

CITY OF MARLBOROUGH MEETING POSTING

Meeting Name: Conservation Commission

Date: February 17, 2022

Time: 7:00 PM

Location: 140 Main St. – Marlborough City Hall – 3rd Floor (Memorial Hall)

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CITY OF MARLBOROUGH

2022 FEB 11 A 10:50

ALL MEETINGS WILL BE IN PERSON AT CITY HALL MASKS ARE REQUIRED.

Agenda Items to be addressed:

Acceptance of Minutes: February 3, 2022

Public hearings: None

Discussion/Project Updates:

- Ghiloni Park Native Pollinator Garden Proposal (Feb. 2022) – Paul Goldman and Karin Paquin
- **Annual Review of Policies (continued from Feb. 3, 2022)**
 - Wetland Setback Policy – Draft
 - Tree Removal Policy – Draft
- Snow dump and salt – continue discussion

Correspondence/Other Business

- Letter from Beaver Solutions dated 1/28/2022 RE: 2020 routine maintenance on Flexible Pond Leveler pipe system(s)

Next Conservation Commission meetings: March 3rd and 17th, 2022

Adjournment

THE LISTING OF TOPICS THAT THE CHAIR REASONABLY ANTICIPATES WILL BE DISCUSSED AT THE MEETING IS NOT INTENDED AS A GUARANTEE OF THE TOPICS THAT WILL HAVE BEEN DISCUSSED. NOT ALL TOPICS LISTED MAY IN FACT BE DISCUSSED, AND OTHER TOPICS NOT LISTED MAY ALSO BE BROUGHT UP FOR DISCUSSION TO THE EXTENT PERMITTED BY LAW.

CONSERVATION COMMISSION

Minutes

DRAFT

Feb. 3, 2022 (Thursday)

Marlborough City Hall – 3rd Floor, Memorial Hall

7:00 PM

Present: Edward Clancy-Chairman, Allan White, Dennis Demers, John Skarin, David Williams, Karin Paquin and William Dunbar. Priscilla Ryder - Conservation Officer was also present.

Absent: none

Approval of Minutes: The minutes January 20, 2022, were reviewed and on a motion by Mr. White second by Mr. Clancy, to approve. The Commission voted unanimously approved 6-0.

Public hearings:

Request for Determination of Applicability

35 Red Spring Rd. – Mr. & Mrs. Hause

Mr. Hause was present and explained that he had originally wanted to put the addition on the deck side of the house. But after being informed by Ms. Ryder that the setback would have to come from the closest water area, they would not be able to meet the 30' set back, therefore, he is proposing to put the addition on the other side of the house away from the stream and more than 30' away from the water's edge as required. The structure he is proposing is on helical piers and will have minimal disturbance to the soil. Mr. Dunbar indicated that he had been out to the site as well and had noted the proximity to the stream, he along with the rest of the Commission, agreed that the revised location would be much better. Mr. Hause will draft up a new set of plans showing the new location for the addition and will return to the next meeting. Chairman Clancy continued this hearing to the February 17, 2022, meeting.

Amend Notice of Intent – 212-1215 (continued from Jan. 20, 2022)

107 Simarano Dr. - Andrew Montelli, Post Road Realty LLC

Mitch Maslanka from Goddard Consulting was present representing the applicant Post Road Realty. He explained that they provided: 1. Revised plans, 2. Invasive plant management plan update; 4. Wildlife habitat evaluation; and 3. Response to DEP's questions. He reviewed these changes with the Commission, noting that the trail now has three designated seating locations down from seven, a more detailed replanting and seed mix description. Ms. Paquin asked for clarification on the herbicide treatment. Mr. Maslanka confirmed it would be cut and dab and no spray. He explained that he included ongoing maintenance and management until the 75% revegetation criteria had been met. Mr. Dunbar asked about the safety at the culvert crossing. Mr. Maslanka confirmed that a split rail fence would be installed for protection. After further discussion about planting, invasive plant control and the need to make sure the old well is no longer a hazard, the Commission had no further questions. Chairman Clancy closed the hearing. The Commission then reviewed the draft Order of Conditions and amended #74 to remove reference to Certificate of Occupancy and #73 to confirm material type for furniture was not an issue. On a motion by Mr. White second by Mr. Clancy to approve the draft Order of Conditions as written and amended, the Commission voted unanimously 7-0.

✓ 7/18

Review Draft Order of Conditions:

- 111 Cullinane Dr. – Yi Zhou - The Commission reviewed the draft Order of Conditions and made some changes to #27 to require an engineer to stake the wall location and confirm the 262' elevation and provide a surveyed as-built plan. Ms. Ryder noted that DEP has not yet issued a file number but has received the plans. Therefore, this permit cannot go out until the file number is issued. On a motion by Mr. Skarin second by Mr. Clancy to approve the Order of Conditions as drafted and amended the Commission voted 6-1 Mr. Dunbar voting in opposition. Following the vote Mr. Dunbar explained that his objections were that there was no erosion, no previous wall, so not replacing, this is work in the 20' buffer zone and should not be permitted.

