

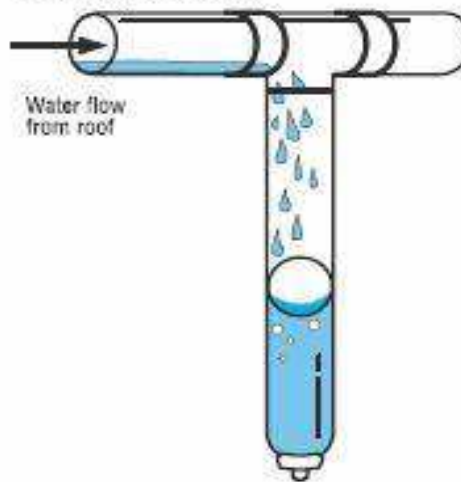




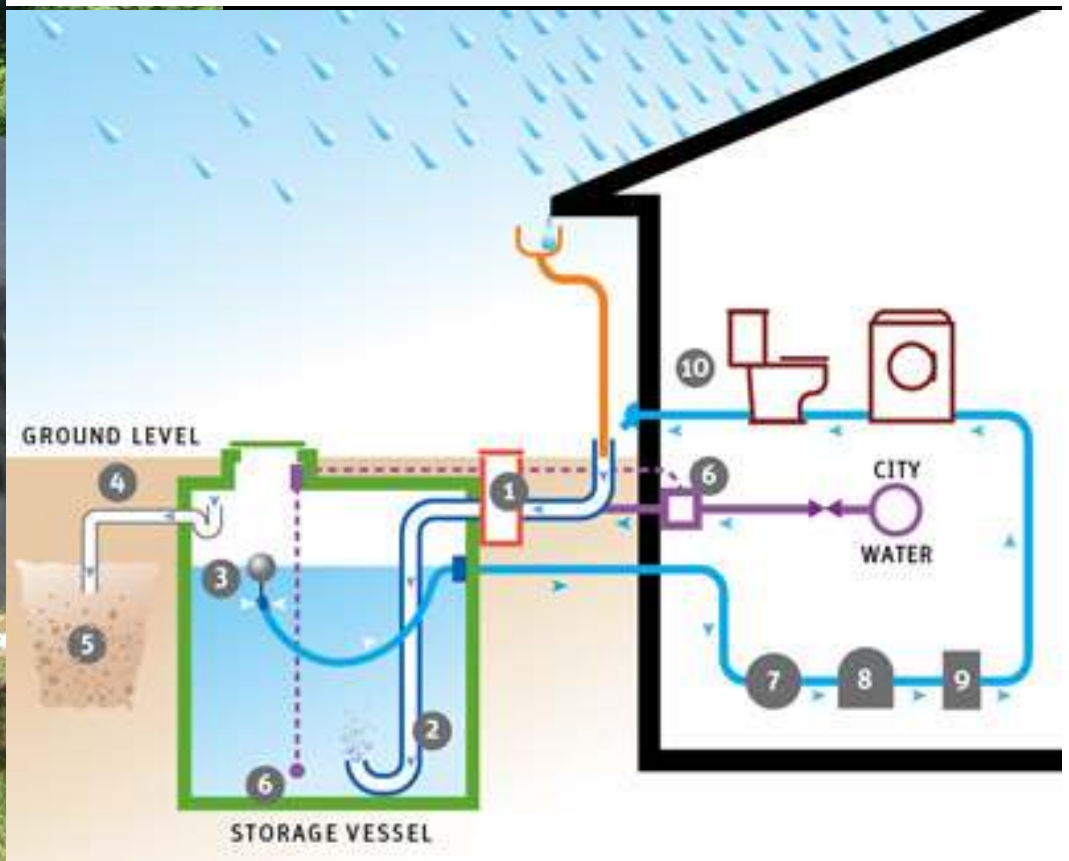
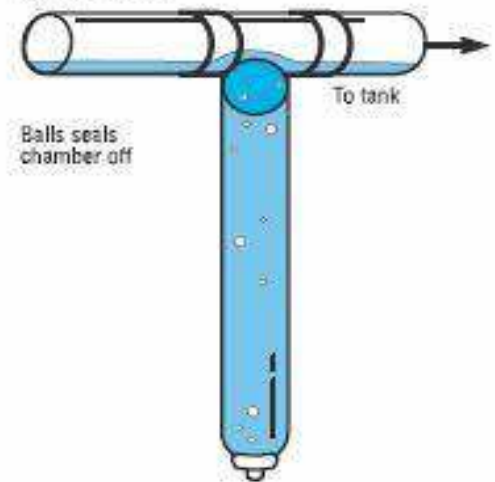




