

Town of Rowley

Conservation Commission

Phone: (978) 948-2330 Fax: (978) 948-7196

Conservation@townofrowley.org

REQUEST FOR CERTIFICATE OF COMPLIANCE CHECKLIST Under the Wetlands Protection Act and Rowley's Wetlands Bylaw

Submit two (2) copies of the following to request a Certificate of Compliance:

- Completed WPA Form 8A – Request for Certificate of Compliance.
- Wetland Bylaw Fee Calculation Form (see Forms & Checklists on webpage).
- Check for appropriate fee (made out to Town of Rowley).
- A written statement signed (submit original signature), wet stamped and dated from a Registered Professional Engineer of the Commonwealth certifying that the work has been completed in compliance with the Order of Conditions, documents, and the final approved plans (or approved revisions). Any discrepancies or deviations between the proposed plan and post-construction conditions shall be noted and explained.
- An as-built topographic plan of the same scale as the approved plan, wet stamped and signed with original signature and date by a Registered Professional Engineer or Land Surveyor of the Commonwealth, showing post-construction conditions for the public record. This plan will include as built elevations of all drainage ways constructed within 100' of any wetland or 200' of a perennial stream, distances to all structures, and all elevations within 100' of wetlands and 200' of perennial streams. The as-built plan must show all wetland resource area boundaries with associated buffer zones and any No Cut/No Disturbance Zones taken from the plan(s) approved in this OC. The as built plan must show elevations of all filled, altered, or replicated wetlands.
- Email an electronic PDF copy of all documents to conservation@townofrowley.org. All documents and plans will be provided as separate electronic files for record management purposes.
- Any additional materials which may be required under the Order of Conditions. Please read the Order of Conditions to determine **all** requirements to obtain a Certificate of Compliance.

Send hard copies by mail or hand deliver to:

Rowley Conservation Commission

P.O. Box 24

39 Central Street, Room #4

Rowley, MA 01969

October 19, 2023

Conservation Commission
Town Hall Annex Room 4
39 Central Street
PO Box 24
Rowley, MA 01969

Re: DEP File No. 063-0659
101 Main Street
Owner/Applicant: Gerald Fandetti, Firehouse Inn, LLC

Dear Commission Members:

In accordance with Conditions 12 & 30 of the Order of Conditions issued on August 24, 2017, find enclosed an As-Built Site Conditions plan for the above-referenced project. Also enclosed is the Form 8A – Request for Certificate of Compliance, final monitoring report from DeRosa Environmental Consulting, Inc. and the \$250 fee.

I hereby certify that all work has been satisfactorily completed in accordance with the approved plans as revised and the Order of Conditions with the following minor exceptions:

- The approved deck and steps behind the restaurant, 4' wide stone dust path and associated overlook area on the southern half of the site were not constructed.
- A stockade fence was constructed around the generator and HVAC pads along the southern face of the restaurant approximately 34' from WF A15.
- Approximately 145 LF of additional post and rail fencing was installed to the south and east of the restaurant and associated patio.
- A shed (166 SF±) was constructed to the southeast of the restaurant approximately 33' from the wetland.

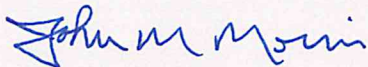
The above referenced changes should have no measurable impact on the stormwater design of the lot and should have no measurable impact to the abutters or the resource areas.

At this time, we ask that the Commission issue a Certificate of Compliance for this project.

If you should have any questions regarding this matter, please do not hesitate to contact our office.

Sincerely,

THE MORIN-CAMERON GROUP, INC.



John M. Morin, PE
President

JMM/kmm

Enclosures

cc: Firehouse Inn, LLC (via email)



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
WPA Form 8A – Request for Certificate of Compliance
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

DEP File Number:
 063-0659
 Provided by DEP

A. Project Information

Important:
 When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Upon completion of the work authorized in an Order of Conditions, the property owner must request a Certificate of Compliance from the issuing authority stating that the work or portion of the work has been satisfactorily completed.

1. This request is being made by:
 Gerald Fandetti, Firehouse Inn, LLC
 Name
 350 Main Street
 Mailing Address
 Cambridge MA 02142
 City/Town State Zip Code
 Phone Number

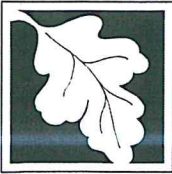
2. This request is in reference to work regulated by a final Order of Conditions issued to:
 Gerald Fandetti, Firehouse Inn, LLC
 Applicant
 August 24, 2017 063-0659
 Dated DEP File Number

3. The project site is located at:
 101 Main Street Rowley
 Street Address City/Town
 Map 25 Parcel 92
 Assessors Map/Plat Number Parcel/Lot Number

4. The final Order of Conditions was recorded at the Registry of Deeds for:
 Property Owner (if different)
 So. Essex 36134 459
 County Book Page
 Certificate (if registered land)

5. This request is for certification that (check one):
 the work regulated by the above-referenced Order of Conditions has been satisfactorily completed.
 the following portions of the work regulated by the above-referenced Order of Conditions have been satisfactorily completed (use additional paper if necessary).

 the above-referenced Order of Conditions has lapsed and is therefore no longer valid, and the work regulated by it was never started.



