

CITY OF KIRKLAND

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DEPARTMENT OF PUBLIC WORKS PRE-APPROVED PLANS POLICY

Policy G-4: FUELING STATION BEST MANAGEMENT PRACTICES

The following Best Management Practices (BMPs) are required for all new gas stations, fueling areas or underground tank replacement permits:

1. The fuel island shall be paved using Portland cement concrete, not asphalt and be designed to contain fuel spills. The fuel island shall be designed as a spill containment pad and sized to prevent the runoff of spilled fuel and the run-on of stormwater from surrounding pavement. Parking lot stormwater shall be discharged to the stormwater drainage system, not the sanitary sewer system.
2. Liquids spilled on the fuel island shall be collected in drains, either trench drains or catch basins. The pad shall be sloped towards the drains. The drain(s) shall be connected to the sanitary sewer or process treatment. The drain shall have a valve to allow shutoff in the event of a large fuel spill and a baffled oil/water separator vault to minimize the flow of fuels into the sewer.
3. The fuel island shall be covered to prevent the direct entry of precipitation onto the spill containment pad (see Figure 1 on attached sheet). The roof/canopy shall, at a minimum, cover the spill containment pad and preferably extend several additional feet to prevent windblown rain from entering.

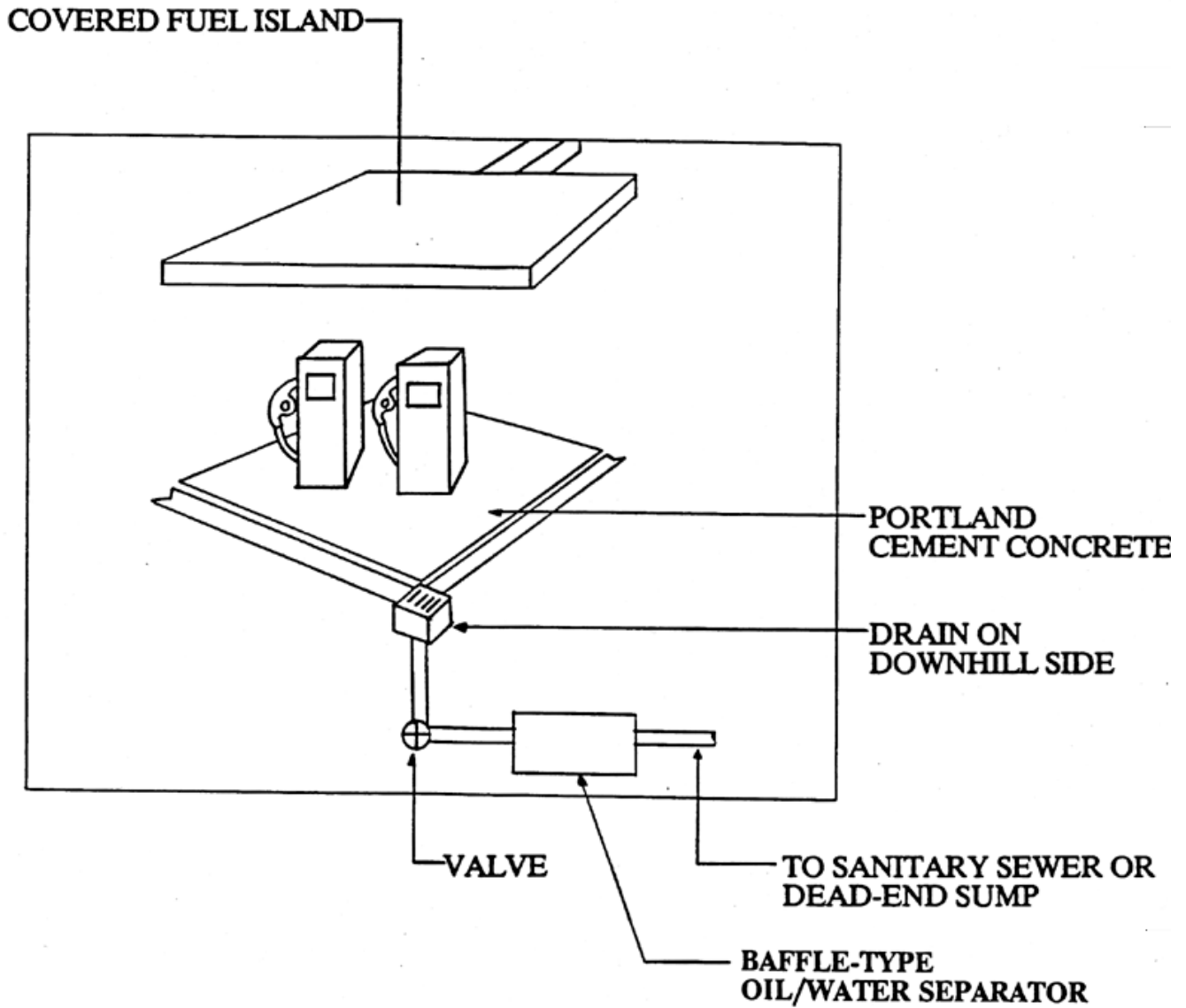


FIG. 1 - FUEL ISLAND DETAIL