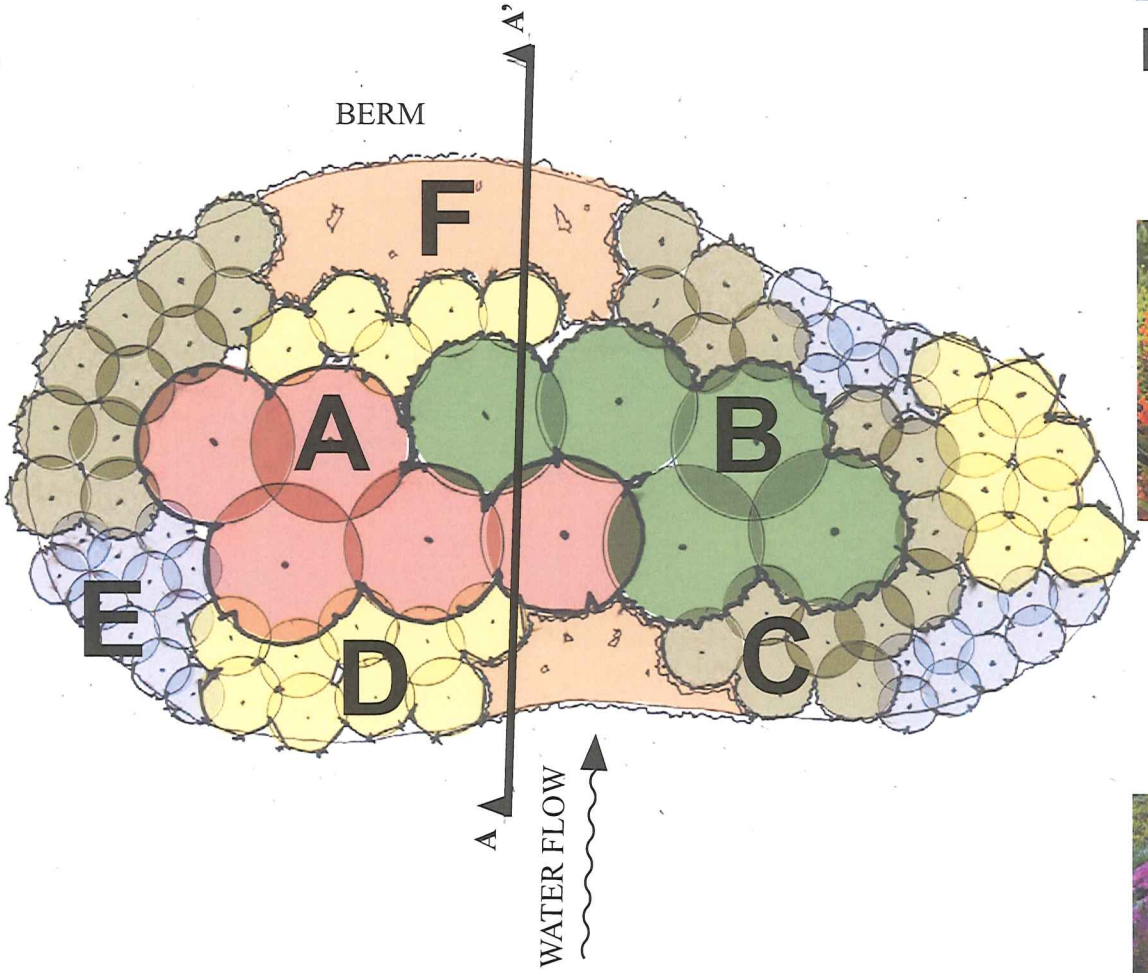
Examples of Plantings

Non-Deer Resistant, Sun

A- Ilex verticillata 'Cacapon' / Winterberry**
6-8' HT.- 42" O.C.

B- Baptisia australis / Blue False Indigo
3-4' HT.- 42" O.C.

C- Tradescantia virginiana / Virginia Spiderwart
1.5-3' HT.- 18" O.C.



