

HOLLYWOOD GATEWAY PARK



legend - hollywood gateway park

1. Entry Walk
2. Holly Hedgerow
3. Terraced Courtyard
4. Honey Locust Bosque
5. Riparian Plantings
6. Wall and Runnel System
7. Hollywood Sign



plantings + materials



honey locust



flowering milkweed



goldenrod



entry sign concept



smooth aster



cinnamon fern



black eyed susan



corten edging

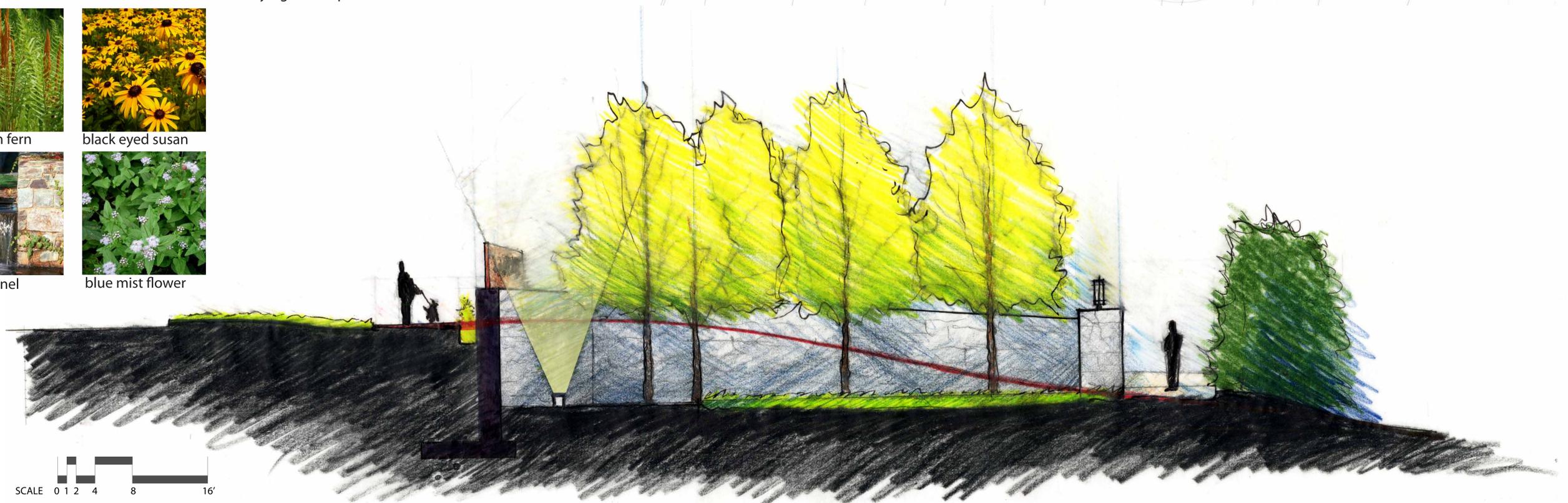


stone runnel



blue mist flower

site section

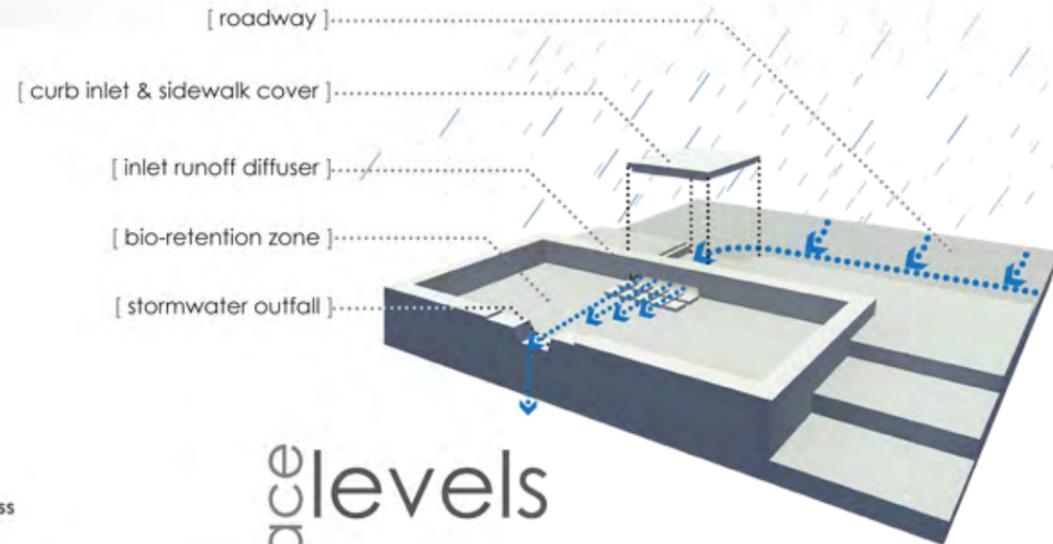