Violation Notices:

- **896 Boston Post Rd. – Renovo's Landscaping (continued from Jan. 20, 2022)** – the owner of this company has asked to continue this until the March 3rd meeting as he is out of the country.

Discussion/Project Updates:

- **Annual Review of Policies (continued from Jan. 20, 2022)**
 - Wetland Setback Policy – Draft - The Commission reviewed examples of wetland bylaws and policies from other communities. Framingham has a 30' wetland setback and extends jurisdiction to 125' buffer zone; Holyoke has a 50' wetland no disturb zone, Franklin has 25' no touch and 50' no build zones. Ms. Paquin asked about slope considerations and if that needs to be included. Chairman Clancy expressed his interest in expanding the Commissions setback to 30', the members discussed this and overall, all members agreed of expanding the no touch zone from the current 20' to 30'. They discussed several recent plans where houses and work were proposed at the 20' buffer zone, on already marginal lots, therefore a bigger buffer would provide better protection. They also noted that with climate change and increased precipitation, wetlands will need to do much more work absorbing stormwater, so this added 10' will serve to add a better buffer between work areas and the wetlands. Wetlands provide important flood control as well as important habitat. There was discussion about how walls along shorelines, similar to what was just discussed, could be approved in this 30' buffer zone. This will need to be clarified. In addition, can something be added regarding fertilizing lawns in a more ecological way so as not to impact the wetlands. After further discussion the Commission asked Ms. Ryder to draft a new setback policy reflecting this discussion for review at the next meeting.
 - Tree Removal Policy – Draft - The Commission reviewed the tree removal policy and noted that item 5 should be removed. The section on tree trimming item 8 will need to be re-written so as to ensure continued tree health, Chairman Clancy noted that the town of Braintree has a no loss of tree clause and also has a fund for tree replacement Item 9 should remove the reference to ornamental trees, just native trees should be used, item 10, trees to be replaced with 1 ½"-2" caliper trees and replacement of trees should be 2:1 not 1:1. Some clarification where trees should be replanted should also be included. After some discussion Ms. Ryder was asked to draft a revised policy to include these comments for review at the next meeting.
- **Desert Natural Area – Project Update-** no updates at this time were made.

Correspondence/Other Business

- **Iron in water and Iron Algae:** Mr. Dunbar shared a photo he had taken on Red Spring Rd. beside 35 Red Spring Rd. showing the orange/rust color of the stream channel. He wanted to point this out as a point of education to explain why Red Spring Rd. is so called. The natural iron in the surrounding landscape is oxidized when it reaches the air and then is fed on by the iron loving algae which then “paints” the bottom of the stream channel orange. He wanted to be sure it was clear this color is not from the landfill; it is a natural phenomenon.

Next Conservation Commission meetings: Feb. 17, 2022 & March 3, 2022

Adjournment. There being no further discussion, the meeting was adjourned with a motion by Mr. White, second by Mr. Clancy to adjourn. The Commission voted 7-0 to adjourn.

