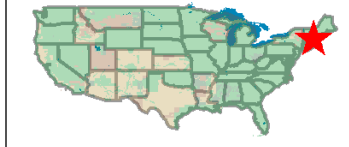
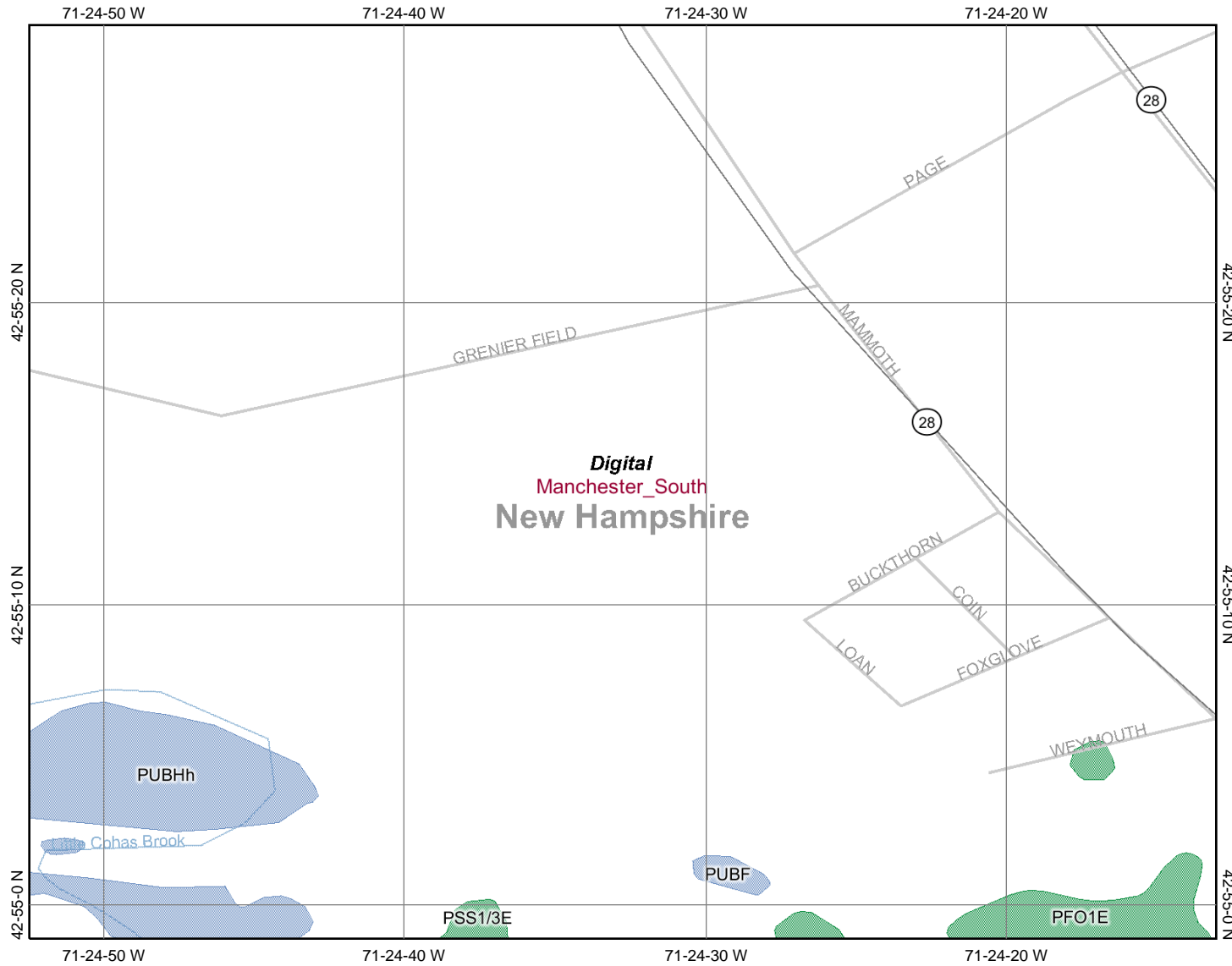


**APPENDIX L
U.S. FISH AND WILDLIFE SERVICE
WETLANDS MAPS**

USFWS Wetlands Map



Legend

- Ohio_wet_scan**
- 0
- 1
- Out of range
- Interstate**
- Major Roads**
- Other Road
- Interstate
- State highway
- US highway
- Roads
- Cities
- USGS Quad Index 24K
- Lower 48 Wetland Polygons**
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine
- Lower 48 Available Wetland Data**
- Non-Digital
- Digital
- No Data
- Scan
- NHD Streams
- Counties 100K
- States 100K
- South America
- North America

