Volume One

Boynton Meadows at Gibbet Hill
Blacksmith Row
134 Main Street
Groton, MA

July 2011

Submitted to:
Groton Planning Board
Groton Town Hall
173 Main Street
Groton, MA 01450

Submitted by:
Mount Laurel Development, LLC
PO Box 1444
1000 Mount Laurel Circle, Suite 4
Shirley, MA 01464

Prepared by:
Goldsmith, Prest & Ringwall, Inc.
39 Main Street, Suite 301
Ayer, MA 01432

Project No:
111007

GPR Engineering Solutions for Land & Structures

Boynton Meadows at Gibbet Hill

Permitting Team

Civil Engineering and Land Surveying:
Goldsmith, Prest & Ringwall, Inc.
39 Main Street, Suite 301
Ayer, MA 01432

Architect:
Maugel Architects Inc.
200 Ayer Road
Harvard, MA 01451

Landscape Architect:
Lorayne Black, ASLA
PO Box 595
Groton, MA 01450

Project Counsel:
Perkins & Anctil, PC
6 Lyberty Way, Suite 201
Westford, MA 01886

Wetland Consultants:
B & C Associates, Inc.
2 Rice Street
Hudson, MA 01749

Wetlands and Wildlife Studies:
Oxbow Associates, Inc.
PO Box 971
Acton, MA 01720

Traffic Planners and Engineers:
MDM Transportation Consultants, Inc.
28 Lord Road, Suite 280
Marlborough, MA 01752

GPR Engineering Solutions for Land & Structures

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	24" x 36" and 11" x 17" sets of Boynton Meadows at Gibbet Hill Mixed Use/Residential Development by: Maugel Architects, Inc.

Section One

Master Application

Town Center Overlay District

Chapter 43D – Priority Development Site

Boynton Meadows at Gibbet Hill

134 Main Street

TOWN OF GROTON
173 Main Street
Groton, Massachusetts 01450
Telephone (978) 448-1105
FAX: (978) 448-1113

MASTER APPLICATION FOR PERMITS
TOWN CENTER OVERLAY DISTRICT
CHAPTER 43D – PRIORITY DEVELOPMENT SITE

Applicant	Mount Laurel Development, LLC	Landowner [1]	No. Middlesex Savings Bank
Address	1000 Mt Laurel Circle, Unit 4	Address	7 Main Street
	Shirley, MA 01464-1444		Ayer , Ma 01432
Telephone	978-425-9802	Telephone	978-772-8502
E-mail	bfrance@senateconstruction.com	E-mail	Walter.Dwyer@NMSB.com

This application is for:

Project name: Boynton Meadows at Gibbet Hill

Number of structures: 8 Total square feet: 52,600 ±

Describe project: Mixed Use/Residential Development located at 134 Main Street. The project will include the renovation of the main structure and an addition to the rear. This work will create first floor space for up to three commercial uses on the first floor and three dwelling units on the second floor. The balance of the property will be developed with fifteen additional dwelling units as single family, duplex and three family structures. Three of the structures will be permitted as affordable housing in accordance with the Town Center Overlay District Section 218-30.2 of the Groton Zoning Bylaws.

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[1] *Where the owner is a corporation, institution, non-profit organization, or condominium association (whether residential or non-residential) the attached "Certificate of Authority" must be submitted indicating who has authority to sign this application on behalf of the owner.*

Proposed number of retail/service establishment units: 1

Square feet per unit: 1,000 ±

Proposed number of business/professional office units: 1

Square feet per unit: 1,300 ±

Proposed number of restaurant units: 1

Number of seats: 30 Square feet per unit: 450

Take out: _____ Square feet per unit: 1050

Total number of Residential Units: 18

Two bedroom units: 2 Square feet per unit: 1,100 to 2,100

Three bedroom units: 13 Square feet per unit: 1,800 to 2,400

Four bedroom units: 2 Square feet per unit: 2,400 to 2,600

Number of Transfer Units: 0

Origin of Transfer Units: n/a

Property location:

The property is located on the following public way 134 Main Street

Town of Groton Assessors' Map 113, Parcels 9

Street address(es) of proposed project: 134 Main Street

Recording information for each parcel:

Map 113, Parcel # 9 . The owner's title to the land is derived under deed from North. Middlesex Savings Bank, dated May 26, 2010, recorded in Registry of Deeds, Book 54749, Page 456, **OR** Land Court Certificate of Title No. _____, Book _____, Page_____.

Map 113, Parcel #_____. The owner's title to the land is derived under deed from _____, dated _____, recorded in Registry of Deeds, Book _____, Page _____, **OR** Land Court Certificate of Title No. _____, Book _____, Page_____.

Map 113, Parcel #_____. The owner's title to the land is derived under deed from _____, dated _____, recorded in Registry of Deeds, Book _____, Page _____, **OR** Land Court Certificate of Title No. _____, Book _____, Page_____.

Map 113, Parcel #_____. The owner's title to the land is derived under deed from _____, dated _____, recorded in Registry of Deeds, Book _____, Page _____, **OR** Land Court Certificate of Title No. _____, Book _____, Page_____.

Map 113, Parcel #_____. The owner's title to the land is derived under deed from _____, dated _____, recorded in Registry of Deeds, Book _____, Page _____, **OR** Land Court Certificate of Title No. _____, Book _____, Page_____.

Map 113, Parcel #_____. The owner's title to the land is derived under deed from _____, dated _____, recorded in Registry of Deeds, Book _____, Page _____, **OR** Land Court Certificate of Title No. _____, Book _____, Page_____.

Map 113, Parcel #_____. The owner's title to the land is derived under deed from _____, dated _____, recorded in Registry of Deeds, Book _____, Page _____, **OR** Land Court Certificate of Title No. _____, Book _____, Page_____.

