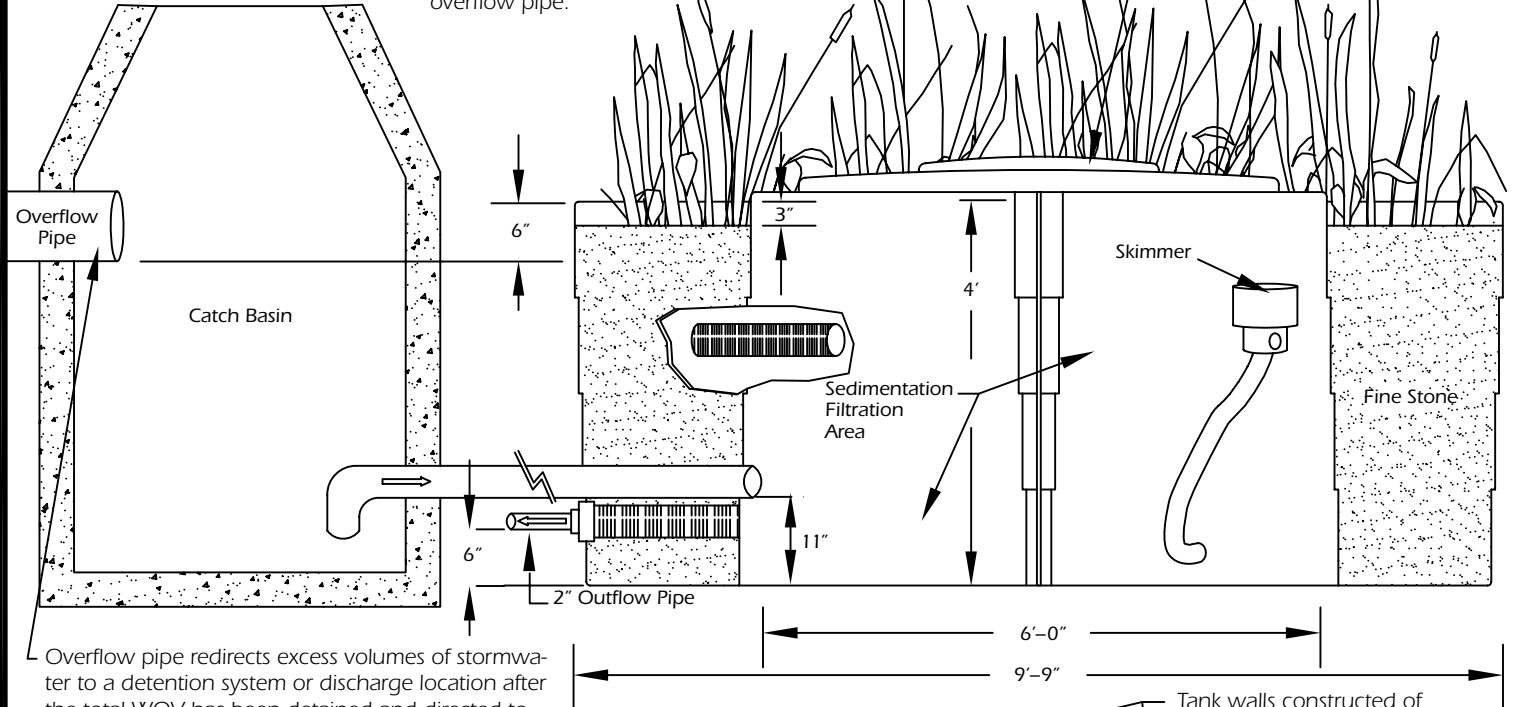


65 Little River Road
Cotuit MA 02635
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Wetland plants species vary by location, respective climate and habitat zone but generally consist of common sedges and rushes such as soft rush and bulrush. STS representatives or local nurseries can provide assistance with plant selection.

NOTE: Set top of StormTreat™ Tank 6" above invert elevation of overflow pipe.

Manhole cover (attached w/12 pent-head, vandal-proof, security bolts).



Overflow pipe redirects excess volumes of stormwater to a detention system or discharge location after the total WQV has been detained and directed to the STS tanks for treatment.

4" slotted pipes - provided by manufacturer

Wetland Substrata: 24" in length, comprised of thoroughly washed 3/8" minus rice or bank-run stone. Do not use crushed stone as fines may contribute to decreased filter life.