Respectfully submitted,

Priscilla Ryder
Conservation/Sustainability Officer

Ghiloni Park Native Pollinator Garden Proposal

By Paul Goldman and Karin Paquin

February 2022

✓
FKV

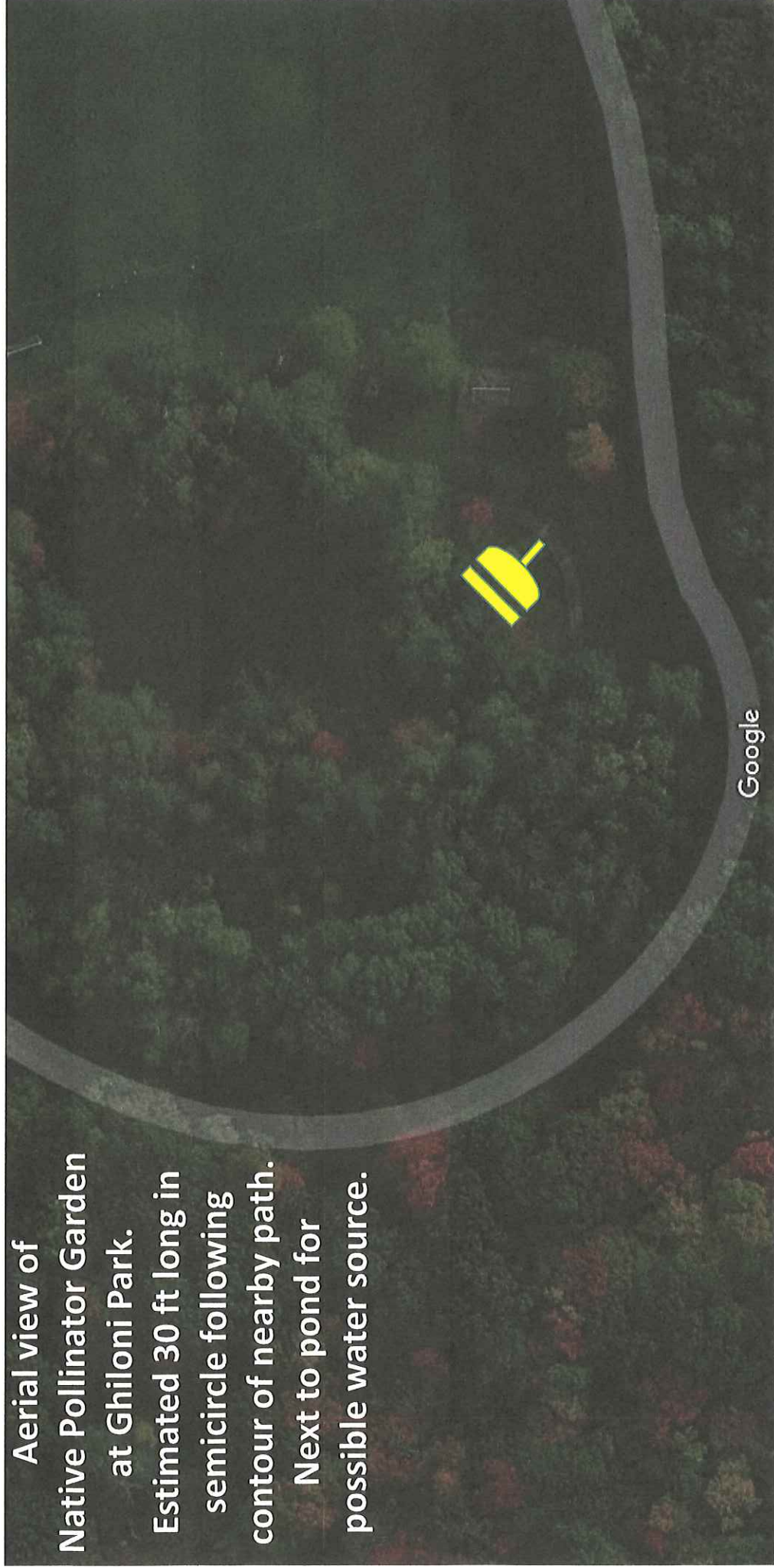


Aerial view of Native Pollinator Garden at Ghiloni Park

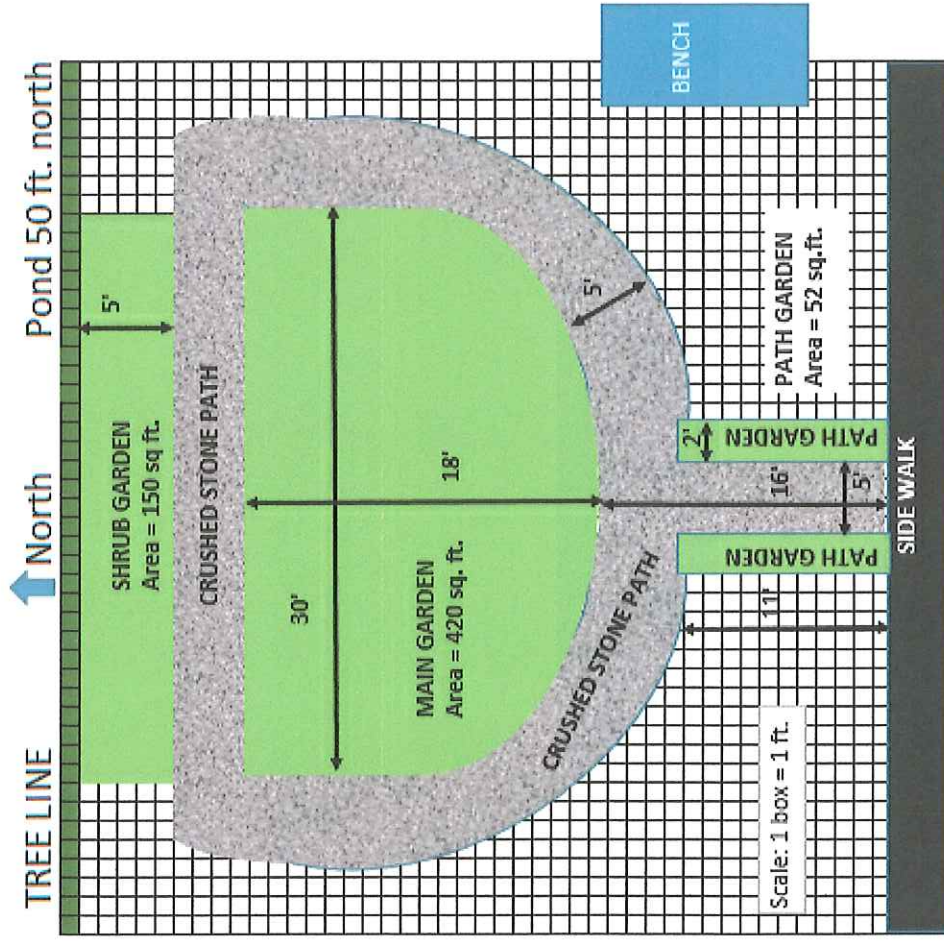
Outline of zoomed area in next image.