Plan - Type 2 - Small Drainage Area- Sun +/- 285 sf

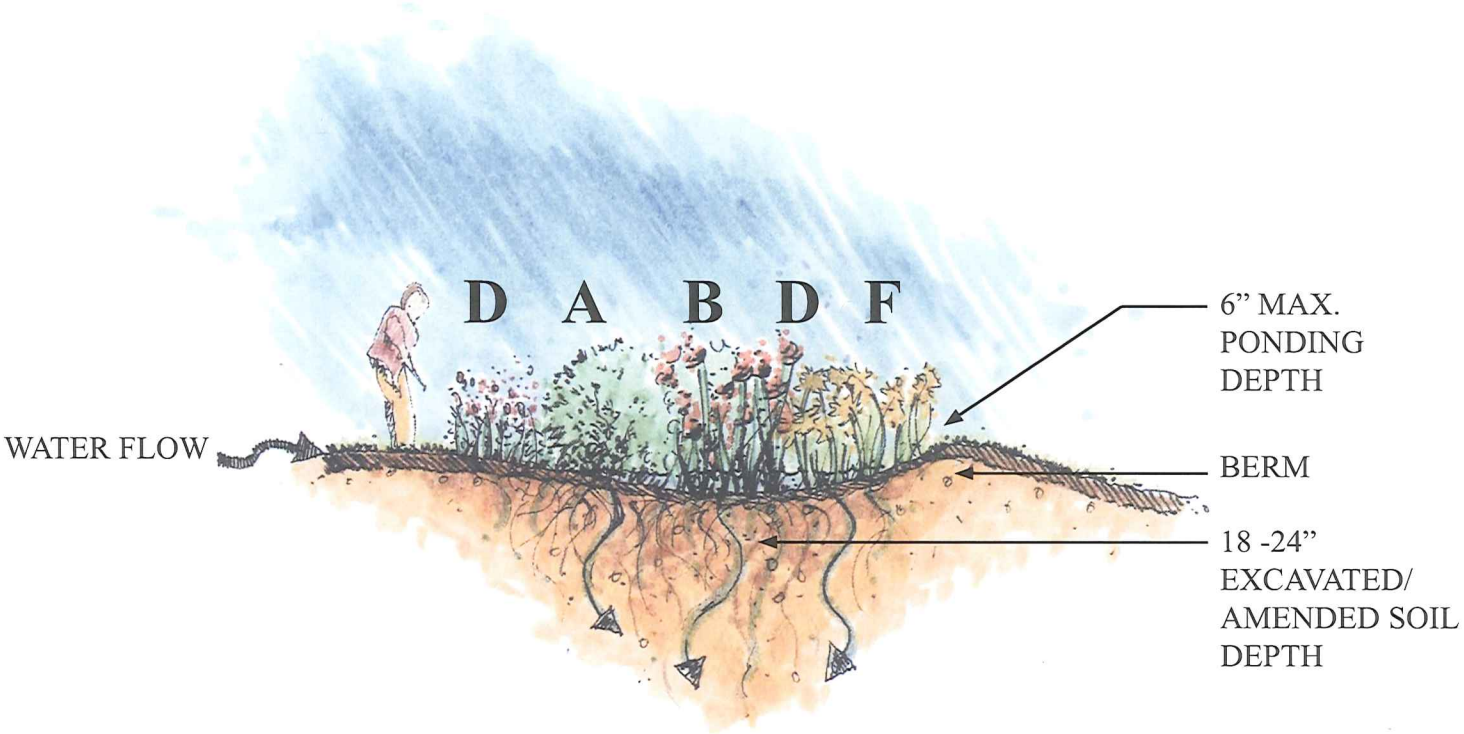
Scale: NTS

Mahan Rykiel Associates

D- Panicum virgatum 'Shenandoah'/ Switchgrass
4' HT.- 24" O.C.

E- Asclepias tuberosa / Butterfly Milkweed
1-2' HT.- 18" O.C.

F- Phlox subulata/ Moss Phlox
4-6" HT.- 12" O.C.



Section A-A'- Type 2 - Small Drainage Area- Sun

Scale: NTS

Mahan Rykiel Associates

ALTERNATE PLANT CHOICES- SUN

A- Ilex glabra /Inkberry (5-8' HT, 42" O.C.),
Itea Virginica 'Little Henry'/Sweetspire (2' HT, 42" O.C.)

B- Panicum virgatum 'Shenandoah'/Switchgrass (3-4' HT, 42" O.C.),
Eupatorium fistulosum/Joe Pye Weed (4-7' HT, 42" O.C.)

C- Aster novae angliae 'Purple Dome'/New England Aster (1.5-2' HT, 24" O.C.),
Andropogon virginicus/Broomsedge (2-5' HT, 24" O.C.),

D- Monarda didyma/Bee Balm (1.5-3' HT, 24" O.C.),
Lobelia cardinalis/Red Cardinal Flower (3' HT, 24" O.C.),

E- Penstemon digitalis 'Huskers Red' (2-3' HT, 18" O.C.),
Liatris spicata 'Kabold'/Purple Gayfeather (2.5' HT, 18" O.C.),

F- Sisyrinchium graminoides/Blue-Eyed Grass (1.5-3' HT, 12" O.C.),
Geranium maculatum/Wild Geranium (5-8' HT, 12" O.C.),

DESIGN VALUE

Medium height shrubs providing evergreen foliage.
Medium height shrub with natural growth habit providing year round interest.
Medium height grass with color interest Spring through Fall.
Tall perennial with late summer blooms that will attracted butterflies.
Dwarf perennial that blooms through September with vibrant purple flowers.
Clumping meadow grass with fall color interest and winter structure.
Perennial with pink blooms June through September attracting hummingbirds.
Medium height perennial with brilliant red spikes in late Summer.
Clump forming perennial with tubular flowers in mid Spring early Summer
Medium height perennial with protruding purple spikes in late Summer.
Small perennial with fine textured leaves and blue flowers.
Low clustering perennial with many pale pink flowers that bloom April to May.