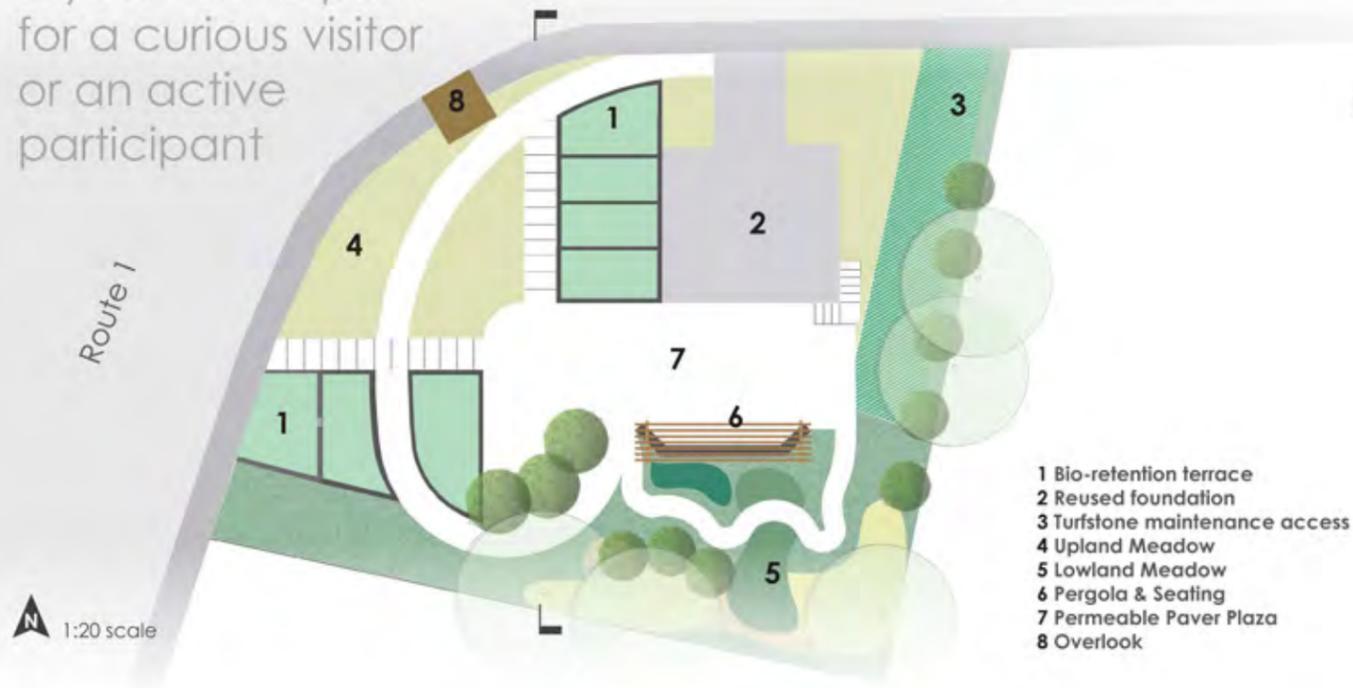


ECO-PARK

levels of engagement

a year-round park for a curious visitor or an active participant

Edgewood Rd.



terrace levels

present throughout the site, the terrace levels serve as bio-retention cells that catch stormwater runoff from surrounding impervious surface areas, and filter the runoff on the site. Each level receives a different volume of runoff, thusly each terrace descending into the site represents different plant species tolerant of different growing conditions.

