MINI-BAYSCAPE for Miramar Landing
Middle River, MD
1 - Single Family Detached House
June 12, 2016

Design - This design is intended to both frame of your house from the street, and contain your front yard so that it feels more like your own outdoor room. These plants can tolerate both sun and shade. The evergreen shrubs create a backdrop for the center of the yard, where you can add native perennials of your choice, such as Butterflyweed, Meadow Phlox, Wild Eastern Columbine, Rudbeckia, Wild Bleeding Heart, Spiderwort, Wild Blue Indigo.

PLANT LIST

<table>
<thead>
<tr>
<th>Code</th>
<th>Qty.</th>
<th>Type</th>
<th>Flower</th>
<th>Sun/Shade</th>
<th>Height</th>
<th>Bloom time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Color</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Native Shrubs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>2</td>
<td>Inkberry, Ilex glabra ‘Nigra’ *</td>
<td>white</td>
<td>sun/shade</td>
<td>6'</td>
<td>May - June</td>
</tr>
<tr>
<td>B</td>
<td>8</td>
<td>Inkberry, Ilex glabra ‘Shamrock’ *</td>
<td>white</td>
<td>sun/shade</td>
<td>4’ - 6’</td>
<td>May - June</td>
</tr>
<tr>
<td>Native Ground covers</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>12</td>
<td>Green &amp; Gold,</td>
<td>yellow</td>
<td>sun/shade</td>
<td>6”- 1’</td>
<td>March -June</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chrysogonum virginianum ‘Pierre’</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>12</td>
<td>Creeping Phlox subulata ‘Emerald Blue’</td>
<td>purple</td>
<td>sun/shade</td>
<td>4”</td>
<td>May - Sept.</td>
</tr>
</tbody>
</table>

* Evergreen

Design by PATRICIA CEGLIA pceglia@gunpowdervc.org gunpowdervalleyconservancy.org
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Middle River, MD

Planting Instructions

Native plants - Plants in this design are native to Maryland have been selected for their beauty and adaptability to your soil and climate conditions. This Mini-Bayscape will enhance your own habitat, and that of wildlife as well. Reference: Native Plant Guide Book  www.nps.gov/plants/pubs/chesapeake/

Where to purchase native plants/cost:  See the attached list of local nurseries. The retail cost of these native plants should be about $200 - $300.

Laying out the beds - layout out the bed shape with the measurements from your Bayscape plan. Use a garden hose to delineate the bed edge. Use flags or stakes to designate shrub locations. Place ground covers in between the shrubs at the perimeter of the bed.

What to do with existing plants - Existing shrubs can take the place of a similar size shrub in the design. Perennials can fill in open areas of the design.

Preparing the soil - Remove all grass with its roots, shaking off the top soil as you go. Water the soil with a hose or prepare your bed after a good rain. Till the soil as deeply as you can. Add 4' of compost, mixing it slightly into the soil with a digging fork. Add Mycorrhizae (Rooter’s Mycorrhizae Earth Juice, available on Amazon) to the soil around each shrub, following the directions on the bottle. This is an essential key to replicating native soil conditions to insure that these plants will thrive.

Planting - Plant largest plants first, smallest last. Dig holes twice as deep and twice as wide as pot each plant comes in. If plants are “pot bound,” loosen up the roots with your hands or cut them with the edge of a trowel. Put some of soil back into the bottom of the hole before planting the plant. Keep plant slightly higher than the surrounding soil surface, to account for settling when it rains.

Mulch - After planting apply 3” of undid pine wood mulch to keep the soil ph acid.

Watering - Water your Mini-Bayscape every day during its first season, unless it rains, making sure to saturate shrubs. Thereafter, water when dry. Consider installing a rain barrel at your nearby downspout to make watering free and easy! Contact the Gunpowder Valley Conservancy at: pperry@gunpowdervc.org

Paths - Paths can be stepping stones, wood chips, or “walkable” ground covers (dwarf clover/herbs, etc).

Seasonal maintenance - Pull weeds which may appear especially the first year, since soil disturbance has uncovered weed seeds. Deadhead perennials during the growing season to extend their blooming cycle. Fertilize by adding 2” of compost to your soil every fall or spring. Add mulch as necessary to a conserve soil moisture and temperature. Divide ground covers and perennials if they become shaded out by shrubs, or crowded over time and plant divisions in bare spots or elsewhere.