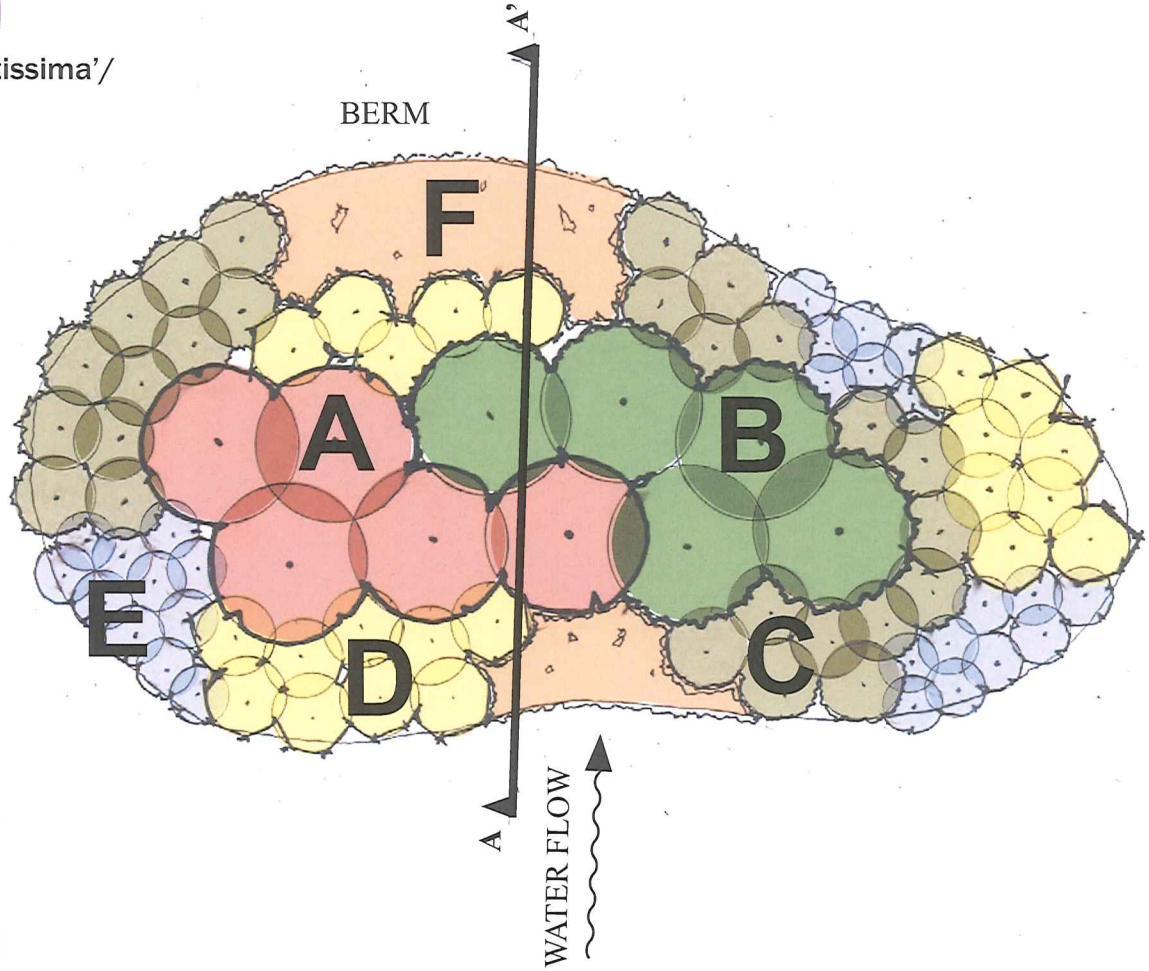
Examples of Plantings

Non-Deer Resistant, Shade

A- Aronia arbutifolia 'Brilliantissima'/
Chokeberry
6-8' HT.- 42" O.C.

B- Leucothoe fontanesiana
'Scarletta' /
Leucothoe
4-5' HT.- 42" O.C.

C- Rradescantia virginiana /
Virginia Spiderwart
1.5-3' HT.- 18" O.C.