User Groups



spring



Edgewood Rd. Terrace Levels Bio-retention Cells - Capture stormwater runoff from roadway and filter it through vegetation and soil. Experimental Planters Locals study how rainwater infiltrates the ground via a permeable paver plaza. Pergola Clematis journeys up posts. Lowland Meadow Native grasses and bluebell perennials emerge.

summer



Edgewood Rd. Terrace Levels Bio-retention Cells. Experimental Planters Outdoor classes and events focus on new planting species, techniques & methods. Pergola Event seating shaded by clematis. Lowland Meadow Peak lushness, with emerging wildflowers.

autumn



Edgewood Rd. Terrace Levels Bio-retention Cells. Experimental Planters Summer experiments carry-over into cold weather. Pergola Clematis recedes. Lowland Meadow Colorful foliage drapes the park.

winter



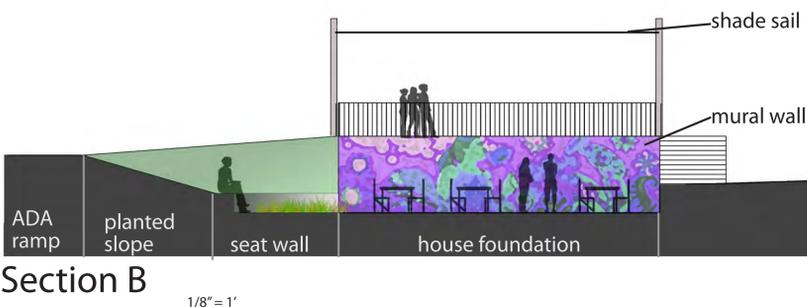
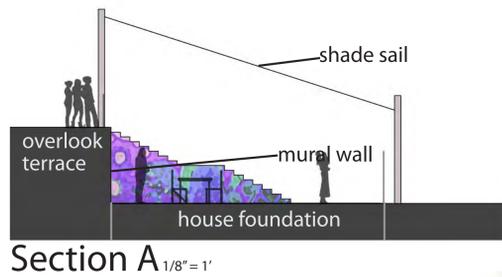
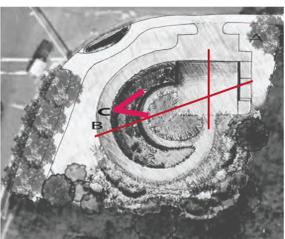
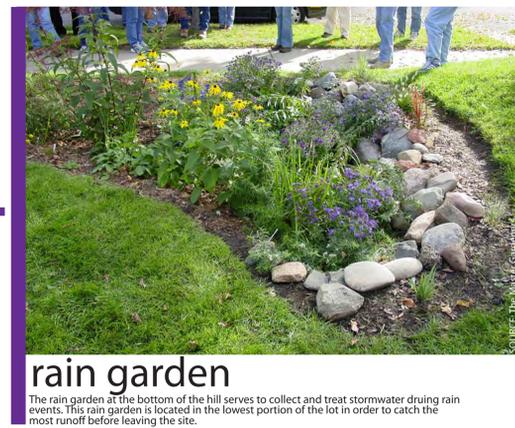
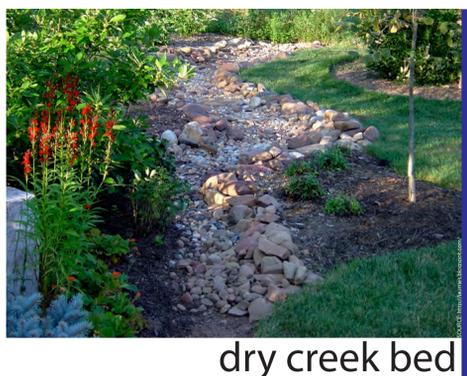
Edgewood Rd. Terrace Levels Bio-retention Cells. Experimental Planters Showcase of winter favorites. Pergola Vines create texture. Lowland Meadow Winterberry dots the meadow.

