



First flush/wash piping is calculated at 10 gal/1000ft², eccentric fitting is utilized to reduce to automation valve size.

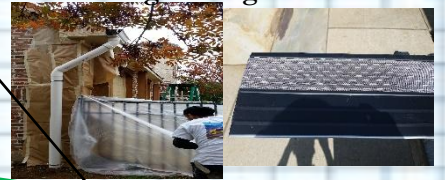
Conveyance system drains to underground tank to percolate into the aquifer or utilized for irrigation



This 1" valve closes when the rain sensor activates, this allows the first flush to fill, seating a ball on the eccentric fitting allowing filling of the tank. At a set time after the rain event, the 1" valve opens to drain the conveyance system, converting conveyance system from *wet* to *dry*.

Tank tie-in, utilizing gravity 4" PVC conveyance pipe from below grade, into the top of the tank.

Typ. downspout locations 4" sch. 40 PVC to guttering, attached with 1/2" allthread and galvanized split ring clamps. Filtration cover at guttering to 400 micron.



Overhead or "dry" conveyance system, secondary rainwater supply to tank.

Rain sensor

Rain garden

Rainwater Tank

Plan View from above

Conveyance Piping Diagram & Details

4" Schedule 40 PVC Conveyance line piping below grade with fall to tank

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