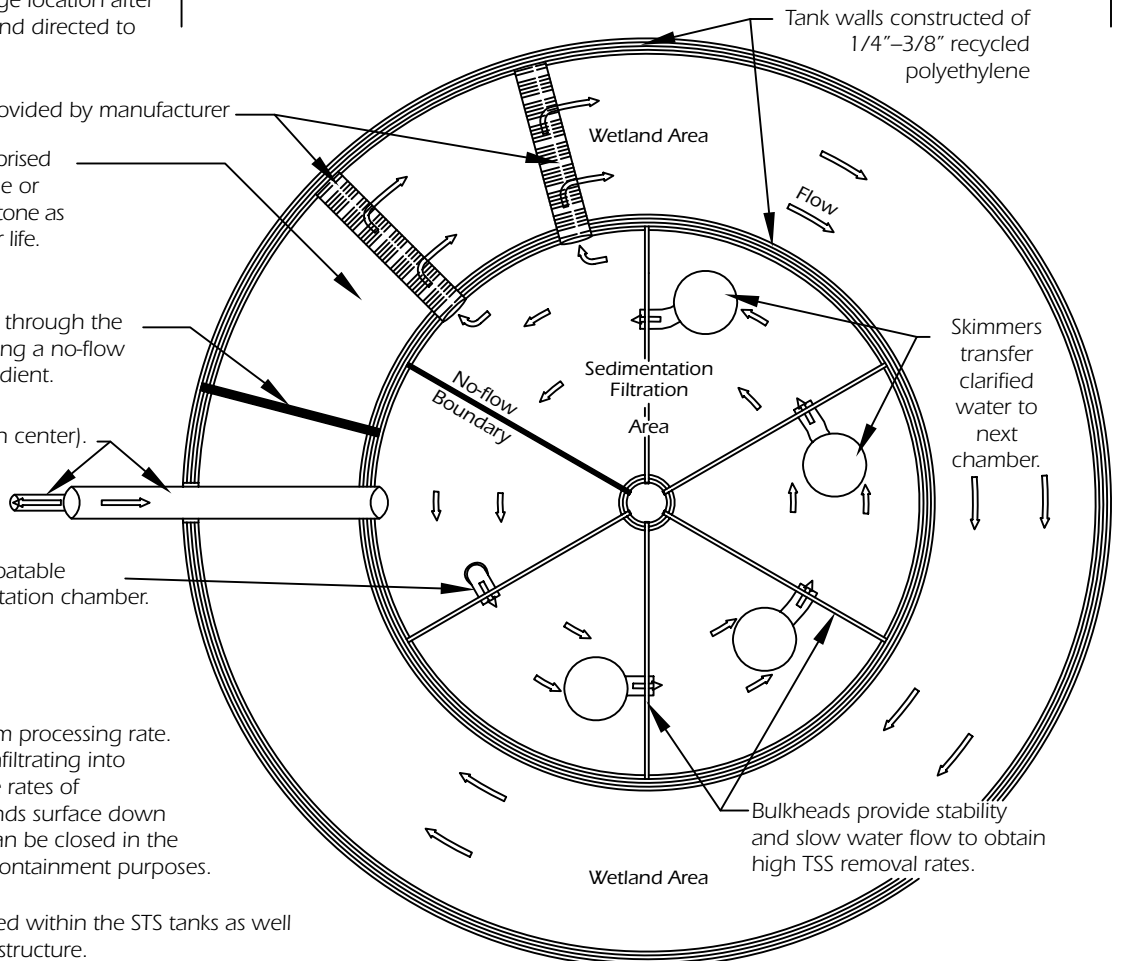
Solid bulkhead directs water through the wetland system by establishing a no-flow boundary and hydraulic gradient.

Inflow & outflow pipes (on center).

Oil & grease trap: traps floatable hydrocarbons in sedimentation chamber.

Outlet control valve used to set system processing rate. Discharge can occur subsurface by infiltrating into permeable soils due to low discharge rates of 1-2 gpm per tank, or can occur at lands surface down slope of STS tanks. The outlet valve can be closed in the event of a hazardous waste spill for containment purposes.

Detention of the total WQV is provided within the STS tanks as well as externally in a standard detention structure.



Tank walls constructed of 1/4"-3/8" recycled polyethylene

Skimmers transfer clarified water to next chamber.

Bulkheads provide stability and slow water flow to obtain high TSS removal rates.