

Proposal for
**Invasive Plants Management
and Native Planting**

29 Green Meadow Dr., Reading 01867

Ujval Shah (Resident)

Invasive Plants Management and Native Planting

- **Location:** 29 Green Meadow Dr., Reading, 01867
- Part of common area of Johnson Woods Property, overlapping with conservation buffer zone

• Problem:

- Backyard is overrun by Concord Grape (*Vitis labrusca*) that is **highly aggressive** and is climbing and **killing trees**, threatening houses, along with other **invasive plants** (buckthorn, Common Privet, etc.), **continues to spread and will soon enter the adjacent un-managed conservation land** under Reading Open Land Trust
- **Due to conservation restriction**, current residents and HoA are not able to manage the vegetation

• Proposed Solution:

- Identification, **manual removal** (by hand-pulling or cutting) of all identified **aggressive and invasive plant species**, **herbicide application treatment** to invasive plant species in **Late Fall 2024**
- **Installation of new native** shrubs, ground cover and tree, as well as loam & seed during **Spring '25**
- **Follow-up invasive plant management in early summer 2025**

• Project Management:

- **Johnson Woods HOA** Board of Trustees and Landscape committee has **approved the plan on 10/05**
- **If Reading conservation approves then will proceed with removal of all invasive plants** by Parterre Garden Services (Miles Connors) in **~Nov. '24**
- **Regular maintenance** by residents and HOA to prevent further growth of invasive plants & weeds

GIS Map Snapshot

Location:

