



FRANKLIN PLANNING & COMMUNITY DEVELOPMENT

355 EAST CENTRAL STREET, ROOM 120
FRANKLIN, MA 02038-1352
TELEPHONE: 508-520-4907
FAX: 508-520-4906

February 17, 2015

Franklin Conservation Commission
355 East Central Street
Franklin MA 02038

Re: Notice of Intent, Demolition of Building II at Former Nu-Style Property

The Town of Franklin (applicant) has plans to demolish a former industrial building at 87 Grove Street adjacent to Mine Brook. The Order of Conditions resulting from the subject NOI will be included with a request for quotes scheduled to be distributed in March/April 2015. If funding is available the work will take place in Spring/Summer 2015.

This Notice of Intent was developed by the Town's Planning and Engineering Departments after consultation with the Conservation Agent.

The NOI only covers demolition of the building, removal of asphalt pavement driveway just to the west and south of the building, and related site grading and stabilization work. Further development of the site will require additional filings. Please note the Town of Franklin is exempt from local and State filing fees.

Please contact me at btaberner@franklin.ma.us or 508-520-4907 if you have questions or require additional information.

Sincerely,

Bryan W. Taberner, AICP
Director of Planning and Community Development

Cc: Jeffrey D. Nutting, Franklin Town Administrator
Michael Maglio, Town Engineer

RESOURCE AREA IMPACT SUMMARY

The Franklin Wetlands Protection By-Law
Franklin Town Code Section 181

Demolition of Building II at Former Nu-Style Property

Resource Area	Alteration Proposed	Mitigation Proposed
Bordering Vegetated Wetland (SF)	0	
Bank (LF)	0	
Land Under Water Bodies (SF)	0	
Isolated Wetland (SF)	0	
Vernal Pool (SF)	0	
Buffer Zone (SF)	4,700 (see Note 1)	
Riverfront (SF)	4,700 (see Note 1)	
100 YR Floodplain (CF)	500 (see Note 2)	
(SF) = Square Feet (LF) = Linear Feet (CF) = Cubic Feet Flood Storage		

Notes:

- 1.) The whole Project Site is within the 100 ft buffer zone, however the project will result in much less impervious coverage at the site, increases in groundwater infiltration, and fewer negative impacts to Mine Brook's water quality.
- 2.) Alterations to the site from the Proposed Project will increase the flood storage capacity of bordering land subject to flooding.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Provided by MassDEP:

WPA Form 3 – Notice of Intent

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

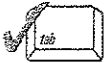
MassDEP File Number

Document Transaction Number

Franklin

City/Town

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



Note:
Before
completing this
form consult
your local
Conservation
Commission
regarding any
municipal bylaw
or ordinance.

A. General Information

1. Project Location (Note: electronic filers will click on button to locate project site):

87 Grove Street, Building II

a. Street Address

Franklin

b. City/Town

02038

c. Zip Code

Latitude and Longitude:

276

f. Assessors Map/Plat Number

42.087122 N

d. Latitude

71.428178 W

e. Longitude

022-000

g. Parcel /Lot Number

2. Applicant:

Jeffrey

a. First Name

Nutting

b. Last Name

Town of Franklin

c. Organization

355 East Central Street

d. Street Address

Franklin

e. City/Town

MA

f. State

02038

g. Zip Code

508-520-4949

h. Phone Number

508-520-4903

i. Fax Number

jnutting@franklin.ma.us

j. Email Address

3. Property owner (required if different from applicant): ☐ Check if more than one owner

a. First Name

b. Last Name

c. Organization

Town of Franklin

d. Street Address

e. City/Town

f. State

g. Zip Code

h. Phone Number

i. Fax Number

j. Email address

4. Representative (if any):

a. First Name

b. Last Name

c. Company

d. Street Address

e. City/Town

f. State

g. Zip Code

h. Phone Number

i. Fax Number

j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

\$0

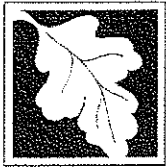
a. Total Fee Paid

\$0

b. State Fee Paid

\$0

c. City/Town Fee Paid



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Franklin

City/Town

A. General Information (continued)

6. General Project Description:

The project consists of demolition of a former industrial facility that abuts Mine Brook, and filling and grading the site. The project is directly adjacent to another building demolition project that was considered by Franklin Conservation Commission in July 2011.

7a. Project Type Checklist: (Limited Project Types see Section A. 7b.)

- | | |
|---|---|
| 1. <input type="checkbox"/> Single Family Home | 2. <input type="checkbox"/> Residential Subdivision |
| 3. <input type="checkbox"/> Commercial/Industrial | 4. <input type="checkbox"/> Dock/Pier |
| 5. <input type="checkbox"/> Utilities | 6. <input type="checkbox"/> Coastal engineering Structure |
| 7. <input type="checkbox"/> Agriculture (e.g., cranberries, forestry) | 8. <input type="checkbox"/> Transportation |
| 9. <input checked="" type="checkbox"/> Other Demolition | |

7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological Restoration Limited Project) subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. ☐ Yes ☒ No If yes, describe which limited project applies to this project. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)

2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR 10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

8. Property recorded at the Registry of Deeds for:

Norfolk

a. County

16839

c. Book

b. Certificate # (if registered land)

477

d. Page Number

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

1. ☐ Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
2. ☒ Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Franklin

City/Town

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input checked="" type="checkbox"/> Bank	0 1. linear feet	2. linear feet
b. <input checked="" type="checkbox"/> Bordering Vegetated Wetland	0 1. square feet	2. square feet
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	1. square feet 3. cubic yards dredged	2. square feet

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input checked="" type="checkbox"/> Bordering Land Subject to Flooding	500 1. square feet 0 See Note 1 below. 3. cubic feet of flood storage lost	2. square feet 4. cubic feet replaced
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet 2. cubic feet of flood storage lost	3. cubic feet replaced
f. <input checked="" type="checkbox"/> Riverfront Area	Mine Brook 1. Name of Waterway (if available)	

2. Width of Riverfront Area (check one):

- ☐ 25 ft. - Designated Densely Developed Areas only
☐ 100 ft. - New agricultural projects only
☒ 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project:

9,930+/-
square feet

4. Proposed alteration of the Riverfront Area: See Note 2 below.

4,700	4,700	0
a. total square feet	b. square feet within 100 ft.	c. square feet between 100 ft. and 200 ft.