The following information must be submitted in both paper and electronic format (PDF):

__X__ Three (3) copies of signed application form

__X__ Five (5) full-sized (24" x 36") copies of all site plans stamped by a Registered Professional Engineer, Registered Land Surveyor

__X__ Five (5) full-sized (24" x 36") copies of architectural & landscaping plans

__X__ Three (3) copies of drainage calculations as required in §218-25G(2)(d)

__X__ Three (3) copies of traffic assessment as required in §218-25G(2)(e)

__X__ Three (3) copies of the fire flow tests required by the Water Department

__X__ Three (3) copies of the Water System Impact Report required by the Water Department

__X__ Three (3) copies of the site evaluation prepared pursuant to 310 CMR 40 Massachusetts Contingency Plan (MCP) for hazard materials/hazardous waste

Twenty-five (25) copies of the following:

__X__ One-half size (11" x 17") of the plan for distribution to Town departments and Board members

__X__ Narrative statement describing the project along with any requests for waivers or variances

__X__ Existing and proposed deed restrictions and easements

__X__ Photographs showing all sides of the project site taken at street level

__X__ Parking calculations as required in §218-23.1

__X__ Landscaping plan as required in §218-25G(2)(f)

__X__ Lighting plans including photometric diagrams as required in §381-40

__X__ Dimensioned floor plans and architectural elevations as required in §218-25G(3)(a)

__X__ Development Impact Report as required in §§218-25G(2) and 218-25G(3)(b)

__X__ Hydrological and soils information showing wetlands, flood plain, river front area, and wetlands buffer zones based upon an Order of Resource Area Delineation issued by the Conservation Commission

__X__ A list of abutters within 300 ft (verified by the Board of Assessors)

__X__ Filing fee (checks made out to the Town of Groton)

All applicants must sign:

Signature of applicant — Date 7/15/11
Robert France, Mgr. Mount Laurel Development, LLC

Signature of applicant — Date

All landowners must sign:

Signature of landowner — Date 7/15/11
Stephen J. Sugar, Jr., VP North Middlesex Savings Bank

Signature of landowner — Date

Application received by the Town Clerk:

Town Clerk — Date

Application deemed to be completed:

Land Use Director/Town Planner — Date

Received by the Board of Health:

Signed _____ Date _____

Received by the Board of Selectmen:

Signed _____ Date _____

Received by the Earth Removal Stormwater Advisory Committee:

Signed _____ Date _____

Received by the Fire Chief:

Signed _____ Date _____

Received by the DPW Director:

Signed _____ Date _____

Received by the Historic Districts Commission:

Signed _____ **Date** _____

Received by the Planning Board:

Signed _____ Date _____

Received by the Sewer Department:

Signed _____ Date _____

Received by the Water Department:

Signed _____ Date _____

Section Two

Fire Flow Tests Results

Fire Flow Tests

The Town had an evaluation of the water system around Station Ave. conducted in the Spring of 2008. That evaluation included the several hydrants on Main Street on either side of 134 Main Street. GPR coordinated with the Groton Water Department and Troupe Water Services, LLC in the fall of 2008 for an independent flow test. The test results of the independent study were very similar to those conducted for the Town. The flow at the hydrant just east of the Inn is approximately 1250 gpm which is about the best in town and more than adequate for the propose uses and fire protection at Boynton Meadows at Gibbet Hill.

See attached Station Ave. report by Nitsch Engineering May 2008 and Fire Flow Test Results by Troupe Water Service, LLC.

I. PUBLIC WATER SYSTEM

Figure 5 provides a map of the water system in and near the District. The first section below describes the existing water pipes and the second section describes the water pressures within those pipes, based on flow tests performed in April 2008. Section 4 of this report evaluates how well the existing water system meets the likely demands of the potential redevelopment.

a. System Description

Table 1 offers the sizes and materials of the water mains that serve each street in the district and notes the lines that are dead ends that require additional pipe to complete a loop for improved fire flows and water quality.

Table 1 – Water Main Sizes Per Street

Street	Size	Material	Dead End?
Main Street	12-inch	Cast iron	No
Broadmeadow Road	6-inch	Cast iron	Yes
Station Avenue	6-inch	Cast iron	Yes
Court Street	6-inch	Cast iron	Yes
Adams Avenue	6-inch	Cast iron	Yes

Earth Tech completed a "Water Assets Study" for the entire Groton water system in June 2004. The Groton Water system currently has over 43.5 miles of water mains, 1,747 residential, business and commercial water service connections, 343 fire hydrants, and three water supply wells in service: Baddacook Pond Well, Whitney Pond Well #1, and Whitney Pond Well #2. The Whitney Pond Well #2 is a redundant back-up well for the main Whitney Pond Well #1. Water from the Baddacook Well is treated by a green sand filtration process that removes naturally occurring iron and manganese. Chlorine is added for disinfection purposes and Potassium Hydroxide (KOH) is added to raise the pH of the water, or make the water less acidic. Two storage tanks provide up to two million gallons of storage capacity. The Chestnut Hill tank, which was brought into service in December of 2005, holds one million gallons. The original water storage tank at Gibbet Hill was constructed in 1897, and is currently off line for maintenance. When reactivated, the Gibbet Hill Tank will provide up to one million gallons of storage capacity. In 2007, a total of 156 million gallons (MG) was pumped from the systems three water sources: Baddacook Well contributing 51.70 MG; Whitney Well #1 contributing 79.10 MG; and Whitney Well #2 contributing 25.36 MG. Residential consumption for 2007 was 101.35 MG, with a daily residential average consumption per person of 170 gallons or 493 gallons per household. Average metered water use is 170 residential gallons per capita per day (rgpcd). The total permitted withdrawal capacity of the Town's wells is 517,000 gpd.