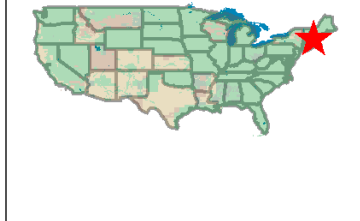
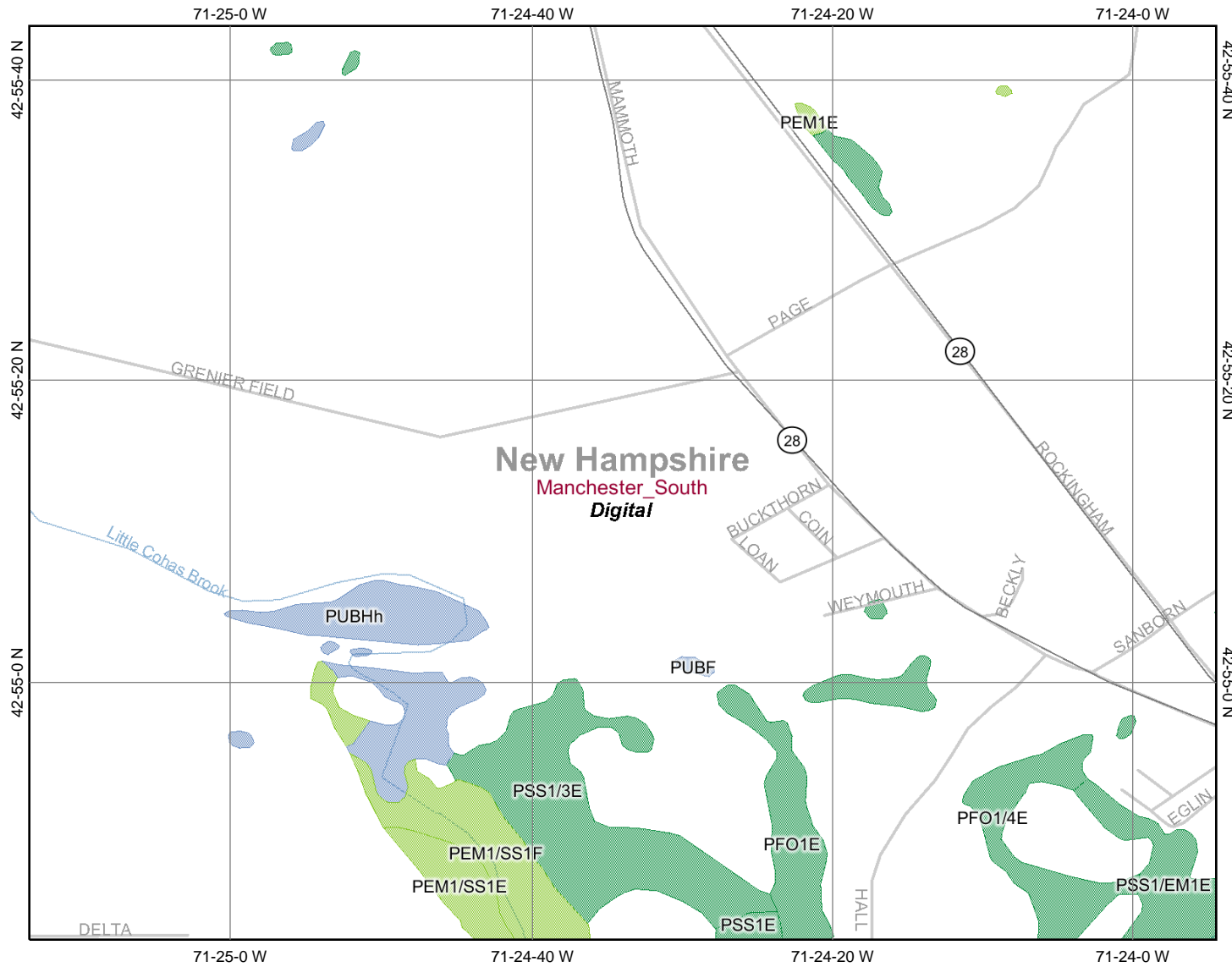


Scale: 1:6,570

Map center: 42° 55' 14.0" N, 71° 24' 32.7" W

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

USFWS Wetland Map2



Legend

- Ohio_wet_scan**
- 0
 - 1
 - Out of range
- Interstate**
- Major Roads**
- Other Road
 - Interstate
 - State highway
 - US highway
- Roads**
- Cities
- USGS Quad Index 24K**
- Lower 48 Wetland Polygons**
- Estuarine and Marine Deepwater
 - Estuarine and Marine Wetland
 - Freshwater Emergent Wetland
 - Freshwater Forested/Shrub Wetland
 - Freshwater Pond
 - Lake
 - Other
 - Riverine
- Lower 48 Available Wetland Data**
- Non-Digital
 - Digital
 - No Data
 - Scan
- NHD Streams**
- Counties 100K**
- States 100K**
- South America**
- North America**



Scale: 1:13,140

Map center: 42° 55' 13" N, 71° 24' 34" W

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

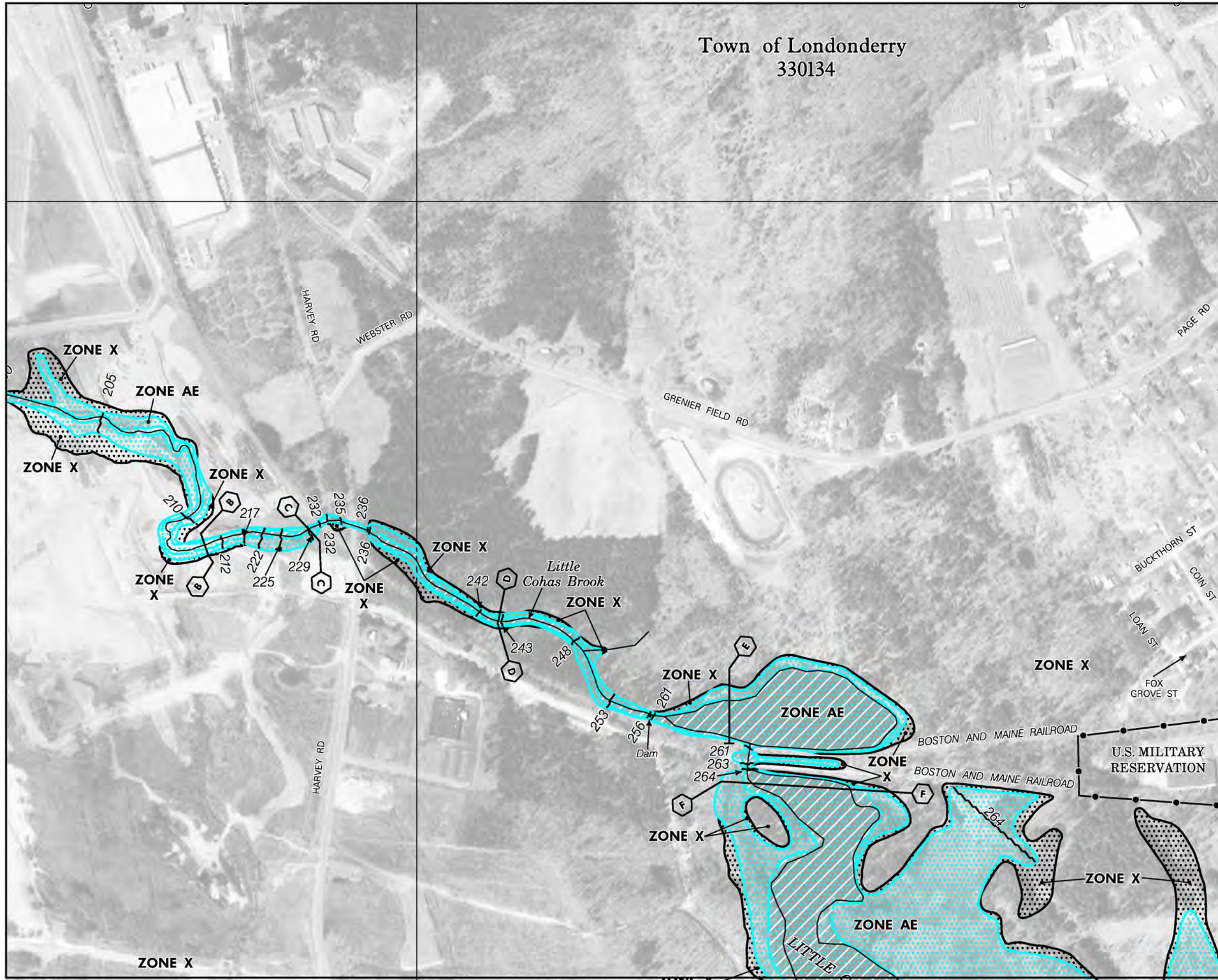
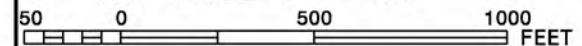
**APPENDIX M
FLOOD INSURANCE RATE MAPS**