WPA Form 8A – Request for Certificate of Compliance

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

A. Project Information (cont.)

6. Did the Order of Conditions for this project, or the portion of the project subject to this request, contain an approval of any plans stamped by a registered professional engineer, architect, landscape architect, or land surveyor?

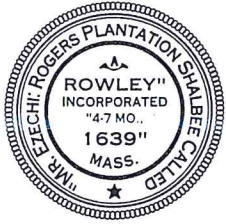
Yes

If yes, attach a written statement by such a professional certifying substantial compliance with the plans and describing what deviation, if any, exists from the plans approved in the Order.

No

B. Submittal Requirements

Requests for Certificates of Compliance should be directed to the issuing authority that issued the final Order of Conditions (OOC). If the project received an OOC from the Conservation Commission, submit this request to that Commission. If the project was issued a Superseding Order of Conditions or was the subject of an Adjudicatory Hearing Final Decision, submit this request to the appropriate DEP Regional Office (see <http://www.mass.gov/eea/agencies/massdep/about/contacts/find-the-massdep-regional-office-for-your-city-or-town.html>).



Town of Rowley Conservation Department

Town Hall Annex – Room 4
 39 Central St, P.O. Box 24, Rowley, MA 01969
 Phone: 978-948-2330 Fax: 978-948-7196
conservation@townofrowley.org

WETLAND BYLAW FEE CALCULATION FORM

Property Address:	Map:	Parcel:	Lot:
APPLICATION NAME / ACTIVITY	LOCAL BYLAW FEE	# of Activities or Measurement	Subtotal
Request for a Determination of Applicability (RDA)	\$75		
Abbrev. Notice of Resource Area Delineation (ANRAD)			
Single Family House Project	\$1/linear foot, first 100'; \$0.50/lf, second 100'; \$0.10/lf, each additional foot		
All Other Projects	*\$1/linear foot, first 1000'; \$0.50/lf, second 1000'; \$0.10/lf, each additional foot		
Notices of Intent (NOI)			
Category 1 Activity	\$100		
Category 2 Activity	\$250		
Category 3 Activity	\$525		
Category 4 Activity	\$725		
Category 5 Activity	\$2/foot		
Category 6 Activity - If no ANRAD was filed for the project site, then a local Cat. 6 fee must be paid in accordance with the ANRAD fee schedule	See ANRAD fee schedule		
Request to Amend an OOC (RAOC)	\$100		
Resource Area Alterations (for NOI & RAOC)			
Buffer Zone, 50'-100' from resource area boundary	\$0.05 / square foot		
Buffer Zone, 25'-50' from resource area boundary	\$0.10 / square foot		
Buffer Zone, 0'-25' from resource area boundary	\$0.25 / square foot		
Bordering Vegetated Wetlands & Salt Marsh	\$0.35 / square foot		
Bank	\$5 / linear foot		
Land Under Water & Waterways	\$0.35 / square foot		
Bordering Land Subject to Flooding & CLSSF**	\$0.05 / square foot		
***Riverfront Area only	\$0.05 / square foot		
Isolated Vegetated Wetlands	\$0.35 / square foot		
Land within Groundwater Protection Area Zone I	\$0.25 / square foot		
Land within Groundwater Protection Area Zone II	\$0.05 / square foot		
Other Local-only Jurisdictional Resource Areas	\$0.05 / square foot		
Extension Permit	\$100		
Certificate of Compliance	Projects under one acre in size: \$100 - over an acre in size \$250		\$250
For filings resulting from enforcement action, double the Local Bylaw Fee Total			
LOCAL BYLAW FEE TOTAL			\$250
As Determined by the Commission, Fee Total not to exceed \$15,000 except Enforcement			

NOTES:

*Local Bylaw Fee maximum of \$100, if, when determined necessary by Commission, applicant agrees to ANRAD review by outside consultant under M.G.L. Ch. 44, sec. 53G

**Coastal Land Subject to Storm Flowage

***Local Bylaw Fees for RDA, NOI, & RAOC increase 50% when project is also proposed within a Riverfront Area

Local Bylaw Fees passed by a Unanimous vote of the Commission on 10/1/2019, effective 10/2/2019

