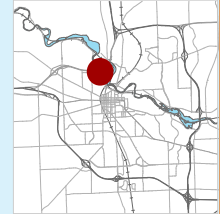


Bandemer Nature Area Detention Basin

Approximate Address: 1352 Lakeshore Drive



SW
P



Year Built: 2008

Designer: Midwestern Consulting

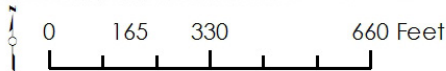
Aesthetic Level Required: Medium

DESCRIPTION:

Small detention basin that collects runoff from gravel parking lot. A controlled burn was conducted in the spring of 2014 by NAP. NAP will burn regularly.

MAINTENANCE NOTES:

Invasives include Yellow Sweet Clover, Teasel, Crown Vetch, Canada Thistle, Buckthorn and Reed Canary Grass



July 2014

ACTIVITY	Monthly	Biannually	Annually	As Needed
Remove Trash	X			
Remove Invasives	X			
Dredge				X
Controlled Burns				X
Herbicide				X
Add/Divide Plants				X
Collect Seeds			fall	

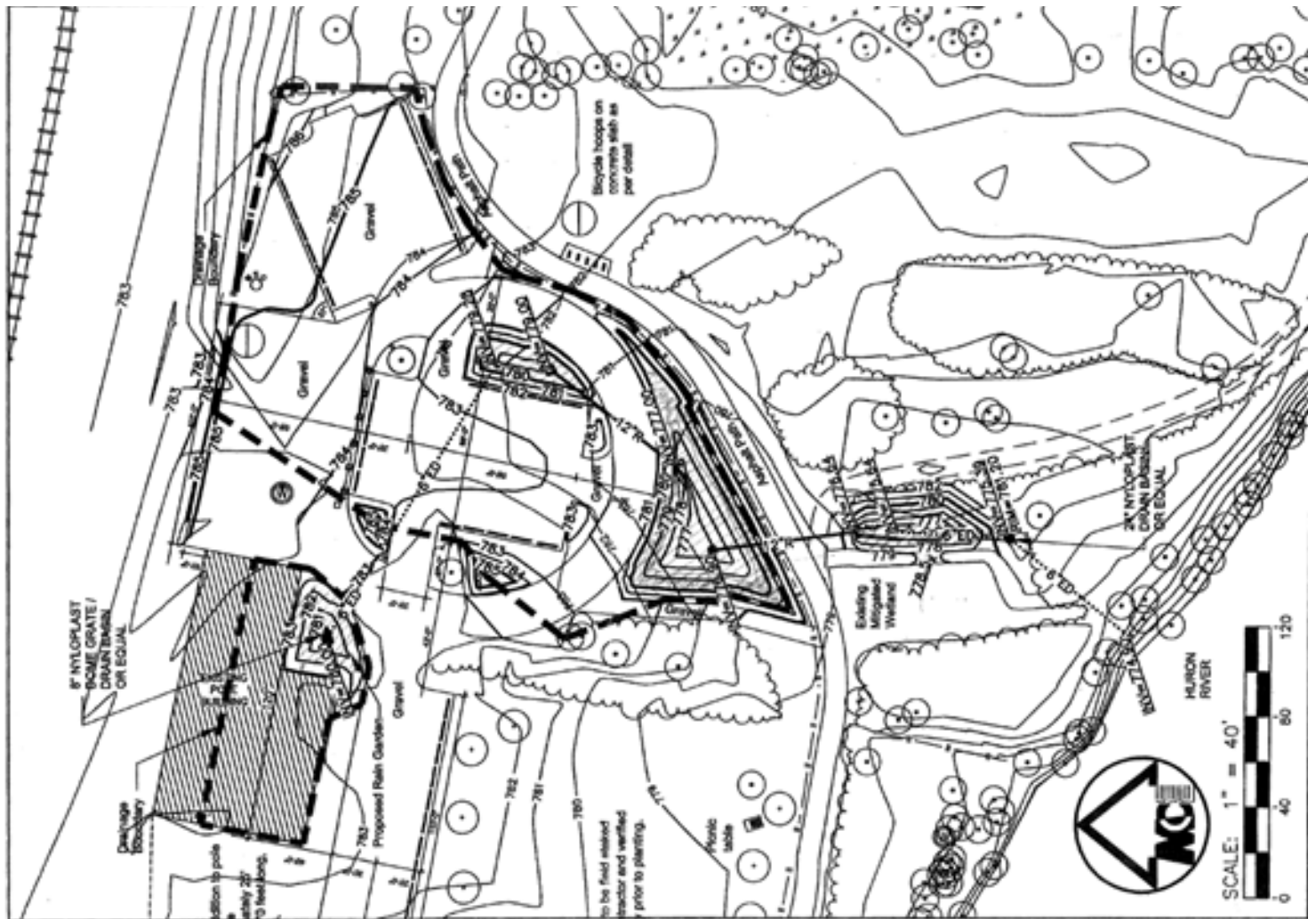
YEARLY ESTIMATE	HOURS	COST
Supervisor Labor	18	\$733
Volunteer Labor	0	0
Equipment		\$87
Controlled Burns*		\$150
Herbicide	0.5	\$20
Dredge on-site disposal \$40/CY		
Dredge off-site disposal \$70/CY		
Contingency (10%)		
SUM		\$990

*per estimate from PlantWise. Burn every three years so cost spread across years

Bandemer Nature Area Detention Basin

Site Plan

Acres: 0.41
SF: 18,041



NATIVE PLANTS TO LOOK FOR:

Perennials:

Bottle Gentian (*Gentiana andrewsii*)
Canadian Rush (*Juncus canadensis*)
Common Boneset (*Eupatorium perfoliatum*)
Common Milkweed (*Asclepias syriaca*)
Indian Hemp (*Apocynum cannabinum*)
Marsh Bedstraw (*Galium palustre*)
Marsh Bellflower (*Campanula aparinoides*)
March-Marigold (*Caltha palustris*)
Sedge (*Carex aurea*)
Smooth Swamp Aster (*Aster firmus*)
Southern Blue Flag (*Iris virginica*)
Swamp Milkweed (*Asclepias incarnata*)
Thimbleweed (*Anemone virginiana*)
Turtlehead (*Chelone glabra*)

Shrubs and Trees:

Gray Dogwood (*Cornus foemina*)
Red Ash (*Fraxinus pennsylvanica*)
Red-osier Dogwood (*Cornus stolonifera*)
Silver Maple (*Acer saccharium*)