

PROPOSED MITIGATION PLANTING PLAN

PREPARED BY: ENVIRONMENTAL CONSULTING & RESTORATION, LLC  
DATE: 08-25-2026

| Plant Legend                                                                      |     |                  |                      |               |
|-----------------------------------------------------------------------------------|-----|------------------|----------------------|---------------|
| Symbol                                                                            | Qty | Common           | Botanical            | Size          |
|  | 5   | Bayberry         | Morella pensylvanica | 1.5 to 2 feet |
|  | 4   | Black Chokeberry | Aronia melanocarpa   | 1.5 to 2 feet |
|  | 6   | Sweet Pepperbush | Clethra alnifolia    | 1.5 to 2 feet |
|  | 4   | Witch Hazel      | Hamamelis virginiana | 1.5-2 feet    |

Mitigation notes:

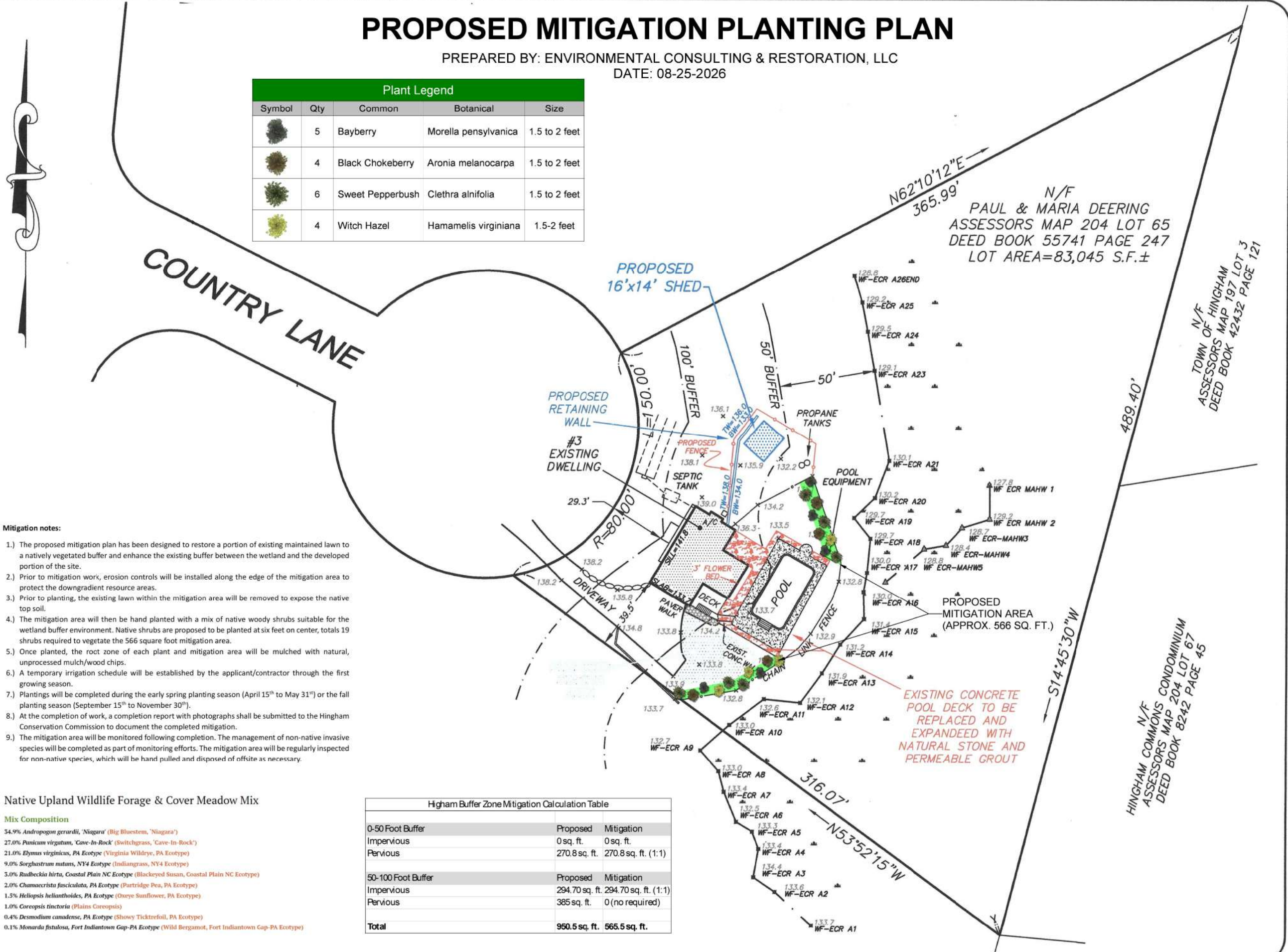
- 1.) The proposed mitigation plan has been designed to restore a portion of existing maintained lawn to a natively vegetated buffer and enhance the existing buffer between the wetland and the developed portion of the site.
- 2.) Prior to mitigation work, erosion controls will be installed along the edge of the mitigation area to protect the downgradient resource areas.
- 3.) Prior to planting, the existing lawn within the mitigation area will be removed to expose the native top soil.
- 4.) The mitigation area will then be hand planted with a mix of native woody shrubs suitable for the wetland buffer environment. Native shrubs are proposed to be planted at six feet on center, totals 19 shrubs required to vegetate the 566 square foot mitigation area.
- 5.) Once planted, the root zone of each plant and mitigation area will be mulched with natural, unprocessed mulch/wood chips.
- 6.) A temporary irrigation schedule will be established by the applicant/contractor through the first growing season.
- 7.) Plantings will be completed during the early spring planting season (April 15<sup>th</sup> to May 31<sup>st</sup>) or the fall planting season (September 15<sup>th</sup> to November 30<sup>th</sup>).
- 8.) At the completion of work, a completion report with photographs shall be submitted to the Hingham Conservation Commission to document the completed mitigation.
- 9.) The mitigation area will be monitored following completion. The management of non-native invasive species will be completed as part of monitoring efforts. The mitigation area will be regularly inspected for non-native species, which will be hand pulled and disposed of offsite as necessary.