Briar Barn Inn, LLC

101 Main Street
Rowley, MA 01969



Newburyport Bank

JOURNEY WELL
53-7150/2113



8/28/2023

PAY TO THE ORDER OF Town of Rowley

\$ **250.00

Two Hundred Fifty and 00/100*****

DOLLARS

Town of Rowley
Dept 1750
P.O Box 4110
Woburn, MA 01888-4110

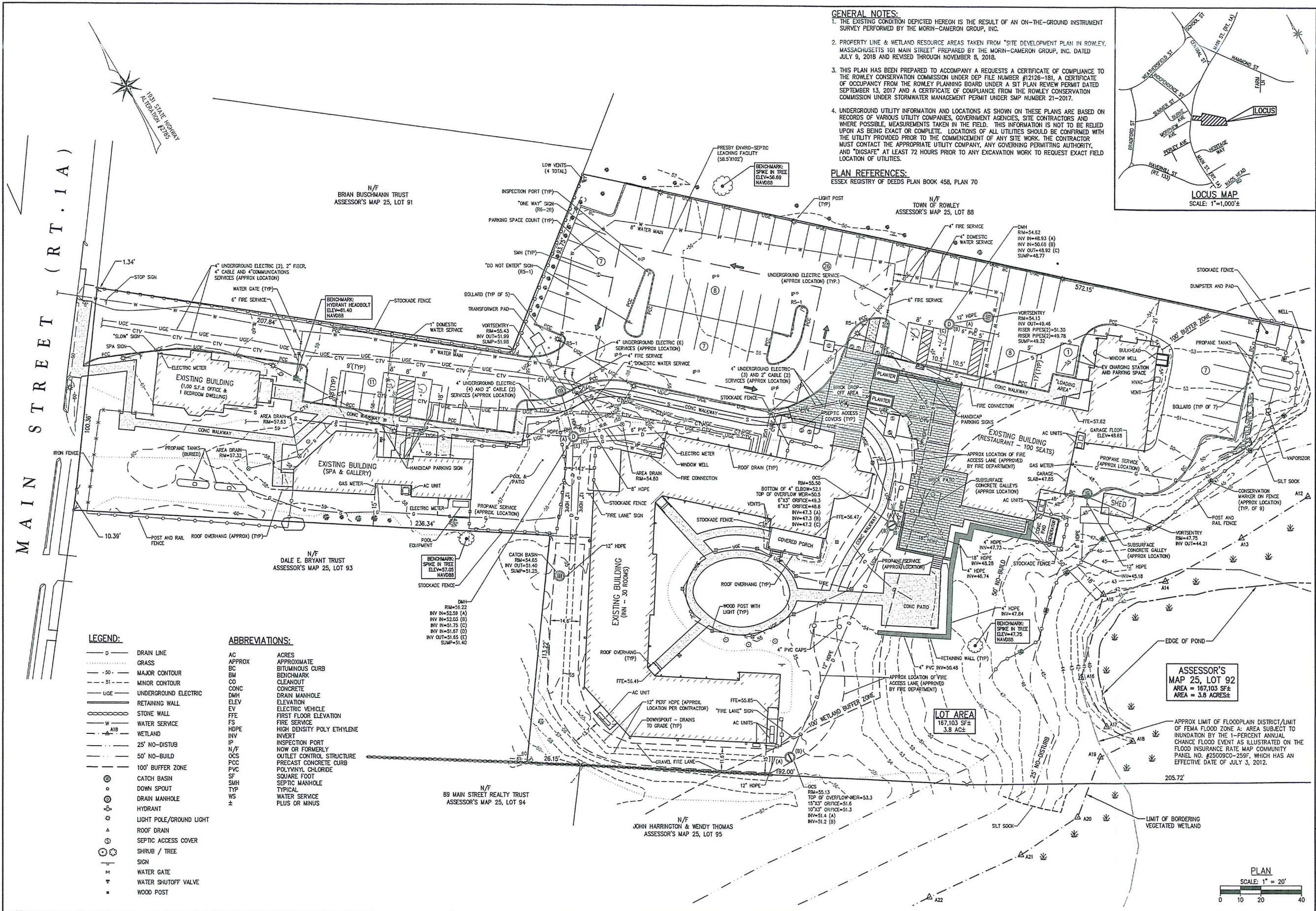
MEMO Order of Conditions Permit

Heather Duberg

AUTHORIZED SIGNATURE

Security features. Details on back.