First flush of contaminated water is diverted into chamber



Once chamber is full fresh water flows to tank



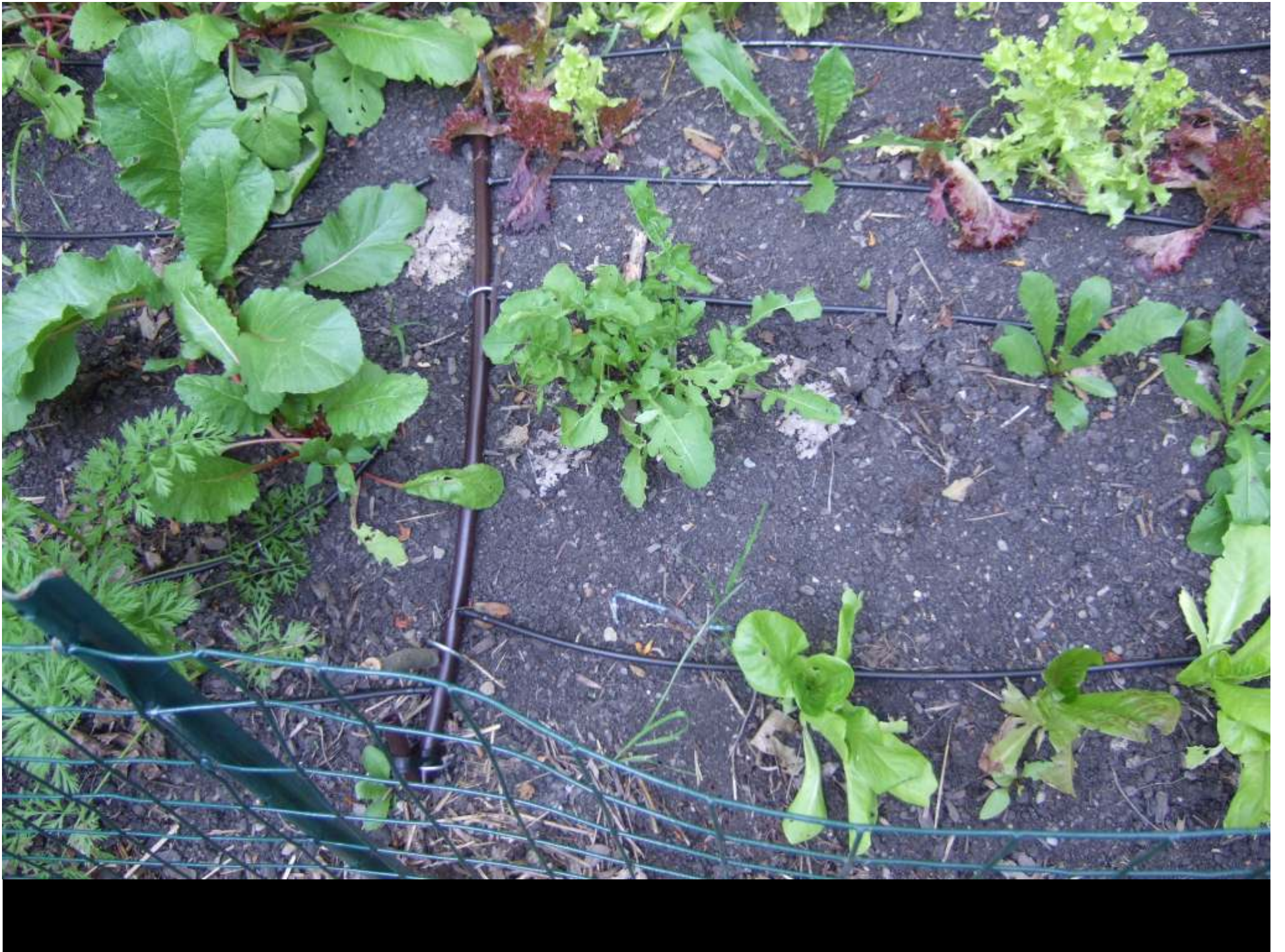






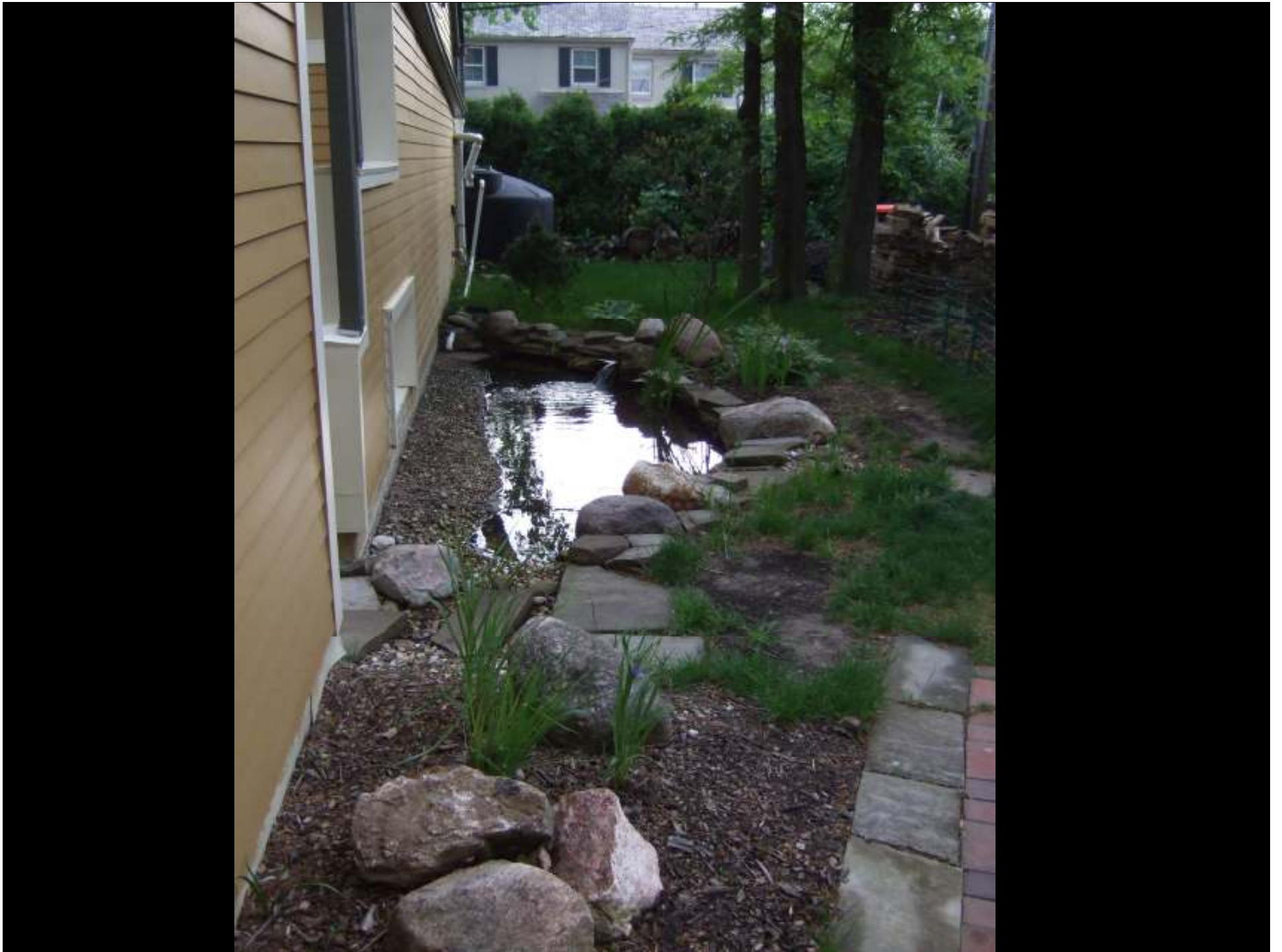