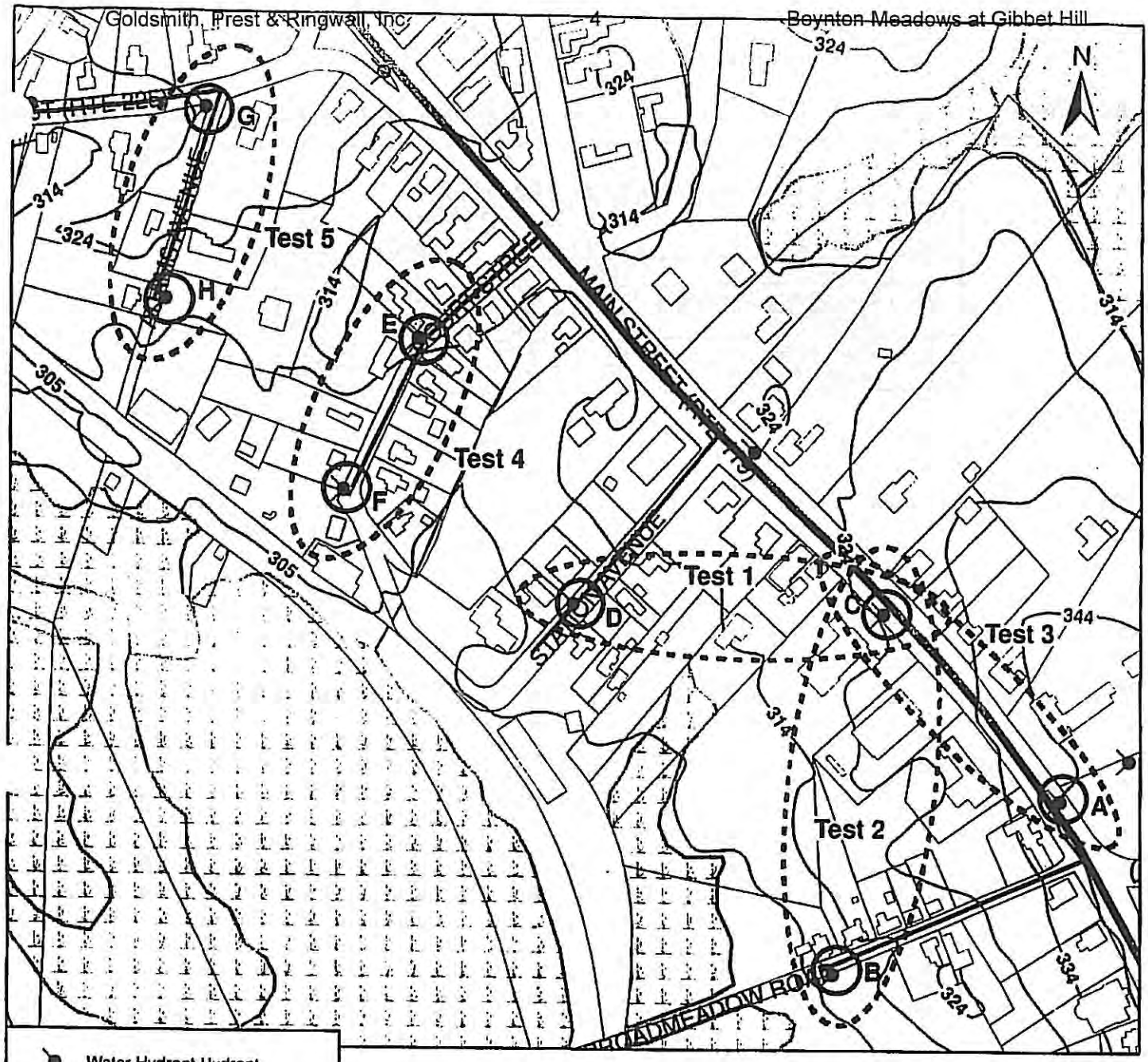
b. Hydrant Flow Test Results

Five hydrant fire flow tests were performed on Friday, April 18, 2008. The results of the tests are summarized in Table 2. Figure 6 provides a map of the locations of the hydrants that were tested. Attachment D includes a detailed calculation sheet for each flow test. Section 4 of this report evaluates the adequacy of the fire flows found.

gpm = gallons per minute
psi = pounds per square inch

Table 2 – Hydrant Flow Test Results

Test No.	Location	Flow (gpm)	Static P (psi)	Resid. P (psi)	Q20 (psi)
1	Station Avenue	712	80	75	2724
2	Broadmeadow Road	1175	80	75	4494
3	Main Street	1267	80	75	4847
4	Court Street	517	86	44	659
5	Adams Avenue	671	83	30	737



Water Hydrant Hydrant
10-Foot Contours
6-Inch Water Main
12-Inch Water Main
Station Avenue Overlay District
Lakes and Ponds
Wetlands
Streams

1 inch equals 300 feet

Friday 4/18/2008	OBS.	FLOW
1. Station Avenue	C	D
2. Broadmeadow Road	C	B
3. Main Street	C	A
4. Court Street	E	F
5. Adams Avenue	G	H

Nitsch Engineering

Figure 6 - Hydrant Flow Tests
Station Avenue Overlay District Infrastructure Evaluation
Town of Groton, MA

Goldsmith, Prest & Ringwall, Inc.
Nitsch Engineering

www.nitscheng.com
Boynton Meadows at Gibbet Hill
186 Lincoln Street, Suite 200
Boston, MA 02111-2403
T: 617-338-0063
F: 617-338-6472

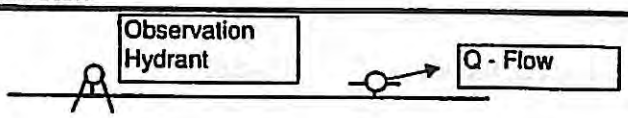
HYDRANT FLOW TEST SUMMARY SHEET

Project #: 6821
Date: 4/18/2008
Time: 8:45 AM
Test By: CTN & OW

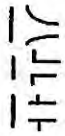
Client: Town of Groton
Project: Infrastructure Evaluation for the Station Avenue Overlay District
Location: Groton, MA (Station Avenue)

[SEE ATTACHED MAP- Test 1]

Sketch



Hydrant Coefficients:



Ch=0.90
Ch=0.80
Ch=0.70

Flow Test Summary					
Observation Hydrant			Flow Hydrant:		
Static:	80	psi	Pitot (P):	18	psi
Residual:	75	psi	Diameter (d):	2.5	inches
(psi = pounds per square inch)			Hyd. Coefficient (Ch):	0.9	

Calculated Flow (Q = hydrant flow in gallons per minute - gpm)			
Q=29.83(Ch)(d)^2(P)^1/2	Q =	712	gpm

Flow (Q20) at 20 psi							
Q20 = Q(PD20)^0.54/(PD1)^0.54						Q20 =	2724 gpm
PD20 = Static - 20 psi =	80	-	20	=	60	psi	
PD1 = Static - Observed =	80	-	75	=	5	psi	

Comments
The wells were off
Chestnut Hill Tank was at 10.5 feet
Gibbet reservoir is off-line

www.mtscheng.com
186 Lincoln Street, Suite 200
Boston, MA 02111-2403
T 617-338-0063
F 617-338-6472

N. .ch Engineering

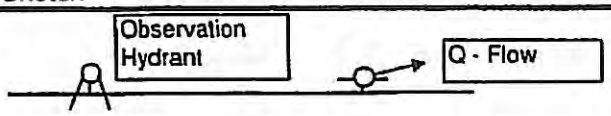
.YDRANT FLOW TEST SUMMARY SHEET

roject #: 6821
'ate: 4/18/2008
ime: 9:00 AM
est By: CTN & OW

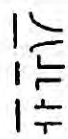
Client: Town of Groton
Project: Infrastructure Evaluation for the Station Avenue Overlay District
Location: Groton, MA (Broadmeadow Road)

[SEE ATTACHED MAP- Test 2]

Sketch



Hydrant Coefficients:



Ch=0.90
Ch=0.80
Ch=0.70

Flow Test Summary				
Observation Hydrant		Flow Hydrant:		
Static:	80 psi	Pitot (P):	49	psi
Residual:	75 psi	Diameter (d):	2.5	inches
(psi = pounds per square inch)		Hyd. Coefficient (Ch):	0.9	