HOLLY WOOD GATEWAY & ECO PARK

My design for the Hollywood Gateway and Eco-Park is oriented around sustainability and community involvement. I wanted to create a place that serves as the entrance and introduction to the community of Hollywood. This park also serves to educate the public about this community as well as sustainable practices. A dry creek bed and accompanying plantings on the east and southern edges of the site serve to prevent erosion and direct stormwater runoff to the rain garden, situated at the south east corner of the site.



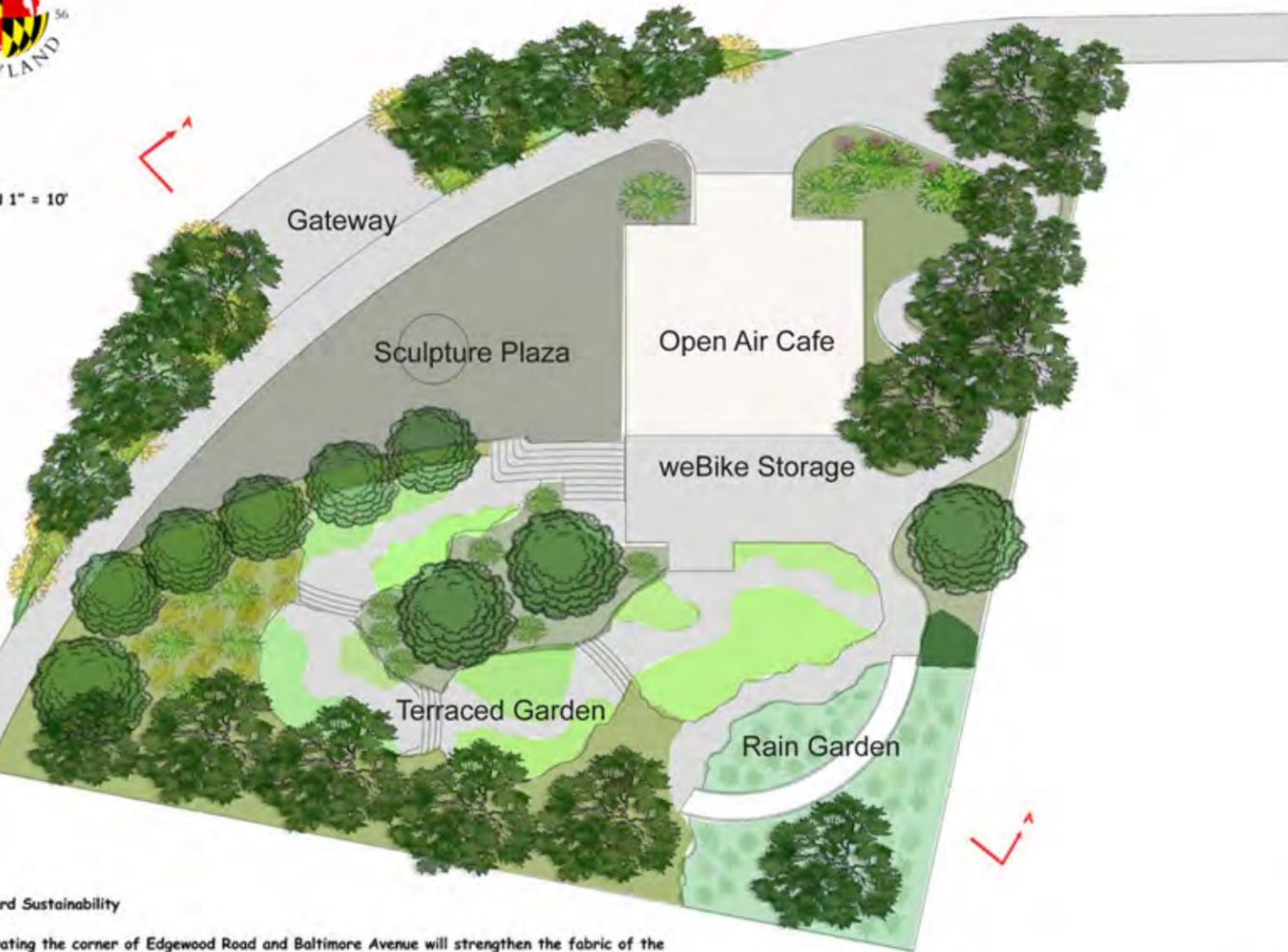
My design uses the foundation of the existing house as the primary gathering space, equipped with tables and chairs and shaded by a shade sail. On the walls surrounding this space, I have proposed a mural wall as a means to involve the community with the design and construction of this park. These mural walls can serve as an **art project for local school children.**