Town of Londonderry
330134

National Flood Insurance Program at 1-800-638-6620.



MAP SCALE 1" = 500'



JOINS PANEL 0317

NFP

PANEL 0316E

FIRM
FLOOD INSURANCE RATE MAP
ROCKINGHAM COUNTY,
NEW HAMPSHIRE
(ALL JURISDICTIONS)

PANEL 316 OF 681
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

<small>COMMUNITY</small>	<small>NUMBER</small>	<small>PANEL</small>	<small>SUFFIX</small>
LONDONDERRY, TOWN OF	330134	0316	E

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
33015C0316E

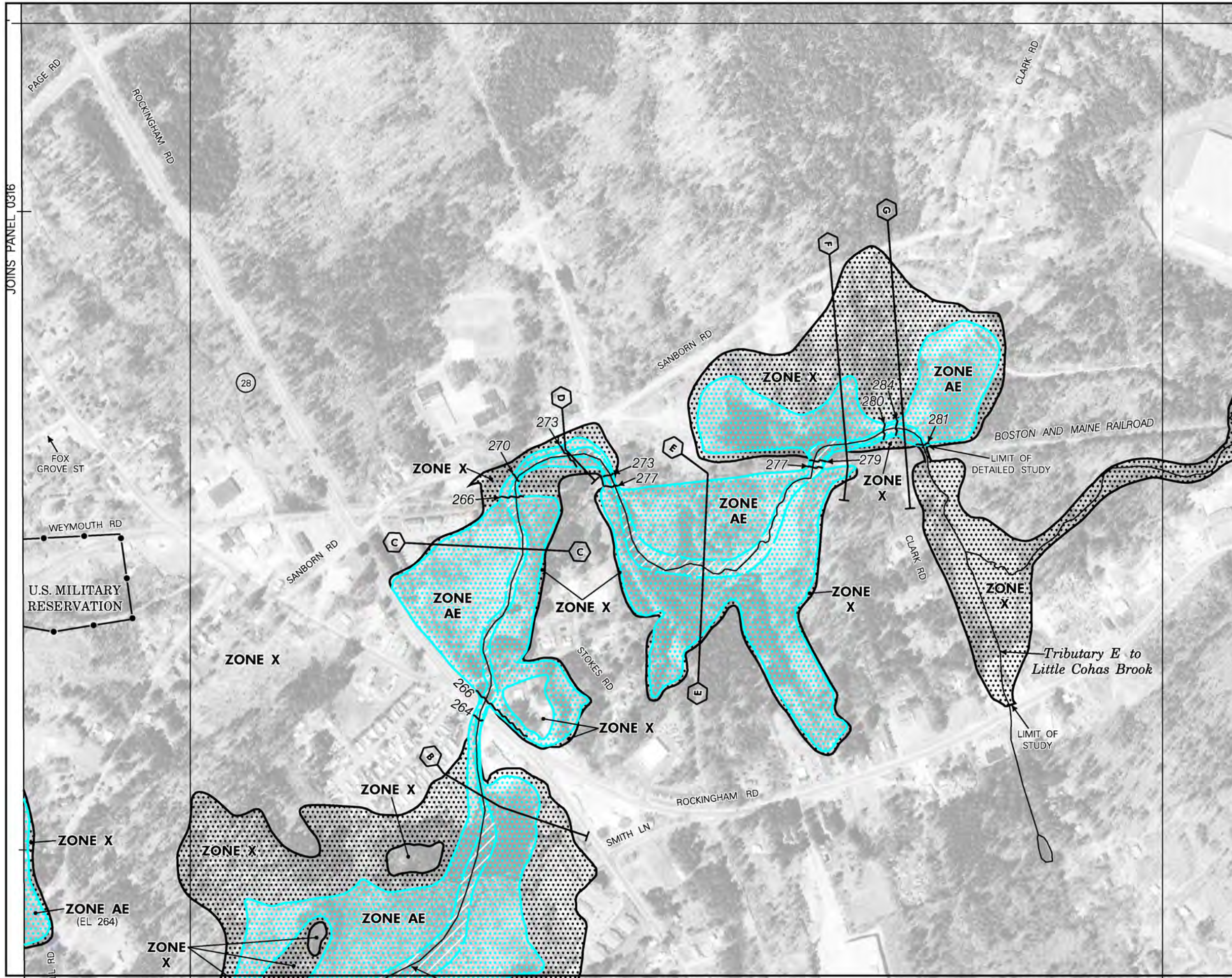
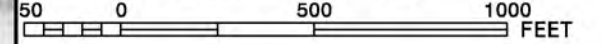
EFFECTIVE DATE
MAY 17, 2005

