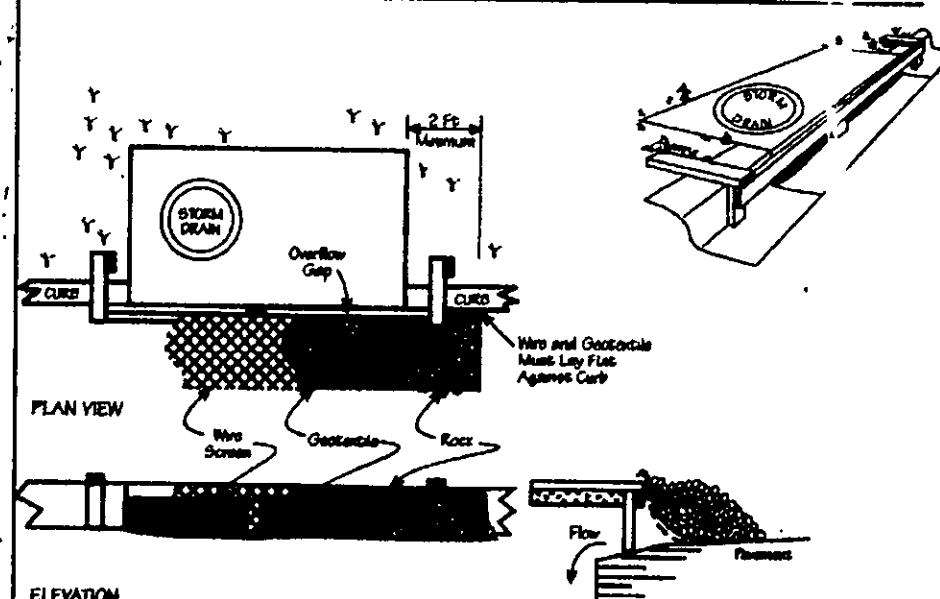
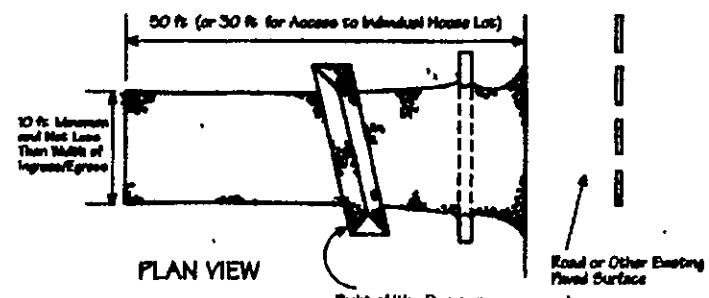


**Specifications
for
Curb Inlet Protection**



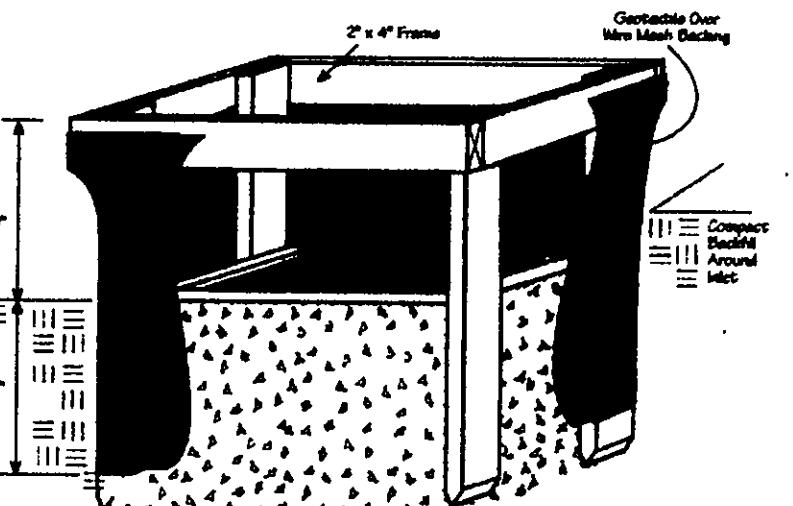
1. Inlet protection shall be constructed either before upslope land disturbance begins or before the storm drain becomes operational.
2. The wooden frame is to be constructed of 2-by-4-in construction-grade lumber. The end splices shall be a minimum of 1 ft beyond both ends of the throat opening. The anchors shall be nested to 2-by-4-in stakes driven on the opposite side of the curb.
3. The wire mesh shall be of sufficient strength to support fabric and stone. It shall be a continuous piece with a maximum width of 30 in and 4 ft longer than the throat length of the inlet, 2 ft on each side.
4. Geotextile cloth shall have an equivalent opening size (EOS) of 20-40 sq in and be resistant to sunlight. It shall be at least the same size as the wire mesh.
5. The wire mesh and geotextile cloth shall be formed to the concrete gutter and against the face of the curb on both a side of the inlet and securely fastened to the 2-by-4-in frame.
6. Two-inch stone shall be placed over the wire mesh and geotextile in such a manner as to prevent water from entering the inlet under or around the geotextile cloth.

**Specifications
for
Construction Entrance**



1. Stone Size—Two-inch stone shall be used, or recycled concrete equivalent.
2. Length—The construction entrance shall be as long as required to stabilize high traffic areas but not less than 50 ft (except on single residence lot where a 20-ft minimum length applies).
3. Thickness—The stone layer shall be at least 6 in thick.
4. Width—The entrance shall be at least 10 ft wide, but not less than the full width at points where ingress or egress occurs.
5. Bedding—A geotextile shall be placed over the entire area prior to placing stone. It shall have a Grab Tensile Strength of at least 200 lb and a Mullen Burst Strength of at least 180 lb.
6. Culvert—A pipe or culvert shall be constructed under the entrance if needed to prevent surface water flowing across the entrance from being directed out onto paved surfaces.

**Specifications
for
Inlet Protection in Swales, Ditch Lines or Yard Inlets**



1. Inlet protection shall be constructed either before upslope land disturbance begins or before the storm drain becomes operational.
2. The earth around the inlet shall be excavated completely to a depth of at least 18 in.
3. The wooden frame shall be constructed of 2-by-4-in construction-grade lumber. The 2-by-4-in posts shall be driven 1 ft into the ground at four corners of the inlet and the top portion of 2-by-4-in frame assembled using the overlap joint shown. The top of the frame shall be at least 6 in below adjacent roads if ponded water would pose a safety hazard to traffic.
4. Wire mesh shall be of sufficient strength to support fabric with water fully emulsified against it. It shall be stretched tightly around the frame and fastened securely to the frame.
5. Geotextile shall have an equivalent opening size of 20-40 sq in and be resistant to sunlight. It shall be stretched tightly around the frame and fastened securely to the frame.
6. Backfill shall be placed around the inlet in compacted 6-in layers until the earth is even with notch elevation on ends and top elevation on sides.
7. A compacted earth dike or a check dam shall be constructed in the ditch line below the inlet if the inlet is not in a depression and runoff bypassing the inlet will not flow to a standing pool. The top of earth dike shall be at least 6 in higher than the top of the frame.

**Specifications
for
Silt Fence**