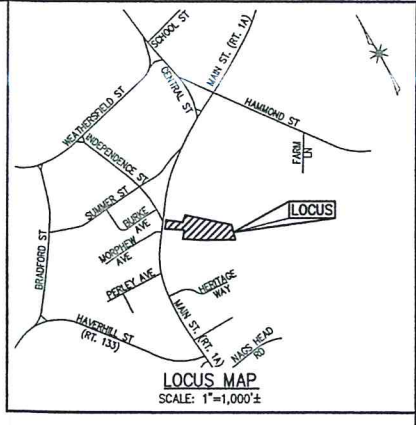




GENERAL NOTES:

- THE EXISTING CONDITION DEPICTED HEREON IS THE RESULT OF AN ON-THE-GROUND INSTRUMENT SURVEY PERFORMED BY THE MORIN-CAMERON GROUP, INC.
- PROPERTY LINE & WETLAND RESOURCE AREAS TAKEN FROM "SITE DEVELOPMENT PLAN IN ROWLEY, MASSACHUSETTS 101 MAIN STREET" PREPARED BY THE MORIN-CAMERON GROUP, INC. DATED JULY 9, 2018 AND REVISED THROUGH NOVEMBER 8, 2018.
- THIS PLAN HAS BEEN PREPARED TO ACCOMPANY A REQUESTS A CERTIFICATE OF COMPLIANCE TO THE ROWLEY CONSERVATION COMMISSION UNDER DEP FILE NUMBER #21298-181, A CERTIFICATE OF OCCUPANCY FROM THE ROWLEY PLANNING BOARD UNDER A SIT PLAN REVIEW PERMIT DATED SEPTEMBER 13, 2017 AND A CERTIFICATE OF COMPLIANCE FROM THE ROWLEY CONSERVATION COMMISSION UNDER STORMWATER MANAGEMENT PERMIT UNDER SMP NUMBER 21-2017.
- UNDERGROUND UTILITY INFORMATION AND LOCATIONS AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF VARIOUS UTILITY COMPANIES, GOVERNMENT AGENCIES, SITE CONTRACTORS AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. LOCATIONS OF ALL UTILITIES SHOULD BE CONFIRMED WITH THE UTILITY PROVIDED PRIOR TO THE COMMENCEMENT OF ANY SITE WORK. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DISSAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES.

PLAN REFERENCES:
ESSEX REGISTRY OF DEEDS PLAN BOOK 458, PLAN 70



The Morin-Cameron GROUP, INC.
CIVIL ENGINEERS | ENVIRONMENTAL CONSULTANTS
101 MAIN STREET, ROWLEY, MASSACHUSETTS 01969
P. 978-777-8586, W. WWW.MORIN-CAMERON.COM



SURVEY BY: PM/SR
DRAFTED BY: DLP
CHECKED BY: WAS
APPROVED BY: DAP
SCALE: AS NOTED
DATE: JULY 27, 2023

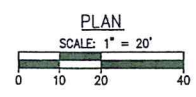
NO.	REVISIONS	DATE	DESCRIPTION

AS-BUILT PLAN OF LAND
IN
ROWLEY, MASSACHUSETTS
101 MAIN STREET
(ASSESSOR'S MAP 25, LOT 92)
PREPARED FOR:
FIREHOUSE INN, LLC

- LEGEND:**
- D- DRAIN LINE
 - 50- GRASS
 - 50- MAJOR CONTOUR
 - 51- MINOR CONTOUR
 - UGE- UNDERGROUND ELECTRIC
 - R- RETAINING WALL
 - S- STONE WALL
 - W- WATER SERVICE
 - A18- WETLAND
 - 25' NO-DISTUB
 - 50' NO-BUILD
 - 100' BUFFER ZONE
 - ⊙ CATCH BASIN
 - ⊙ DOWN SPOUT
 - ⊙ DRAIN MANHOLE
 - ⊙ HYDRANT
 - ⊙ LIGHT POLE/GROUND LIGHT
 - ⊙ SEPTIC ACCESS COVER
 - ⊙ SHRUB / TREE
 - ⊙ SIGN
 - ⊙ WATER GATE
 - ⊙ WATER SHUTOFF VALVE
 - ⊙ WOOD POST
- ABBREVIATIONS:**
- AC APPROX ACRES
 - BC BITUMINOUS CURB
 - BM BENCHMARK
 - CO CLEANOUT
 - CONC CONCRETE
 - DMH DRAIN MANHOLE
 - ELEV ELEVATION
 - EV ELECTRIC VEHICLE
 - FFE FIRST FLOOR ELEVATION
 - FS FIRE SERVICE
 - HDPE HIGH DENSITY POLY ETHYLENE
 - INV INVERT
 - IP INSPECTION PORT
 - N/F NOW OR FORMERLY
 - OCS OUTLET CONTROL STRUCTURE
 - PCC PRECAST CONCRETE CURB
 - PVC POLYVINYL CHLORIDE
 - SF SQUARE FOOT
 - SMH SEPTIC MANHOLE
 - TYP TYPICAL
 - WS WATER SERVICE
 - ± PLUS OR MINUS