Calculated Flow (Q = hydrant flow in gallons per minute - gpm)		
Q=29.83(Ch)(d)^2(P)^1/2	Q =	1175 gpm

Flow (Q20) at 20 psi		
Q20 = Q(PD20)^0.54/(PD1)^0.54	Q20 =	4494 gpm
PD20 = Static - 20 psi = 80 - 20 = 60 psi		
PD1 = Static - Observed = 80 - 75 = 5 psi		

Comments
The wells were off Chestnut Hill Tank was at 10.5 feet Gibbet reservoir is off-line

Nitsch Engineering
www.nitscheng.com
186 Lincoln Street, Suite 200
Boston, MA 02111-2403
T 617-338-0063
F 617-338-6472

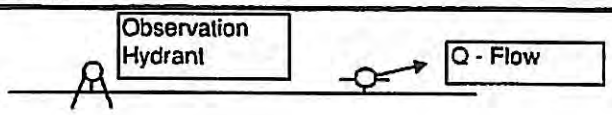
YDRANT FLOW TEST SUMMARY SHEET

roject #: 6821
ate: 4/18/2008
me: 9:15 AM
est By: CTN & OW

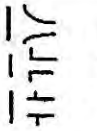
Client: Town of Groton
Project: Infrastructure Evaluation for the Station Avenue Overlay District
Location: Groton, MA (Main Street)

[SEE ATTACHED MAP- Test 3]

Sketch



Hydrant Coefficients:



Ch=0.90
Ch=0.80
Ch=0.70

Flow Test Summary					
Observation Hydrant			Flow Hydrant:		
Static:	80	psi	Pitot (P):	57	psi
Residual:	75	psi	Diameter (d):	2.5	inches
(psi = pounds per square inch)			Hyd. Coefficient (Ch):	0.9	

Calculated Flow (Q = hydrant flow in gallons per minute - gpm)			
Q=29.83(Ch)(d)^2(P)^1/2	Q =	1267	gpm

Flow (Q20) at 20 psi							
Q20 = Q(PD20)^0.54/(PD1)^0.54						Q20 =	4847 gpm
PD20 = Static - 20 psi =	80	-	20	=	60	psi	
PD1 = Static - Observed =	80	-	75	=	5	psi	

Comments
The wells were off
Chestnut Hill Tank was at 10.5 feet
Gibbet reservoir is off-line

Nitsch Engineering
www.nitscheng.com
186 Lincoln Street, Suite 200
Boston, MA 02111-2403
T: 617-338-0063
F: 617-338-6472

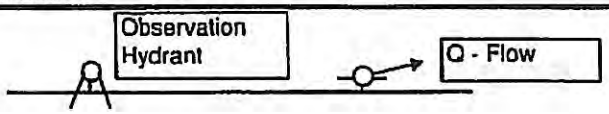
YDRANT FLOW TEST SUMMARY SHEET

roject #: 6821
ate: 4/18/2008
ime: 9:45 AM
est By: CTN & OW

Client: Town of Groton
Project: Infrastructure Evaluation for the Station Avenue Overlay District
Location: Groton, MA (Court Street)

[SEE ATTACHED MAP- Test 4]

Sketch



Hydrant Coefficients: Ch=0.90 Ch=0.80 Ch=0.70

Flow Test Summary					
Observation Hydrant			Flow Hydrant:		
Static:	86	psi	Pitot (P):	12	psi
Residual:	44	psi	Diameter (d):	2.5	inches
(psi = pounds per square inch)			Hyd. Coefficient (Ch):	0.8	

Calculated Flow (Q = hydrant flow in gallons per minute - gpm)			
Q=29.83(Ch)(d)^2(P)^1/2	Q =	517	gpm

Flow (Q20) at 20 psi							
Q20 = Q(PD20)^0.54/(PD1)^0.54					Q20 =	659	gpm
PD20 = Static - 20 psi =	86		20	=	66	psi	
PD1 = Static - Observed =	86	-	44	=	42	psi	

Comments
The wells were off Chestnut Hill Tank was at 10.5 feet Gibbet reservoir is off-line

litsch Engineering
www.nitscheng.com
186 Lincoln Street, Suite 200
Boston, MA 02111-2403
T: 617 338-0063
F: 617 338-6472

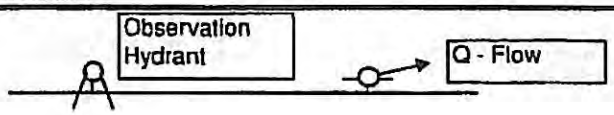
YDRANT FLOW TEST SUMMARY SHEET

oject #: 6821
ate: 4/18/2008
me: 10:15 AM
st By: CTN & OW

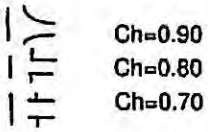
Client: Town of Groton
Project: Infrastructure Evaluation for the Station Avenue Overlay District
Location: Groton, MA (Adams Avenue)

[SEE ATTACHED MAP- Test 5]

Sketch



Hydrant Coefficients:



Ch=0.90
Ch=0.80
Ch=0.70

Flow Test Summary					
Observation Hydrant			Flow Hydrant:		
Static:	83	psi	Pitot (P):	16	psi
Residual:	30	psi	Diameter (d):	2.5	inches
(psi = pounds per square inch)			Hyd. Coefficient (Ch):	0.9	

Calculated Flow (Q = hydrant flow in gallons per minute - gpm)			
Q=29.83(Ch)(d)^2(P)^1/2	Q =	671	gpm

Flow (Q20) at 20 psi								
Q20 = Q(PD20)^0.54/(PD1)^0.54							Q20 =	737 gpm
PD20 = Static - 20 psi =	83	-	20	=	63	psi		
PD1 = Static - Observed =	83	-	30	=	53	psi		

Comments
The wells were off Chestnut Hill Tank was at 10.5 feet Gibbet reservoir is off-line

TWS

TROUPE WATER SERVICES, LLC
6 Ledge Rd. Unit 3
PO Box 4402 ▪ Windham, New Hampshire 03087
tel/1.866.928.9355 ▪ fax/1.603.434.9377
Kathy@troupewaterservice.com

Fire Flow Test Results

Location: 134 Main Street in Groton, MA

Date: 9/30/08

Fire Hydrant A	Static PSI	Residual PSI	Flow Rate @ PSI
134 Main St.	65 PSI	55 PSI	
Fire Hydrant B			
In front of town hall			50 PSI/1075 gpm

Section Three

Water System Impact Report

TOWN OF GROTON
Water Department
173 Main Street. Town Hall
Groton, Massachusetts 01450

Office: 978-448-1122
Fax: 978-448-1123

Superintendent:
Thomas D. Orcutt

Business Manager:
Kathy E. Morin

Commissioners:
Gary W. Hoglund
Lawrence W. Swezey
Alvin B. Collins, Jr.

