Sustainable Site Design and Garden Re-mixes

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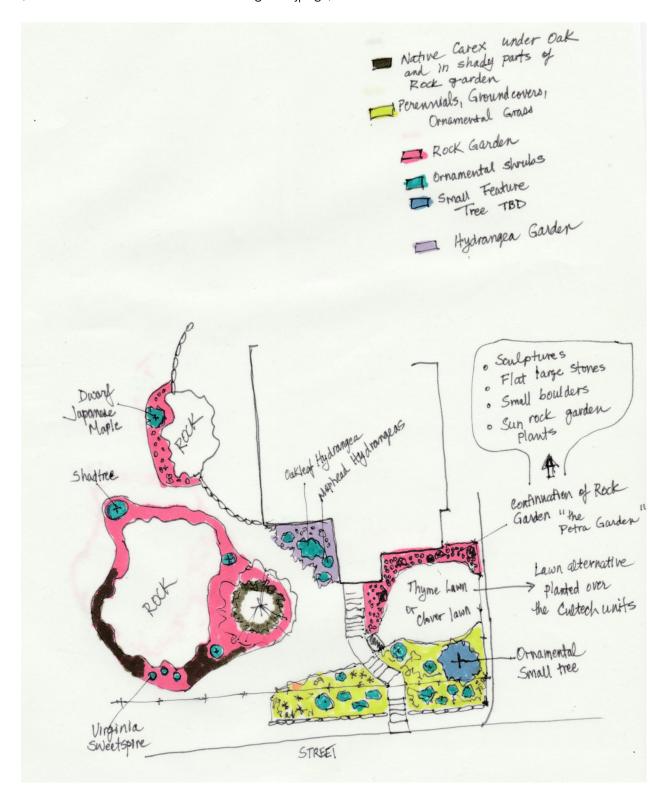
REVISED PRELIMINARY PLANTING PLAN

There are several new planting areas:

- A relatively narrow rock garden surrounding the existing rock outcrop areas. The Oak tree at the front of the house will be incorporated into the new planting bed that surrounds the larger rock outcrop. Its root zone will be protected by underplanting with native sedge and wild geranium. Both will spread through the space and create a natural, beneficial ecosystem.
- A hydrangea garden at the front left corner of the house between the front porch and the new addition. This planting bed will feature an Oakleaf Hydrangea and several different varieties of Mophead hydrangeas.
- Ornamental planting beds occupying the lower half of the front yard area in between the driveway and the new front walk. The areas flanking the front steps between the new fence and the existing stone retaining wall will also become garden beds. Plant choices will include several native shrubs, perennials, ornamental grasses, and sedge, as listed below. A new small ornamental tree will be incorporated into the front yard garden, as well as evergreens, native perennials, and ornamental shrubs. Non-native ornamental shrubs, evergreens and perennials will be incorporated into the design as well.
- An extension of the rock garden next to the house on the right side. This area will be partially "mulched" with river rounds and will contain some sun-loving rock garden plants. It will include some medium-sized boulders, large flat stones and whimsical stone sculptures made by the homeowner. It can also incorporate a bird bath - a water source is the single most important thing that wild birds need.
- A "lawn alternative" area over the Cultech infiltration units that take up the upper half of the front yard on the right side where the soil depth is limited. This could be a thyme lawn or a clover lawn, for example. The soil that's used to cover the Cultech units can be amended with sand to be well-draining and the whole space mulched with crushed bluestone. It should not have to be moved more than a couple of times per year.

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Preliminary Planting Plan to give an idea of numbers of plants to be included (Filename: "Brambrink REVISED Planting Plan.jpeg")



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Representative Native Plants to be Included

Native Rock Garden Plants

Common Name	Botanical Name
Columbine	Aquilegia canadensis
Rosy Sedge	Carex rosea
Bleeding Heart	Dicentra exima
Marginal Wood Fern	Dryopteris marginalis
Wild Geranium	Geranium maculatum
Virginia Sweetspire	Itea virginica
Royal Fern	Osmunda regalis
Switchgrass	Panicum virgatum
Beardtongue	Penstemon digitalis
Wild Blue Phlox	Phlox divaricata
Smooth Blue Aster	Symphyotrichum laeve
Foamflower	Tiarella cordifolium
Lowbush Blueberry	Vaccinium angustifolium

Native Perennials and Grasses for the Ornamental Garden

Common Name	Botanical Name
Hyssop	Agastache varieties
Bluestar	Amsonia tabernaemontana
Tickseed	Coreopsis varieties
Coneflower	Echinacea varieties
Beardtongue	Penstemon digitalis
Dwarf Joe Pye Weed	Eupatorium dubium
Black-eyed Susan	Rudbeckia varieties
Little Bluestem Ornamental Grass	Schizachyrium scoparium

Native Shrubs/Small Trees

Common Name	Botanical Name
Virginia Sweetspire	Itea virginica
Shadtree	Amelanchier canadensis
Fothergilla	Fothergilla major
Spicebush	Lindera benzoin
Dwarf White Pine	Pinus strobus

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Thyme Lawn Examples



Evolution of a Thyme Lawn





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Example of Clover Lawn





Example of "Rock Garden" Extension in a small space next to the house