ASSESSOR'S MAP 25, LOT 92
AREA = 167,103 SF±
AREA = 3.8 ACRES±

LOT AREA
167,103 SF±
3.8 ACRES±



AB
DRAWING NO. 1 OF 1
PROJ. #3503

September 12, 2023

150 Newburyport Turnpike
Suite C-9
Rowley, MA
01969

978.948.7717 Office

derosaenvironmental.com

BY HAND DELIVERY AND ELECTRONIC MAIL

Mr. Brent Baeslack, Conservation Agent
Town of Rowley Conservation Commission
Town Hall Annex Room #4
39 Central Street
P.O. Box 24
Rowley, MA 01969
conservation@townofrowley.org

**RE: Final Monitoring Report:
101 Main Street | Rowley, MA 01969**

**DEP File Number: 63-0659
Book: 36134/Page: 459**

Dear Mr. Baeslack & Members of the Commission,

Our office has prepared the following Final Plant Monitoring Report to meet the requirements of the Order of Conditions Special Conditions Number 30 (MassDEP File #63-0659). We were authorized to prepare this filing at the request of Firehouse Inn, LLC, owner of the property known as Assessor's Map 25, Lot 92, located at 101 Main Street in the Town of Rowley, Massachusetts.

Summarized below is the final plant monitoring report and attached Photo Appendix (Appendix A).

Final Plant Monitoring Report

The objective of this plant monitoring report is to provide a summary and photographic evidence of the health and establishment of the restoration area in accordance with the approved plans (Appendix B).

Project Background

In November of 2017, invasive species including Japanese Knotweed (*Reynoutria japonica*) and glossy buckthorn (*Frangula alnus*) were removed from the restoration area using whole plant removal methodology. The invasive species were removed through use of a mini excavator and by hand. After the removal of the invasive species, all exposed soils were augmented as needed with 1-part loam, 1-part sand, and 1-part compost and then seeded and hay mulched for stability throughout the winter.

Throughout the growing season of 2018, the restoration area was prepared for plantings by hand-pulling any sprouting invasive plant material. In October of 2018, native plants were placed and installed throughout the restoration area, in accordance with the approved plan (Appendix B).

Invasive Species Removal

The existing invasive species were removed using whole plant removal techniques in the fall of 2018. The dominant invasive species on site included Japanese knotweed, Asiatic bittersweet, and glossy buckthorn. Continued removal of new invasive sprouts was conducted on a routine basis, including throughout the summer of 2023. Since 2018, the invasive species populations have been significantly reduced and are now outcompeted by native plant species.

Native Plant Growth & Vigor

A final field inspection was conducted on September 11, 2023, by Keeley McCall-Tunell, Ecological Horticulturalist, at DeRosa Environmental. At that time, the Site was very healthy, and the native plant species have thoroughly established across the site and are outcompeting invasive plants. Native plant species planted on the Site include, red maples (*Acer rubrum*), white oak (*Quercus alba*), winterberry (*Ilex verticillata*), red osier dogwood (*Cornus sericea*), American elderberry (*Sambucus canadensis*), and witch hazel (*Hamamelis virginiana*). The Site currently meets the OOC requirement of at least 75% native species establishment. All soil is stabilized, and invasive species are currently outcompeted by native species.

Wildlife Habitat

The resurgence of native plant communities on the site provides substantially improved wildlife habitat compared to the pre-existing invasive species which occupied the Site. The reestablished native shrub and herbaceous communities provided improved food, cover, nesting, and overwintering sites for wildlife.

Concluding Remarks

In conclusion, it is our firm's professional opinion that plantings have been installed in substantial agreement with the approved plan, that these plantings are establishing well, and that these plantings are providing the intended function of the restoration area.

We are available to meet with you on site to review the project and to answer any questions if you desire. Should you have any questions or would like to arrange a site walk, please call any time at (978) 948-7717.

Should you have any questions, please call any time at (978) 948-7717.

Respectfully submitted,

DeRosa Environmental Consulting, Inc.



Keeley McCall-Tunell
Ecological Horticulturalist
MJD/kmt



Michael J. DeRosa, Principal
Professional Wetland Scientist



Cc: Gerald Fandetti (by email)
John Morin (by email)

Appendix A

Photo Appendix

Photo 1: November, 2017

Invasive species were removed from the restoration area using whole plant removal techniques in November of 2017 to prepare for native plant installation.



Photo 2: November, 2017

Exposed soils were seeded and hay mulched for stabilization over the winter.



Photo 3: May, 2018

Throughout the 2018 growing season, the restoration area was monitored and any invasive species seedlings that appeared were removed by hand. The seed germinated and created a dense groundcover. Any areas where the seed did not germinate was re-seeded and hay mulched.



Photo 4: October, 2018

Plantings were laid out and installed according to the approved plan in October of 2018.



Photo 5: October, 2018

Smaller plant material was installed by hand. Larger trees were installed with the help of a mini excavator. Any disturbed soils were seeded and hay-mulched.



Photo 6: August, 2019

The herbaceous layer continued to establish, creating a dense ground cover. The canopy and shrub layers are also doing well.