WATER SYSTEM IMPACT REPORT

I. Project Overview

1. Project Identification:

A. Project Name: Boynton Place at Gibbet Hill
134 Main Street - Mixed Use/Residential Development

B. Project Proponent: Mount Laurel Development, LLC
1000 Mt. Laurel Circle, Unit 4, PO Box 1444, Shirley, MA 01464-1444

2. Project Description:

A. Location: 134 Main Street
Assessor's Map 113 Parcel 9

3. Project Summary:

Describe project and give general description of expected daily water needs and attach USGS map showing project location.

See attached Propose Use and associated flow spread sheet and attached USGS. The attached spread sheet indicates total flows of 9,740 gpd, however the site is assigned 750 gpd flow with the existing structures and former uses. The proponent estimates an additional water consumption (based on Title 5 guidelines) of 9,000 gpd.

II. Impact on Water Supply System

1. State the number of units and/or square feet anticipated for the project site. If project is to be built in phases, provide schedule. Attach (2) copies of site plans and utility plan.

   Currently the project assumes the main structure to be commercial uses on the first floor and addition of roughly 3,500 square feet. The second level would be divided into three dwelling units of roughly 1,100 square feet each. The balance of the property will contain fifteen dwelling units ranging in size from 1,750 square feet to 2,600 square feet per unit. The units will be arranged as single family, duplex and three family structures.

   The project development is anticipated to build out the mixed use structure and site infrastructure first and plans to complete within two years of start of construction.

2. Estimate consumption of water:

   A. Estimated average daily consumption 9,740 gallons.

   B. Estimated maximum daily consumption 9,740 gallons.

   C. Are lawn sprinklers and/or law irrigation proposed on site X yes ___ no.

3. Estimated fire flows required for the project site (attach letter of correspondence from insurance company if available).

   A. Does the project require a fire suppression system X yes X no.
   The main building and several of the large new units will require suppression systems.

4. Required minimum static pressure for the proposed project site 20 psi .

5. List alternatives to connection to the water system.
   (ie. Fire ponds, on-site wells, fire booster stations)

   NONE

6. List any conservation methods being proposed
   (ie. recycling, etc.)

   Current standards including low flow toilets, faucets and shower heads. All appliances will be Energy Star rated for washers and dishwashers.
   The project is exploring capturing roof runoff into cisterns for use with the irrigation systems.

III. Certification

Signature of Project Proponent

7/7/11
Date

Robert France

Type or Print Name

Mount Laurel Development, LLC

Company Name

1000 Mt. Laurel Circle, Unit 4

Street Address

Shirley, MA 01464-1444

City/Town/State/Code

978-425-9802

Phone Number

Signature of Person Preparing the Form if different from above

7/7/11
Date

Bruce Ringwall

Type or Print Name

Goldsmith, Prest & Ringwall, Inc.

Company Name

39 Main Street, Suite 301

Street Address

Ayer, MA 01432

City/Town/State/Code

978-772-1590

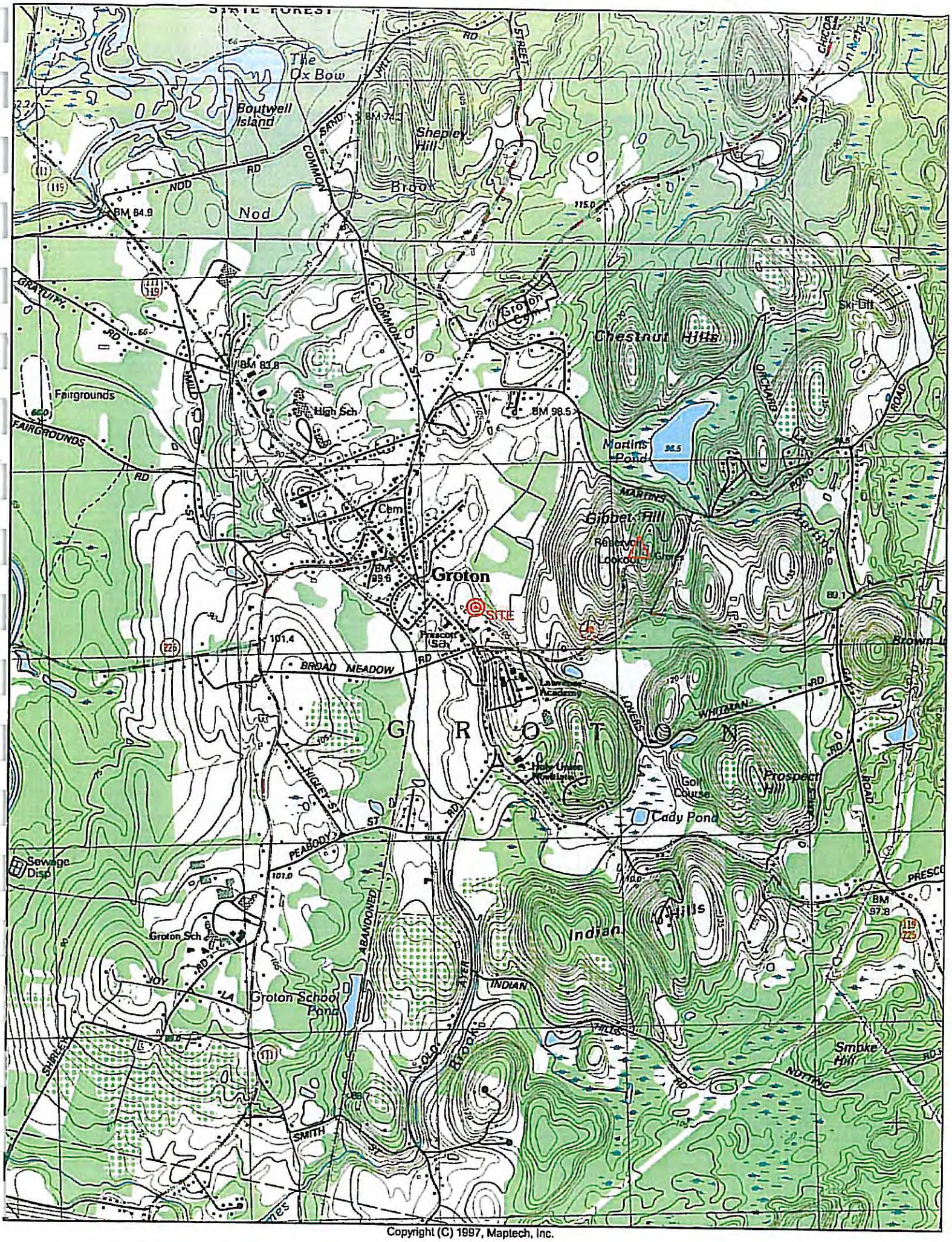
Phone Number

134 Main Street, Groton
Proposed uses and associated estimated water and sewer flows

Use	Sq. Ft.	Bedrooms	Seats	Doctors	Est. flow per unit	Flow GPD
Doctors office	2,500			2	250 /doc	500 gpd
Restaurant	3,500		105		35 /seat	3675 gpd
Retail Use	3,500				50 /1,000 sq. ft.	175 gpd
Residential		49			110 /bedroom	5390 gpd
					Total Est. Flow all uses	**9740 gpd**