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



MAP SCALE 1" = 500'



NFIP PANEL 0317E

FIRM
FLOOD INSURANCE RATE MAP
 ROCKINGHAM COUNTY,
 NEW HAMPSHIRE
 (ALL JURISDICTIONS)

PANEL 317 OF 681
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)


CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
LONDONDERRY, TOWN OF	330134	0317	E

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
 33015C0317E

EFFECTIVE DATE
 MAY 17, 2005


 Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

APPENDIX N
NATURAL HERITAGE BUREAU REPORT



To: Michael Leach, Stantec Consulting Services, Inc.
5 Dartmouth Drive - Suite 101

Auburn, NH 03032

From: NH Natural Heritage Bureau

Date: 2/12/2010 (valid for one year from this date)

Re: Review by NH Natural Heritage Bureau of request submitted 2/3/2010

NHB File ID: NHB10-0348

Applicant: Michael Leach

Location: Londonderry
Tax Maps: Map 15 Lot 205

Project Categories: Buildings and Related Structures: Single commercial building lot

Your project was reviewed by staff of the NH Natural Heritage Bureau and/or the Nongame and Endangered Species Program and it was determined that, although there was a NHB record (e.g., rare wildlife, plant, and/or natural community) present in the vicinity; we do not expect that it will be impacted by the proposed project.

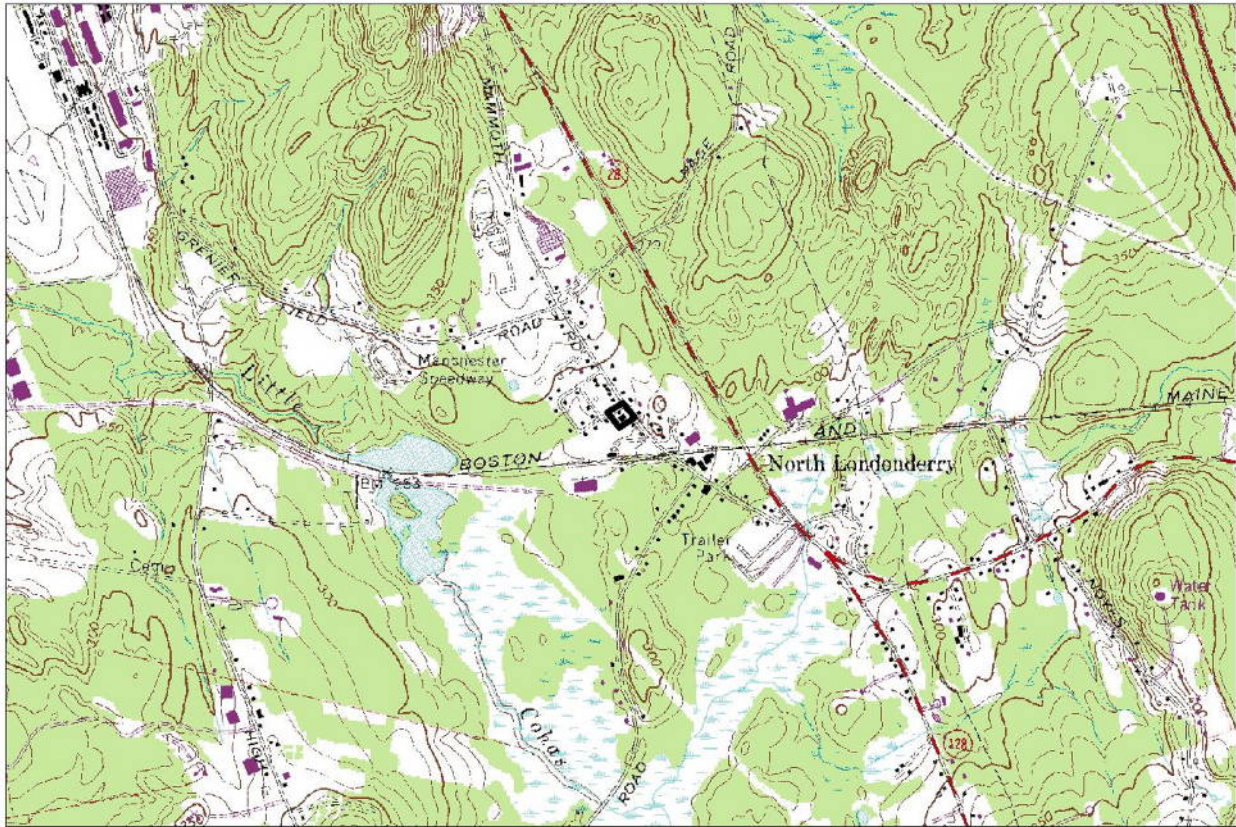


MAP OF PROJECT BOUNDARIES FOR: **NHB10-0348**

NHB10-0348



NH NATURAL HERITAGE BUREAU



Valid for one year from this date: 11 Feb 2010

Memo



NH NATURAL HERITAGE BUREAU

To: Michael Leach, Stantec Consulting Services, Inc.
5 Dartmouth Drive - Suite 101
Auburn, NH 03032

From: Melissa Coppola, NH Natural Heritage Bureau

Date: 2/11/2010 (valid for one year from this date)

Re: Review by NH Natural Heritage Bureau

NHB File ID: NHB10-0341

Town: Londonderry

Project type: Buildings and Related Structures: Single commercial building lot
Location: Tax Maps: Map 17 Lot 5-1

cc: Kim Tuttle

As requested, I have searched our database for records of rare species and exemplary natural communities, with the following results.