29 Green Meadow Dr.

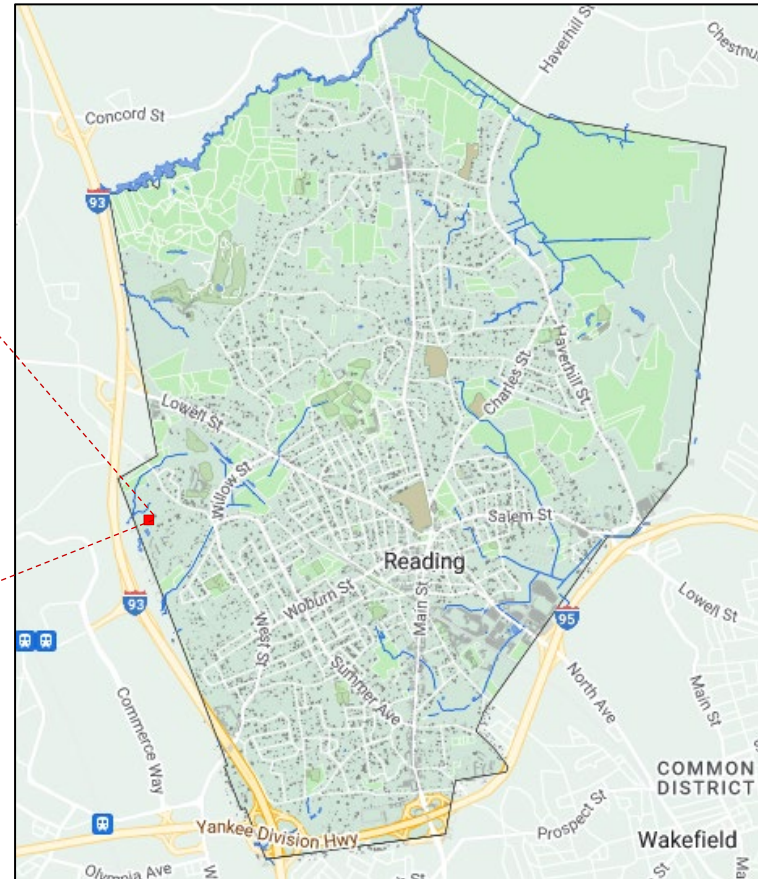
Reading, 01867



LEGEND

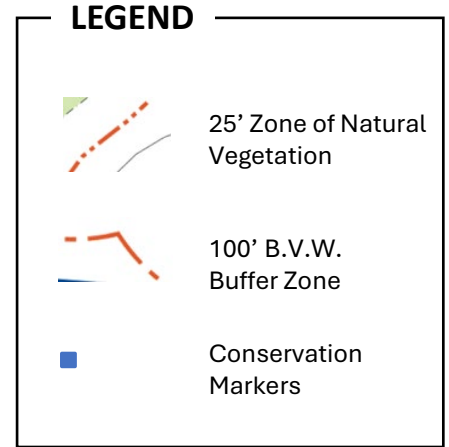
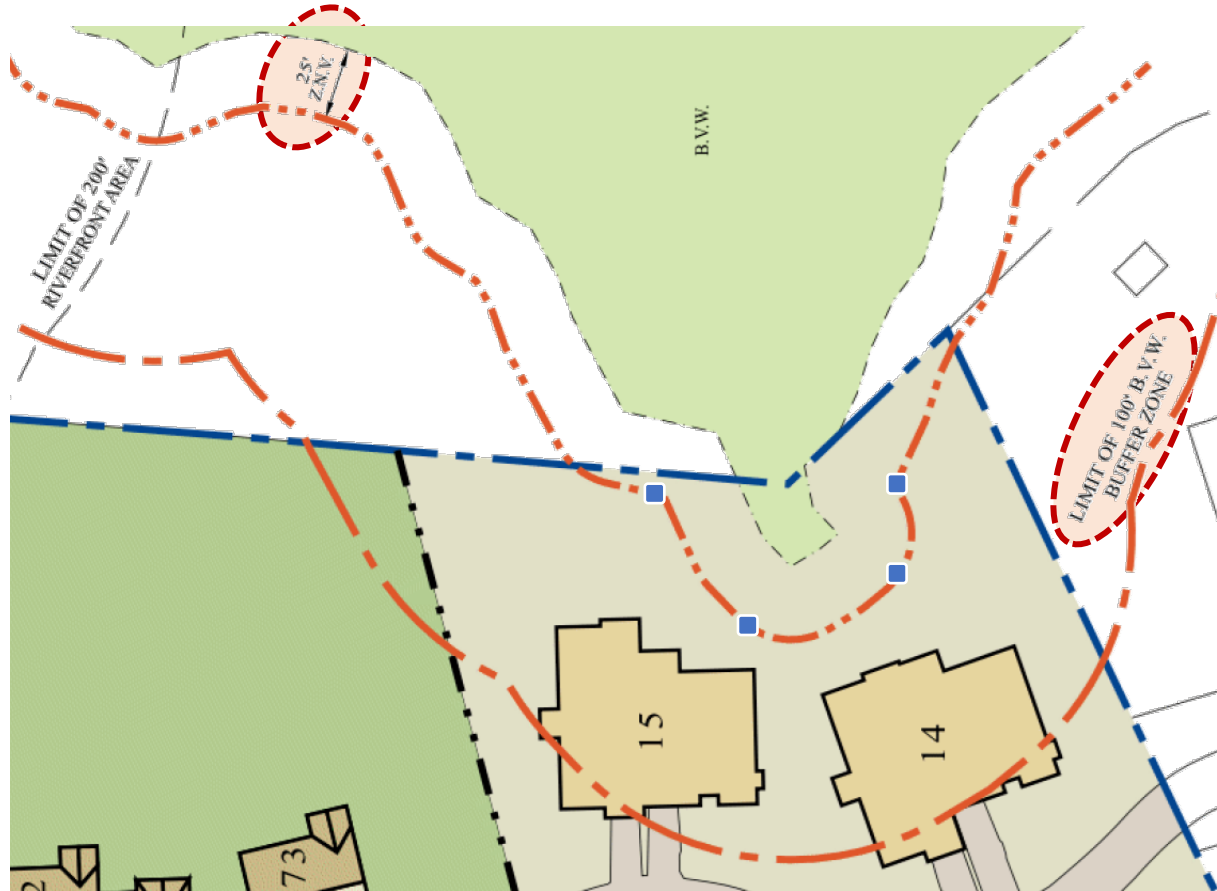
- Parcels
- Easement
- Tree
- Fence
- Guardrail
- Hedge
- Retaining Wall
- Stone Wall
- Wall
- Sidewalk
- Driveway
- Parking
- Pool
- Sports Facility/Field
- Building
- Deck/Porch
- Tanks
- Patios
- Drainage
- Trails
- Path
- CONSERVATION RESTRICTION
- TOWN-OWNED
- STATE
- PRIVATE
- WETLAND AREA