Photo 7: September, 2019

Photo taken of a healthy winterberry shrub one year after planting. The shrub is healthy with an abundance of red berries.



Photo 8: September, 2019

Photo of the restoration area showing a dense and established ground cover, as well as trees after one growing season.



Photo 9: October, 2020

Japanese knotweed saplings continue to be removed by hand on a regular basis as part of the ongoing management plan. The invasive population has been drastically reduced since initial removal.



Photo 10: October, 2020

Native canopy trees planted in the restoration area are all fully established and show upright growth. They no longer rely on stakes and ties for support.

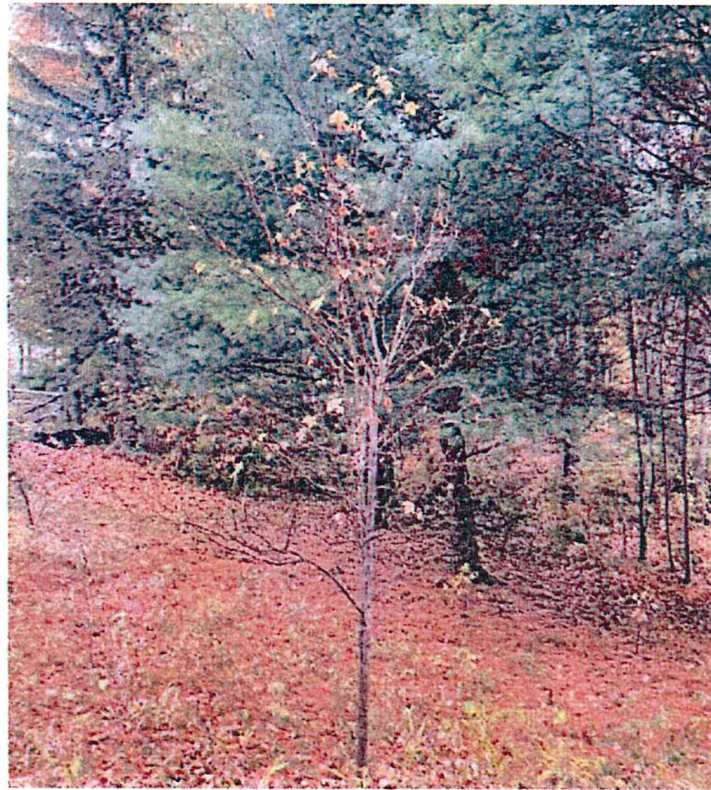


Photo 11: October, 2020

Overview of the restoration area. Native plantings are all fully established and invasive species populations have been greatly reduced.



Photo 12: June, 2023

Photo of conservation markers installed on site, in compliance with the Order of Conditions.



Photo 13: June, 2023

Native herbaceous species are thoroughly established across the site. Native cinnamon fern, sensitive fern, and goldenrod are visible in this photo and are thriving throughout the mitigation area.



Photo 14: June, 2023

Photo of cinnamon fern. Cinnamon fern has continued to spread and propagate throughout the site since the invasive species were removed.



Photo 15: June, 2023

Photo of one of the white oaks planted as part of the mitigation plan. The oak has grown significantly since it was planted in 2018, is producing adequate leaves, and appears to be healthy.



Photo 16: June, 2023

Photo of one of the red maples planted as part of the mitigation plan. The maples all appear to be healthy with adequate foliage.



Photo 17: June, 2023

Elderberry shrubs were planted in 2018 and are well established on the site. The flowers of elderberries, pictured here, provide pollination opportunities for pollinators. The complex structure of elderberry shrubs provides important habitat for many animal species



Photo 18: June, 2023

Photo of witch hazel, fully established on the site. The shrubs planted as part of the mitigation area are healthy and continue to provide improved habitat opportunities for native fauna.



Photo 19: July, 2023

Native herbaceous species, such as Canadian goldenrod, dominate the ground cover and are outcompeting invasive species. The trees (planted in 2018), are well established and have full foliage.



Photo 20: July, 2023

A variety of native shrubs, such as witch hazel, were planted throughout the restoration area to replace the invasive glossy buckthorn. The native shrubs are healthy, and continue to out-compete the invasive species.



Photo 21:
September, 2023

This area was previously dominated by invasive species. Native shrubs and herbaceous plants are now thoroughly established throughout the restoration area.



Photo 22:
September, 2023

All previously exposed soil is thoroughly stabilized with native herbaceous plants. The leaf litter visible in this photo will improve soil health as nutrients are added to the soil as the duff decomposes.



Photo 23:
September, 2023

This area, previously dominated by buckthorn and Asiatic bittersweet, now supports a diverse array of native plant species. Regular invasive species removal and management practices have allowed the desired native species to establish throughout the site, thus improving overall habitat function.