5. Has an alternatives analysis been done and is it attached to this NOI? ☒ Yes ☐ No

6. Was the lot where the activity is proposed created prior to August 1, 1996? ☒ Yes ☐ No

3. ☐ Coastal Resource Areas: (See 310 CMR 10.25-10.35)

Notes:

- 1.) The proposed alterations to Bordering Land Subject to Flooding includes demolition of a building. There will be no negative impact on flood storage.
- 2.) The proposed alterations in the Riverfront Area will decrease impacts to Mine Brook. There will be no increase in stormwater runoff.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Franklin

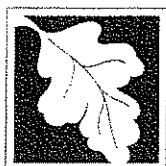
City/Town

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users:
Include your
document
transaction
number
(provided on your
receipt page)
with all
supplementary
information you
submit to the
Department.

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	1. square feet _____ 2. cubic yards dredged _____	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	1. square feet _____	2. cubic yards beach nourishment _____
e. <input type="checkbox"/> Coastal Dunes	1. square feet _____	2. cubic yards dune nourishment _____
	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	1. linear feet _____	
g. <input type="checkbox"/> Rocky Intertidal Shores	1. square feet _____	
h. <input type="checkbox"/> Salt Marshes	1. square feet _____	2. sq ft restoration, rehab., creation _____
i. <input type="checkbox"/> Land Under Salt Ponds	1. square feet _____ 2. cubic yards dredged _____	
j. <input type="checkbox"/> Land Containing Shellfish	1. square feet _____	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above 1. cubic yards dredged _____	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	1. square feet _____	
4. <input type="checkbox"/> Restoration/Enhancement	If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here. a. square feet of BVW _____ b. square feet of Salt Marsh _____	
5. <input type="checkbox"/> Project Involves Stream Crossings	a. number of new stream crossings _____ b. number of replacement stream crossings _____	



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Franklin

City/Town

C. Other Applicable Standards and Requirements

- ☐ This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Notice of Intent – Required Actions (310 CMR 10.11).

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/priority_habitat/online_viewer.htm.

a. ☐ Yes ☒ No

If yes, include proof of mailing or hand delivery of NOI to:

Natural Heritage and Endangered Species Program
Division of Fisheries and Wildlife
1 Rabbit Hill Road
Westborough, MA 01581

2008

b. Date of map

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.C, and include requested materials with this Notice of Intent (NOI); OR complete Section C.1.d, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

1c. Submit Supplemental Information for Endangered Species Review*

1. ☐ Percentage/acreage of property to be altered:

(a) within wetland Resource Area

percentage/acreage

(b) outside Resource Area

percentage/acreage

2. ☐ Assessor's Map or right-of-way plan of site

2. ☐ Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **

- (a) ☐ Project description (including description of impacts outside of wetland resource area & buffer zone)
- (b) ☐ Photographs representative of the site

* Some projects not in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <http://www.mass.gov/dfwele/dfw/nhesp/nhesp.htm>, regulatory review tab). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

** MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Franklin

City/Town

C. Other Applicable Standards and Requirements (cont'd)

- (c) ☐ MESA filing fee (fee information available at http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/ mesa/ mesa_fee_schedule.htm).
Make check payable to "Commonwealth of Massachusetts - NHESP" and **mail to NHESP** at above address

Projects altering 10 or more acres of land, also submit:

- (d) ☐ Vegetation cover type map of site
- (e) ☐ Project plans showing Priority & Estimated Habitat boundaries
- (f) OR Check One of the Following
1. ☐ Project is exempt from MESA review.
Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/ mesa/ mesa_exemptions.htm; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)
2. ☐ Separate MESA review ongoing. a. NHESP Tracking # b. Date submitted to NHESP
3. ☐ Separate MESA review completed.
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.
3. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?
- a. ☐ Not applicable – project is in inland resource area only
- b. ☐ Yes ☐ No If yes, include proof of mailing or hand delivery of NOI to either:

South Shore - Cohasset to Rhode Island, and the Cape & Islands:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
1213 Purchase Street – 3rd Floor
New Bedford, MA 02740-6694

North Shore - Hull to New Hampshire:

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Franklin

City/Town

C. Other Applicable Standards and Requirements (cont'd)

Online Users:
Include your
document
transaction
number
(provided on your
receipt page)
with all
supplementary
information you
submit to the
Department.

4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
a. ☐ Yes ☒ No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.
b. ACEC
5. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?
a. ☐ Yes ☒ No
6. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?
a. ☐ Yes ☒ No
7. Is this project subject to provisions of the MassDEP Stormwater Management Standards?
a. ☐ Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
1. ☐ Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
2. ☐ A portion of the site constitutes redevelopment
3. ☐ Proprietary BMPs are included in the Stormwater Management System.
b. ☒ No. Check why the project is exempt: **Demolition (see Narrative)**
1. ☐ Single-family house
2. ☐ Emergency road repair
3. ☐ Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

- ☐ This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

1. ☒ USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
2. ☒ Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Franklin

City/Town

D. Additional Information (cont'd)

3. ☐ Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.

4. ☒ List the titles and dates for all plans and other materials submitted with this NOI.

Wetlands Protection Plan, Notice of Intent to Demolish Building #2 Former Nu-Style Facility

a. Plan Title

Town of Franklin Engineering

b. Prepared By

2/17/15

d. Final Revision Date

c. Signed and Stamped by

1" = 20'

e. Scale

f. Additional Plan or Document Title

g. Date

5. ☐ If there is more than one property owner, please attach a list of these property owners not listed on this form.
6. ☐ Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.
7. ☐ Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.
8. ☐ Attach NOI Wetland Fee Transmittal Form
9. ☒ Attach Stormwater Report, if needed.

E. Fees

1. ☒ Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

2. Municipal Check Number

3. Check date

4. State Check Number

5. Check date

6. Payor name on check: First Name

7. Payor name on check: Last Name



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Franklin

City/Town

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

1. Signature of Applicant

2/17/15

2. Date

3. Signature of Property Owner (if different)

4. Date

5. Signature of Representative (if any)

6. Date

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands Program

Checklist for Stormwater Report

A. Introduction

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



A Stormwater Report must be submitted with the Notice of Intent permit application to document compliance with the Stormwater Management Standards. The following checklist is NOT a substitute for the Stormwater Report (which should provide more substantive and detailed information) but is offered here as a tool to help the applicant organize their Stormwater Management documentation for their Report and for the reviewer to assess this information in a consistent format. As noted in the Checklist, the Stormwater Report must contain the engineering computations and supporting information set forth in Volume 3 of the Massachusetts Stormwater Handbook. The Stormwater Report must be prepared and certified by a Registered Professional Engineer (RPE) licensed in the Commonwealth.