Pruning - Prune any shrub that eventually grows to exceed the 6’ neighborhood ordinance height limit, in winter when plant is dormant. Remove dead, damaged and crossing branches.
Natural Choices, Better Baltimore: Healthier Landscaping Solutions for Your Community
Resources List

NATIVE PLANT NURSERIES in the Baltimore Area
This is just a partial list of those within reach of Baltimore or those a little farther but with a large selection. Many nurseries have the capacity to ship or deliver plants from any location. For a full list of native plant nurseries in the Chesapeake Bay watershed states, see www.fws.gov/chesapeakebay/BayScapes/bsresources/bs-nurseries.htm.

Cone Brook Nursery
P.O. Box 177
2737 Grier Nursery Rd.
Forest Hill, MD 21050
410/838 4747
Retail by appointment; trees, shrubs, perennials, grasses

Earthly Pursuits, Inc.
2901 Kuntz Road
Windsor Mill, MD 21244
410/496 2523, fax 410/496 5894
mail@earthlypursuits.net
www.earthlypursuits.net
Retail; perennials, grasses, ferns

Herring Run's Native Nursery
6131 Hillen Rd.
Baltimore MD 21239
www.herrinrun.org/LearnSectionNativePlantNursery
Contact: Darin Crew, Herring Run Watershed Association, dere@herrinrun.org or 410-254-1577
Trees and shrubs

Homestead Gardens
743 W. Central Ave.
Davidsonville, MD 21035
800/300 5631
Retail 410/798 5000, fax 410/956 2926
Wholesale 410/798 1873, fax 410/798 0144
www.homesteadgardens.com
Wholesale and retail; trees, shrubs, perennials, grasses, vines

Kollar Environmental Associates and Nursery
5200 West Heaps Road
Pylesville, MD 21132
410/836 0500, fax 410/836 1931
kollar@earthlink.net
Wholesale and retail; trees, shrubs, perennials

Maryland Natives Nursery
9120 Hines Rd.
Baltimore, MD 21234
410/529 0552, fax 410/529 3883
mdn@qis.net
www.marylandnativesnursery.com
Wholesale; trees, shrubs, wetland herbaceous

Wickleins Water Gardens
1820 Cromwell Bridge Rd.
Baltimore, MD 21234
410/823 1335
sales@wickleinaquatics.com
www.wickleinaquatics.com
Wholesale and retail; aquatics and some natives

Wildlife Landscapes
14812 Jarrettsville Pike
Monkton, MD 21111
410/667 9453 email preferred, fax: (410) 667-9453
www.wildlifelandscapes.net
sales@wildlifelandscapes.net
Retail; by appointment only; trees, shrubs, perennials
Nurseries a little farther outside of Baltimore but not that far (1 hr or less) and worth the drive!

**Adkins Arboretum**  
12610 Eveland Road  
P.O. Box 100  
Ridgely, MD 21660  
410/634 2847, fax 410/634 2878  
adkinsar@intercom.net  
www.adkinsarboretum.org  
Retail, semiannual native plant sales

**John S. Ayton State Tree Nursery**  
3424 Gallagher Road  
Preston, MD 21655  
800/TREESMD (873-3763)  
410/673 2467, fax 410/673 7285  
anursery@dnr.state.md.us  
www.dnr.state.md.us/forests/nursery/  
Wholesale and retail; trees, shrubs (inexpensive seedlings for restoration projects)

**Behnke's Nursery**  
11300 Baltimore Ave. (US Rte 1)  
Beltsville, MD 20705  
301/937 1100, fax 301/937 8034  
AND 700 Watkins Park Drive  
Largo, MD 20772  
301/249 2492, fax 301/249 8987  
AND 9545 River Road  
Potomac, MD 20854  
301/983-9200, fax 301/469 5841  
www.behnke.com  
Retail; trees, shrubs, perennials

**Chesapeake Native Nursery**  
located in Davidsonville, MD  
mailing address only: 326 Boyd Avenue, #2  
Takoma Park, MD 20912  
301/270 4534 phone and fax  
SATangren@ChesapeakeNatives.com  
www.ChesapeakeNatives.com  
Wholesale and retail; seeds, perennials, grasses, 
limited shrubs and trees; by appointment; tours offered

**Environmental Concern, Inc.**  
P.O. Box P (201 Boundary Lane)  
St. Michael’s, MD 21663  
410/745 9620, fax 410/745 4066  
horticulture@wetland.org  
www.wetland.org  
Wholesale and retail; by appointment only  
wetland plants: trees, shrubs, herbaceous, grasses