Google

**Aerial view of
Native Pollinator Garden
at Ghiloni Park.
Estimated 30 ft long in
semicircle following
contour of nearby path.
Next to pond for
possible water source.**



Dimensions



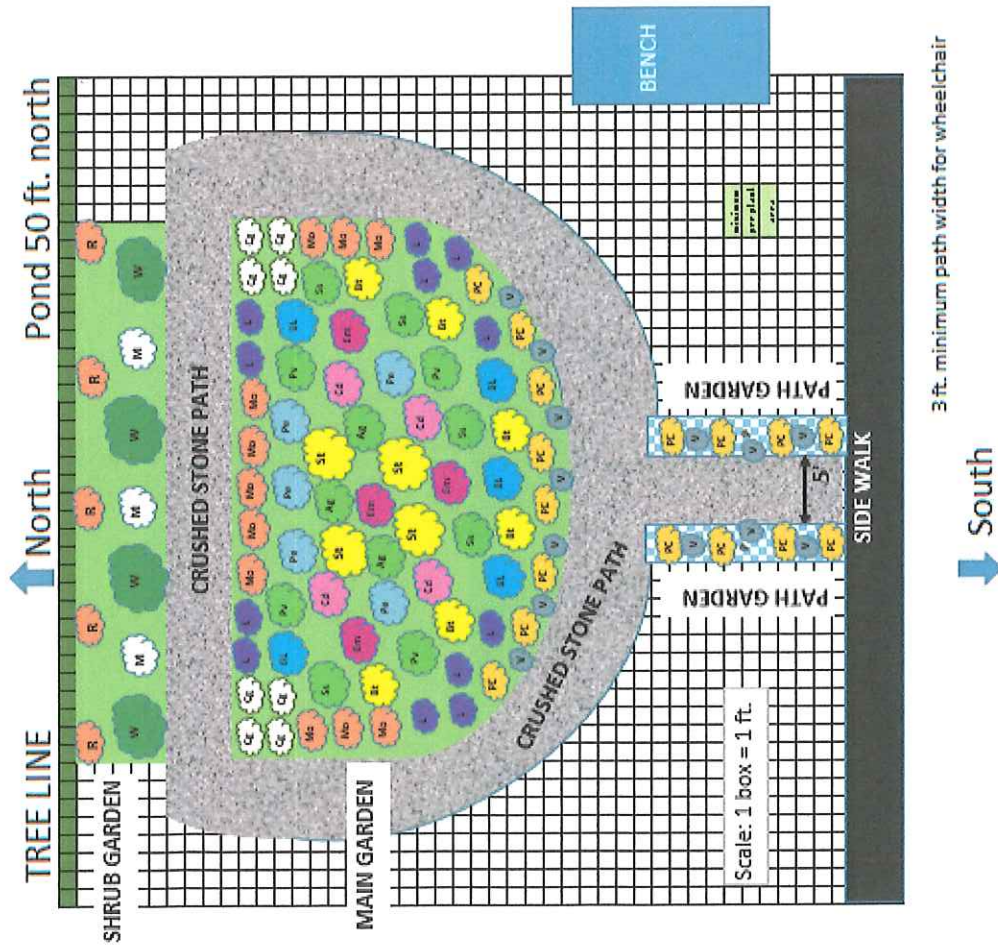
Total Garden Area: 622 sq. ft.
 Main Garden = 420 sq. ft.
 Shrub Garden = 150 sq. ft.
 Path Garden = 52 sq. ft.

Total Crushed Stone
 Path Area ~ 505 sq. ft.