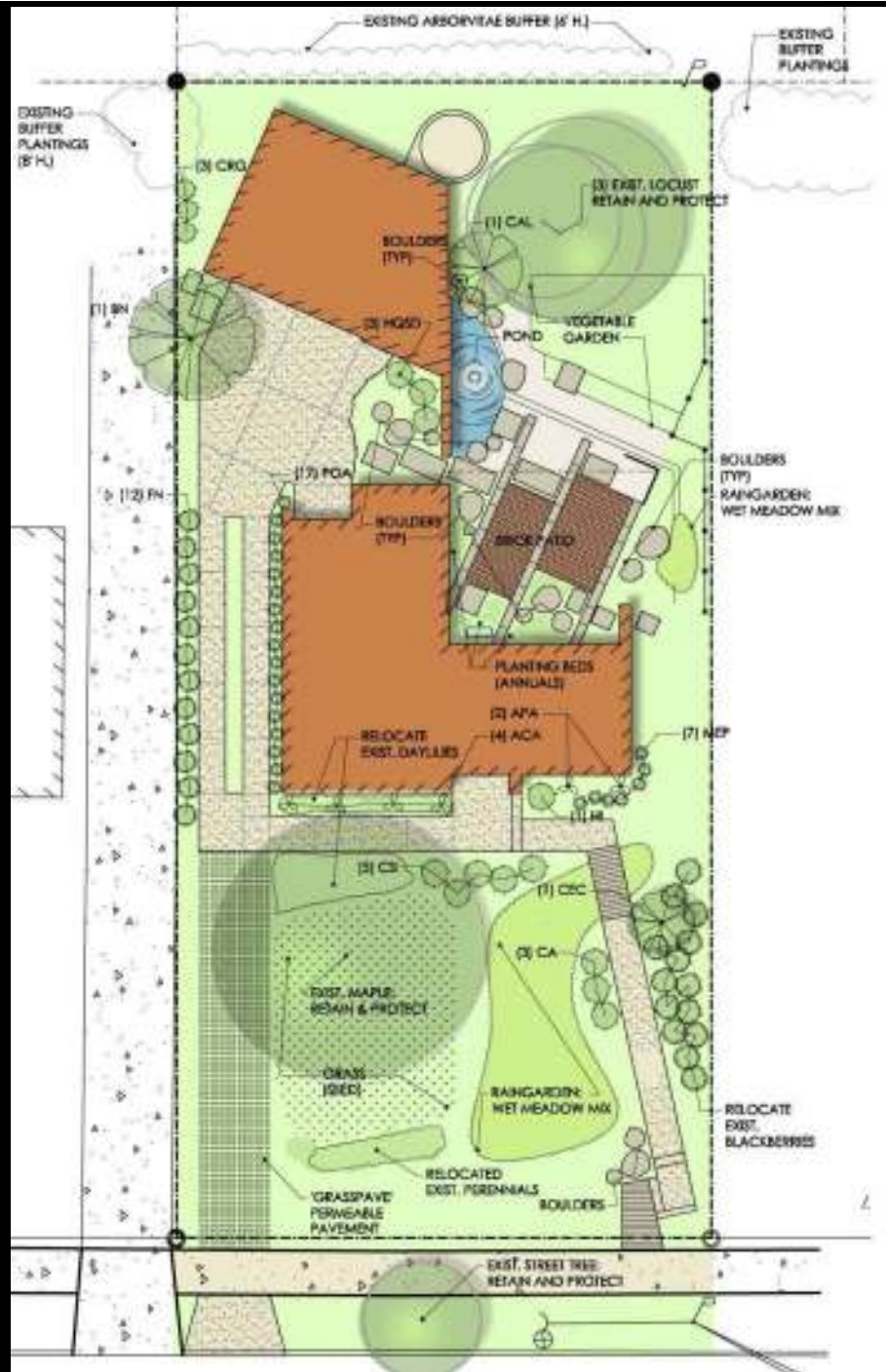




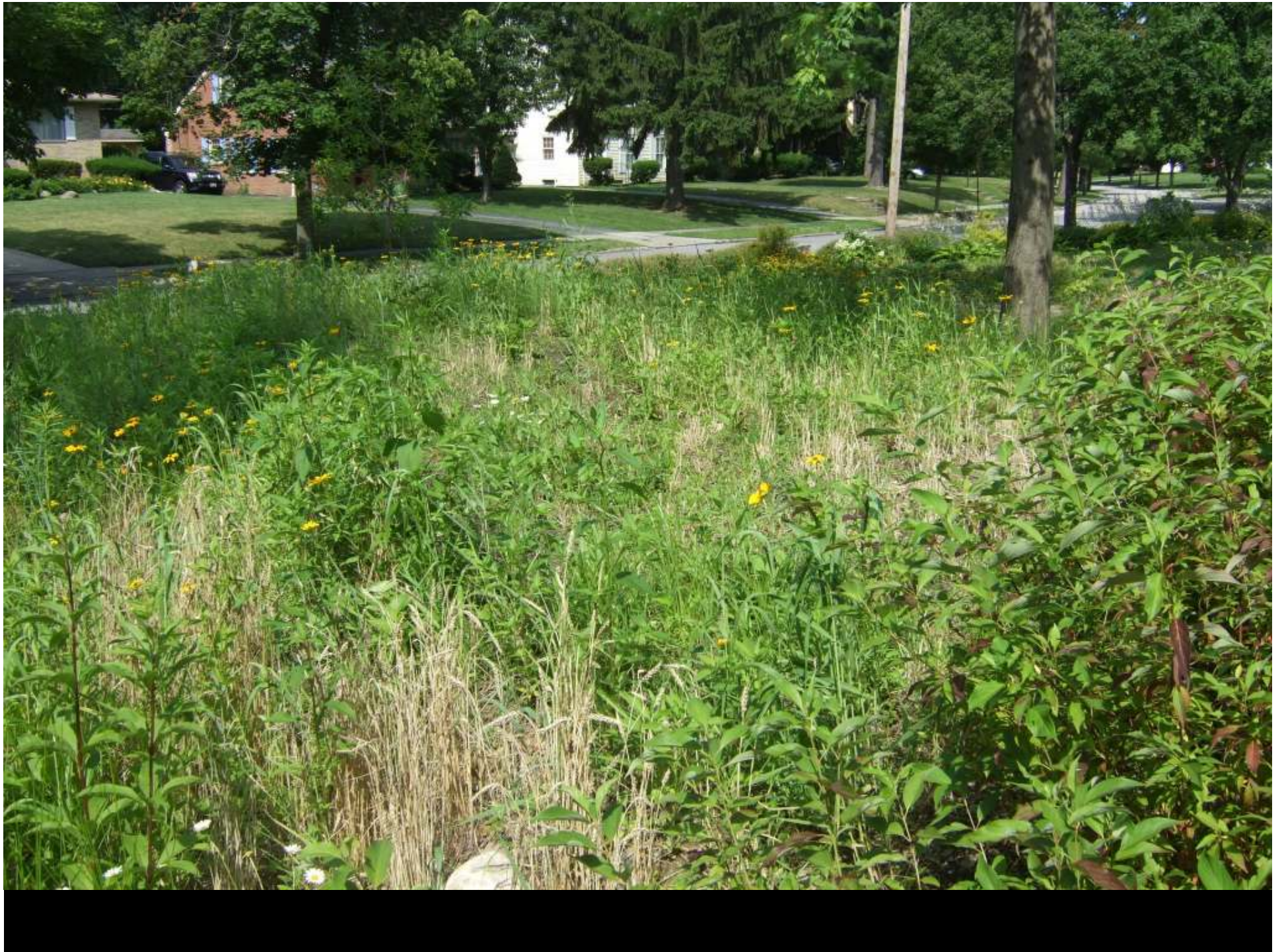


















