












## Design Overview

**Greater Toledo Area & Oak Openings Region  
Native Garden Design**

*Designed by  
Denise Gehring Naturalist & Native Plant Consultant  
Susan Hall - Owner, Hidden in a Garden*













## Full Sun, Sandy/Prairie Soils

Common Name	Botanical Name	Symbol	Qty
Nodding Onion	<i>Allium cernuum</i>		5
Big Bluestem	<i>Andropogon gerardii</i>		16
Butterfly Weed	<i>Asclepias tuberosa</i>		39
Witch Hazel	<i>Hamamelis virginiana</i>		6
Shrubby St. Johnswort	<i>Hypericum prolificum</i>		10
Bee Balm, Purple	<i>Monarda fistulosa</i>		29
Eastern Prickly Pear	<i>Opuntia humifusa</i>		1
Fragrant Sumac	<i>Rhus aromatica</i>		8
Black Eyed Susan	<i>Rudbeckia hirta</i>		17
Little Bluestem	<i>Schizachyrium scoparium</i>		9
Sky Blue Aster	<i>Symphotrichum oolentangiense</i>		13

## Rain Garden/Moist Soils

Common Name	Botanical Name	Symbol	Qty
Swamp Milkweed	<i>Asclepias incarnata</i>		14
Red-Osier Dogwood	<i>Cornus sericea</i>		10
Spotted Joe Pye Weed	<i>Eupatorium maculatum</i>		4
Sneezeweed	<i>Helenium autumnale</i>		14
Purple Iris	<i>Iris virginica</i>		3
Blazing Star	<i>Liatris spicata</i>		9
Cardinal Flower	<i>Lobelia cardinalis</i>		21
Spicebush	<i>Lindera benzoin</i>		3
Foxglove Beardtongue	<i>Penstemon digitalis</i>		9
Mountain Mint	<i>Pycnanthemum virginianum</i>		12
Pussy Willow	<i>Salix discolor</i>		1
Elderberry	<i>Sambucus nigra</i>		1
Smooth Aster	<i>Symphotrichum laeve</i>		17
Highbush Blueberry	<i>Vaccinium corymbosum</i>		11
Red Oak	<i>Quercus rubra</i>		1

## Semi-shade, Woodland/Loam Soil

Common Name	Botanical Name	Symbol	Qty
Downy Serviceberry	<i>Amelanchier arborea</i>		1
Wild Columbine	<i>Aquilegia canadensis</i>		9
Wild Ginger	<i>Asarum canadensis</i>		26
Pawpaw	<i>Asimina triloba</i>		1
Pennsylvania Sedge	<i>Carex pensylvanica</i>		30
Flowering Dogwood	<i>Cornus florida</i>		1
Wild Geranium	<i>Geranium maculata</i>		7
Christmas Fern	<i>Polystichum acrostichoides</i>		32
White Oak	<i>Quercus alba</i>		1
Bloodroot	<i>Sanguinaria canadensis</i>		10

### Plant Legend

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Common Name	Botanical Name	Symbol
Nodding Onion	<i>Allium cernuum</i>	
Big Bluestem	<i>Andropogon gerardii</i>	
Butterfly Weed	<i>Asclepias tuberosa</i>	
Witch Hazel	<i>Hamamelis virginiana</i>	
Shrubby St Johnswort	<i>Hypericum prolificum</i>	
Bee Balm, Purple	<i>Monarda fistulosa</i>	
Eastern Prickly Pear	<i>Opuntia humifusa</i>	
Fragrant Sumac	<i>Rhus aromatica</i>	
Black Eyed Susan	<i>Rudbeckia hirta</i>	
Little Bluestem	<i>Schizachyrium scoparium</i>	
Sky Blue Aster	<i>Symphotrichum oolentangiense</i>	