3 ft. minimum path
 width for wheelchairs

South

Plant Plan



Key	Latin Name	Common Name
St	Eutrochium maculatum	Spotted St. John's-wort
L	Lupinus perennis	Wild Lupine
Pe	Penstemon hirsutus	NE Beardtongue
Mo	Monarda didyma	Scarlet beebalm
Cg	Chelone glabra	White Turtlehead
PC	Pedicularis canadensis	Wood betony
BL	Lobelia siphilitica	Blue lobelia
Cd	Cirsium discolor	Field Thistle
Em	Eutrochium maculatum	Spotted Joe-Pye Weed
V	Viola sororia	Common violet
Ag	Andropogon gerardii	Big bluestem
Ss	Schizachyrium scoparium	Little bluestem
Pv	Panicum virgatum	Switch grass
Bt	Baptisia tinctoria	Yellow Wild Indigo

Key	Latin Name	Common Name
W	Salix petiolaris	Meadow Willow (male)
R	Rosa carolina	Carolina Rose
M	Spiraea alba	White Meadowsweet

Key	Latin Name	Common Name
P	Prunella vulgaris	Common Selfheal
PC	Pedicularis canadensis	Wood betony
V	Viola sororia	Common violet

Plant Plan Details

Plant Cost Estimate based on Lincoln Cost Information

2/27/2022

by Paul Goldman

DRAFT 2

Hi Qty. Lo Qty.

\$167 Low Plugs \$5.77 High Plugs

Key	Latin Name	Common Name	Spacing	Height	Color	Source	Bloom	Qty.	Cost total	Cost total
Main Garden										
St	Eutrochium maculatum	Spotted St. John's-wort	3 ft	1-3 ft	yellow	Pollen	JAS	4	\$ 6.68	\$ 23.08
L	Lupinus perennis	wild Lupine	1 ft	1-2 ft	purple	Nector	MJM	12	\$ 20.04	\$ 69.24
Pe	Penstemon hirsutus	NE Beardtongue	2 ft	2-4 ft	white/blue	Nector	MJ	5	\$ 8.35	\$ 28.85
Mio	Monarda didyma	Scarlet beebalm	1 ft	2-4 ft	pink/red	Nector	JJA	11	\$ 18.37	\$ 63.47
Cg	Chelone glabra	White Turtlehead	2 ft	2-3 ft	white	Nector	JAS	8	\$ 13.36	\$ 46.16
PC	Pedicularis canadensis	Wood betony	1 ft	1 ft	yellow	Nector	AM	8	\$ 13.36	\$ 46.16
BL	Lobelia siphilitica	Blue lobelia	1.5 ft	2-4 ft	blue	Nector	JASO	5	\$ 8.35	\$ 28.85
Cd	Cirsium discolor	Field Thistle	2 ft	6 ft	purple	Nector	ASO	4	\$ 6.68	\$ 23.08
Em	Eutrochium maculatum	Spotted Joe-Pye Weed	3 ft	6 ft	purple	Nector	JAS	4	\$ 6.68	\$ 23.08
V	Viola sororia	Common violet	10 in	8 in	blue/violet	Nector	AMJ	7	\$ 11.69	\$ 40.39
Ag	Andropogon gerardii	Big bluestem	3 ft	3-8 ft	blue/green	Host	Aug	3	\$ 5.01	\$ 17.31
Ss	Schizachyrium scoparium	Little bluestem	2 ft	2-4 ft	blue/green	Host	Sep	5	\$ 8.35	\$ 28.85
Pv	Panicum virgatum	Switch grass	4 ft	3-5 ft	red/purple	Host	Jul	4	\$ 6.68	\$ 23.08
Bt	Baptisia tinctoria	Yellow Wild Indigo	2-3 ft	2-3 ft	yellow	Host	JJA	6	\$ 10.02	\$ 34.62
								86	\$ 143.62	\$ 496.22

Key	Latin Name	Common Name	Spacing	Height	Color	Source	Bloom	Qty.	Cost ea.	Cost Total
Shrub Garden										
V	Salix petiolaris	Meadow Willow (male)	8 ft	3-20 ft	yellow/white	Pollen	MAM	4	\$ 10.00	\$ 40.00
R	Rosa carolina	Carolina Rose	3 ft	3-6 ft	pink	Pollen	JJA	5	\$ 12.50	\$ 62.50
M	Spiraea alba	White Meadowsweet	4 ft	3-4 ft	white	Pollen	JJAS	3	\$ 12.50	\$ 37.50
								12		\$ 140.00

may get donation

Key	Latin Name	Common Name	Spacing	Height	Color	Source	Bloom	Qty.	Cost total	Cost total
Path Garden										
P	Prunella vulgaris	Common Selfheal	seed	2-12 in	purple	Nector	JJA	8	\$ 6.25	\$ 6.25
PC	Pedicularis canadensis	Wood betony	1 ft	1 ft	yellow	Nector	AM	8	\$ 13.36	\$ 46.16
V	Viola sororia	Common violet	10 in	8 in	blue/violet	Nector	AMJ	6	\$ 10.02	\$ 34.62
								14	\$ 29.63	\$ 87.03
Total								112	\$ 313.25	723.25

Cost Estimates and Assumptions

Total Garden Area: 622 sq. ft.
Main Garden = 420 sq. ft.
Shrub Garden = 150 sq. ft.
Path Garden = 52 sq. ft.