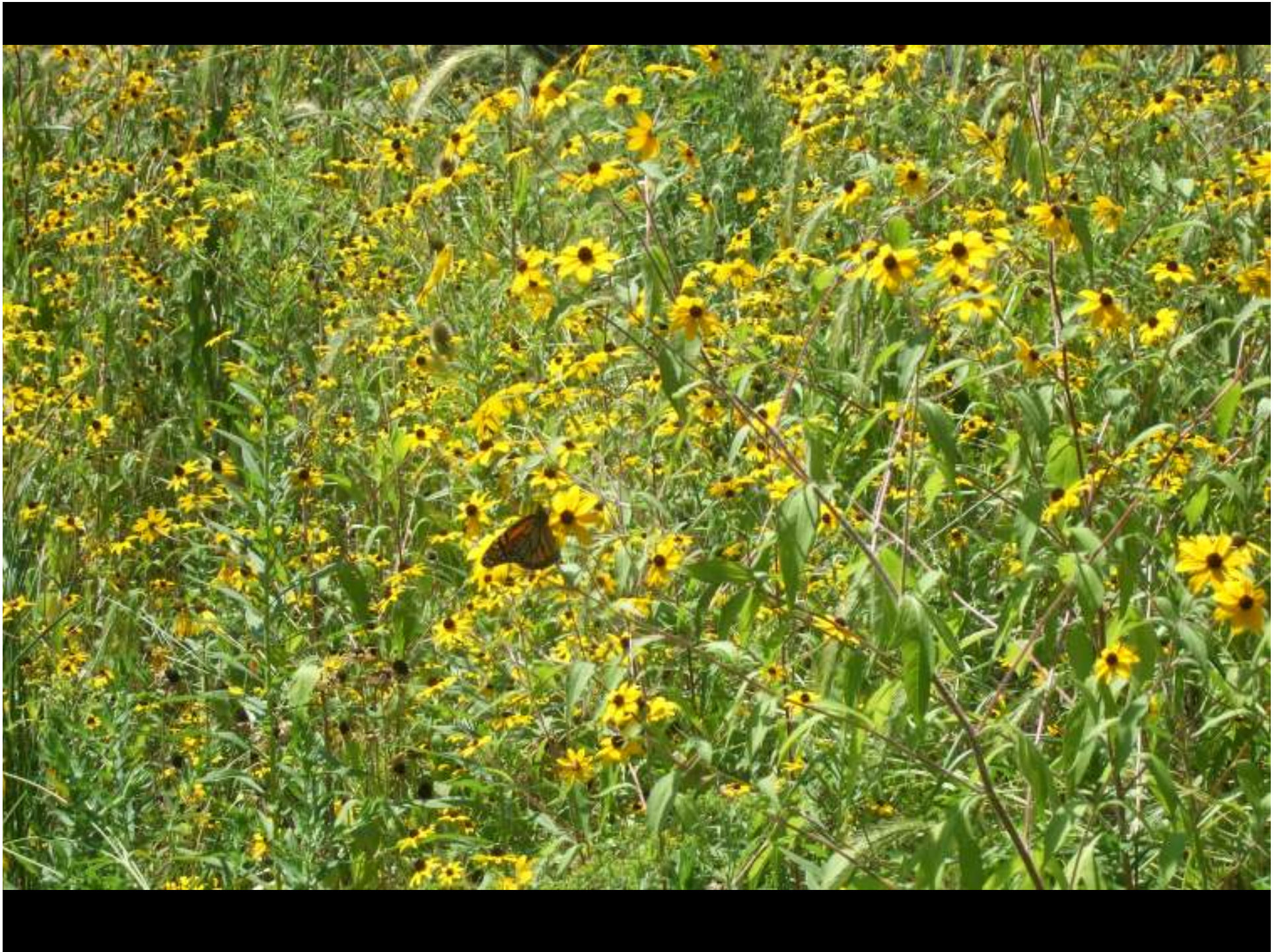


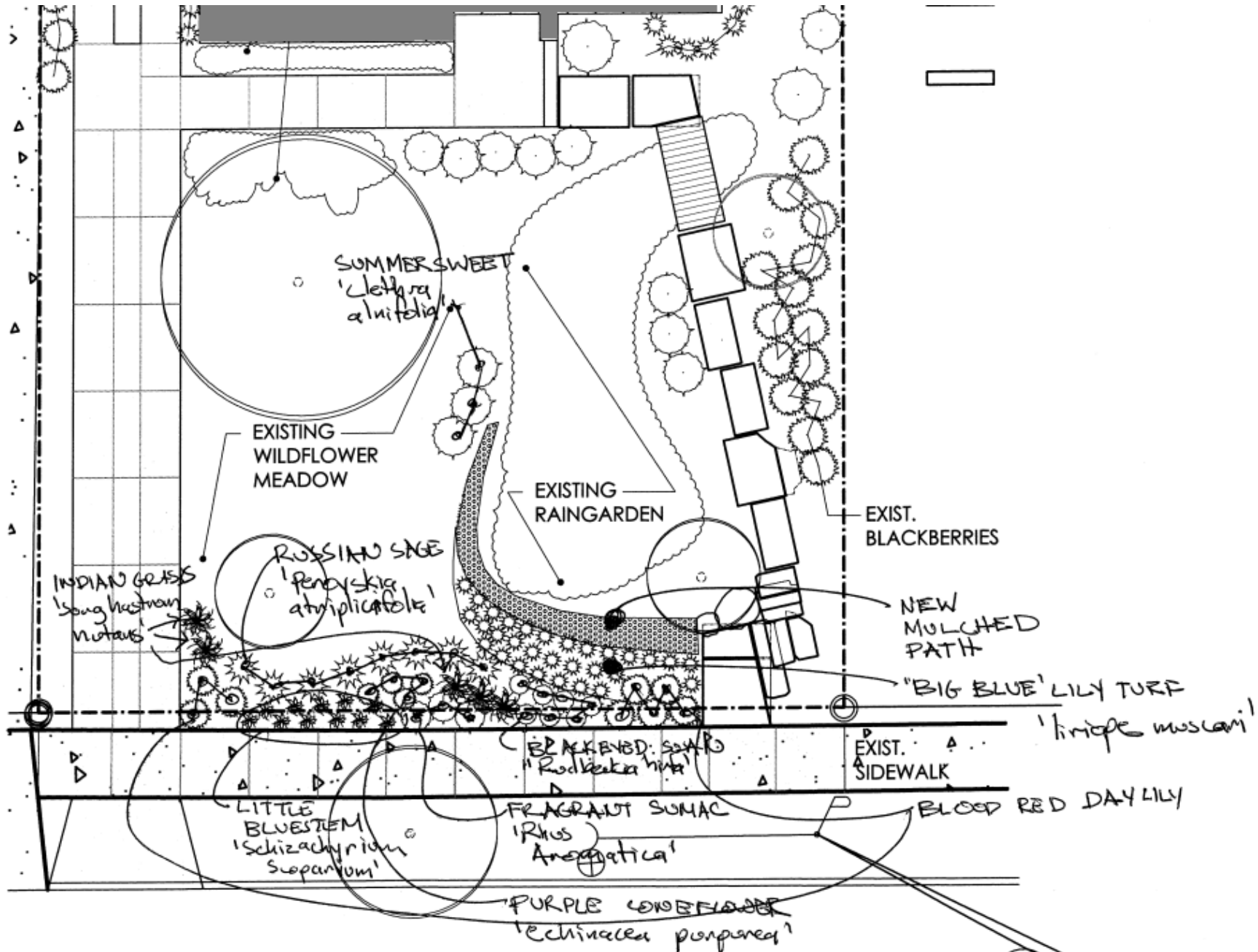








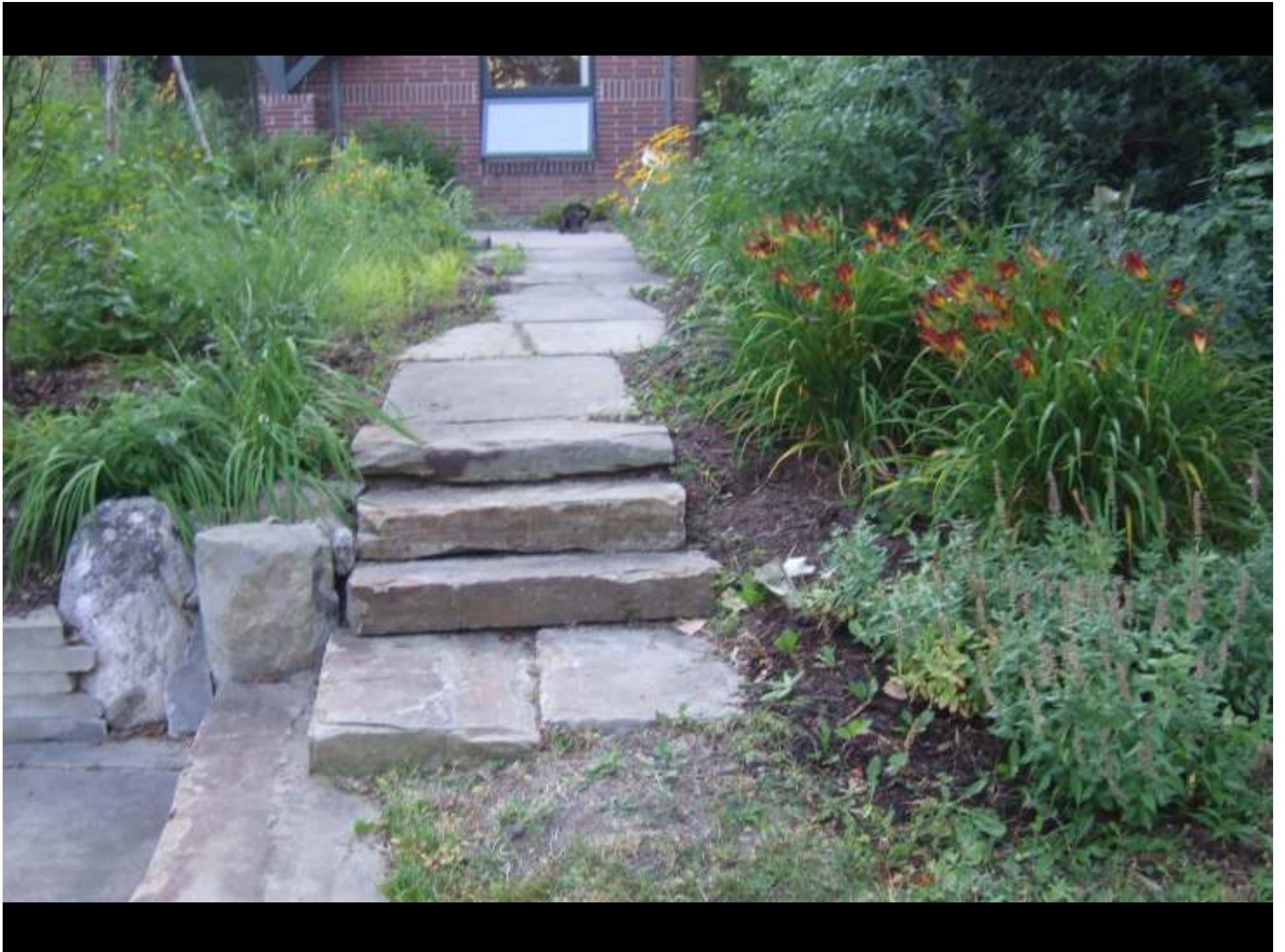


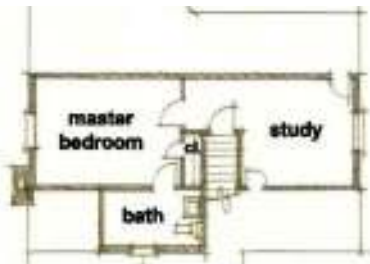


# Landscaping Plan

Scale: 1" = 10'-0"