Note: 134 Main Street currently has an assigned flow of 750 gpd, therefore the additional flow necessary for the project is 8,990 gpd.

Residential split	# of units	bedrooms	# of bedrooms	Est. flow	total est. flow
	1	4	4	110 / bedroom	440 gpd
	6	2	12	110 / bedroom	1320 gpd
	11	3	33	110 / bedroom	3630 gpd
Totals	**18**		**49**		**5390 gpd**



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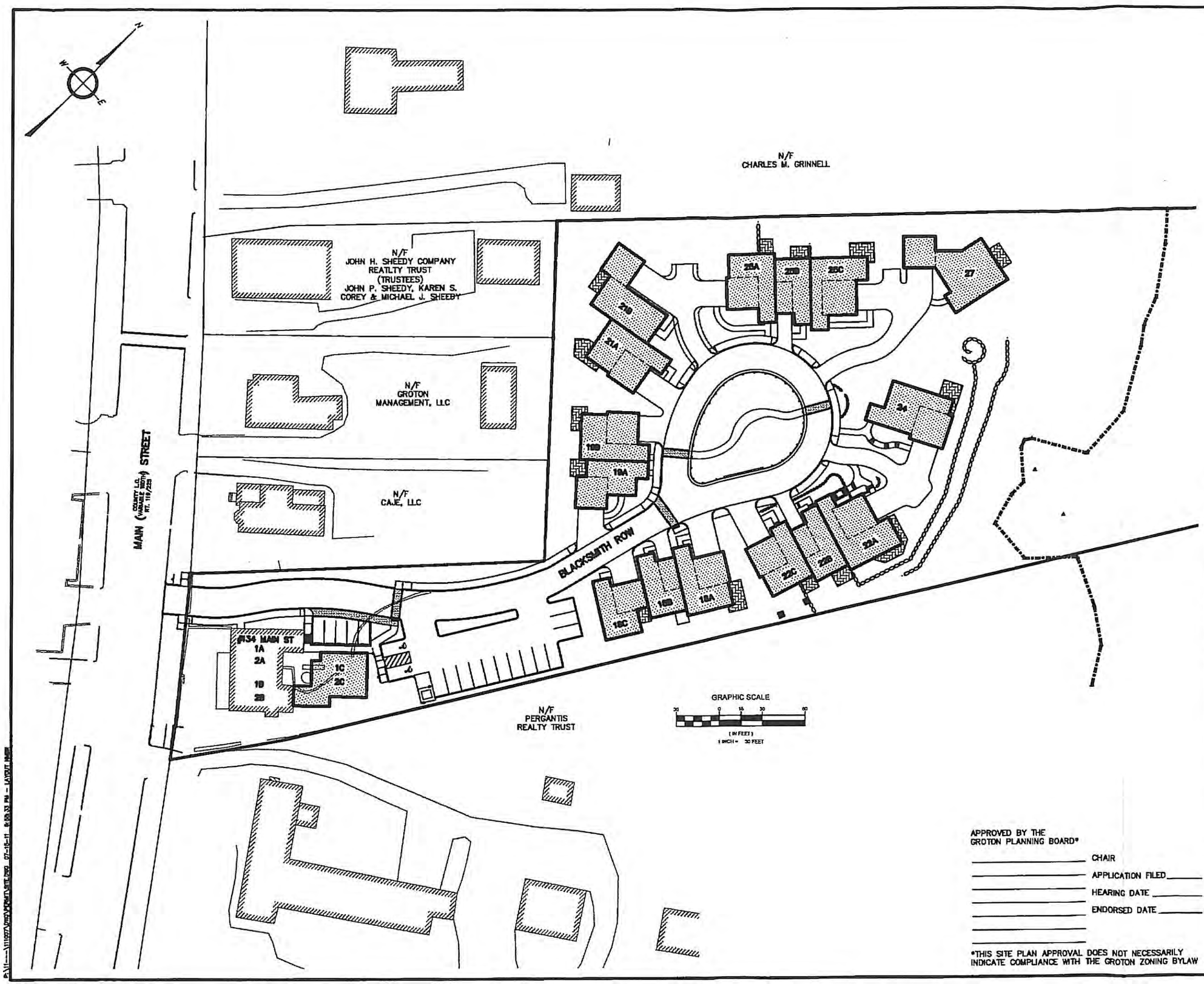

APPROVED BY THE
GROTON PLANNING BOARD*

_____ CHAIR

_____ APPLICATION FILED _____

_____ HEARING DATE _____

_____ ENDORSED DATE _____

*THIS SITE PLAN APPROVAL DOES NOT NECESSARILY INDICATE COMPLIANCE WITH THE GROTON ZONING BYLAW

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- ■ PERMIT
- ☐ CONSTRUCTION RECORD

THIS DRAWING MAY NOT SHOW CONSTRUCTION DETAILS AND SPECIFICATIONS FOR ALL PROPOSED IMPROVEMENTS, AND MAY NOT IDENTIFY ALL CONSTRUCTION WORK ITEMS/AREAS OF CONTRACTOR JURISDICTION.