PLAN 1" = 10'

Bike + Pedestrian Path

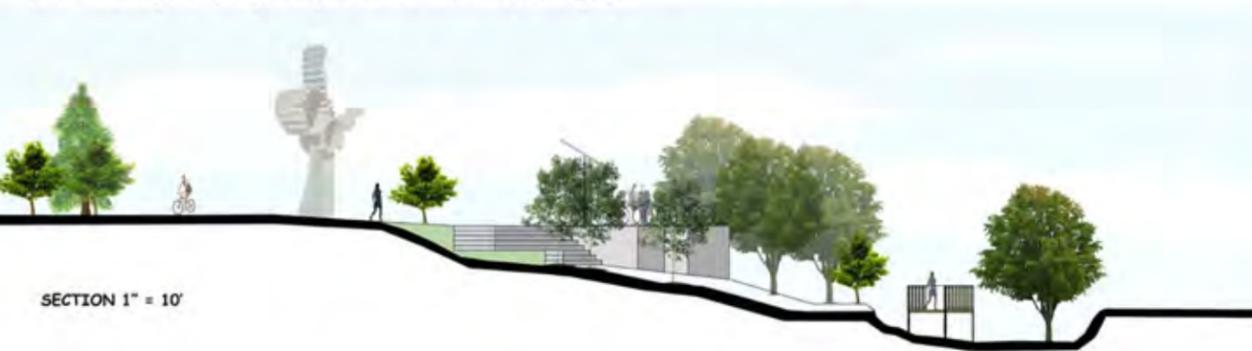


Toward Sustainability

Activating the corner of Edgewood Road and Baltimore Avenue will strengthen the fabric of the community with opportunities for recreation, gathering and transportation.

This design proposes the following:

- A bike and pedestrian path which connects existing paths in the community
- A bike share hub in the existing structure
- A planting scheme and sculpture plaza to beautify and activate the corner
- Sustainable features like a rain garden, native plantings, encouragement to use non-automobile transportation, permeable paving, repurposing existing infrastructure and interpretive signage



SECTION 1" = 10'



weBike™
collegiate bike sharing



PERSPECTIVE

PLANTING DIAGRAM



Flowers & Groundcover
 -Chrysogonum virginianum (Green and gold)
 -Physostegia virginiana (obedient plant)
 Sedum ternatum (Wild stonecrop)

Shrubs
 -Hamamelis virginiana (Witch hazel)
 -Myrica pensylvanica (Northern Bayberry)
 -Sambucus canadensis (Elderberry)

Understory trees
 -Sassafras albidum (Sassafras)
 -Chionanthus virginicus (White fringetree)

Large canopy trees
 -Magnolia virginiana (Sweetbay magnolia)
 -Pinus taeda (Loblolly pine)
 -Quercus palustris (Pin oak)

Streetside
 -Hamamelis virginiana (Witch hazel)
 -Ilex opaca (American holly)

Garden Rooms
 -A mix of canopy trees, understory trees, shrubs, flowers, and groundcover as desired