**Existing Second Floor Plan**



**Existing back entrance**



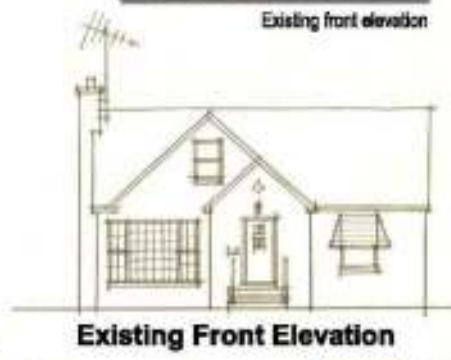
**Existing dining area**



**Existing front elevation**



**Existing First Floor Plan**



**Existing Front Elevation**



First Floor Plan



Proposed upper level plan



Proposed front elevation

**architectural elements**

- [a] Paint existing brick entrance. Install new entry door
- [b] New metal entry canopy
- [c] New outdoor deck with trellis above
- [d] New patio doors in existing window opening - lower existing masonry sill.
- [e] New energy efficient replacement windows throughout, typ.
- [f] New shed dormer w/ roof-mounted photovoltaic panels
- [g] New skylights
- [h] Remove upper level of wall to open up stair



Rain Garden



Photovoltaic panels



Wood Trellis



Permeable Pavement

















## HOW HIGH POINT DRAINAGE WORKS TO RECHARGE OUR GROUNDWATER AND PROTECT THE CREEK

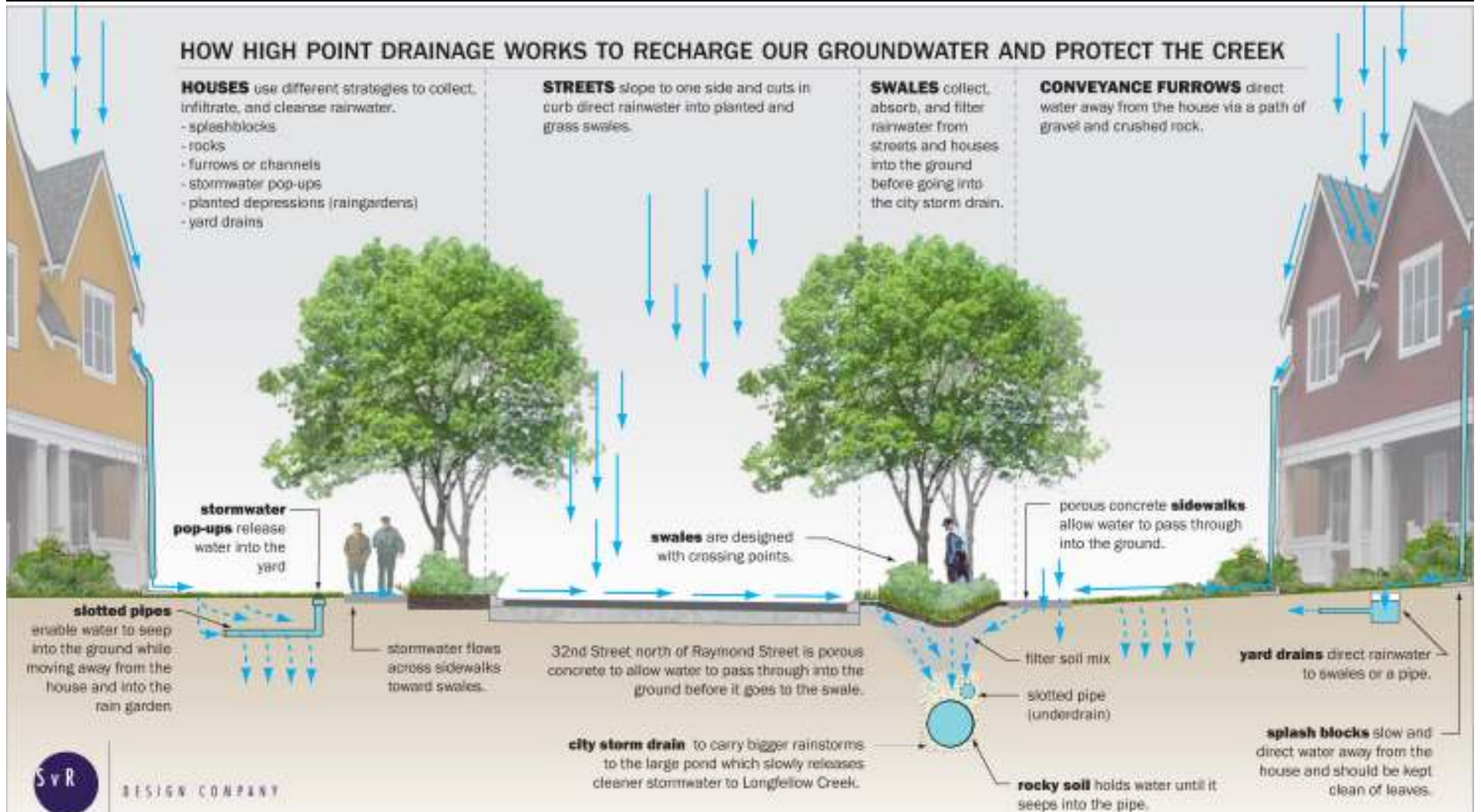
**HOUSES** use different strategies to collect, infiltrate, and cleanse rainwater.

