

# Landscape Maintenance Plan

Developed by University of Delaware, Delaware Center for Horticulture, DeIDOT and DNREC  
 Maintenance Responsibilities Shared by DeIDOT and DNREC

**Blue Ball Barn Parking Lot**

**Meadow**

- Species – permanent dry seed mix
- Mowed once/year in March
- Edge mowed regularly along drive
- Weed control
- Spot treated for invasive weeds as needed

**Shrub edge**

- Species – mixed shrubs and trees
- Warm season grasses seeded in May 2008, working the seed into the mulch layer
- Existing switchgrass divided and transplanted to open areas
- Driveway side of shrubs cut with weed eater once or twice per year
- Weed control
- Meadow grasses allowed to grow around shrubs
- No mulched border
- Mugwort controlled around oak rootball on corner
- Invasives spot treated as needed

**Slope around pond**

- Species – warm season grass and perennial wildflower mix (goldenrod, butterfly weed, black-eyed Susan)
- Top of slope is the line between “wildflower” mix and permanent dry mix
- Mowed every 2 years
- Sumac cut back to 6-12 inches spring 2008, then every 5-7 years.
- Black willow cut back only when it impedes function of pond
- Weed control
- Thistle spot sprayed as needed
- Autumn olive and other invasive weed species controlled as needed



**Playground Parking Lot (Warranty until fall 2009)**

**Middle island**

- Species – sedges, chokeberry, purple coneflower
- Mowed in early spring as needed to remove dead foliage
- Perennials cut back in spring
- Weed control
- Nutsedge controlled
- Treated with pre-emergent herbicide in spring
- Mulched for a few more years



**Small corner entrance bed**

- Species – trees and sedge
- Variiegated sedge removed from corner entrance bed and seeded with turf maintaining mulched bed around tree
- Sedge replanted in middle islands



**Large corner entrance bed**

- Species – shrubs, trees, large rocks, fountain grass, bearberry, sedge
- “Spur” containing sedge removed from edge and seeded with turf
- Sedge replanted in middle islands
- Fountain grass mowed or cut back in spring
- Weed control
- Open areas mulched
- Pre-emergent applied in spring



**Low fescue lawn areas around parking lot**

- Species – low fescue
- Mowed in March
- Mowed as needed to control tall weeds (removing seed heads)



**East Park (Warranty until fall 2009)**

**Bed to left of circle**

- Species – Virginia sweetspire, bluestar, St. John's Wort
- St. John's Wort removed or transplanted to a new location
- Turfgrass edge moved on a regular schedule
- Bluestar and St. John's Wort cut back in spring
- Weed control
- Pre-emergent applied to mulched areas in spring
- No mulching anticipated as Virginia sweetspire and bluestar become established



**Circle**

- Species – Little blue stem and Joe-pye weed
- Entire area cut with a weed eater in spring
- Weed control
- Pre-emergent applied in spring for 2 years (at that point vegetation should cover area and little bluestem and Joe-pye weed will seed in)
- Lightly mulched as needed in spring 2008



**West Park**

**Corner near circle**

- Large rocks on corner (to be planted in next phase)
- Low switchgrass cultivar planted up to and around rocks
- Meadow allowed to grow up to switchgrass
- Edge mowed regularly



**Walking and bike path**

- Species – shrub masses, trees and perennials
- In one planted area containing threadleaf bluestar and hyssop-leaved thoroughwort added 10 threadleaf bluestar to fill void
- Deadwood in summersweet, redbud and other plants pruned
- Meadow mowed once in spring avoiding shrubs masses and trees
- Narrow edge in front of shrub masses mowed (as needed)
- Curvilinear path through meadow at north end near woods edge mowed regularly
- Chokeberry planting that has been severely deer browsed moved
- Path near the woods closer to shrub mass mowed
- Red twig dogwood masses cut back
- Entire shrub mass cut back to 4-6 inches above ground in March every 3 years or 1/3 of old canes removed from each shrub every year in February/March
- Weed control
- Biennial evening primrose treated after red twig dogwood defoliates
- Shrub bed edges sprayed to control weeds
- Invasive species controlled in meadows and shrub/perennial beds



**Alapocas Woods entrance to path**

- Area mowed routinely as neat entrance to park



**Serpentine Wall (Warranty until fall 2008)**

- Species – aromatic sumac, winterberry holly, Virginia creeper, cotoneaster
- Two mower widths mowed to the edge of shrubs
- Weed control
- Pre-emergent applied in spring around cotoneaster
- Invasive species (crown vetch, thistle and others) spot sprayed

**Overflow Parking Lot (Warranty until fall 2009)**

**Interior beds**

- Species – sedge
- Mowed in early spring as needed to remove dead foliage
- Weed control
- Treated with a broad-leaved herbicide as needed
- No mulching



**Large slope along parking lot entrance road (Warranty until fall 2009)**

- Species – mix of colonizing shrubs
- Weed control
- Treated with a pre-emergent herbicide in spring
- Solid grass masses treated with a broadleaf herbicide
- Woody and herbaceous weeds spot treated until established as a solid shrub mass
- No mulching



**Slope facing Foulk Road Off-ramp (Warranty until fall 2008)**

- Species – shrubs and low growing fescues
- Mowed once in spring (avoiding shrubs)
- Weed control
- Sprayed with a broadleaved herbicide avoiding shrub masses and aromatic sumac
- Invasive species spot treated
- On east side, cut around shrubs with a weed eater



**Edges of parking lot (Warranty until fall 2009)**

- Species – arrowwood viburnum and bayberry
- Reseeded with low fescue mix
- Fescue mowed twice a year to 4-6 inches in height
- Weed control
- Tall weeds around shrubs hand weeded
- Individual plants mulched



**Large island between parking lot and greenway path (Warranty until fall 2009)**

- Species – little bluestem and Virginia sweetspire
- Little bluestem cut or mowed in March
- Weed control
- Hand weeded in between little bluestem and Virginia sweetspire



**Far side of greenway path (next to golf course)**

- Species – shrubs
- Mowed up to edge of mulched bed