Comments:

Vertebrate species

	State ¹	Federal	Notes
Blanding's Turtle (<i>Emydoidea blandingii</i>)	E	--	Contact the NH Fish & Game Dept (see below).
Eastern Hognose Snake (<i>Heterodon platirhinos</i>)*	E	--	Contact the NH Fish & Game Dept (see below).

¹Codes: "E" = Endangered, "T" = Threatened, "--" = an exemplary natural community, or a rare species tracked by NH Natural Heritage that has not yet been added to the official state list. An asterisk (*) indicates that the most recent report for that occurrence was more than 20 years ago.

Contact for all animal reviews: Kim Tuttle, NH F&G, (603) 271-6544.

A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. For some purposes, including legal requirements for state wetland permits, the fact that no species of concern are known to be present is sufficient. However, an on-site survey would provide better information on what species and communities are indeed present.

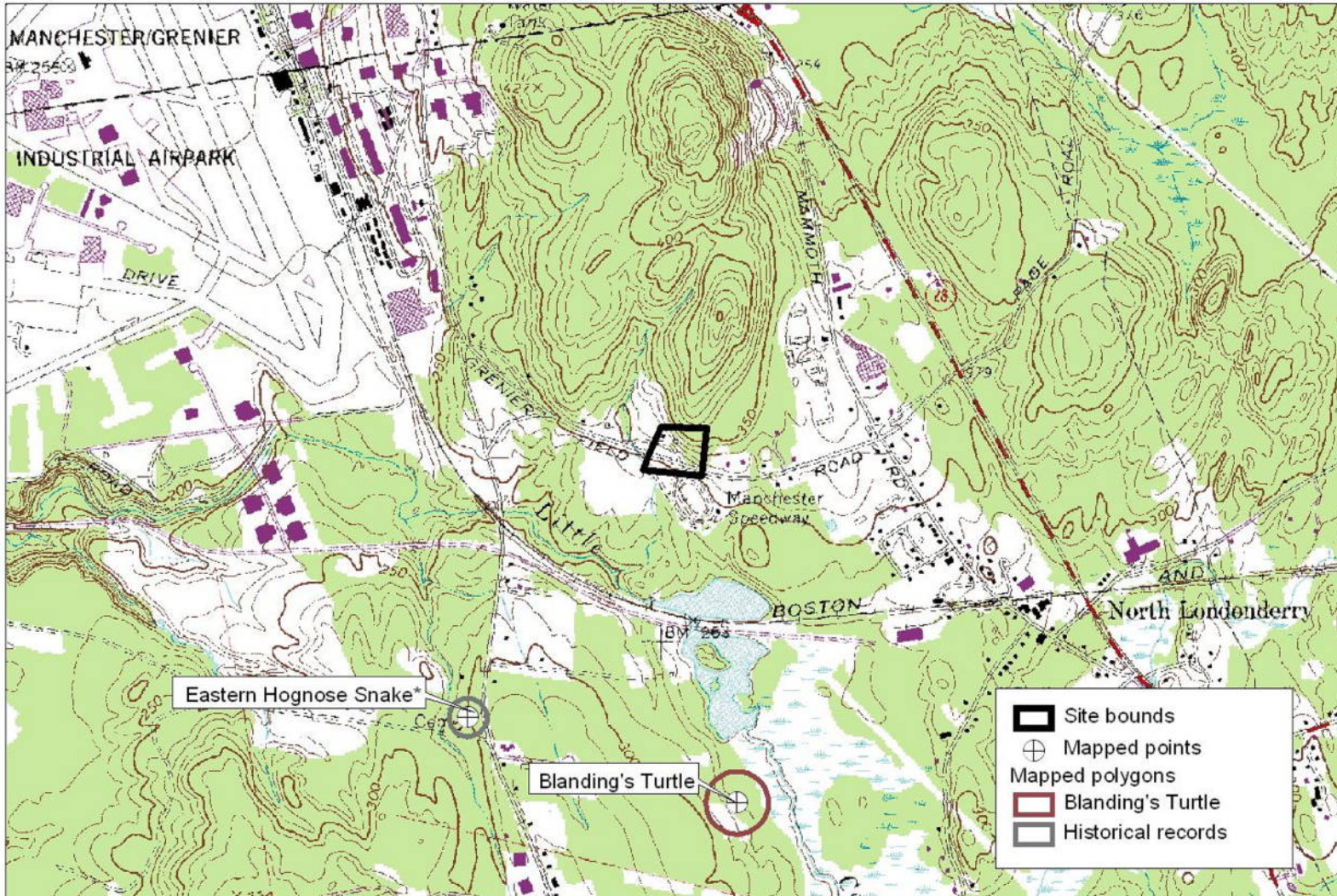
NHB10-0341



NH NATURAL HERITAGE BUREAU

Known locations of rare species and exemplary natural communities

Note: Mapped locations are not always exact. Occurrences that are not in the vicinity of the project are not shown.



*Historical record



Valid for one year from this date: 11 Feb 2010

New Hampshire Natural Heritage Bureau - Animal Record

Blanding's Turtle (*Emydoidea blandingii*)

Legal Status

Federal: Not listed
 State: Listed Endangered

Conservation Status

Global: Apparently secure but with cause for concern
 State: Critically imperiled due to rarity or vulnerability

Description at this Location

Conservation Rank: Not ranked
 Comments on Rank:

Detailed Description: 2004: Area 9278: 1 turtle.

General Area:

General Comments:

Management

Comments:

Location

Survey Site Name: Cohas Brook
 Managed By: NHDOT Mitigation

County: Rockingham

Town(s): Londonderry

Size: 7.7 acres

USGS quad(s): Manchester South (4207184)

Lat, Long:

Elevation:

Precision: Within (but not necessarily restricted to) the area indicated on the map.

Directions: Area 9278: End of Delta Road off of Harvey Road behind the Londonderry Armed Forces Reserve Center.