Reading Town



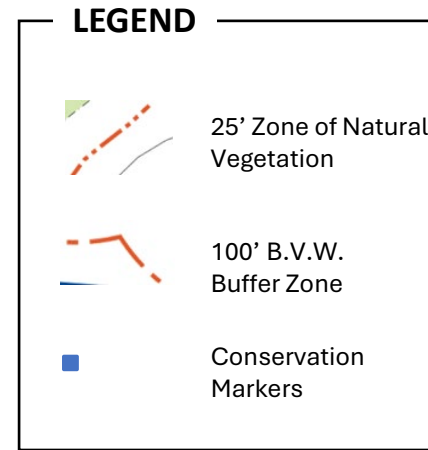
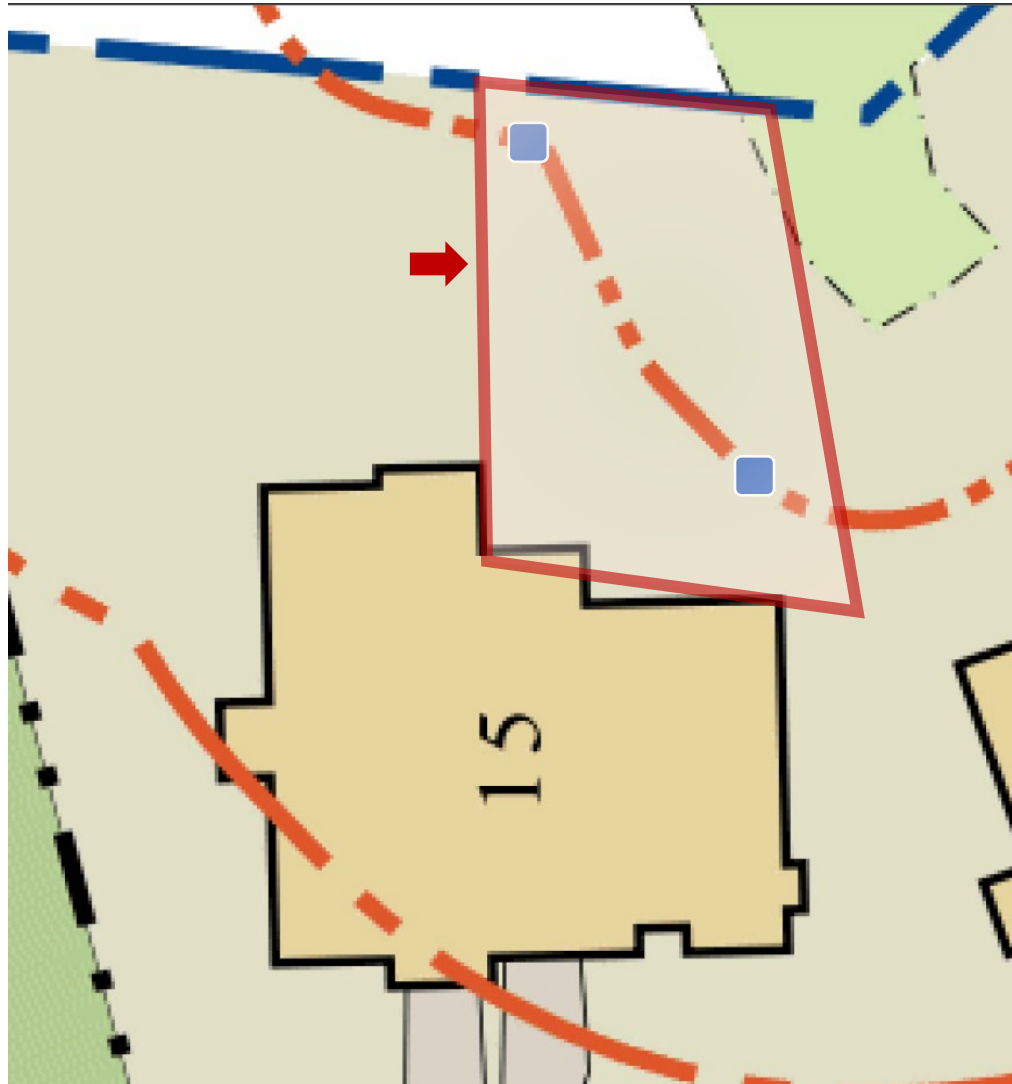
SITE Plan showing Buffer Zones & Conservation Markers