NO.	DATE	BY	APP.	REVISION DESCRIPTION

GPR Engineering Solutions for Land & Structures

GOLDSMITH, PREST & RINGWALL, INC.
39 MAIN STREET, SUITE 301, AYER, MA 01432
CIVIL & STRUCTURAL ENGINEERING • LAND SURVEYING & LAND PLANNING
VOICE: 978.772.1690 FAX: 978.772.1691
www.gpr-inc.com

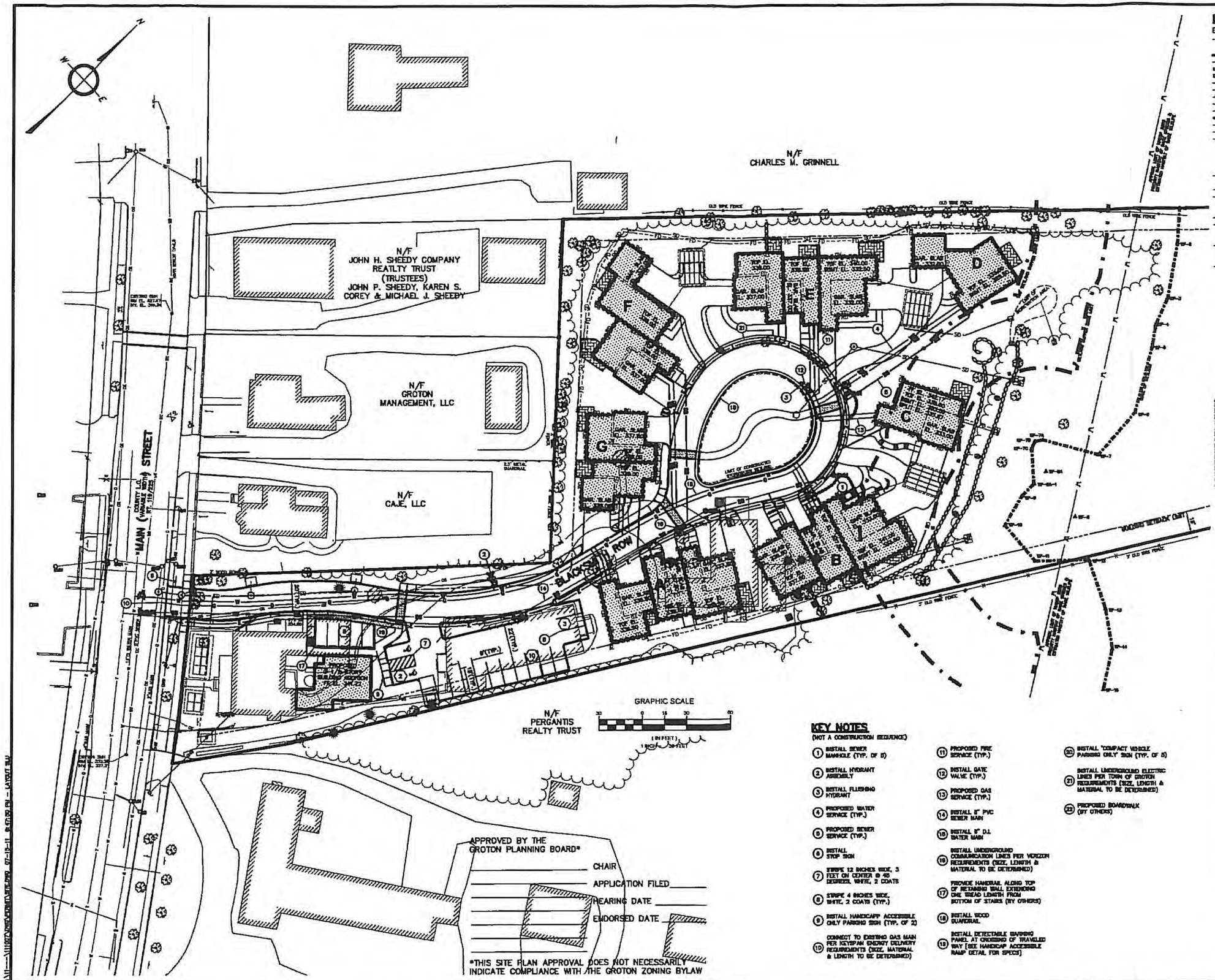
TOWN CENTER OVERLAY DISTRICT
BOYNTON MEADOWS AT GIBBET HILL

STREET NAME &
NUMBERING PLAN

BLACKSMITH ROW
134 MAIN STREET
GROTON, MA

PREPARED FOR:
MOUNT LAUREL DEVELOPMENT, LLC
P.O. BOX 1444
1000 MOUNT LAUREL CIRCLE, SUITE 4
SHIRLEY, MA 01464

DES. BY: MGB	DATE: JULY 2011	JOB 111007	C8.1
CHK. BY: DEM			



LEGEND

EXISTING / PROPOSED

- ELEVATION CONTOUR
- SPOT GRADE
- PROPERTY LINE
- BUILDING ENVELOPE
- WETLAND DELINEATION
- 100 FT WETLAND BUFFER ZONE
- NHESP HABITAT LIMIT
- EDGE OF PAVEMENT
- STOCKADE FENCE
- CHAINLINK FENCE
- WIRE FENCE
- STONE WALL
- WATER MAIN
- WATER SERVICE
- FIRE SERVICE
- WATER VALVE
- FIRE VALVE
- FIRE HYDRANT
- WATER SHUT-OFF VALVE
- GRAVITY SEWER LINE
- SEWER MANHOLE
- GAS LINE
- GAS SERVICE
- GAS VALVE
- GAS METER
- BURIED POWER LINE
- OVERHEAD POWER LINE
- UTILITY POLE
- GUY WIRE
- UNDERGROUND TELEPHONE LINE
- ELECTRIC BOX
- ELECTRIC METER
- STORM DRAIN
- UNDERDRAIN
- ROOF DRAIN
- CATCH BASIN
- DRAIN MANHOLE
- STRAW WATTLES
- DEEP SOIL OBSERVATION HOLE
- SITE LUMINAIRE
- SIGN
- ELEVATION BENCHMARK
- SURFACE RUNOFF DIRECTION
- STONE BOUND
- DRILL HOLE
- IRON ROD
- NUMBER OF PARKING SPACES

ABBREVIATIONS

EL	ELEVATION	N/F	NOW OR FORMERLY
INV	INVERT	SMH	SEWER MANHOLE
FG	FINISH GRADE	DMH	DRAIN MANHOLE
SF	SQUARE FEET	CB	CATCH BASIN
AC	ACRES	TOF	TOP OF FOUNDATION
BIT	BITUMINOUS	FES	FLARED END SECTION
CONC	CONCRETE	TW	TOP OF WALL
FF	FINISH FLOOR	BW	BOTTOM OF WALL
DI	DUCTILE IRON	PVC	POLYVINYL CHLORIDE
RET	RETAINING	EOP	EDGE OF PAVEMENT
R	RADIUS	VGC	VERTICAL GRANITE CURB
L	LENGTH	TP	TOP OF PAVEMENT
S	SLOPE	HP	HIGH POINT
C/O	CLEANOUT	HDPE	HIGH DENSITY POLYETHYLENE
GAR	GARAGE	BSMT	BASEMENT