Dates documented

First reported: 2004-05-15

Last reported: 2004-05-15

New Hampshire Natural Heritage Bureau - Animal Record

Eastern Hognose Snake (*Heterodon platirhinos*)

Legal Status

Federal: Not listed
State: Listed Endangered

Conservation Status

Global: Demonstrably widespread, abundant, and secure
State: Critically imperiled due to rarity or vulnerability

Description at this Location

Conservation Rank: Historical records only - current condition unknown.
Comments on Rank:

Detailed Description: 1984: Area 12169M: 1 observed. 1972: Area 12169M: 1 individual observed, 16-18 inches long.

General Area: In a small cemetery. Area shaded and grassy.

General Comments: 2003: Area 12169M: Formerly Pettengill Cemetery. Now busy road. More field work needed.
Management
Comments:

Location

Survey Site Name: Londonderry Cemetery

Managed By:

County: Rockingham

USGS quad(s): Manchester South (4207184)

Town(s): Londonderry

Lat, Long: 425452N, 0712525W

Size: 2.8 acres

Elevation: 290 feet

Precision: Within (but not necessarily restricted to) the area indicated on the map.

Directions: Londonderry. Found in a small old cemetery on north side of Pettingill Road which runs west off of Harvey Road. Near Little Cohas Marsh.

Dates documented

First reported: 1971

Last reported: 1984-07-01

Orff, Eric. 1972. New Hampshire Department of Fish and Game.

John Trottier

From: Tuttle, Kim [Kim.Tuttle@wildlife.nh.gov]
Sent: Wednesday, February 17, 2010 1:36 PM
To: John Trottier
Subject: NHB10-0341 North Fire Station, Londonderry

John,

The NHFG Nongame and Endangered Species Program has reviewed NHB10-0341 for the proposed North Fire Station on Grenier Field Road in Londonderry. The NHB review indicated that the state endangered eastern hognose snake and Blanding's turtle have been documented in the vicinity of the site. Blanding's turtle and eastern hognose snake are protected by RSA 212-A, the New Hampshire Endangered Species Conservation Act. Based on the size, location and quality of the site for the presence of these two species, we do not expect impacts to Blanding's turtle or eastern hognose as a result of this specific project. However, impacts to other lots in the vicinity of the project may result in adverse impacts to these two protected species and would require review from the NHFG Nongame and Endangered Species Program. Please feel free to call me at 271-6544 if you have any further questions regarding this job.

Sincerley,

Kim Tuttle
Wildlife Biologist
NH Fish and Game
Nongame and Endangered Species Program
603-271-6544

From: John Trottier [mailto:jrtrottier@londonderrynh.org]
Sent: Wednesday, February 17, 2010 10:44 AM
To: Tuttle, Kim
Cc: John Trottier
Subject: FW: NHB Review #NHB10-0341

Kim,

As discussed this morning, I am requesting that you please review the above referenced file. The Town of Londonderry has applied for and has been granted financial assistance through the Assistance to Firefighters Station Construction Grant by the Department of Homeland Security, Federal Emergency Management Agency. Grant money will be used to construct a new North Fire Station on the subject lot.

Historically, the subject lot was two separate parcels used for residential purposes. The Town acquired the lots in 1999 and 2006 for the construction of a new North Fire Station, the lots have been consolidated by the Town. In 2005 / 2006 the Town began performing site work activities (clearing, grubbing, earth work, utilities and drainage) for the new station. Approximately 80% of the 2 acre parcel will be disturbed as a result of the new station.

There were and are no wetlands or vernal pools on the site. The construction of the new North Fire Station will not require an Alteration of Terrain Permit (less than 100k sf disturbance) or a wetlands permit.

Attached are the following:

2/18/2010

Historical aerial photos of the site as well as a recent (2009) photo.
Copy of the proposed site plan.
A recent photo of the site is attached to the bottom of this e-mail.

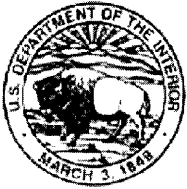
Feel free to contact me if you have any additional questions or need anything.

Thank you.

John R. Trottier, PE
Assistant Director of Public Works &
Engineering
Town of Londonderry, NH
603-432-1100 ext 146
Fax 603-432-1128

jrtrottier@londonderrynh.org





United States Department of the Interior



FISH AND WILDLIFE SERVICE

New England Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5087
<http://www.fws.gov/newengland>

January 4, 2010

To Whom It May Concern:

This project was reviewed for the presence of federally-listed or proposed, threatened or endangered species or critical habitat per instructions provided on the U.S. Fish and Wildlife Service's New England Field Office website:

(<http://www.fws.gov/newengland/EndangeredSpec-Consultation.htm>)

Based on the information currently available, no federally-listed or proposed, threatened or endangered species or critical habitat under the jurisdiction of the U.S. Fish and Wildlife Service (Service) are known to occur in the project area(s). Preparation of a Biological Assessment or further consultation with us under Section 7 of the Endangered Species Act is not required.

This concludes the review of listed species and critical habitat in the project location(s) and environs referenced above. No further Endangered Species Act coordination of this type is necessary for a period of one year from the date of this letter, unless additional information on listed or proposed species becomes available.

Thank you for your cooperation. Please contact Mr. Anthony Tur at 603-223-2541 if we can be of further assistance.