- splashblocks
- rocks
- furrows or channels
- stormwater pop-ups
- planted depressions (raingardens)
- yard drains

**STREETS** slope to one side and cuts in curb direct rainwater into planted and grass swales.

**SWALES** collect, absorb, and filter rainwater from streets and houses into the ground before going into the city storm drain.

**CONVEYANCE FURROWS** direct water away from the house via a path of gravel and crushed rock.

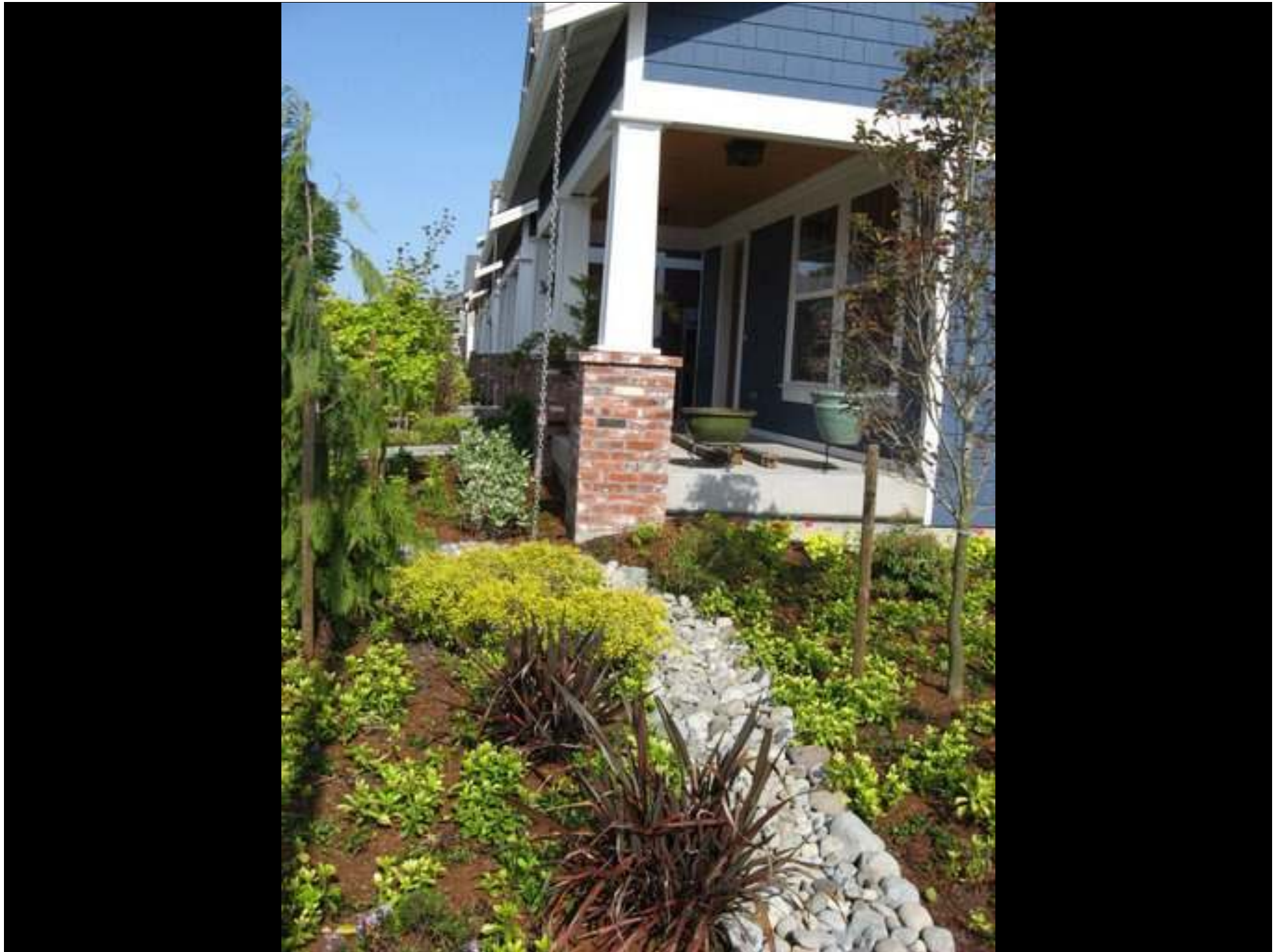


DESIGN COMPANY









**Village  
Homes**  
Davis, CA

Solar orientation



# Northeast Ohio Regional Sewer District



- Reduce impervious surface
- Disconnect downspout
- Install rain garden & pervious pavers