Rain Garden
 -Carex stricta (Tussock sedge)
 -Ilex verticillata (Common winterberry)
 -Physostegia virginiana (obedient plant)
 -Symplocarpus foetidus (Skunk cabbage)



HOLLYWOOD ECO-PARK STROLLING GARDEN



Perspective looking South-Zen garden



Curved rock walls

Japanese pavilion



Zen garden, gravel



Design Inspiration: Japanese Strolling Garden

Inspired by Japanese Strolling and Zen gardens

A pedestrian bridge linking the site to the commercial development across Route 1

Japanese paths are reminiscent of naturally flowing streams & respect natural topography

Evergreen plantings provide year-round interest, are low maintenance, and enhance path experience

A pavilion for community gathering that can accommodate a variety of activities, inspired by Japanese pagoda and pavilions

A wet open comprised of sand or fine gravel in the southeast corner to filter stormwater runoff and provide groundwater infiltration, and provide an educational outdoor space

A pedestrian bridge inspired by traditional Japanese garden bridges linking the commercial development across Route 1.

Modern aesthetic path lighting inspired by traditional Japanese lanterns

A series of terraced rain gardens being the

Plant palette:

Limit the number of plant to 10 species or less (outside of rain gardens)

in order to limit colors and textures and enhance the feeling of serenity and harmony.

Evergreen trees and shrubs

Weeping willow (*Salix alba Tristis*)

Japanese Maple (*Acer palmatum*)

Yucca (*Yucca arborescens*)

Key Garden plants:

Waterberry (*Vaccinium corymbosum*)

Vertical Flower (*Sida cordata*)

Yucca (*Yucca arborescens*)

Wisteria or Beech (*Ligustrum sinense*)

Christmas fern (*Polystichum acrostichoides*) or Christmas fern (*Osmanthus sinensis*)

Section A: Looking North



Stepping stones

Rock pavers

Concept Plan



scale: 1" = 20'

Japanese strolling garden stream



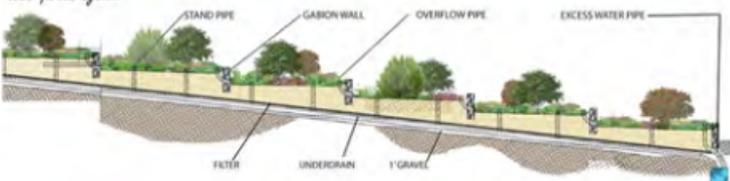
Japanese garden bridge



Pedestrian bridge is recreational park



Rain Garden System



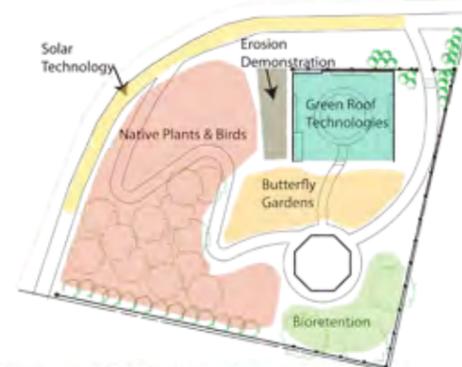
Japanese lighting



Hollywood Gateway and Educational Eco-Park



Outdoor Classroom / Eco Education Areas



Grove of Native Trees



Native trees are specifically adapted to the conditions of the local environment, but they are also important for providing wildlife with food and shelter. In this native grove, the trees and groundcover were selected for their ability to attract birds. From left to right: *Cercis canadensis* (eastern redbud), *Chionanthus virginicus* (fringetree), *Crataegus crus-galli* (cockspur hawthorn) with *Mitchella repens* (partridge berry) as groundcover.

Annual Birdhouse Festival
To engage students, they will be asked to build birdhouses with green technology in mind, which will be placed in the trees in an annual event.