Sincerely yours,

Thomas R. Chapman
Supervisor
New England Field Office

**FEDERALLY LISTED ENDANGERED AND THREATENED SPECIES
IN NEW HAMPSHIRE**

COUNTY	SPECIES	FEDERAL STATUS	GENERAL LOCATION/HABITAT	TOWNS
Belknap	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Meredith, Alton and Laconia
Carroll	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Albany, Eaton, Madison Wolfeboro, Brookfield and Wakefield
Coos	Canada Lynx	Threatened	Regenerating softwood forest, usually with a high density of snowshoe hare.	All Towns
	Dwarf wedgemussel	Endangered	Connecticut River main channel and Johns River	Northumberland, Lancaster and Dalton
Cheshire	Dwarf wedgemussel	Endangered	S. Branch Ashuelot River and Ashuelot River	Swanzy, Keene and Surry
Grafton	Dwarf wedgemussel	Endangered	Connecticut River main channel	Haverhill, Piermont, Orford and Lyme
	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Holderness
Hillsborough	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Weare
Merrimack	Karner Blue Butterfly	Endangered	Pine Barrens with wild blue lupine	Concord and Pembroke
	Small whorled Pogonia	Threatened	Forests	Danbury, Epsom, Warner and Allenstown
Rockingham	Piping Plover	Threatened	Coastal Beaches	Hampton and Seabrook
	Roseate Tern	Endangered	Atlantic Ocean and nesting at the Isle of Shoals	
	Small whorled Pogonia	Threatened	Forests	Northwood, Nottingham, and Epping
Strafford	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Middleton, New Durham, Milton, Farmington, Strafford, Barrington, and Madbury
Sullivan	Northeastern bulrush	Endangered	Wetlands	Acworth, Charlestown, Langdon and Walpole
	Dwarf wedgemussel	Endangered	Connecticut River main channel	Plainfield, Cornish, Claremont and Charlestown
	Jesup's milk-vetch	Endangered	Banks of the Connecticut River	Plainfield and Claremont

-Eastern cougar, gray wolf and Puritan tiger beetle are considered extirpated in New Hampshire.

-Endangered gray wolves are not known to be present in New Hampshire, but dispersing individuals from source populations in Canada may occur statewide.

-There is no federally-designated Critical Habitat in New Hampshire.

7/31/2008

APPENDIX O
PHASE IA ARCHAEOLOGICAL SENSITIVITY ASSESSMENT
AND FEMA LETTER TO NHDHR

NH Division of Historical Resources

Bibliography Form and Short Report

Complete this form for ALL archaeological reports submitted to the DHR. Submit the completed form to the Records Coordinator via e-mail at Tanya.Krajcik@dcr.nh.gov

This form is being used for: Bibliography Form Only Bibliography Form AND Short Report

Document ID (NHDHR Use Only):

DHR Review #:

Author's Last Name: Goodby **First/MI:** Robert

Additional Authors:

Source Institution: Monadnock Archaeological Consulting, LLC

Report Type: Short Report

Report Date: February 16, 2010

Title: Phase IA Archaeological Sensitivity Assessment, Proposed Fire Station, Grenier Field Road, Londonderry, New Hampshire

Publication Source: Monadnock Archaeological Consulting, LLC

Volume/Pages: 1/7

Sponsor Agency: FEMA

Abstract: Phase IA study, including background research and visual inspection of the project area, was completed for the location of a proposed new fire station immediately west of 18 Grenier Field Road and the existing fire station at 535 Mammoth Road. The entire site of the proposed fire station has undergone gross disturbance from construction activity. The existing fire station shares a parcel with the Mayflower Grange building, which is listed on the New Hampshire Register of Historic Places. Project plans do not call for any impact to this structure, which is currently used as the Londonderry Senior Center. No further study is recommended.

Investigation Type: Phase IA Phase IB Phase II Phase III
 Analytical Study Monitoring Other

Sites Found: Yes No

Excavated: Yes No

Comments:

*****Please enter the geographical coordinates for the project area below (NH State Plane-feet preferred). NH State Plane coordinates can be found on the GRANIT website at:**