*Allium cernuum*



*Andropogon gerardii*



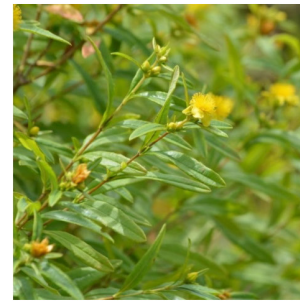
*Asclepias tuberosa*



*Hamamelis virginiana*



*Hypericum prolificum*



*Monarda fistulosa*



*Opuntia humifusa*



*Rhus aromatica*



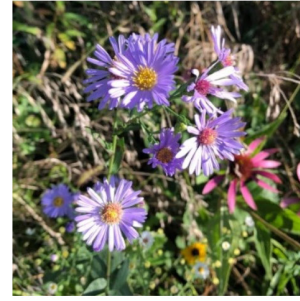
*Rudbeckia hirta*



*Schizachyrium scoparium*



*Symphotrichum oolentangiense*



## Full Sun, Sandy/Prairie Soils

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# Create a plan

It is helpful when designing your home landscape to look at the entire property and create a comprehensive plan. To start, list of all the activities you plan for your yard. This design includes areas for entertaining, bird feeding, firepit/gathering area, elevated vegetable garden, rain garden, and a water feature. Taking the time to plan the use of your outdoor living area allows you to maximize the use of your space.



## Phase One

Phase one includes the plantings in front of the house, shrubs along the foundation on the west side, and vegetable gardening beds. If your home has existing shrubs and trees you may decide to keep them. Review the plant list for the various soil and sun shade patterns and create beds around the existing plant material.

Our front yard planting includes a rain garden to handle roof run off. There are many publications to discuss their placement and construction. The Toledo-Lucas County Rain Garden Initiative is a good local resource for more information. [www.raingardeninitiative.org](http://www.raingardeninitiative.org)

The dry river bed draws your eye across the front yard tying beds on both sides of the driveway together. When built with 6" or more dip in the center the dry river bed becomes a swale. This small swale will allow water from the walkway to be collected and infiltrate into your planting bed during a rainfall.

The addition of a disappearing water fountain will bring birds drink and bathe in the front yard. These water fountains are easy to create from found objects or purchased as kits. Installation is a simple process that can be accomplished in an afternoon and will give you years of enjoyment. Each fall, drain the fountain and pull the pump in the fall for years of enjoyment.



## Phase Two

Phase two brings the creation of a prairie border along the back of the property. The prairie species are planted in groupings of three, fives, and sometimes seven, creating waves of plants. The various species are also repeated throughout the back yard plantings giving a sense of continuity on all sides of the yard.

The fire pit area has three trees installed around it. Creation of the seating area is done by digging a circle out at four to six inches below grade. This can be covered with landscape fabric and then filled with crushed stone that is then tamped in place to compact the area. If you have a HOA that does not allow wood fire pits, consider installing a propane fire pit.



## Phase Three

The seating area in the side garden is the perfect place to stop on the path and enjoy solitude. The plantings which enjoy the shady conditions are an excellent alternative to a struggling sod sideyard. Late in the season, Christmas ferns and columbine leaves add color and interest.

The walkway and small patio that allows entrance to the patio is created with paving stones. The paving stones specified in the drawing are 24" square and 16" by 24" rectangles. We choose smooth paving stones to reduce the risk of tripping found with natural stone. A benefit of this design allows you to move stone and place your bird feeders in different locations by removing a stone and placing it in another location. Bird seed hulls can be easily cleaned up and composted to reduce waste problems. The bird bath is conveniently located and installation of a solar powered bubbler will add an element of soothing sound to the backyard.

## Installation Phases

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Common Name	Botanical Name	Symbol
Swamp Milkweed	<i>Asclepias Incarnata</i>	
Red-Osier Dogwood	<i>Cornus sericea</i>	
Spotted Joe Pye Weed	<i>Eupatorium maculatum</i>	
Sneezeweed	<i>Helenium autumnale</i>	
Purple Iris	<i>Iris virginica</i>	
Blazing Star	<i>Liatris spicata</i>	
Spicebush	<i>Lindera benzoin</i>	
Cardinal Flower	<i>Lobelia cardinalis</i>	
Foxglove Beardtongue	<i>Penstemon digitalis</i>	
Mountain Mint	<i>Pycnanthemum virginianum</i>	
Pussy Willow	<i>Salix discolor</i>	
Elderberry	<i>Sambucus nigra</i>	
Smooth Aster	<i>Symphiotrichum laeve</i>	
Highbush Blueberry	<i>Vaccinium corymbosum</i>	
Red Oak	<i>Quercus rubra</i>	

