1. WATER FROM THE ROOF DIRECTED INTO THE CISTERN
2. UNDERGROUND CISTERN
3. OVERFLOW FROM CISTERN
4. RAIN GARDEN
5. OVERFLOW FROM RAIN GARDEN
PHOTO | View of site facing southwest (Phase I construction)
PHOTO | View of site facing west (Phase I construction)
**Native Plant List**

**Perennials**
- *Asclepias tuberosa*  
Butterfly Milkweed
- *Lobelia cardinalis*  
Cardinal flower
- *Mertensia virginica*  
Virginia Bluebells
- *Tiarella cordifolia*  
Foam Flower

**Grasses**
- *Hystrich patula*  
Bottlebrush Grass
- *Sorghagrum nutans*  
Indian Grass

**Shrubs**
- *Cornus amomum*  
Silky Dogwood
- *Hydrangea arborescens*  
Wild Hydrangea
- *Rhododendron maximum*  
Rosebay
- *Sambucus canadenis*  
Common Elderberry
- *Spiraea alba*  
Meadowsweet
- *Viburnum dentatum*  
Arrowwood Viburnum

**Trees**
- *Aesculus glabra*  
Horse Chestnut
- *Betula nigra*  
River Birch
DRAINAGE AREA AND RUNOFF CALCULATIONS

Drainage area 1a impacts the cistern collection as well as the rain garden via any overflow; drainage area 1b impacts the rain garden directly.
ILLUSTRATIVE PERSPECTIVE | Bird’s eye view of site design looking south (proposed)
Illustrative Perspective | View of systems