- Notes:
1. Base Plan by the Morin-Cameron Group, Sheet C-3, dated, July 13, 2017, Project No. 3503. Planting notes added by DeRosa.
 2. Specific locations of individual plants are approximate and subject to change based on site-specific conditions at the time of planting. Plants that are not located on the plan are to be located by a restoration specialist.
 3. Plant symbols do not necessarily represent individual plants. These symbols may represent massings of 3 to 5 individual plants.
 4. Soil may be augmented as needed with 1 part loam, 1 part organic compost, and 1 part sand.
 5. All plant installation is to be completed by hand, except for larger specimen trees, which may require use of a mini-excavator or backhoe.
 6. Exposed upland soils will be seeded with a drought-tolerant, native grass seed mix, then hay-mulched with salt marsh hay.
 7. If necessary, irrigation will be provided by property owner as needed during the first two (2) growing seasons or until plants are established.
 8. Monthly site visits will be conducted during the first two growing seasons to assess the condition of the wetland and upland restoration areas and ensure plant establishment. Additional seeding and hay mulch will be provided as needed for areas that do not initially become established.
 9. Aftercare and maintenance will be conducted for two growing seasons until restoration plantings are established.
 10. Spring and fall monitoring reports will be submitted to the Commission by June 30th and October 31st of each reporting year.

No.	Common Name	Scientific Name	Indicator	Size	Quantity
1	Tupelo	<i>Nyssa sylvatica</i>	FACW	1 1/2	4
2	Red Maple	<i>Acer rubrum</i>	FAC	1 1/2	6
3	Swamp White Oak	<i>Quercus bicolor</i>	FACW	1 1/2	3
4	Winterberry	<i>Ilex verticillata</i>	FACW	3 gal	12
5	High-bush Blueberry	<i>Vaccinium corymbosum</i>	FACW	3 gal	12
6	Elderberry	<i>Sambucus canadensis</i>	FACW	3 gal	12
7	Red Osier Dogwood	<i>Cornus sericea</i>	FACW	3 gal	15
8	Witch Hazel	<i>Hamamelis virginiana</i>	FACU	3 gal	25
9	Tussock Sedge	<i>Carex stricta</i>	OBL	1 gal	50
	Soft Rush	<i>Juncus effusus</i>	FACW	1 gal	50
	Wool Grass	<i>Scirpus cyperinus</i>	FACW	1 gal	50
	Turtlehead	<i>Chelone glabra</i>	OBL	1 gal	25
	Cardinal Flower	<i>Lobelia cardinalis</i>	FACW	1 gal	25

NO.	REVISIONS	DATE	DESCRIPTION
1	FOR TOWN DEPARTMENT AND CONSULTANT REVIEW COMMENTS	7/13/17	

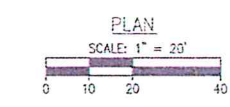
SURVEY BY: P/M/S/R
 DRAFTED BY: WAS
 CHECKED BY: JAM
 APPROVED BY: JAM
 SCALE: AS NOTED
 DATE: APRIL 11, 2017

SITE DEVELOPMENT PLANS
IN
ROWLEY, MASSACHUSETTS
101 MAIN STREET
(ASSESSOR'S MAP 25, LOT 92)
PREPARED FOR:
FIREHOUSE INN, LLC

RESTORATION AND MITIGATION PLAN
DRAWING NO. **C-3**



Michael J. DeFina
P.E. No. 2250
August 9, 2017



Appendix C

Professional Qualifications

Keeley McCall-Tunell

Michael DeRosa



REPRESENTATIVE PROJECTS

Private Residence | Restoration Project
Ipswich, MA

Keeley McCall-Tunell, MPS

Ecological Horticulturalist

Keeley is a graduate of the University of Minnesota, where she earned a master's in horticulture with a focus on ecological restoration. Her coursework focused on plant propagation, restoration, soils, and sustainable horticulture and management practices.

Keeley initially joined DeRosa Environmental Consulting in 2018, working as a horticulture specialist. During this time, Keeley assisted with field projects and invasive species monitoring and management. Keeley also assisted the DeRosa team with planting and after care for plants. After a two-year departure, during which Keeley worked at The Trust for Public Land, an environmental nonprofit focused on land protection and promoting greenspace access, Keeley rejoined the DeRosa team in 2021. Her work is guided by her love for the outdoors and passion for conservation.

Keeley also has experience working with the horticulture department at the Como Park Conservatory, the largest public garden in Minnesota. At Como, Keeley worked in the green houses and the outdoor gardens. She has experience working in formal gardens, informal gardens, and water gardens.

Keeley grew up on the shores of Lake Superior, where she developed a love for the outdoors and wildlife, and above all, the water. In her hometown, Lake Superior is a central component to recreation and community life. Keeley enjoys hiking, camping, kayaking, skiing, and whenever possible, sailing.