The Stormwater Report must include:

- The Stormwater Checklist completed and stamped by a Registered Professional Engineer (see page 2) that certifies that the Stormwater Report contains all required submittals.¹ This Checklist is to be used as the cover for the completed Stormwater Report.
- Applicant/Project Name
- Project Address
- Name of Firm and Registered Professional Engineer that prepared the Report
- Long-Term Pollution Prevention Plan required by Standards 4-6
- Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan required by Standard 8²
- Operation and Maintenance Plan required by Standard 9

In addition to all plans and supporting information, the Stormwater Report must include a brief narrative describing stormwater management practices, including environmentally sensitive site design and LID techniques, along with a diagram depicting runoff through the proposed BMP treatment train. Plans are required to show existing and proposed conditions, identify all wetland resource areas, NRCS soil types, critical areas, Land Uses with Higher Potential Pollutant Loads (LUHPPL), and any areas on the site where infiltration rate is greater than 2.4 inches per hour. The Plans shall identify the drainage areas for both existing and proposed conditions at a scale that enables verification of supporting calculations.

As noted in the Checklist, the Stormwater Management Report shall document compliance with each of the Stormwater Management Standards as provided in the Massachusetts Stormwater Handbook. The soils evaluation and calculations shall be done using the methodologies set forth in Volume 3 of the Massachusetts Stormwater Handbook.

To ensure that the Stormwater Report is complete, applicants are required to fill in the Stormwater Report Checklist by checking the box to indicate that the specified information has been included in the Stormwater Report. If any of the information specified in the checklist has not been submitted, the applicant must provide an explanation. The completed Stormwater Report Checklist and Certification must be submitted with the Stormwater Report.

¹ The Stormwater Report may also include the Illicit Discharge Compliance Statement required by Standard 10. If not included in the Stormwater Report, the Illicit Discharge Compliance Statement must be submitted prior to the discharge of stormwater runoff to the post-construction best management practices.

² For some complex projects, it may not be possible to include the Construction Period Erosion and Sedimentation Control Plan in the Stormwater Report. In that event, the issuing authority has the discretion to issue an Order of Conditions that approves the project and includes a condition requiring the proponent to submit the Construction Period Erosion and Sedimentation Control Plan before commencing any land disturbance activity on the site.



Checklist for Stormwater Report

B. Stormwater Checklist and Certification

The following checklist is intended to serve as a guide for applicants as to the elements that ordinarily need to be addressed in a complete Stormwater Report. The checklist is also intended to provide conservation commissions and other reviewing authorities with a summary of the components necessary for a comprehensive Stormwater Report that addresses the ten Stormwater Standards.

Note: Because stormwater requirements vary from project to project, it is possible that a complete Stormwater Report may not include information on some of the subjects specified in the Checklist. If it is determined that a specific item does not apply to the project under review, please note that the item is not applicable (N.A.) and provide the reasons for that determination.

A complete checklist must include the Certification set forth below signed by the Registered Professional Engineer who prepared the Stormwater Report.

Registered Professional Engineer's Certification

I have reviewed the Stormwater Report, including the soil evaluation, computations, Long-term Pollution Prevention Plan, the Construction Period Erosion and Sedimentation Control Plan (if included), the Long-term Post-Construction Operation and Maintenance Plan, the Illicit Discharge Compliance Statement (if included) and the plans showing the stormwater management system, and have determined that they have been prepared in accordance with the requirements of the Stormwater Management Standards as further elaborated by the Massachusetts Stormwater Handbook. I have also determined that the information presented in the Stormwater Checklist is accurate and that the information presented in the Stormwater Report accurately reflects conditions at the site as of the date of this permit application.

Registered Professional Engineer Block and Signature

Signature and Date

Checklist

Project Type: Is the application for new development, redevelopment, or a mix of new and redevelopment?

☐ New development

☒ Redevelopment

☐ Mix of New Development and Redevelopment

Demolition of former manufacturing building and
removal of pavement.



Checklist for Stormwater Report

Checklist (continued)

LID Measures: Stormwater Standards require LID measures to be considered. Document what environmentally sensitive design and LID Techniques were considered during the planning and design of the project:

- ☒ No disturbance to any Wetland Resource Areas No negative impacts.
- ☐ Site Design Practices (e.g. clustered development, reduced frontage setbacks)
- ☒ Reduced Impervious Area (Redevelopment Only) Demolition and removal of pavement.
- ☒ Minimizing disturbance to existing trees and shrubs No tree removal is anticipated.
- ☐ LID Site Design Credit Requested:
 - ☐ Credit 1
 - ☐ Credit 2
 - ☐ Credit 3
- ☐ Use of "country drainage" versus curb and gutter conveyance and pipe
- ☐ Bioretention Cells (includes Rain Gardens)
- ☐ Constructed Stormwater Wetlands (includes Gravel Wetlands designs)
- ☐ Treebox Filter
- ☐ Water Quality Swale
- ☐ Grass Channel
- ☐ Green Roof
- ☒ Other (describe): Once building is demolished and pavement removed the property will be graded and sloped areas will be covered with erosion control seed blankets.

Standard 1: No New Untreated Discharges

- ☒ No new untreated discharges
- ☐ Outlets have been designed so there is no erosion or scour to wetlands and waters of the Commonwealth
- ☐ Supporting calculations specified in Volume 3 of the Massachusetts Stormwater Handbook included.



Checklist for Stormwater Report

Checklist (continued)

Standard 2: Peak Rate Attenuation

- ☐ Standard 2 waiver requested because the project is located in land subject to coastal storm flowage and stormwater discharge is to a wetland subject to coastal flooding.
- ☐ Evaluation provided to determine whether off-site flooding increases during the 100-year 24-hour storm.
- ☐ Calculations provided to show that post-development peak discharge rates do not exceed pre-development rates for the 2-year and 10-year 24-hour storms. If evaluation shows that off-site flooding increases during the 100-year 24-hour storm, calculations are also provided to show that post-development peak discharge rates do not exceed pre-development rates for the 100-year 24-hour storm.