*Asclepias incarnata*



*Cornus sericea*



*Eupatorium maculatum*



*Helenium autumnale*



*Iris virginica*



*Liatris spicata*



*Lindera benzoin*



*Lobelia cardinalis*



*Penstemon digitalis*



*Penstemon digitalis*

*Pycnanthemum virginianum*

*Salix discolor*

*Sambucus nigra*

*Symphiotrichum laeve*

*Vaccinium corymbosum*

*Quercus rubra*

*Pycnanthemum virginianum*



*Salix discolor*



*Sambucus canadensis*



*Solidago riddellii*



*Symphiotrichum laeve*



*Vaccinium corymbosum*



*Quercus rubra*

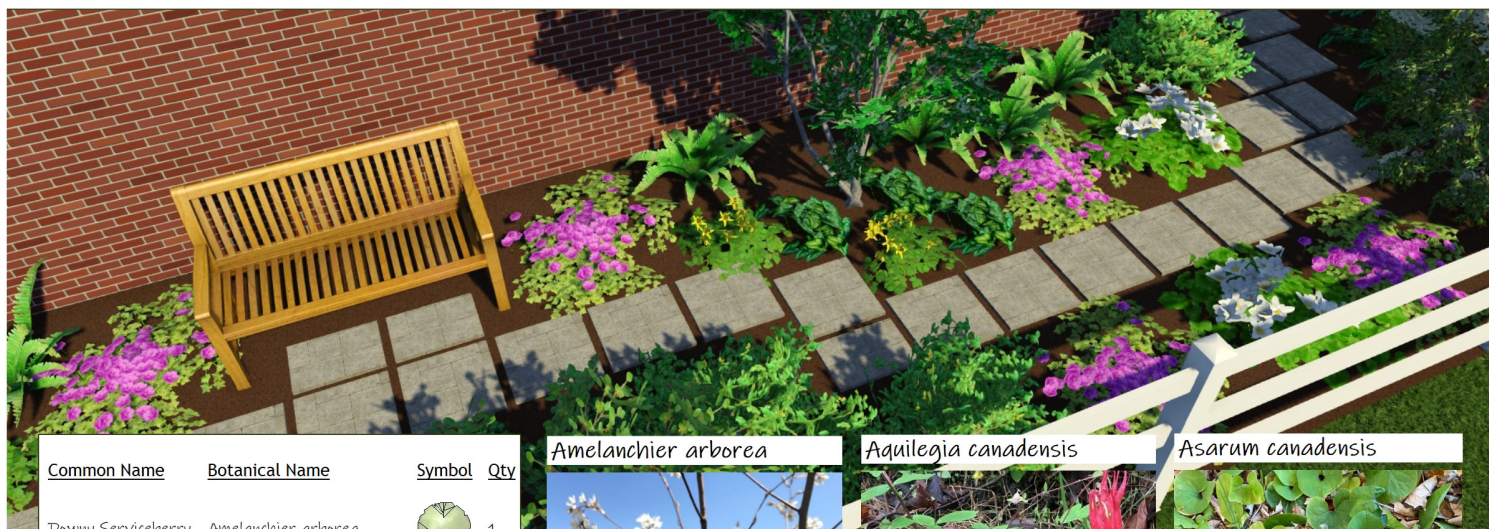


## Rain Garden/Moist Soils

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Wild Columbine	<i>Aquilegia canadensis</i>		9
Wild Ginger	<i>Asarum canadensis</i>		26
Pawpaw	<i>Asimina triloba</i>		1
Pennsylvania Sedge	<i>Carex pensylvanica</i>		30
Flowering Dogwood	<i>Cornus florida</i>		1
Wild Geranium	<i>Geranium maculatum</i>		7
Christmas Fern	<i>Polystichum acrostichoides</i>		32
White Oak	<i>Quercus alba</i>		1
Bloodroot	<i>Sanguinaria canadensis</i>		10

*Amelanchier arborea*



*Aquilegia canadensis*



*Asarum canadensis*



*Asimina triloba*



*Carex pensylvanica*



*Cornus florida*



*Geranium maculatum*



*Polystichum acrostichoides*



*Quercus alba*



*Sanguinaria canadensis*



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