Native Upland Wildlife Forage & Cover Meadow Mix

Mix Composition

- 34.9% *Andropogon gerardii*, 'Niagara' (Big Bluestem, 'Niagara')  
27.0% *Panicum virgatum*, 'Cave-In-Rock' (Switchgrass, 'Cave-In-Rock')  
21.0% *Elymus virginicus*, PA Ecotype (Virginia Wildrye, PA Ecotype)  
9.0% *Sorghastrum nutans*, NY4 Ecotype (Indiangrass, NY4 Ecotype)  
3.0% *Rudbeckia hirta*, Coastal Plain NC Ecotype (Blackeyed Susan, Coastal Plain NC Ecotype)  
2.0% *Chamaecrista fasciculata*, PA Ecotype (Partridge Pea, PA Ecotype)  
1.5% *Helopsis helianthoides*, PA Ecotype (Oxeye Sunflower, PA Ecotype)  
1.0% *Coreopsis tinctoria* (Plains Coreopsis)  
0.4% *Desmodium canadense*, PA Ecotype (Showy Ticktrefoil, PA Ecotype)  
0.1% *Monarda fistulosa*, Fort Indiantown Gap-PA Ecotype (Wild Bergamot, Fort Indiantown Gap-PA Ecotype)

| Hingham Buffer Zone Mitigation Calculation Table |  |                |                      |
|--------------------------------------------------|--|----------------|----------------------|
|                                                  |  | Proposed       | Mitigation           |
| 0-50 Foot Buffer                                 |  |                |                      |
| Impervious                                       |  | 0 sq. ft.      | 0 sq. ft.            |
| Pervious                                         |  | 270.8 sq. ft.  | 270.8 sq. ft. (1:1)  |
| 50-100 Foot Buffer                               |  |                |                      |
| Impervious                                       |  | 294.70 sq. ft. | 294.70 sq. ft. (1:1) |
| Pervious                                         |  | 385 sq. ft.    | 0 (no required)      |
| Total                                            |  | 950.5 sq. ft.  | 565.5 sq. ft.        |



Sheet Title

SITE PLAN OF LAND



PERKINS ENGINEERING, INC.

1287 WASHINGTON STREET  
WEYMOUTH, MASSACHUSETTS 02189  
TEL: 781-749-3600

Project Name

3 COUNTRY LANE  
HINGHAM, MASSACHUSETTS  
PLYMOUTH COUNTY

Prepared for

PAUL DEERING

Scale

1"=50'

Date

AUGUST 25, 2026

File No.

Fig. No.

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