Site Cost Estimate based on Lincoln Cost Information					
	by Paul Goldiman	1/20/2022			
	DRAFT 1		5100 sf garden	2500 sq garden	
			\$0.76/sf low	\$1.90/sf high	
		sq. ft.			
Total	Ghiloni	650	\$ 494	\$ 1,235	est. from Lincoln
Plugs, Shrubs, Seeds	Plants		\$ 313	\$ 723	
Hay Salt Marsh	Mulch		\$ 75	\$ 75	
25 ea	Gloves		\$ 25	\$ 25	
120 ea	Flag/markers	wood	\$ 25	\$ 25	
Rope off garden grid	Stakes/string		\$ 25	\$ 25	
3 yds	Compost		\$ 155	\$ 155	
25 volunteers	Food & water		\$ 100	\$ 100	
Insect, sunblock, etc.	First Aid		\$ 25	\$ 25	
	Est. Totals		\$ 743	\$ 1,153	
Several options	Water Pump		\$ 300	\$ 300	

Assumptions
> 25 volunteers
> Cardboard prep & weed control free (no solarization)
> Garden tools available - no cost
> DPW preps site, makes stone path
> DPW provides water tank (400 gals/wk)??
> Ram pump, hand pump, solar pump (\$300 not in budget)
> 403 gal. water/wk. equals 1 in./wk.
> 2" deep compost
> Food & water for training, prep and install
> DPW makes signs (they have road sign maker)
> No need for fencing

Budget

Income	Amount	Source
Grant	\$ 250	Plant Something Bee-eautiful
Grant	\$?	Conservation Commission Fund
In-kind		Local businesses & organizations
Contributions		Local businesses, organizations & residents
Expenses	Amount	Assumptions
Plants	\$ 723	112 plants from Plan
Mulch & compost	\$ 230	625 sq. ft. & 2" compost
Garden Supplies	\$ 75	Markers, rope, gloves
Volunteer Supplies	\$ 125	25 volunteers
Misc.	\$ 100	TBD
Total	\$ 1,253	

Collaborators

- ConComm
- DPW
- Colonial Garden Club
- Girl Scouts
- MCA Native Pollinator Task Force

Ghiloni Park Native Pollinator Garden Plan Schedule

Date	Action
Sept. 28, 2021	Grant - Plant Something Bee-eautiful - \$250
On-going	Fundraising
February 2022	Present plan to Conservation Committee
February 2022	Confirm plan with DPW
February 2022	Order plants
March 2022	Cover site with cardboard, brown paper bags & mulch
April 2022	Coordinate volunteers and order supplies
May 2022	Begin planting
June 2022	Complete garden
July - October 2022	Maintain garden – water and weeding

Feel the buzz?



Any questions?

City of Marlborough
Conservation Commission
140 Main St.
Marlborough, MA 01752

DRAFT

30' WETLANDS SETBACK NO DISTURB POLICY

Unless proven otherwise by the applicant, the Conservation Commission shall presume that any proposed activity within **30 ft.** of any wetland will have a significant adverse impact on the wetland and shall not be permitted.

Purpose of Policy

The Conservation Commission has found that activity in the **30 ft.** buffer zone bordering wetland resource areas poses a serious threat to such areas. As a result, the Conservation Commission strongly discourages such activity within **30 ft.** of wetland boundaries. This undisturbed zone will provide a minimum buffer to prevent negative impacts on wetlands.

Basis of Policy

Scientific research, and the Conservation Commission's own experience in reviewing a wide variety of projects, demonstrates that alteration or construction activities within the buffer zone consistently result in destructive effects on the wetlands themselves. These include, but are not limited to, disturbance of natural vegetation along the wetland boundary, run-off of pollutants, fill materials, and other substances into the wetlands, stockpiling or dumping of materials or debris which migrate over time into the wetlands, and disturbance of wildlife habitat, such as nesting sites and corridors which are important to wetland species. The Conservation Commission has also noted a tendency on the part of many project proponents to design the project so that it goes to the absolute limit of the wetland boundary. Particularly given the difficulty which often arises in defining that boundary, in most instances it is vital to protect an adjacent section of the buffer zone and prevent the inevitable destructive impacts on the wetlands which go to the boundary.

The Policy

As used herein:

"Alteration" shall mean any removal (grading, filling and /or excavation) of vegetative cover, soil or other naturally occurring materials.

"Construction" shall mean the construction of any permanent or temporary structure or building, including, without limitation, any residential or commercial building, garage, shed, barn, tennis court, deck, swimming pool, parking area, driveway, fence, or landscaping project.