Standard 3: Recharge

- ☐ Soil Analysis provided.
- ☐ Required Recharge Volume calculation provided.
- ☐ Required Recharge volume reduced through use of the LID site Design Credits.
- ☐ Sizing the infiltration, BMPs is based on the following method: Check the method used.
 - ☐ Static
 - ☐ Simple Dynamic
 - ☐ Dynamic Field¹
- ☐ Runoff from all impervious areas at the site discharging to the infiltration BMP.
- ☐ Runoff from all impervious areas at the site is *not* discharging to the infiltration BMP and calculations are provided showing that the drainage area contributing runoff to the infiltration BMPs is sufficient to generate the required recharge volume.
- ☐ Recharge BMPs have been sized to infiltrate the Required Recharge Volume.
- ☐ Recharge BMPs have been sized to infiltrate the Required Recharge Volume *only* to the maximum extent practicable for the following reason:
 - ☐ Site is comprised solely of C and D soils and/or bedrock at the land surface
 - ☐ M.G.L. c. 21E sites pursuant to 310 CMR 40.0000
 - ☐ Solid Waste Landfill pursuant to 310 CMR 19.000
 - ☐ Project is otherwise subject to Stormwater Management Standards only to the maximum extent practicable.
- ☐ Calculations showing that the infiltration BMPs will drain in 72 hours are provided.
- ☐ Property includes a M.G.L. c. 21E site or a solid waste landfill and a mounding analysis is included.

¹ 80% TSS removal is required prior to discharge to infiltration BMP if Dynamic Field method is used.



Checklist for Stormwater Report

Checklist (continued)

Standard 3: Recharge (continued)

- ☐ The infiltration BMP is used to attenuate peak flows during storms greater than or equal to the 10-year 24-hour storm and separation to seasonal high groundwater is less than 4 feet and a mounding analysis is provided.
- ☒ Documentation is provided showing that infiltration BMPs do not adversely impact nearby wetland resource areas.

Note: Once the proposed project is complete the site will not contain impervious surfaces.

Standard 4: Water Quality

The Long-Term Pollution Prevention Plan typically includes the following:

- Good housekeeping practices;
 - Provisions for storing materials and waste products inside or under cover;
 - Vehicle washing controls;
 - Requirements for routine inspections and maintenance of stormwater BMPs;
 - Spill prevention and response plans;
 - Provisions for maintenance of lawns, gardens, and other landscaped areas;
 - Requirements for storage and use of fertilizers, herbicides, and pesticides;
 - Pet waste management provisions;
 - Provisions for operation and management of septic systems;
 - Provisions for solid waste management;
 - Snow disposal and plowing plans relative to Wetland Resource Areas;
 - Winter Road Salt and/or Sand Use and Storage restrictions;
 - Street sweeping schedules;
 - Provisions for prevention of illicit discharges to the stormwater management system;
 - Documentation that Stormwater BMPs are designed to provide for shutdown and containment in the event of a spill or discharges to or near critical areas or from LUHPPL;
 - Training for staff or personnel involved with implementing Long-Term Pollution Prevention Plan;
 - List of Emergency contacts for implementing Long-Term Pollution Prevention Plan.
- ☐ A Long-Term Pollution Prevention Plan is attached to Stormwater Report and is included as an attachment to the Wetlands Notice of Intent.
 - ☐ Treatment BMPs subject to the 44% TSS removal pretreatment requirement and the one inch rule for calculating the water quality volume are included, and discharge:
 - ☐ is within the Zone II or Interim Wellhead Protection Area
 - ☐ is near or to other critical areas
 - ☐ is within soils with a rapid infiltration rate (greater than 2.4 inches per hour)
 - ☐ involves runoff from land uses with higher potential pollutant loads.
 - ☐ The Required Water Quality Volume is reduced through use of the LID site Design Credits.
 - ☐ Calculations documenting that the treatment train meets the 80% TSS removal requirement and, if applicable, the 44% TSS removal pretreatment requirement, are provided.



Checklist for Stormwater Report

Checklist (continued)

Standard 4: Water Quality (continued)

- ☐ The BMP is sized (and calculations provided) based on:
 - ☐ The $\frac{1}{2}$ " or 1" Water Quality Volume or
 - ☐ The equivalent flow rate associated with the Water Quality Volume and documentation is provided showing that the BMP treats the required water quality volume.
- ☐ The applicant proposes to use proprietary BMPs, and documentation supporting use of proprietary BMP and proposed TSS removal rate is provided. This documentation may be in the form of the propriety BMP checklist found in Volume 2, Chapter 4 of the Massachusetts Stormwater Handbook and submitting copies of the TARP Report, STEP Report, and/or other third party studies verifying performance of the proprietary BMPs.
- ☐ A TMDL exists that indicates a need to reduce pollutants other than TSS and documentation showing that the BMPs selected are consistent with the TMDL is provided.

Standard 5: Land Uses With Higher Potential Pollutant Loads (LUHPPLs)

- ☐ The NPDES Multi-Sector General Permit covers the land use and the Stormwater Pollution Prevention Plan (SWPPP) has been included with the Stormwater Report.
- ☐ The NPDES Multi-Sector General Permit covers the land use and the SWPPP will be submitted *prior* to the discharge of stormwater to the post-construction stormwater BMPs.
- ☐ The NPDES Multi-Sector General Permit does *not* cover the land use.
- ☐ LUHPPLs are located at the site and industry specific source control and pollution prevention measures have been proposed to reduce or eliminate the exposure of LUHPPLs to rain, snow, snow melt and runoff, and been included in the long term Pollution Prevention Plan.
- ☐ All exposure has been eliminated.
- ☐ All exposure has *not* been eliminated and all BMPs selected are on MassDEP LUHPPL list.
- ☐ The LUHPPL has the potential to generate runoff with moderate to higher concentrations of oil and grease (e.g. all parking lots with >1000 vehicle trips per day) and the treatment train includes an oil grit separator, a filtering bioretention area, a sand filter or equivalent.

Standard 6: Critical Areas

- ☐ The discharge is near or to a critical area and the treatment train includes only BMPs that MassDEP has approved for stormwater discharges to or near that particular class of critical area.
- ☐ Critical areas and BMPs are identified in the Stormwater Report.



