### Table:

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<th>INLET</th>
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<td>5'-0&quot;d</td>
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### Notes:

1. For inlets larger than 10", the design and dimensions will be determined for each particular case.
2. Pre-cast separators are to have all specified holes either core-bored or cast in place.

### Diagram:

- **4" Roof Vents**
- **1/8" Long Bend CI**
- **CI Tee**
- **Outlet to Sanitary Sewer**
- **Extra Heavy CI Pipe**
- **8" Poured in Place Concrete**
- **8" Solid Concrete Blocks with Full Mortared Joints**
- **Wrought Iron Steps**
- **Portland Cement Mortar Used**
- **All Inlet Traps to be Provided in Accordance with 248 CMR 2.00**
- **All Inlet Traps to be Provided in Accordance with 248 CMR 2.00**
- **Aluminum or Plastic Coated Wrought Iron Steps Can Be Used.**

### General Construction Notes:

- Basin to be located outside of building where possible; cover to have a center hole.
- A tight cover must be used if basin is located inside of building.
- Opening shall be not less than 24" dia.
- The catch basin shall be so located and constructed that surface water shall be excluded.
- Inlet pipe shall be at least four inches above normal water line.
- Where subject to frost or crushing conditions, outlet shall be at least three feet below the surface.
- The new catch basin must be filled with clean water before using, and after being emptied for periodic cleaning.
- All oil and gasoline must be removed before cleaning out the basin, and must not be discharged into the sewer through other fixtures.
- Specifications for covering special cases or conditions, shall be approved by the local authorities, and the authorities of the M.W.R.A.
- Wrought iron steps shall be spaced about 18" apart.
- Both vents shall be extended independently 18" above the roof, or as approved by the local authorities, and the authorities of the M.W.R.A.
- Outlet pipe to be 45 degree angle.

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**Boston Water and Sewer Commission**

**APPROVED OIL AND GREASE SEPARATOR DESIGN**

Scale: Not To Scale

**DATE:** Sept. 30, 2012

**DETAIL NO.:** G-01