In acting upon Notices of Intent and Determination of Applicability, the Conservation Commission will presume that any **alteration or construction** within **30 ft.** of a wetland boundary would have a significant adverse impact on the wetlands, and such **alteration or construction** shall not be permitted unless the applicant demonstrates that (1) such activity would not have such an impact, or (2) public benefits, such as health or safety, outweighs any such impact, or (3) the activity involves the maintenance of existing structures, or (4) the activity

7/2/11

is the installation of the stormwater outlet structure (5) the activity is related to installation of a woods trail and/or footbridge crossing. The applicant will have the burden of proof by clear and convincing evidence on this issue. Factors to be considered by the Conservation Commission in determining whether the applicant has met this burden shall include, but are not limited to, the following:

1. Slope of the buffer zone
2. Type and structure of vegetation, soil type and hydrology in the buffer zone
3. Degree and scale of past alterations in the buffer zone
4. Ecological integrity of the adjacent wetlands
5. Importance of the buffer zone to wildlife utilizing the wetland
6. Whether the proposed activity in the buffer zone would be permitted if it were in the wetland (? This was in the original version but I don't know what it means?)
7. Any ecological benefits arising from the proposed activity, such as removal of exotic vegetation or creation of enhanced wildlife habitat
8. Any public benefits arising from the proposed activity
9. Alternatives have been considered and in the judgment of the Commission no practical alternative is available. However, restoration or plantings in the zone may be required, to help define and protect the remainder of the buffer zone.
10. Project scope and design minimized the work in close proximity to resource area
11. Project will not lead to encroachment on the resource area after the project is completed
12. Commission may impose a wider undisturbed buffer zone to ensure protection of wetland resource areas if the project involves: sensitive habitats, steep slopes, highly erodible soils, extensive disturbed area or hydraulic conditions likely to promote significant erosion

Applicants wishing to rebut the presumption set forth in this policy shall provide the Conservation Commission with the following information, together with any additional relevant information which the Conservation Commission may require:

1. A cross-sectional profile of elevation changes in any area of the buffer zone within **30 ft.** of a wetland which would be disturbed by the proposed activity.
2. A list of all vascular plant species occurring in the **30 ft.** area of the buffer zone and adjacent wetland areas including data on relative abundance of each species.
3. A wildlife habitat evaluation of the 30 ft. area of the buffer zone and adjacent wetlands including data on observed wildlife utilization of such area, such as bird use, occurrence of fish, reptiles, amphibians and mammals.
4. A description of the nature of any public or ecological benefits which may arise from the proposed activities.
5. A photograph of the area to be disturbed.

It is the Conservation Commission's policy, where it has discretion, to prohibit any activity **within 30' of the** wetlands except where there are exceptional circumstances, where no other practical alternative exists, and where satisfactory replication takes place prior to any **alteration or construction**. Activity within the 100 ft. buffer zone will continue to be reviewed on an individual case basis.

Existing Conditions

Maintenance (but, no further alteration or expansion) of yards which existed on or before **8/1/96**, within the **30 ft.** buffer will be permitted, however homeowners are encouraged to maintain natural vegetation within 30 ft. of the wetland edge to help improve the water quality of wetlands and streams. A list of wetland vegetation which could enhance wildlife and water quality can be obtained from the Conservation Office at City Hall. The Commission encourages homeowners to allow a natural vegetation buffer to establish itself along the edge of streams, ponds and **wetlands for improved habitat and filtering.**

Further, the use of herbicides/pesticides, inorganic fertilizers (excluding lime or other organic soil treatments) where labels indicate they are toxic to aquatic organisms, which may alter the adjacent resource area, should not be used adjacent to wetlands. It is likely that the use of these chemicals over time will have an impact on the adjacent wetlands.

Adopted by unanimous vote of the Marlborough Conservation **Commission** ____ **Date**

Marlborough Conservation Commission Tree Removal Policy--- DRAFT

As required by state law, all work including earth moving and vegetation removal within the 100' buffer zone to a wetland requires review by the Conservation Commission. However, there are circumstances where waiting for a hearing before the commission could cause a delay, which could cause a hazard or harm. In these situations, the Commission has authorized its Conservation Officer to allow for the removal of hazardous, dead or dying trees which may, if it fell cause damage to a home, shed, car or driveway or cause other harm and where prompt removal is recommended.