Plan - Type 2 - Small Drainage Area- Shade +/- 285 sf

Scale: NTS

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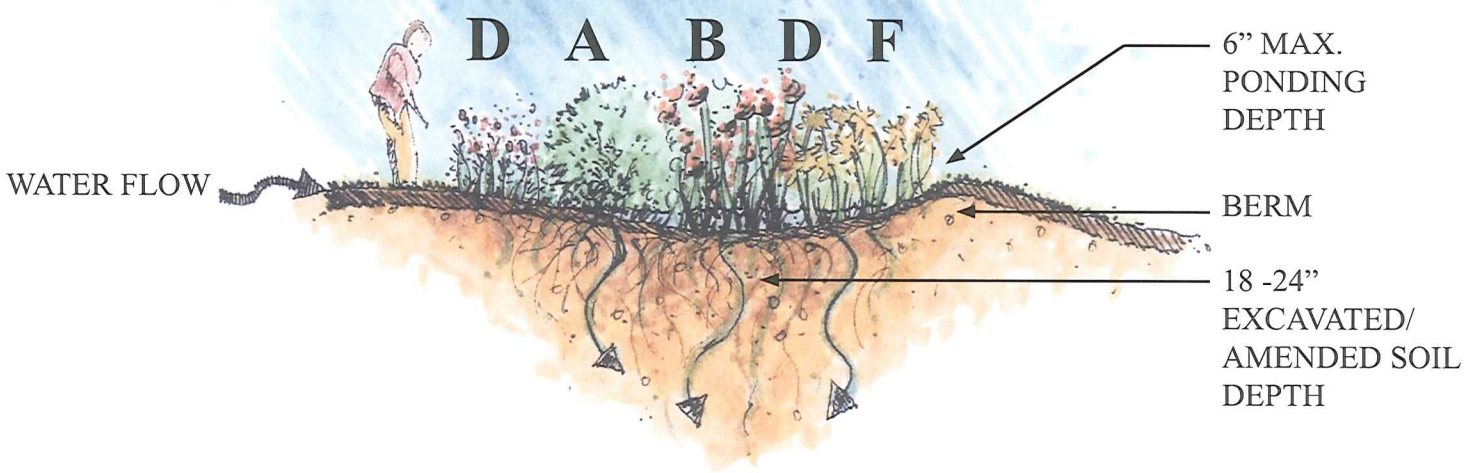
D- Chasmanthium
latifolium/
Northern Sea Oats
3' HT.- 24" O.C.

E- Carex stricta/
Tussock Sedge
2-3' HT.- 18" O.C.

F- Phlox stolonifera
'Blue Ridge'/
Creeping Phlox
8" HT.- 12" O.C.



Section A-A' - Type 2 - Small Drainage Area- Shade

Scale: NTS

Mahan Rykiel Associates

ALTERNATE PLANT CHOICES- SHADE:

A- Myrica pensylvanica/Bayberry (5-10' HT, 42" O.C.),
Ilex glabra 'Compacta'/ (3-4' HT, 42" O.C.)

B- Clethra alnifolia 'Sicteen Candles'/Summersweet (4-5' HT, 42" O.C.),
Itea virginica 'Henry's Garnet'/Sweetspire (3-4' HT, 42" O.C.)

C- Amsonia hubrechtii/willowleaf Bluestar (2-5' HT, 24" O.C.),
Aster divaricatus/White Wood Aster (1-2' HT, 24" O.C.)

D- Osmunda regalis/Royla Fern (3-4' HT, 24" O.C.),
Osmunda cinnamomea/Cinnamon Fern (3-4' HT, 24" O.C.)

E- Chelone glabra/Turtlehead (2-3' HT, 18" O.C.),
Heuchera americana/Coral Bell (8-10" HT, 18" O.C.)

F- Phlox divaricata/Wild Blue Phlox (8-10" HT, 12" O.C.),
Chrysogonum virginianum/Goldenstar (6-8" HT, 12" O.C.)

DESIGN VALUE

Larger shrub providing evergreen foliage.
Medium height shrub with fine textured evergreen foliage.
Medium height grass or perennial with color interes Spring through Fall.
Medium height shrub with natural growth habit providing Spring and Fall interest.
Fine textured perennial with blue star-like flowers appearing in early Summer.
Shorter perennial with white daisy flowers appearing August to October.
Slow spreading fern with dark green fronds with medium height.
Woodland fern with excellent rich brown color in Autumn.
Shorter height perennial with white flowers appearing in late Summer early Fall.
Darker purple foliage perennial with white showy flowers in Spring.
Spring blooming fragrent perennial with lower growth habit.
Low growing, spreading perennial with bright yellow flowers appearing in Spring.

