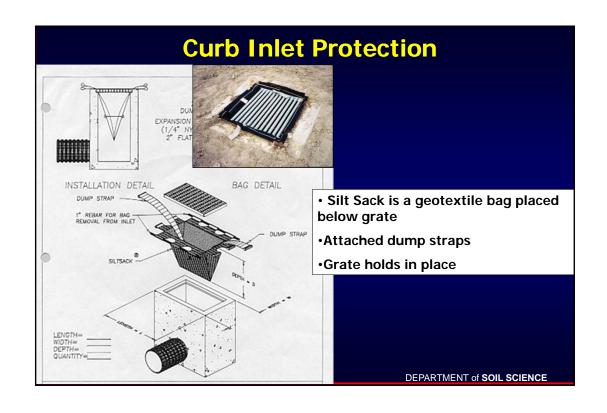














# Quick Review! Quick Review!

