**TYPE I SKIMMER**

**GENERAL NOTES**

1. The French-Drain Skimmer is a heated elbow, mounted over an outlet in a catch-basin, that prevents oil and floating debris from entering the basin. Use this skimmer in French-drain catch-basins and in other locations where there is a need to prevent oil, dirt, or other floating contaminants from entering sanitary sewers.

2. Place neoprene gasket material between the elbow and the catch-basin or outlet pipe of outlet. Trim the gasket material to extend 1/4” beyond the joint on all sides.

3. Skimmer baffles, cleated pipe and elbows shall be primarily comprised of either galvanized steel, aluminum, polyethylene, polyethylene, fiberglass or other materials that resist corrosion.

4. Mounting hardware, pipe and elbow shall be all-weather. Use a protective device such as a strain relief hose or other protective wrap.

5. Materials used in construction of skimmer baffles and cleated pipe shall comply with Standard Specifications 943 for steel, 945 for aluminum or 948 for plastics.

6. All seals for furnishing and installing a french-drain skimmer shall be included in the cost of the basin in which it is installed. If not furnished, the skimmer shall be paid for as a separate item.

7. Plastic Skimmers shall contain a minimum of 1.5% by weight of carbon black for UV protection.

**DESIGN NOTES**

1. The contractor may submit an alternative design pre-fabricated French-Drain Skimmer for approval by the engineer.

2. Slope in the basin, the location of the skimmer and the interior skimmer (in the basin) shall be terminated.

3. Type II Skimmer shall be based on the outlet pipe diameter as shown in the dimension table.

4. Type II Skimmers are to be used only with outlet pipe diameters of 12", 18", and 24".

**TYPE II SKIMMER**

**TOP VIEW**

**SCHEMATIC**

The types of alarms are used in the design of the basin wall on which they are mounted. Slope in the pipe, the relief required for correct travel of water. Apply to both skimmer types.