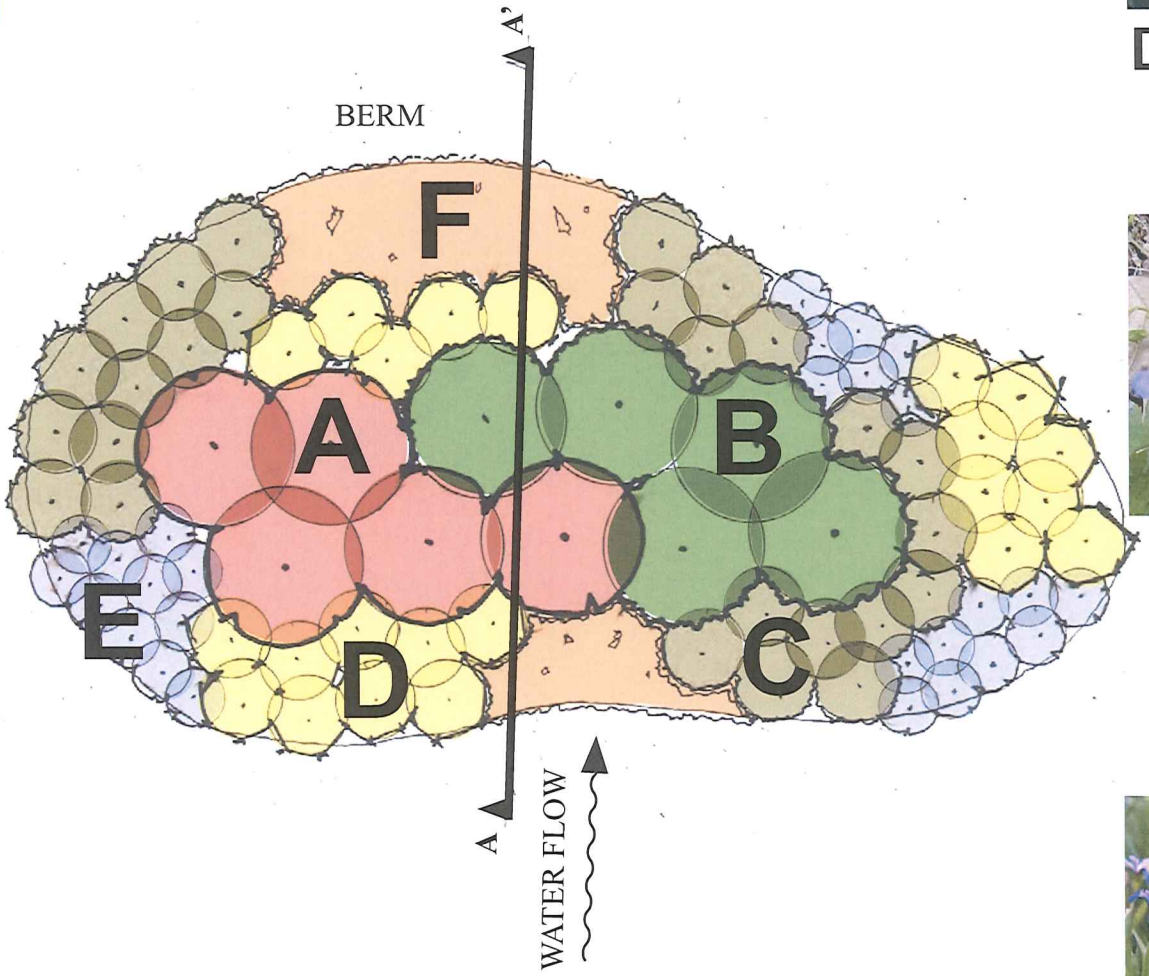
Examples of Plantings

Deer Resistant, Sun

A- Vaccinum angustifolium/
Blueberry
1-2' HT.- 42" O.C.

B- Kalmia latifolia/
Mountain Laurel
8-10' HT.- 42" O.C.

C- Aster novae-angliae
'Purple Dome'/
New England Aster
1.5-3' HT.- 18" O.C.