The following protocol must be followed by the Conservation Officer in determining if a tree within the 100' buffer zone is a hazard and can be removed, without filing a Request for Determination with the Conservation Commission:

1. The hazard tree must be wholly outside the wetland area, and only in the buffer zone.
2. The hazard tree must be leaning in such a way as to threaten a home, fence, driveway or other accessory structure to a home or building.
3. If the tree is dead or clearly dying it may be removed.
4. The Commission encourages the homeowner to leave a 10' -15' snag (removing the tree branches and leaving a 10'-15' tall trunk of the tree) if it will not cause damage if it falls. Snags are excellent habitat areas for bugs and birds and natural critters and are important to biodiversity. Where feasible, snags are highly encouraged.
5. Trees which have grown too close to the house or deck which overhang the house and whose branches could cause damage if they fell maybe removed.
6. Hazard trees whose root and trunk are IN the wetland proper will need a wetland permit. However, if the threat is imminent, the Conservation Officer may issue an emergency certificate (EC) for tree removal. The EC would then be reviewed at the next Conservation Commission meeting for ratification.
7. Tree trimming or branch removal also requires review to ensure that only problem branches are removed and the tree canopy and function remain intact.
8. Removal of a tree or two that has grown and is crowding out an ornamental tree or other larger tree and whose removal will enhance the health of the remaining tree **can be removed.**
9. **Where trees are removed if there are no young trees that will grow to fill the space, and where the entire canopy is removed, the Conservation Officer shall require the tree to be replaced with two trees that are 1 ½" – 2" caliper to restore shade and habitat function of the tree being removed. If more than one tree is being removed a 2:1 tree replacement may be required to restore the canopy. Tree species and size shall be approved by the Conservation Officer. Native trees are required. A list can be obtained from the Conservation Office.**

If the Conservation Officer determines that the tree meets one of the criteria above, he/she shall confirm the following:

1. No machinery shall enter the wetland area to remove the tree (s).
2. In cases where machinery cannot reach the tree from an upland area, the tree will need to be removed by hand-held machinery. Branches and wood can be left in the buffer zone or **wetland if it doesn't block flow** or removed from site.

Approved by Commission on May 19, 2016 amended on _____

JKX ✓



BEAVER SOLUTIONS

Rec 2-1-2022

14 Mountain Rd; Southampton, MA 01073
Phone: (413) 695-0484
Email: info@beaversolutions.com

January 28, 2022

Dear Priscilla,

As per our agreement, we completed the 2020 routine maintenance on the Flexible Pond Leveler pipe system(s) we installed for you. The Pond Leveler fencing was inspected for corrosion and winter ice or other damage, the pond level was monitored, and the pipe system(s) were adjusted or repaired as needed. We trust you are satisfied with the results of this work.

Comments: On our spring visit it was nice to see the device was not vandalized again. We need to continue to monitor the downstream damming.

In March the ice will melt, and beavers will become active again. Uninterrupted routine maintenance should continue to prevent beaver-related flooding damage. A 2021 Maintenance Plan Renewal invoice is enclosed for your review. However, if you would like to take responsibility for this maintenance work, we are willing to answer any questions you may have at no charge. Note, with renewal of your low cost, annual maintenance agreement you will continue to receive our comprehensive Beaver Solutions "Worry-Free Guarantee" at no additional expense. See attached.

We offer this Guarantee because your satisfaction and our reputation are extremely important to us, and we want to continue to provide long-term, cost-effective solutions to beaver problems. We appreciate the opportunity to continue to work for you. Please contact us at your convenience regarding your Maintenance Plan renewal and feel free to contact us any time with any questions or concerns.

Sincerely,

Mike Callahan + John Egan

Mike Callahan and John Egan
Beaver Solutions LLC
"Working With Nature"

✓ JXX



BEAVER SOLUTIONS LLC

INVOICE

Michael Callahan
 14 Mountain Road
 Southampton, MA 01073
 www.beaversolutions.com

Date
1/28/2022

Invoice Number
01105482

Project Location
Cider Knoll

Project Description
Flow Device Maint. Plan

Date Completed
12/31/2022

Due Date
2/28/2022

Bill To
Priscilla Ryder Conservation Officer 140 Main St. City Hall Marlborough, MA 01752

Description	Qty	Rate	Amount
Optional Annual Flexible Pond Leveler Maintenance Plan - In 2022 the Flexible Pond Leveler will be inspected in the spring and later in the year if needed by Beaver Solutions to ensure effectiveness. Minor repairs are included in price. Our comprehensive Beaver Solutions "Worry-Free Guarantee" is also included. Flow Device Site Covered: Cider Knoll Dam Note: Beaver Solutions Guarantees every flow device we maintain.	1	335.00	335.00
Balance			\$335.00

Beaver Solutions LLC is licensed and fully insured.

Please make check payable to : Beaver Solutions LLC.

Beaver Solutions LLC Maintenance Guarantee

*If a Flexible Pond Leveler pipe
we maintain is blocked by beavers
we will either fix the problem at no charge,
or refund double your Maintenance fee.*

*This Maintenance Guarantee does not cover flooding from other dams,
vandalism, catastrophic event damage, or corrosion after 6 years.
Minor repairs are included with routine maintenance at no additional cost.*