Location:
29 Green Meadow Dr.
Reading, 01867



Scope of Project

Location:
29 Green Meadow Dr.
Reading, 01867



October 2023 View: Little vegetation, dead tree in the center

Location:
29 Green Meadow Dr.
Reading, 01867



Taken on Oct 30, 2023

**September 2024 View:
Run over by Concord Grape (*Vitis labrusca*)**

Location:
29 Green Meadow Dr.
Reading, 01867



Taken on Sept 07, 2024

September 2024 View: Run over by Concord Grape (*Vitis labrusca*)

Location:
29 Green Meadow Dr.
Reading, 01867



Concord Grape
(*Vitis labrusca*)



Taken on Sept 07, 2024

Multiple Invasive plants have taken over

Location:

29 Green Meadow Dr.

Reading, 01867



Concord Grape
(*Vitis labrusca*)



Garlic Mustard
(*Alliaria petiolata*)



Common Privet
(*Ligustrum vulgare*)



Common Buckthorn
(*Frangula alnus*)



Poison Ivy
(*Toxicodendron radicans*)

Invasive Plant Removal Plan

- **Field Technicians who maintain Massachusetts Pesticide Applicators licenses** and are trained in the identification of invasive plant species will complete prescribed management strategies, including **manual hand-pulling, cutting, and plant-specific herbicide application techniques.**
- With HOA and Conservation Commission approval, in **the late fall we will cut and remove invasive shrub and vine species.**
- In the **early summer of 2025**, we will return to cut and treat resprouting invasive shrub and vine species.
- **Herbicide :** Triclopyr (Garlon 3A) (ounce)
- Disposal of invasive plants will follow the prevailing environmental regulations

Taken on Sept 03, 2024

Few native plants identified

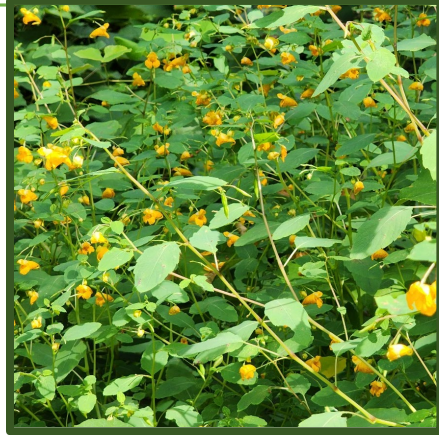
Location:
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American Elderberry
(*Sambucus canadensis*)



Hay-scented Fern
(*Sitobolium punctilobulum*)



Jewelweed
(*Impatiens capensis*)




Arrowwood
(*Viburnum dentatum*)

Native Planting and Landscaping plans


Location:
29 Green Meadow Dr.
Reading, 01867

Native Shrubs




 Clethra alnifolia
(Summersweet)



 Winterberry
(*Ilex verticillata*)


Native Ground Cover



 Hay-scented Fern
(*Sitobolium punctilobulum*)


Native Trees



 Cornus florida
(Flowering Dogwood)