Plan - Type 4 - Deer Resistant Drainage Area- Sun +/- 285 sf

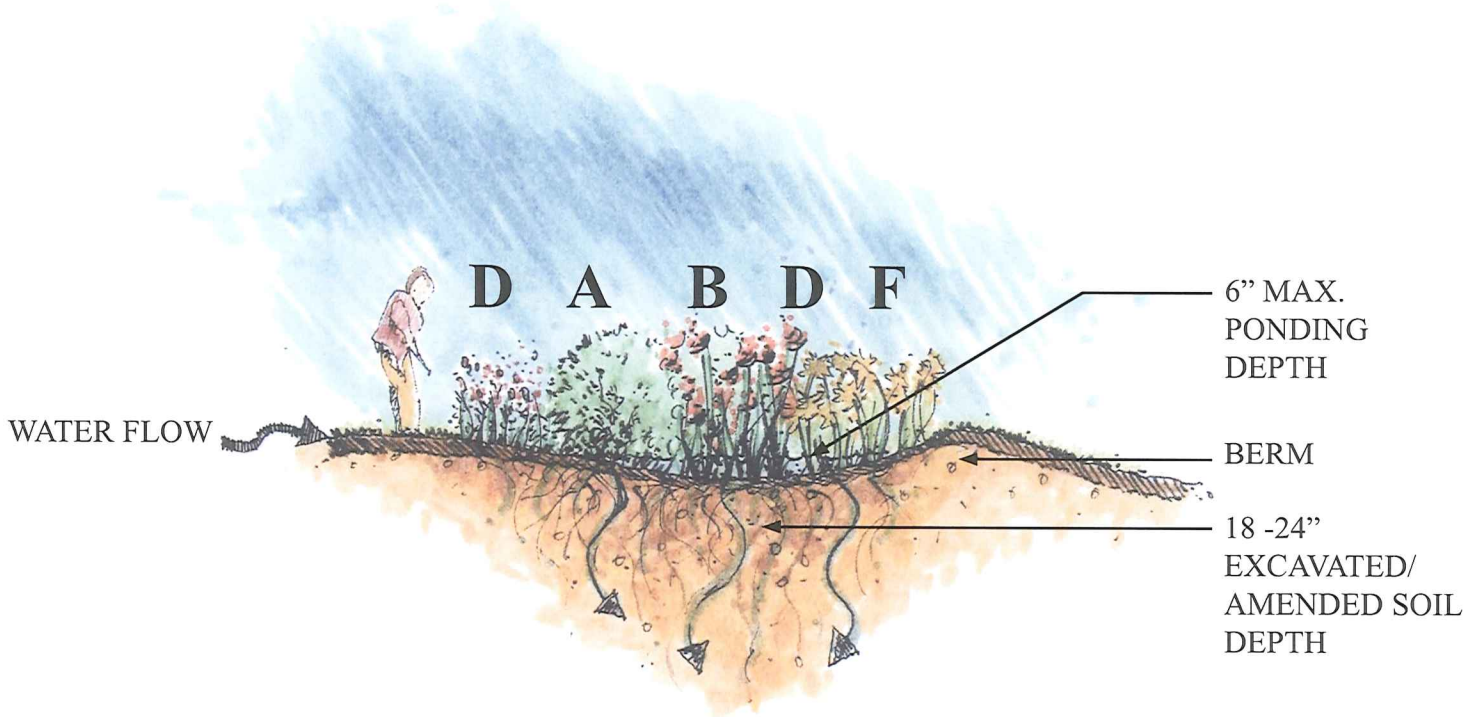
Scale: NTS

Mahan Rykiel Associates

D- Rudbeckia fulgida
'Goldsturm'
Black Eyed Susan
2' HT.- 24" O.C.

E- Geranium 'Brookside' /
Cranesbill
18-22" HT.- 18" O.C.

F- Iris Versicolor/
Blue Flag Iris
24-30" HT.- 12" O.C.



Section A-A'- Type 2 - Deer Resistant Drainage Area- Sun

Scale: NTS

Mahan Rykiel Associates

ALTERNATE PLANT CHOICES- SUN	DESIGN VALUE
A- Ilex glabra /Inkberry (5-8' HT, 42" O.C.),	Medium height shrubs providing evergreen foliage.
Itea Virginica 'Little Henry'/Sweetspire (2' HT, 42" O.C.)	Medium height shrub with natural growth habit providing year round interest.
B- Panicum virgatum 'Shenandoah'/Switchgrass (3-4' HT, 42" O.C.),	Medium height grass or perennial with color interes Spring through Fall.
Callicarpa bodinieri 'Profusion'/Beautyberry (4-6' HT, 42" O.C.)	Taller shrub with attractive fruit and growth habit.
C- Aster novae angliae 'Purple Dome'/New England Aster (1.5-2' HT, 24" O.C.),	Dwarf perennial that blooms through September with vibrant purple flowers.
Andropogon virginicus/Broomsedge (2-5' HT, 24" O.C.),	Clumping meadow grass with fall color interest and winter structure.
D- Monarda didyma/Bee Balm (1.5-3' HT, 24" O.C.),	Perennial with pink blooms June through September attracting hummingbirds.
Lobelia cardinalis/Red Cardinal Flower (3' HT, 24" O.C.),	Medium height perennial with brilliant red spikes in late Summer.
E- Penstemon digitalis 'Huskers Red' (2-3' HT, 18" O.C.),	Clump forming perennial with tubular flowers in mid Spring early Summer.
Liatris spicata 'Kabold'/Purple Gayfeather (2.5' HT, 18" O.C.),	Medium height perennial with protruding purple spikes in late Summer.
F- Baptisia australis/Blue False Indigo (3-4' HT, 12" O.C.)	Taller perennial with intense blue blooms.
Geranium maculatum/Wild Geranium (5-8' HT, 12" O.C.),	Low clustering perennial with many pale pink flowers that bloom April to May.