<http://mapper.granit.unh.edu>

Easting: 1051490 **Northing:** 153902

Approximate Area Surveyed: 6 Acres

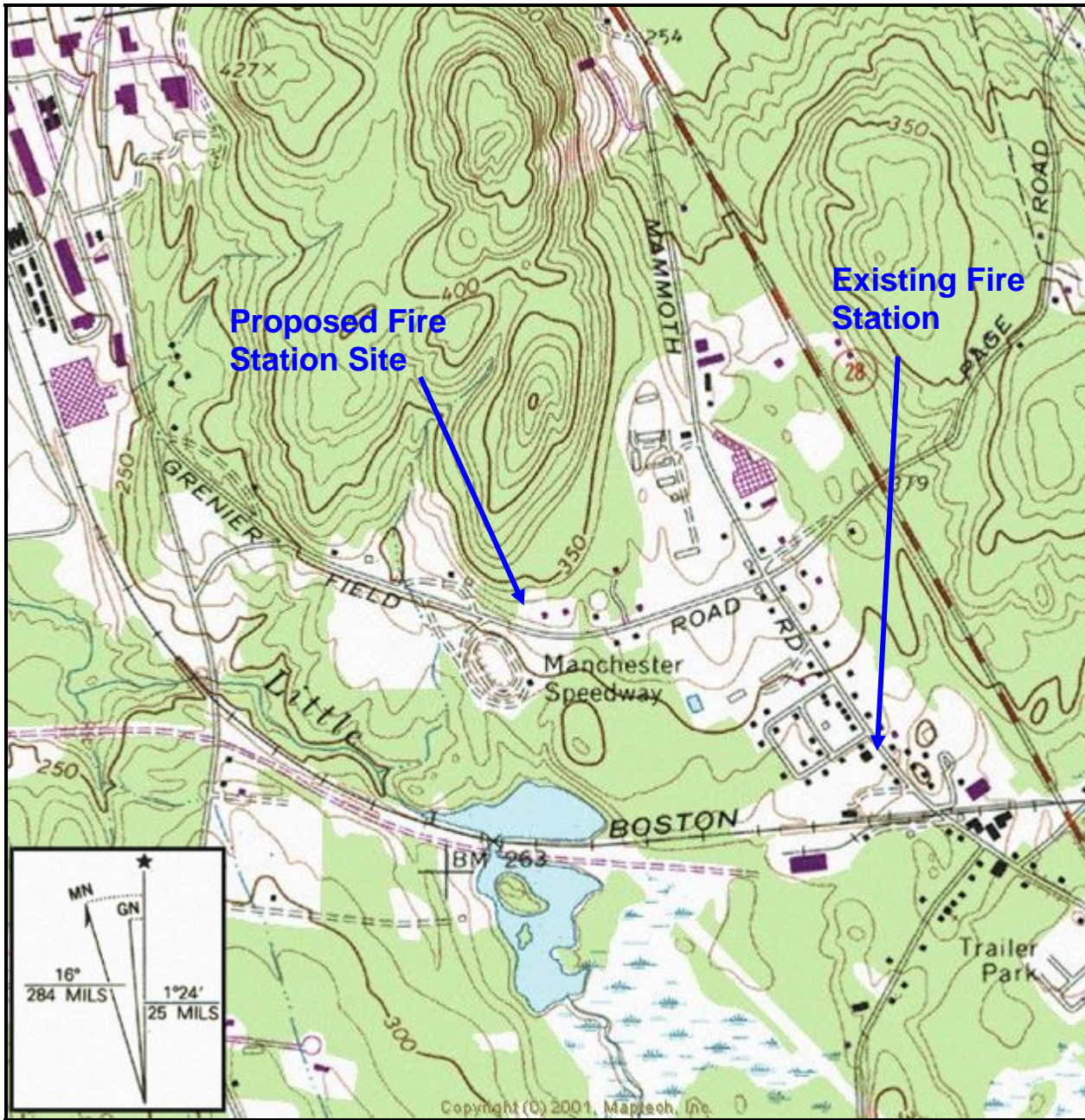


Figure 1. Project Area on USGS Manchester South Quadrangle (1:24,000)

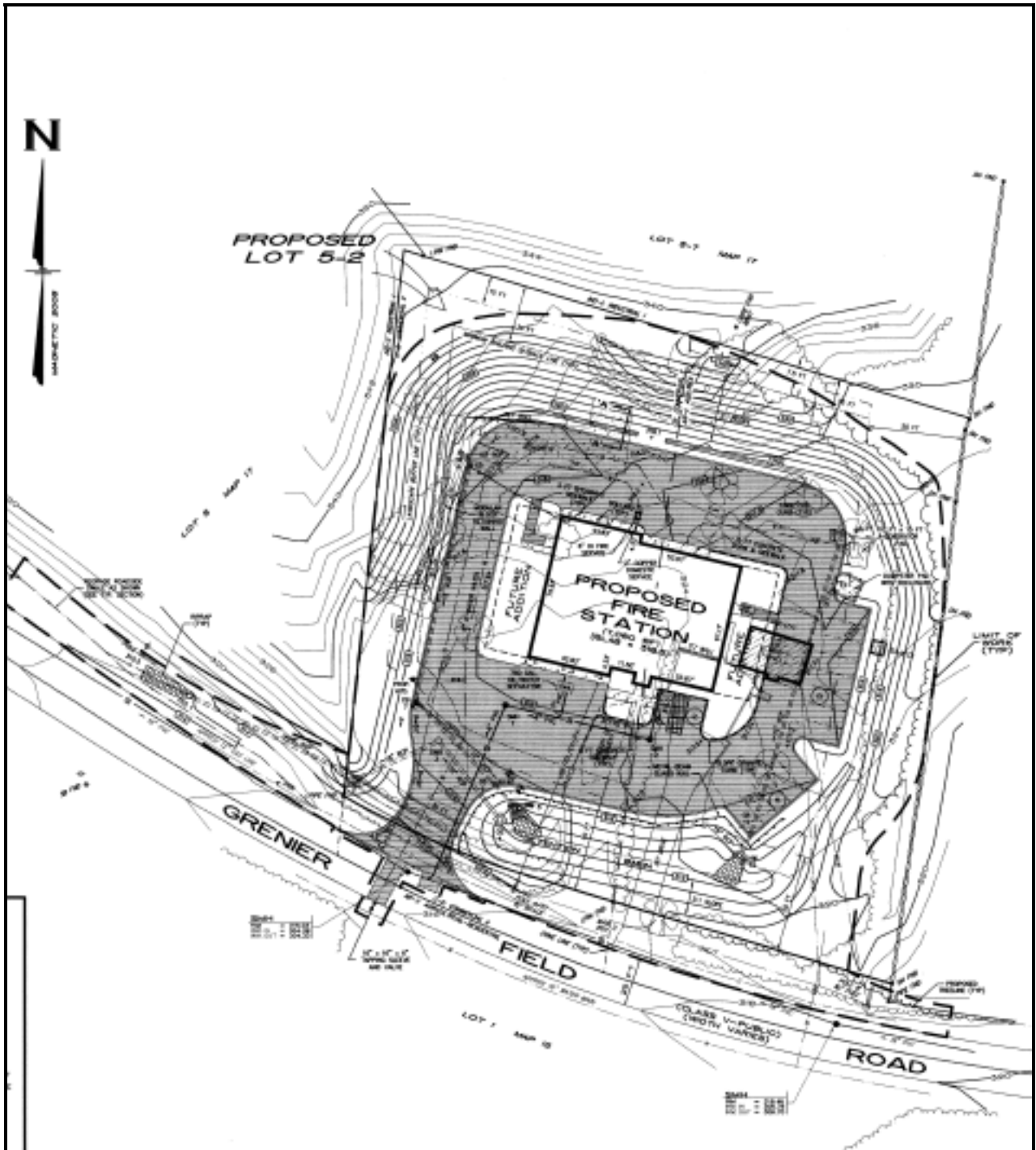


Figure 2. Project Plans (Approximate Scale 1" = 70')

North Fire Station Site: 2009 Aerial View



1 inch = 200 feet 200 Feet

Lot lines (in white) are approximate and represent 2010 conditions.

Plate 1. Aerial View of Proposed Station Site



Plate 2. Proposed Station Location, View West



Plate 3. Existing Station, 535 Mammoth Road, View Northwest



Plate 4. Mayflower Grange Building, View West