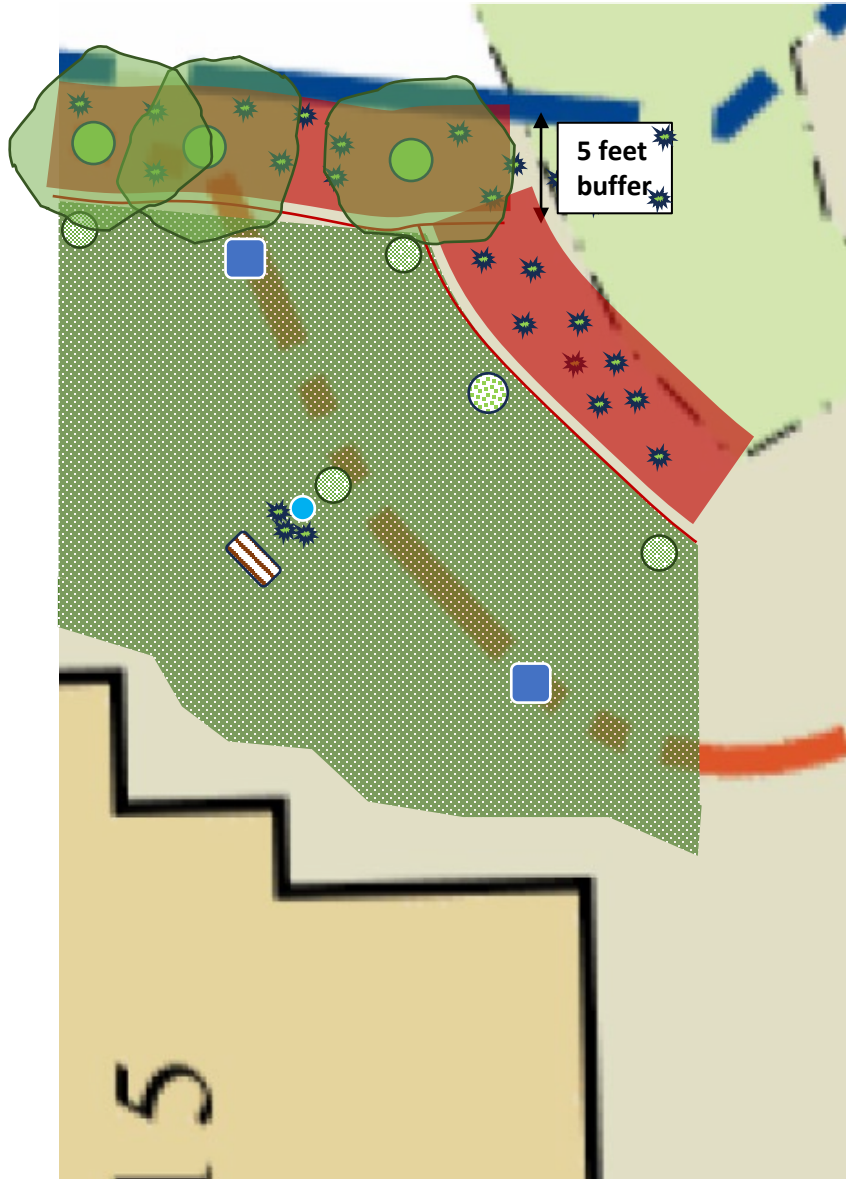
Loam & Seeding



 Loam & Seeding
(Using natural fertilizer)

Project Plan & Timeline

Location:
29 Green Meadow Dr.
Reading, 01867



LEGEND

- 25' Zone of Natural Vegetation
- 100' B.V.W. Buffer Zone
- Conservation Markers
- Existing Trees
- New Native trees (Flowering Dogwood)
- New Ground cover (Ferns)
- Native Shrubs (Summersweet, Winterberry)
- Loam & Seed
- Temporary Bird Bath
- Temporary Wooden Bench

HOA Approval:



HOA Approval (Approved on 10/05)

*Sept. / Oct.
2024*

Conservation Approval:



- **RDA approval**
- **Conservation Committee Approval**

*~Oct. 25
2024*

Vegetation Management:



P A R T E R R E

Miles Hilton Connors
Director of Ecological Services

Parterre Garden Services
2 Republic Road
North Billerica, MA 01862

Telephone: 617.492.2230

Fax:

Email: info@parterregarden.com

*~Nov-Dec.
2024*

Landscaping (Native Shrubs, Ground Cover, Trees & Grass):

Vendor - TBD

*Spring
2025*

Thank you