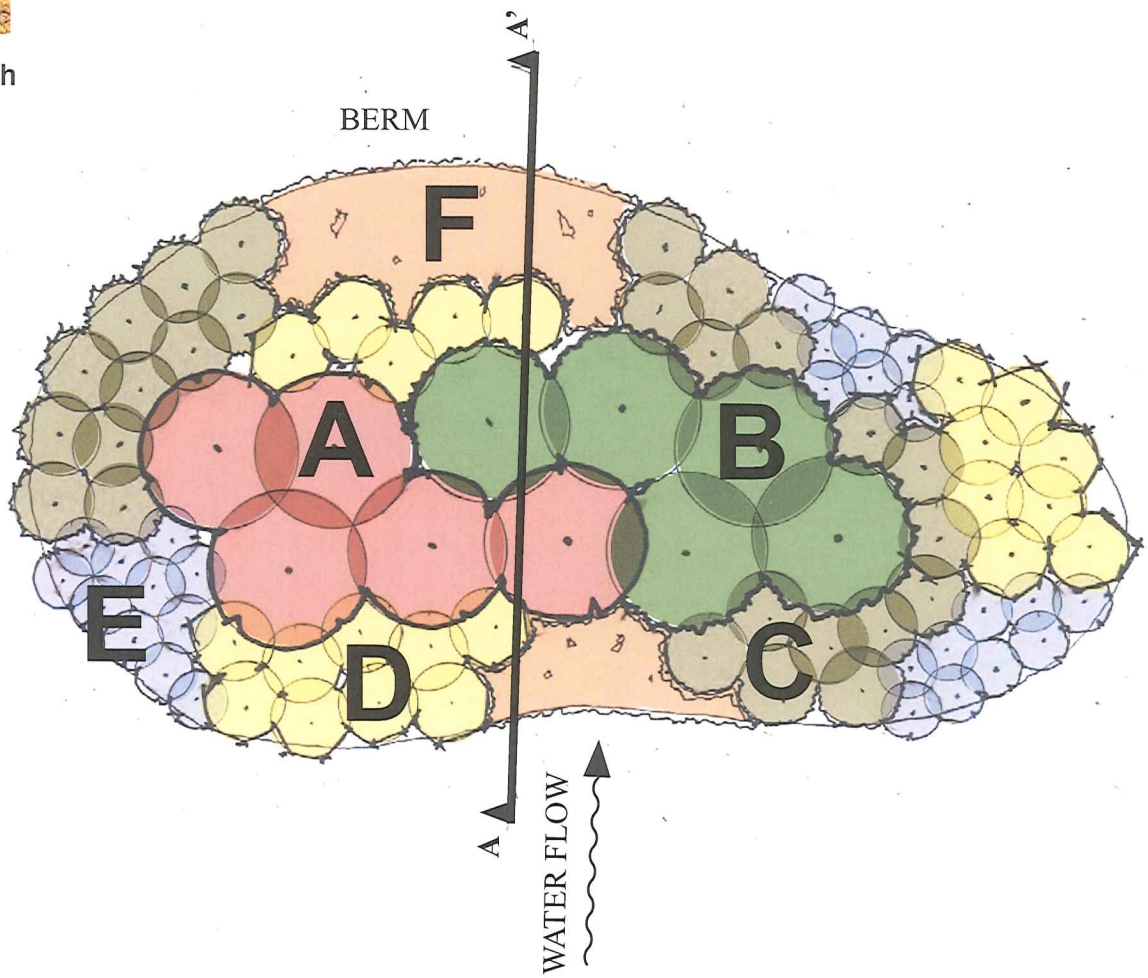
Examples of Plantings

Deer Resistant, Shade

A- Lindera benzoin/Spicebush
6-8' HT.- 42" O.C.

B- Hydrange arborescens
'Annabelle'/
Leucothoe
3-4' HT.- 42" O.C.

C- Aruncus dioicus/
Goat's Beard
1.5-3' HT.- 18" O.C.