Checklist for Stormwater Report

Checklist (continued)

Standard 7: Redevelopments and Other Projects Subject to the Standards only to the maximum extent practicable

- ☒ The project is subject to the Stormwater Management Standards only to the maximum Extent Practicable as a:
- ☐ Limited Project
 - ☐ Small Residential Projects: 5-9 single family houses or 5-9 units in a multi-family development provided there is no discharge that may potentially affect a critical area.
 - ☐ Small Residential Projects: 2-4 single family houses or 2-4 units in a multi-family development with a discharge to a critical area
 - ☐ Marina and/or boatyard provided the hull painting, service and maintenance areas are protected from exposure to rain, snow, snow melt and runoff
 - ☐ Bike Path and/or Foot Path
 - ☒ Redevelopment Project Note: Demolition of building and pavement removal. Existing site conditions will improve. There will be no increase in stormwater runoff.
 - ☐ Redevelopment portion of mix of new and redevelopment.
- ☐ Certain standards are not fully met (Standard No. 1, 8, 9, and 10 must always be fully met) and an explanation of why these standards are not met is contained in the Stormwater Report.
- ☐ The project involves redevelopment and a description of all measures that have been taken to improve existing conditions is provided in the Stormwater Report. The redevelopment checklist found in Volume 2 Chapter 3 of the Massachusetts Stormwater Handbook may be used to document that the proposed stormwater management system (a) complies with Standards 2, 3 and the pretreatment and structural BMP requirements of Standards 4-6 to the maximum extent practicable and (b) improves existing conditions.

Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Control

A Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan must include the following information:

- Narrative;
 - Construction Period Operation and Maintenance Plan;
 - Names of Persons or Entity Responsible for Plan Compliance;
 - Construction Period Pollution Prevention Measures;
 - Erosion and Sedimentation Control Plan Drawings;
 - Detail drawings and specifications for erosion control BMPs, including sizing calculations;
 - Vegetation Planning;
 - Site Development Plan;
 - Construction Sequencing Plan;
 - Sequencing of Erosion and Sedimentation Controls;
 - Operation and Maintenance of Erosion and Sedimentation Controls;
 - Inspection Schedule;
 - Maintenance Schedule;
 - Inspection and Maintenance Log Form.
- ☐ A Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan containing the information set forth above has been included in the Stormwater Report.



Checklist for Stormwater Report

Checklist (continued)

Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Control (continued)

- ☐ The project is highly complex and information is included in the Stormwater Report that explains why it is not possible to submit the Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan with the application. A Construction Period Pollution Prevention and Erosion and Sedimentation Control has **not** been included in the Stormwater Report but will be submitted **before** land disturbance begins.
- ☒ The project is **not** covered by a NPDES Construction General Permit.
- ☐ The project is covered by a NPDES Construction General Permit and a copy of the SWPPP is in the Stormwater Report.
- ☐ The project is covered by a NPDES Construction General Permit but no SWPPP been submitted. The SWPPP will be submitted **BEFORE** land disturbance begins.

Standard 9: Operation and Maintenance Plan

- ☐ The Post Construction Operation and Maintenance Plan is included in the Stormwater Report and includes the following information:
 - ☐ Name of the stormwater management system owners;
 - ☐ Party responsible for operation and maintenance;
 - ☐ Schedule for implementation of routine and non-routine maintenance tasks;
 - ☐ Plan showing the location of all stormwater BMPs maintenance access areas;
 - ☐ Description and delineation of public safety features;
 - ☐ Estimated operation and maintenance budget; and
 - ☐ Operation and Maintenance Log Form.
- ☐ The responsible party is **not** the owner of the parcel where the BMP is located and the Stormwater Report includes the following submissions:
 - ☐ A copy of the legal instrument (deed, homeowner's association, utility trust or other legal entity) that establishes the terms of and legal responsibility for the operation and maintenance of the project site stormwater BMPs;
 - ☐ A plan and easement deed that allows site access for the legal entity to operate and maintain BMP functions.

Standard 10: Prohibition of Illicit Discharges

- ☐ The Long-Term Pollution Prevention Plan includes measures to prevent illicit discharges;
- ☐ An Illicit Discharge Compliance Statement is attached;
- ☐ NO Illicit Discharge Compliance Statement is attached but will be submitted **prior to** the discharge of any stormwater to post-construction BMPs.

Notice of Intent

Demolition of Building II

Former Nu-Style Property

87 Grove Street, Franklin, MA

Vernal Pool Statement

There are no Vernal Pools or Potential Vernal Pools on or near the site based upon the 2008 Natural Heritage maps (see attached).

Project Narrative

Introduction and Site History. The Town of Franklin has plans to demolish a dilapidated former manufacturing facility adjacent to Mine Brook at 87 Grove Street. The property (parcel 276-022-000), which is located in the rear portion (west end) of 87 Grove Street, is a 0.228+/- acre parcel located in a mixed industrial, commercial and residential area. The former manufacturing facility was utilized throughout its history for a variety of industrial uses, including textile and paint manufacture, vehicle repair, and most recently jewelry manufacturing. The last documented industrial usage of the site occurred in 1989, with the closure of the Nu-Style jewelry manufacturing company.

The property is part of a larger "Former Nu-Style Facility" site, which included several buildings in the Grove Street area. Two parcels and related industrial facilities, Lot 22 (the subject property) and Lot 27 (directly adjacent to the east), were acquired by the Town of Franklin via tax-title foreclosure. In 2005 both buildings were formally condemned by the local Building Commissioner. Since 2006 the Town has worked with consultants and the EPA to remove underground storage tanks, assess and remediate contaminated soil and groundwater, demolish the dilapidated buildings, and prepare the parcels for reuse/redevelopment. Nu-Style Building I, which was located east of the Project Site on the adjacent Lot 27, was demolished in May 2012.

Site Conditions. The former manufacturing facility proposed for demolition, currently known as Nu-Style Building II, was originally constructed circa 1945 and expanded with a series of additions in the 1950s and 1960s.

The building consists of two distinct older and newer constructed sections. The older front area and the garage portion of the newer additions have collapsed. The newest portion of the building is starting to show substantial deterioration.

Building II shares a common cement block wall with a privately owned building on Lot 28; the building on Lot 28 is occupied and will not be demolished.

On the east edge of the property is a gravel road right-of-way (former roadway). Between Building I and Mine Brook (south and west of building) is an asphalt paved driveway and very limited vegetation.

At one time a mill race ran under Building I and Building II and emptied into Mine Brook west of the buildings. There are remnants of the mill race within and directly to the east of Building II.

Site Access. The Project Site (Lot 22) can be accessed through a right of way from Grove Street through Lot 27. The structural integrity of an old bridge adjacent to the Project Site that spans Mine Brook has not been assessed; therefore the bridge will not be used to access the site with trucks and other heavy equipment.

Resource Area Impacts. Demolition of the building and removal of asphalt paving will have positive impacts on the Site's and adjacent property's natural resources. All impervious coverage will be removed and pervious materials will be installed. This will provide additional areas for bordering wetland vegetation to thrive, and remove obstacles (building foundation) that could impact the flow of flood waters in future storms. The property's increased pervious surface will allow the majority of stormwater to infiltrate instead of flowing directly into Mine Brook.

