NOTE:
1. At end of project, catch basin can be raised as needed plugging open course of block with mortar.
2. Riser can be built as a standard catch basin/junction box (with weep holes) in receiving wall and be utilized as such when project is stable.
3. If drainage area is over 5 acres then this structure needs to be treated as a riser structure and all related information needs to be supplied, (trash rack, elevations, and anti-floatable)

Catch Basin Riser

No. 57 Washed Stone BERM

Concrete Block Catch Basin

Sediment Storage Zone

Galvanized Hardware Cloth W/ 1/2" Grid

Culvert Pipe

Flow

Future Storm Drain Pipe

Baffles

(See Std. SW-20.05)

Concrete Footing Pad

No. 57 Washed Stone Filter Laid Against Hardware Cloth (1:1 Max. Slope)

Clean Out Point (1/2 Depth Sediment Storage Zone)

Section View

Perspective View

Concrete Block Catch Basin

Sediment Storage Zone (Total Basin Capacity)

Flood Storage Zone

Galvanized Hardware Cloth 1/2" X 1/2" Grid

Flow

Over Flow

Concrete Footing Pad

Culvert Pipe