Plan - Type 4 - Deer Resistant Drainage Area- Shade +/- 285 sf

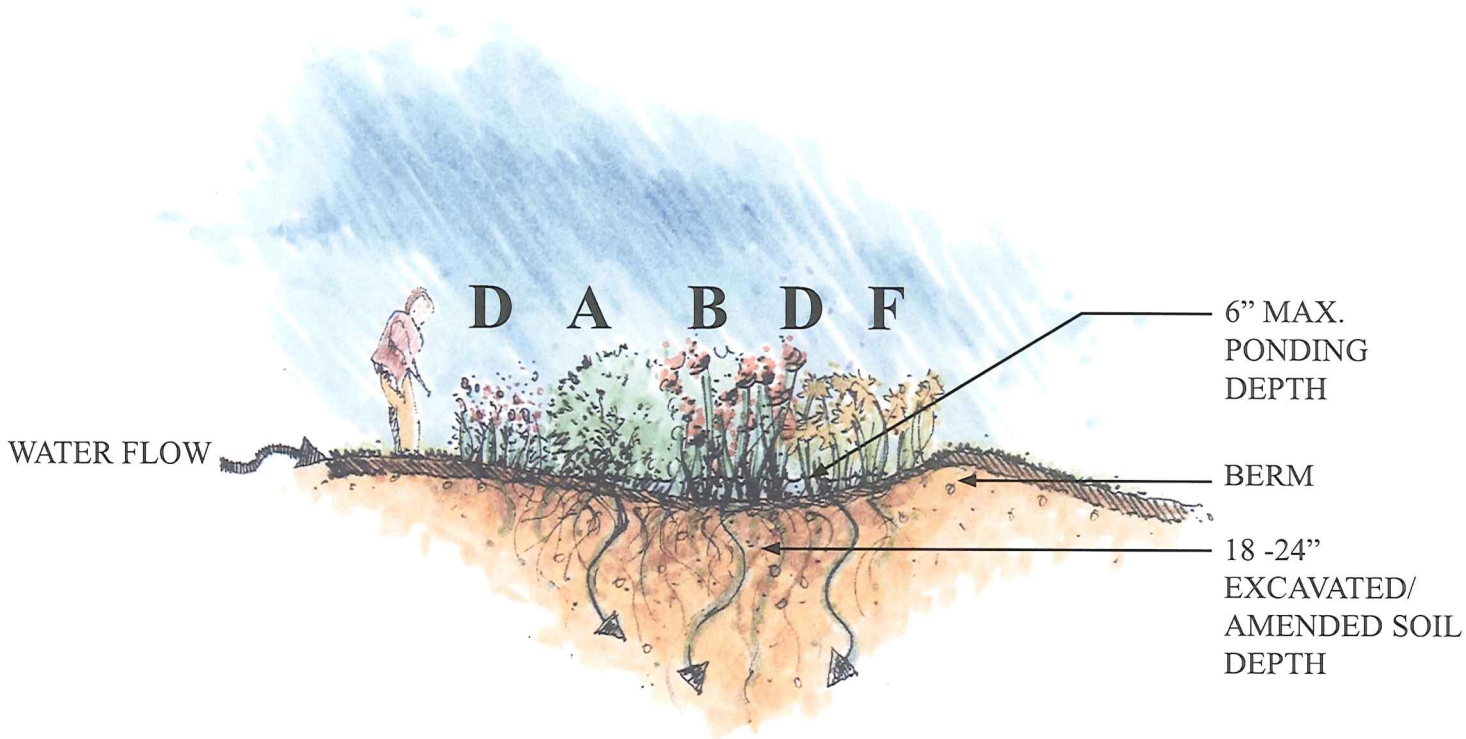
Scale: NTS

Mahan Rykiel Associates

D- Chasmanthium
latifolium/
Northern Sea Oats
3' HT.- 24" O.C.

E- Carex stricta/
Tussock Sedge
2-3' HT.- 18" O.C.

F- Phlox stolonifera
'Blue Ridge'/
Creeping Phlox
8" HT.- 12" O.C.



Section A-A' - Type 2 - Deer Resistant Drainage Area- Shade

Scale: NTS

Mahan Rykiel Associates

ALTERNATE PLANT CHOICES- SHADE:

A- Myrica pensylvanica/Bayberry (5-10' HT, 42" O.C.),
Ilex glabra 'Compacta'/ (3-4' HT, 42" O.C.)

B- Clethra alnifolia 'Sicteen Candles'/Summersweet (4-5' HT, 42" O.C.),
Itea virginica 'Henry's Garnet'/Sweetspire (3-4' HT, 42" O.C.)

C- Amsonia hubrechtii/willowleaf Bluestar (2-5' HT, 24" O.C.),
Aster divaricatus/White Wood Aster (1-2' HT, 24" O.C.)

D- Baptisia australis/Blue False Indigo (3-4' HT, 24" O.C.) ,
Asclepias incarnata/ Swamp Milkweed (3-4' HT, 24" O.C.)

E- Osmunda cinnamonea/Cinnamon Fern (2-3' HT, 18" O.C.),
Osmunda regalis/Royal Fern (2-6" HT, 18" O.C.)

F- Phlox stolonifera 'Blue Ridge'/Creeping Phlox (8" HT.- 12" O.C.),
Chrysogonum virginianum/Goldenstar (6-8" HT, 12" O.C.)

DESIGN VALUE

Larger shrub providing evergreen foliage.
Medium height shrub with fine textured evergreen foliage.
Medium height grass or perennial with color interes Spring through Fall.
Medium height shrub with natural growth habit providing Spring and Fall interest.
Fine textured perennial with blue star-like flowers appearing in early Summer.
Shorter perennial with white daisy flowers appearing August to October.
Taller perennial with intense blue blooms.
Narrow upright perennial with rose pink blooms attracting butterflies.
Slow spreading fern with dark green fronds with medium height.
Woodland fern with excellent rich brown color in Autumn.
Spring blooming fragrent perennial with lower growth habit.
Low growing, spreading perennial with bright yellow flowers appearing in Spring.