Scope of Work. The Town's demolition consultant (FLI Environmental) has developed a Demolition and Segregation Plan (January 2015), which will provide a Town-procured demolition contractor and the Town with guidance during the Proposed Project. The Proposed Project consists of the following:

- The contractor will install erosion controls and wetland protection measures according to Project Plans.
- The contractor will mark and secure the limits of work. Securing the site will consist of, at a minimum, the erection of six-foot chain link fences with asbestos barrier tape around all accessible portions of the site
- The contractor will secure a DigSafe permit number prior to the commencement of any excavation work performed at the site.
- Prior to any demolition work, abatement of floor tile and window glazing in the newer rear portion of the building area will be completed.
- The contractor will demolish and live load the front building and garage area to be disposed as asbestos contaminated waste. Demolition will be completed under wet conditions to minimize any emissions from the area.
- Water runoff shall be controlled to ensure the capture and containment of any asbestos contaminated water. All captured water will be processed through a five (5) micron filter. All filters will be disposed of as asbestos waste.
- Upon completion of asbestos containing material (ACM) demolition, the Project Monitor shall perform a visual inspection. If any visible ACM is present on the ground surface, the Contractor will excavate the ACM and an additional six inches of soil around the ACM. The soil shall be disposed of as asbestos contaminated material.
- Once all ACM has been removed from the site the Demolition Contractor will demolish and live load the remainder of the structure.
- All materials will be segregated and containerized for salvage, reuse, or removal and off-site disposal at a licensed receiving facility.
- Asphalt pavement south and west of the building will be removed and disposed of.
- Clean brick, concrete and masonry will be crushed on site and may be utilized as backfill. The site will be covered with appropriate soil and erosion control blankets (or seed mats) will be installed. Additional seed mix (native grasses/perennials) will be applied along the site's edges to assist with the site's stabilization.
- During the Project the site will be cleaned of debris at the end of each working day.

No permanent construction will take place at the site as part of the Proposed Project. This NOI only covers demolition of the building, removal of asphalt pavement driveway just to the west and south of the building, and related site grading and stabilization work. Further development of the site will require additional filings.

Function and Characteristics

1. **Public Water Supplies** - The closest town well is over 4,000 feet away from the site. The Public water supply will not be affected by the removal of this building.
2. **Private Water Supplies** - One of the houses on the other side of Mine Brook has a private well. The distance from the back edge of the property to the closest edge of the property with the private well is over 100 feet. Additionally, due to the inferred hydraulic divide created by Mine Brook, the water supply is not inferred to be significantly influenced by conditions related to the site or the building.
3. **Groundwater** - Soil borings and monitoring wells were completed at the site during previous environmental assessment activities. The depth to groundwater is generally similar to the depth of bedrock, which is approximately 10 feet below on-site grade in this area. Groundwater is not expected to be negatively impacted by the Proposed Project.
4. **Flood Control** - Demolition of the building and adjacent asphalt paving will result in reduced impervious coverage, which will allow more stormwater to penetrate the ground, reducing the risk of flooding at the site. Removal of the building from the riverfront is expected to increase the property's flood storage capabilities.
5. **Erosion and Sedimentation** - Erosion and sedimentation will be controlled during demolition activities and until soil is permanently stabilized with vegetation.
6. **Storm Damage Prevention** - The site has been abandoned for several years. Stormwater has caused the building to deteriorate over this time. The removal of this building and the installation of a permeable backfill material is anticipated to reduce storm-related impacts at the site. Demolition debris piles will be covered at the end of each working day to prevent windblown dust or waterborne transport of the materials.
7. **Water Quality** - Runoff from the site presently includes water which has passed through portions of the building via its damaged roof, and therefore has been in contact with the internal components of the building. Removal of these building components, which include hazardous materials, asbestos, and lead painted surfaces, will mitigate water quality conditions related to the site. The Proposed Project will reduce risks to water quality in the vicinity of the site.
8. **Water Pollution Control** - As mentioned above the Proposed Project will mitigate water quality conditions related to the site. Runoff from the site will be cleaner than current conditions.
9. **Fisheries** - The risk of material falling into the brook will be reduced by the removal of the building. Much of the existing structure has presumed lead based paint on it and runoff from the site may be contaminated due to contact with lead. Pollutant loads associated with urban runoff will be reduced. Runoff from the site after the Proposed Project will be cleaner than current conditions.
10. **Shellfish** - Not Applicable in Franklin.
11. **Wildlife Habitat** - The site is a commercial site and does not house significant wildlife. Any wildlife will migrate to the adjacent areas where there is more vegetative cover.
12. **Rare Species Habitat** - The site is not within a designated rare species area as shown on the 2008 Natural Heritage maps.
13. **Agriculture** - There is no agriculture on site or on any abutting site.
14. **Aquaculture** - To date there are no aquaculture operations in Franklin.

- 15. Recreation** - There will be no negative impacts to recreation resources from the Proposed Project. The building as it exists today is a public safety hazard, and has been condemned by the building inspector. The removal of the building will start a process to reclaim the area and make it a viable property for development.

Mitigation Plan

There is no mitigation planned to reduce negative impacts from the Proposed Project, as there are no negative impacts expected.

The Proposed Project is actually a mitigation plan which will reduce impacts to the environment as well as reduce risks to public safety.

Erosion and Sedimentation Control Plan

Erosion and sedimentation will be controlled during and following the demolition work in the following ways:

1. Erosion will be controlled by installing a double row of compost-filled wattles a few feet from the stream bank. The second row of wattles will trap sediment that has overwhelmed the first row, preventing sediment from entering the water. Wattles will be 100% biodegradable.
 - a. During the Proposed Project wattles will be checked daily to assure they are functioning properly. Accumulated silt will be cleared regularly.
2. A floating silt curtain will be installed a short distance downstream from the Project Site, which will prevent debris from polluting water resources.
 - a. During the Proposed Project the floating silt curtain will be checked daily to assure it is functioning properly. Accumulated silt and debris will be cleared regularly. The floating silt curtain will be removed once the building is demolished, asphalt paving is removed, and all debris has been removed from the site.
3. Once the building is demolished and asphalt paving is removed, the Town will backfill the location of demolished foundation with crushed brick/concrete and sand/gravel, cover with appropriate soil, and grade the site.
4. Once the site is graded the Town will immediately install erosion control matting and or seed mats to stabilize the sloped areas.
5. The Town will seed edges of site with appropriate native grass/perennial plants. The seeding will help to establish a riparian buffer strip between Mine Brook and the gravel roadway on the east edge of the Project Site (Lot 22).