EDUCATION

MPS, Horticulture | 2022
University of Minnesota, Saint Paul, MN

BA, Social Work | 2017
Bethel University, St. Paul, Minnesota

PROFESSIONAL EXPERIENCE

Ecological Horticulturalist | 2022- present
DeRosa Environmental Consulting Inc

Environmental Specialist | 2021-2022
DeRosa Environmental Consulting Inc

Philanthropy Associate | 2019-2021
The Trust for Public Land

Horticultural Scientist | 2018
DeRosa Environmental Consulting Inc

Horticulture Intern | Summer 2018
Como Park Conservatory



Michael J. DeRosa

Principal, LSP, LEED AP BC&D

Michael J. DeRosa, Principal and project manager specializing in habitat restoration and wetland restoration projects. He has more than 24 years experience working with ecological systems focused on restoration and rehabilitation of damaged landscapes. Ecological principles inform his design and restoration practices.

Mike was the principal wetland permitting leader for the Turner Hill Resort Center in Ipswich Massachusetts. He has consulted with the Archdiocese of Boston since 1989 in all environmental areas. His firm is known for their expertise in wetland and wildlife habitat restoration and rehabilitation and invasive species control and management.

Mike incorporated DeRosa Environmental Consulting, Inc., in May 1994 after spending 8 years working in the environmental consulting industry as technical director and project manager. Prior to his consulting career he was a researcher at the Harvard School of Tropical Public Health working with infectious diseases and tick transmitted Lyme disease, in particular.

Mike has been involved with many projects associated with MGL Ch. 21e and Massachusetts Contingency Plan (MCP) projects. He received his Licensed Site Professional (LSP Lic. 3452) registration in 1993. Mike is uniquely credentialed in hazardous waste site assessment and remediation and has over 24 years experience in wetland permitting, habitat restoration and mitigation. Mike has permitted projects with all federal, state and local environmental agencies. Mike is on the Practice Faculty at The Boston Architectural College. His new passion is the incorporation of urban agriculture and food justice initiatives in mixed use community based projects.

EDUCATION

MA, Boston University, 1993

North Carolina State University, 1986

Harvard University, 1985

BA, University of Denver, 1982

REPRESENTATIVE PROJECTS

Ipswich River Watershed Association
Ipswich MA

Miles River Task Force |
Watershed Restoration
Beverly Wenham Hamilton Ipswich MA

Paumier Residence |
Dune Restoration
Manchester MA

Matignon High School Athletic Fields |
Landfill Cap Remediation
Cambridge/Somerville MA

Turner Hill Golf Course |
Wetland Mitigation & Pond Design
Ipswich MA

Saint Aidan's Church |
UST Remediation
Brookline MA

Saint Kevin's School |
AST Remediation
Dorchester MA

Saint Joseph's School |
UST Remediation
Salem MA

Ipswich Country Club |
Wetland Restoration
Ipswich MA

Ould Newbury Golf Club |
LID Runoff Design
Newbury MA

Ferncroft Country Club |
Pond Restoration
Topsfield/Middleton MA

PROFESSIONAL EXPERIENCE

Principal, LSP, LEED AP BC&D

DeRosa Environmental Consulting, Inc. | 1994-Present

Technical director, Environmental Engineering Division

Web Engineering Associates, Inc. | 1990-1994

Project manager/Environmental Scientist,

Dennison Environmental, Inc. | 1988-1989

Population Ecologist & Wetlands Specialist,

Lelito Environmental Consultants, LLC | 1987-1988

Research Assistant,

North Caroline State University | 1985-1987

Air Pollution Analyst

Entropy Environmentalists, Inc. | 1985-1987

Senior Research Assistant

Harvard University | 1983-1985

Naturalist

The Trustees of Reservations | 1983-1985

PROFESSIONAL MEMBERSHIPS/AFFILIATIONS

New England Wildflower Society

USGBC | United States Green Building Council

NGWA | National Ground Water Association

AMWS | Association of Massachusetts Wetland Scientists

LSPA | Licensed Site Professional Association

SWS | Society of Wetland Scientists

MACC | Massachusetts Association of Conversation Commissioners

CERTIFICATIONS AND SPECIAL TRAINING

Licensed Site Professional (LSP), Lic. No. 3452

Professional Wetland Scientist (PWS)

LEED Accredited Professional | 10342989

Certified Ecologist, The Ecological Society of America |

June 2002 – May 2007

CERCLA 40 Hour Hazardous Materials Safety Training |

OSHA 29 CFR 1910.120

Confined Space Entry Training | OSHA 29 CFR 1910.146

Management Training Workshop | Dun and Bradstreet

Hazardous Materials Chemistry Seminar | University of Toledo

Unmanned Aircraft License | FAA | Exp. 2/28/2019