

GUIDLEINES FOR GRIT AND OIL SEPARATORS

A. APPLICATION

A grit and oil separator, hereinafter called a Particle Separator, shall be installed where outdoor parking and paved areas are being drained or otherwise as required by the Boston Water and Sewer Commission (BWSC). For additional information, see BWSC's Standard Details.

It is emphasized that the use of Particle Separators does not eliminate the need for oil separators in indoor parking garages as detailed in requirement 12 of BWSC's Site Plan Data for Sewers. In addition, separate requirements apply at gas stations and where fuel oil is being handled.

B. DESIGN CRITERIA

For all new and substantial rehabilitation projects and anything else that BWSC requires, developers must follow the Massachusetts Department of Environmental Protection Stormwater Management Policies dated 2008.

C. GENERAL CONDITIONS

1. Roof drains should bypass the Particle Separator and discharge directly to a storm or combined sewer. This will reduce the size of Particle Separator required and result in more effective use of the unit which is installed.
2. Roof top parking garages shall discharge through an outside particle separator prior to discharge into an infiltration system, followed by discharging into a storm or combined sewer. For details, see Section B-11d of the Standard Details.
3. The Particle Separator shall be located in such a position that it is accessible at all times for routine maintenance or the emergency removal of oil or chemical spills.
4. Particle Separators shall be inspected and cleaned frequently and at a minimum twice annually. Floating oil and sediment (or any hazardous material found therein) shall be removed by a properly licensed contractor and disposed of in accordance with State and Federal Regulations.
5. If a large oil spill occurs, the oil that is retained in the Particle Separator shall be removed immediately.
6. If a spill of any chemical substance or hazardous material occurs every possible effort shall be made to retain the spill within the Particle Separator, and have it removed and disposed of in a proper manner.
7. BWSC reserves the right to enter and inspect the condition, test the contents and monitor the operation of any Particle Separator which discharges to the public sewer system.