Alternatives Analysis

There are three alternatives for the building on this site; the following is a brief discussion of each alternative:

1. The first alternative is "no action." Building II was condemned due to its structural condition and potential risk to public safety. Conditions at the site continue to worsen; therefore, if no corrective action is taken, the site will continue to pose a risk to public safety. The building is located adjacent to Mine Brook and bordering wetland vegetation, and structural damage or collapse could impact these important resources. In addition, given that the building shares a common wall with a neighboring business (Lot 28), structural damage to the building could impact neighboring property owners and businesses. Therefore, the "no action" alternative is not suitable for the site.
2. A second alternative is rehabilitation of the existing building. The building was condemned by the Building Inspector nearly 10 years ago. Since that time the building has continued to degrade, and major portions of the building have collapsed. Therefore, rehabilitation of the building is not a feasible alternative for the site.
3. The third alternative is the proposed demolition of the building. As stated previously, the proposed removal of the building will increase pervious area, limit runoff from the site, remove a public safety hazard, and limit the Town's liability with regard to the neighboring property. Therefore, this alternative has been selected as the appropriate course of action for the site.

Replication Plan

Since no resource areas will be filled as part of this project, no replication plan has been submitted.

Construction Sequence and Schedule

Construction Sequence. The following will be added to the Order of Conditions and Project Plans, and included by reference in the project specifications:

1. Display DEP sign
2. Install erosion controls and wetland protection measures (compost-filled wattles and floating silt curtain over Mine Brook) according to Project Plans.
3. Provide engineer's approval of wetland protection measures.
4. Secure the site, including installation of perimeter fencing.
5. Construction of temporary truck wash on adjacent Town owner property (Lot 27)
6. Remove hazardous materials abandoned in building.
7. Remediate hazardous materials within building that can be safely removed.
8. Demolish building including foundation, and segregate waste streams for salvage or disposal.
9. Remove stockpiled demolition debris as appropriate.
10. Crush brick, concrete and masonry as appropriate for backfill.
11. Remove floating silt curtain from Mine Brook.
12. Backfill location of demolished foundation with crushed brick/concrete, sand and gravel.
13. Cover site with appropriate soil and immediately install erosion control blankets or seed mats, and seed edges of site with appropriate native grass/perennial plants.
14. Final inspection from Conservation Commission.
15. After final inspection and Commission approval, remove siltation controls.

Project Schedule. The Order of Conditions resulting from the subject NOI will be included with a request for quotes scheduled to be distributed in March/April 2015. If sufficient funding is available the work will take place in Spring/Summer 2015. Demolition of the building and stabilization of the site is estimated to occur over a 2 to 3 week period.

Drainage Report

A specific drainage report has not been prepared for this site. However, the following general conditions pertain to drainage at the site, and summarize the proposed project's impacts to on-site drainage:

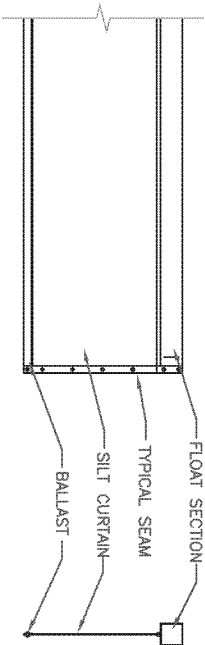
- The site consists primarily of impervious area, including the building, a packed bare gravel road right-of-way to the east of the building, and a bituminous asphalt driveway to the south and west of the building. Therefore, infiltration at the site is limited by the ground cover conditions, and the majority of the precipitation is inferred to run to the southwestern corner of the site, to a bend in Mine Brook.
- The proposed demolition project includes the removal of a formal industrial building (approximately 4,036 SF footprint) and perimeter bituminous asphalt driveway, and installation of pervious materials (crushed brick/concrete, sand and gravel fill, and soil and erosion control blankets or seed mats to stabilize the site).
- Removal of the impervious surfaces and installation of pervious material will reduce runoff from the building footprint.



- NOTES FOR COMPOST FILTER SOCK INSTALLATION:
1. 100% BIODEGRADABLE BURLAP SOCK FILLED WITH WEED & WEED-SEED FREE COMPOST.
 2. EMBED STAKES MINIMUM OF 12" DEEP ON DOWN-GRADE SIDE OF FILTER SOCK.
 3. MINIMUM 24" OVERLAP AT JOINTS.
 4. SILT SHALL BE REMOVED WHEN 1/3RD OF VERTICAL HEIGHT IS OBSTRUCTED FOR WORK AREAS NOT ACCESSIBLE BY TRUCK. USE ALTERNATIVE METHOD WHICH CAN BE CARRIED BY HAND.

EROSION CONTROL BARRIER DETAIL

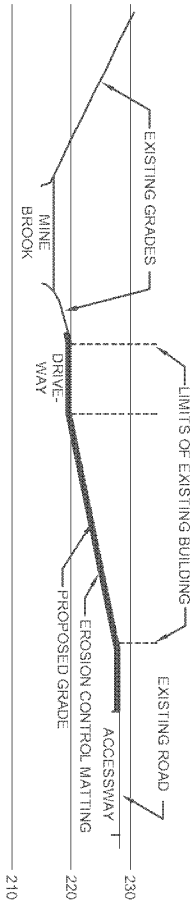
NOT TO SCALE



1. FLOATING SILT CURTAIN SHALL BE INSTALLED TO PREVENT ANY DEMOLITION DEBRIS FROM ENTERING MINE BROOK.
2. CONTRACTOR TO VERIFY CONDITIONS AND REQUIREMENTS PRIOR TO INSTALLATION.
3. FLOATING SILT CURTAIN TO BE INSTALLED AND ANCHORED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