Concept

The primary objective of this design is to provide a space that can be used as an outdoor classroom, but also can be educational for those of all ages who come to have a picnic or just relax. It is important that children begin thinking in terms of ecology, sustainability, and conservation at a young age, so they can enrich their own lives as well as help preserve our environment. Included are such features as a green roof, a bioretention area, and an erosion demonstration area to provide a hands-on learning opportunity for children, homeowners, and other interested parties. Also, throughout the park we have utilized native plants, which are important in that they provide food and shelter for wildlife, but from the management perspective they are more disease resistant than exotic plants and also adapted to the environment so they need less water, fertilizer and maintenance than exotic species.

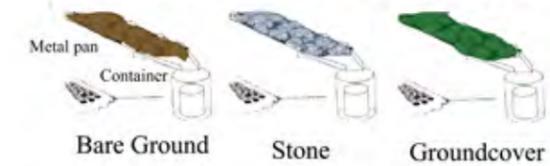
Green Roof (on foundation)



Streetscape



Erosion Demonstration Area



Bioretention



Plant List

- Bioretention Area**
Athyrium filix-femina- lady fern
Betula nigra- river birch
Chamaecyparis calyculata- leatherleaf
Collinsia canadensis- horse balm
Ilex glabra- inkberry
- Butterfly Garden**
Asclepias incarnata- swamp milkweed
Asclepias tuberosa- butterfly weed
Chrysanthemum leucanthemum- ox-eye daisy
Helianthus annuus- sunflower
Myosotis sylvatica- Forget-me-not
Sedum spectabile 'Brilliant'- Brilliant sedum
Veronica spicata- veronica
- Erosion Demonstration Area**
Arcostaphylos uva-ursi- bearberry
- Fenceline**
Bignonia capreolata- cross vine
Fothergilla gardenii- dwarf fothergilla
Ilex verticillata- winterberry
- Green Roof Foundation**
Allium schoenoprasum- wild chives
Allium cernuum- nodding onion
Bignonia capreolata- cross vine
Diosperma nubigenum- yellow ice plant
Rudbeckia hirta- black-eyed Susan
Sedums (*S. acre*, *S. album*, *S. floriferum*, *S. reflexum*, *S. spurium*)
Talinum calycium- rock pink
- Native Shrub and Wildflower Area**
Arcostaphylos uva-ursi- bearberry
Asters (*A. carolinianus*, *A. dumosus*, *A. novae-angliae*)
Baptisia australis- wild indigo
Camassia leichtlinii- quiantash
Juniperus communis- common juniper
Monarda didyma- scarlet bee balm
Myrica pensylvanica- northern bayberry
Rudbeckia hirta- black-eyed Susan
Schizachyrium scoparium- little bluestem
Thermopsis lanceolata- false lupine
- Native Tree Grove**
Cercis canadensis- eastern redbud
Chionanthus virginicus- fringetree
Crataegus crus-galli- cockspur hawthorn
Mitchella repens- partridge berry
- Streetscape**
Gleditsia triacanthos- honeylocust



Hollywood Eco-Art Park



MASTER PLAN

SCALE 1/8"=1'

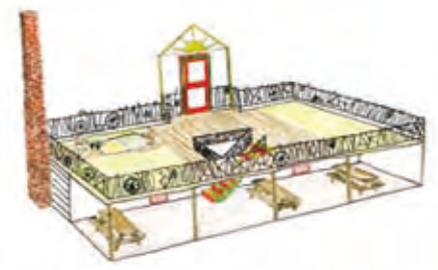


EDUCATING CITIZENS ABOUT...

1. REPURPOSING OLD MATERIALS
2. RAIN GARDENS
3. GREEN ROOFS
4. LOW ENERGY LIGHTING
5. PERMEABLE PAVERS
6. WALKABLE COMMUNITIES
7. WILDLIFE HABITAT & BIODIVERSITY
8. EROSION PREVENTION
9. NATIVE PLANTS
10. URBAN FORESTRY



DETAIL



PERSPECTIVE 1: HOUSE DETAIL



PERSPECTIVE 2: GREEN ROOF "LIVING ROOM"

SECTION A: THROUGH EARTH WORKS AND PICNIC AREA
SCALE: 1/8"=1'



SECTION B: THROUGH RAIN GARDEN
SCALE: 1/8"=1'