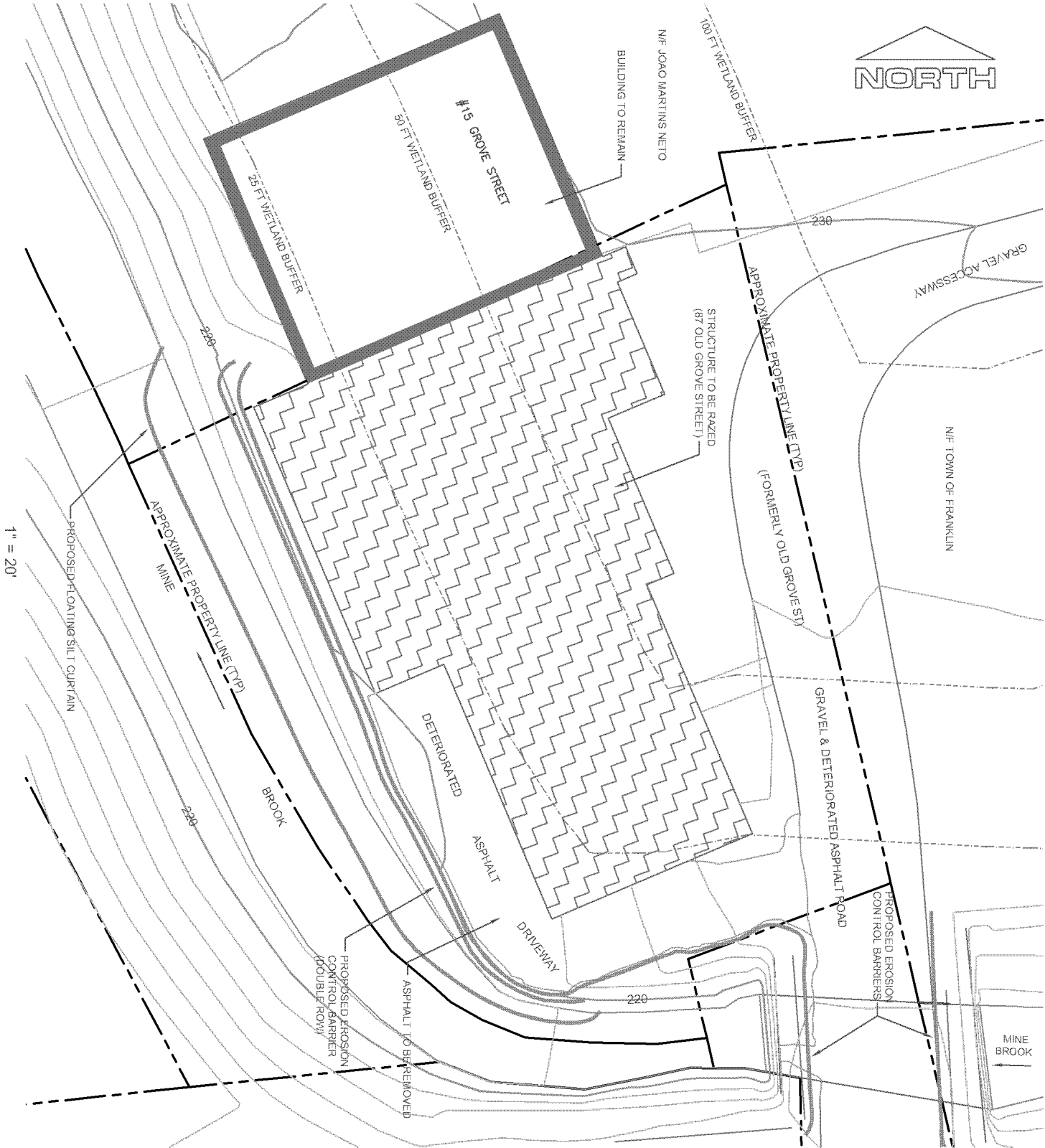
FLOATING SILT CURTAIN DETAIL

NOT TO SCALE



PROPOSED FINAL GRADING SECTION

NOT TO SCALE



CONSTRUCTION SEQUENCE

1. DISPLAY DEP SIGN.
2. INSTALL EROSION CONTROL BARRIERS AND FLOATING SILT CURTAIN IN ACCORDANCE WITH ORDER OF CONDITIONS AND PLAN.
3. PROVIDE ENGINEERS APPROVAL LETTER FOR WETLANDS PROTECTION.
4. REMOVE HAZARDOUS MATERIALS FROM BUILDING TO BE RAZED.
5. DEMOLISH BUILDING AND SEPARATE SALVAGEABLE MATERIAL AND WASTE FOR DISPOSAL.
6. REMOVE STOCKPILES AND DEBRIS AS APPROPRIATE.
7. CRUSH CONCRETE AND MASONRY AS APPROPRIATE.
8. BACKFILL AND/OR GRADE SITE WITH APPROVED FILL MATERIALS.
9. GRADE AND COVER DISTURBED AREAS WITH LOAM AND SEED AND EROSION CONTROL MATTING.
10. REQUEST FINAL INSPECTION FROM CONSERVATION COMMISSION.
11. REMOVE EROSION CONTROL BARRIERS AND FLOATING SILT CURTAIN.

NOTES

1. OLD GROVE STREET BRIDGE (SOUTH OF THE SITE) HAS NOT BEEN LOAD RATED. ACCESS SITE VIA GROVE STREET TO THE EAST.
2. THE CONTRACTOR IS RESPONSIBLE TO IDENTIFY, LOCATE AND DISCONNECT UTILITIES AND INTER-CONNECTIONS BETWEEN BUILDINGS.
3. THE STRUCTURE AND BUILDING, LABELED AS 15 GROVE ST, IS PRIVATELY OWNED AND NOT TO BE DEMOLISHED. THE CONTRACTOR IS RESPONSIBLE, AND TO EFFECT NECESSARY REPAIRS RESULTING FROM WORK ON THE NEIGHBORING BUILDING.
4. TOWN OF FRANKLIN GIS DATA, BASED ON AERIAL PHOTOGRAMMETRY, WAS UTILIZED TO ESTABLISH WETLANDS OFFSETS. FLAGGING FOR THIS PROJECT WAS NOT PERFORMED.
5. ANY CONCRETE OR MASONRY TO BE USED AS FILL SHALL BE CRUSHED TO BE NO LARGER THAN THREE INCHES.
6. ALL DISTURBED AREAS TO BE FILLED AND GRADED IN ACCORDANCE WITH PLAN.



ENGINEERING DIVISION
TOWN OF FRANKLIN
DEPARTMENT OF PUBLIC WORKS

Wetlands Protection Plan
Notice of Intent to Demolish Building #2
Former Nlu-Style Facility

PROJECT NUMBER	DATE	PROJECT NO.	SHEET
B. TABERNER	02.17.2015	—	1
DESIGNED BY	DRAWN BY	CHECKED BY	OR
MM/WG	WG	MM	1