KEY NOTES

(NOT A CONSTRUCTION SEQUENCE)

1. INSTALL SEWER MANHOLE (TYP. OF 5)
2. INSTALL HYDRANT ASSEMBLY
3. INSTALL FLUSHING HYDRANT
4. PROPOSED WATER SERVICE (TYP.)
5. PROPOSED SEWER SERVICE (TYP.)
6. INSTALL STOP SIGN
7. STRIPE 12 INCHES WIDE, 3 FEET ON CENTER @ 45 DEGREES, WHITE, 2 COATS
8. STRIPE 4 INCHES WIDE, WHITE, 2 COATS (TYP.)
9. INSTALL HANDICAPP ACCESSIBLE ONLY PARKING SIGN (TYP. OF 2)
10. CONNECT TO EXISTING GAS MAIN PER KEYSPAN ENERGY DELIVERY REQUIREMENTS (SIZE, MATERIAL & LENGTH TO BE DETERMINED)
11. PROPOSED FIRE SERVICE (TYP.)
12. INSTALL GATE VALVE (TYP.)
13. PROPOSED GAS SERVICE (TYP.)
14. INSTALL 8" PVC SEWER MAIN
15. INSTALL 8" D.I. WATER MAIN
16. INSTALL UNDERGROUND COMMUNICATION LINES PER VERIZON REQUIREMENTS (SIZE, LENGTH & MATERIAL TO BE DETERMINED)
17. PROVIDE HANDRAIL ALONG TOP OF RETAINING WALL EXTENDING ONE TREAD LENGTH FROM BOTTOM OF STAIRS (BY OTHERS)
18. INSTALL WOOD GUARDRAIL
19. INSTALL DETECTABLE WARNING PANEL AT CROSSING OF TRAVELED WAY (SEE HANDICAP ACCESSIBLE RAMP DETAIL FOR SPECS)
20. INSTALL "COMPACT VEHICLE PARKING ONLY" SIGN (TYP. OF 5)
21. INSTALL UNDERGROUND ELECTRIC LINES PER TOWN OF GROTON REQUIREMENTS (SIZE, LENGTH & MATERIAL TO BE DETERMINED)
22. PROPOSED BOARDWALK (BY OTHERS)

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NO.	DATE	BY	APP.	REVISION DESCRIPTION

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SITE LAYOUT & UTILITIES PLAN

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SHIRLEY, MA 01464

DES. BY: MKB	DATE: JULY 2011	JOB 111007	C3.1
CHK. BY: DEM			

Section Four

ASTM Transaction Screen Assessment

By
ENSTRAT, Inc.
Strategic Environmental Services

ENSTRAT
STRATEGIC ENVIRONMENTAL SERVICES

March 25, 2011

Mr. Walter J. Dwyer, IV
Executive Vice President
North Middlesex Savings Bank
7 Main Street
Ayer, Massachusetts 01432

Mr. John Amaral
Omni Properties LLC
200 Baker Avenue, Suite 303
Concord, Massachusetts 01742

Subject: ASTM Transaction Screen
134 Main Street, Groton, Massachusetts

Dear Mr. Dwyer and Mr. Amaral:

In accordance with the contract dated March 17, 2011, ENSTRAT, Inc. (ENSTRAT) has completed an ASTM Transaction Screen Assessment of the subject property in Groton, Massachusetts (the Site). The activities conducted to complete this project are consistent with the American Society for Testing and Materials (ASTM) "E1528-06 Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process". This report has been prepared for the exclusive use of North Middlesex Savings Bank and Omni Properties LLC in accordance with the terms and conditions set forth in the contract and the Project Limitations in the Appendices. Other warranties are not expressed or implied.

The purpose of this Transaction Screen is to conduct a limited environmental due diligence investigation sufficient to identify Potential Environmental Concerns ("PECs") as defined in ASTM Standard Practice E1528-06 and consistent with the level of investigation set out in E1528-06. ASTM defines the term PECs as the possible presence of any hazardous substances or petroleum products on a property under conditions

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that indicate the possibility of an existing release, a past release, or a threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property.

The term PECs includes hazardous substances or petroleum products even under conditions in compliance with laws. (ASTM notes that "threat of release" is generally understood to be present when hazardous substances or petroleum products are poorly managed (for example in corroded tanks or damaged containers) but the release of the contaminants has not yet occurred, and there is an opportunity to take response action to prevent a release of the contaminants.) An evaluation of business environmental risk associated with a parcel of real estate may also necessitate investigation beyond that identified as part of E1528-06.

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The activities conducted included: 1) performing a Site reconnaissance including cursory observations of adjoining properties as feasible from the property line; 2) obtaining publicly available and practically reviewable information from the Fire Prevention Office and reviewing available Sanborn Fire Insurance maps or local street directories for the Site and adjoining properties; 3) reviewing state and federal environmental databases regarding usage and disposal of hazardous substances and petroleum products at the Site and surrounding properties; 4) completing the Transaction Screen Questionnaire; and 5) preparing this report. This assessment did not include an evaluation for the presence of lead paint, asbestos-containing materials (ACM), radon, mold, urea formaldehyde foam insulation (UFFI), septic system design issues (Title V), lead in drinking water, and wetland issues.

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This report is not intended to meet the requirements, purpose, and scope for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. 9601) and petroleum products. Furthermore, this report is not intended to permit the user to satisfy the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability (referred to as the "land-owner liability protections," or "LLPs"): that is, the practice that constitutes "all appropriate inquiry" (AAI), as defined at 42 U.S.C. 9601(35)(B). Additional activities are required as part of E1527-05 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process to meet the requirements for the practice of AAI, which have not been conducted herein.

ENSTRAT sent requests to the User, Client, Site occupant and/or representative for disclosure of information as required per the ASTM Standard. All information provided

by the User, Client, or Site occupant and/or representative in response to these requests is provided herein. ENSTRAT cannot provide representations or conclusions for the lack of information or any incomplete information that was provided to ENSTRAT in response to this request.

VISUAL EVALUATION

ENSTRAT conducted a visual evaluation of the Site on March 21, 2011. Weather conditions did not hinder the visual evaluation and access was obtained to all portions of the Site. Mr. John Amaral, Site client, provided access to the Site and Mr. Walter Dwyer, IV, Executive Vice President of North Middlesex Savings Bank (owner), completed the ASTM Transaction Screen Questionnaire.

The visual evaluation included a visual assessment for the presence of buildings; parking areas; electrical/hydraulic equipment or transformers which may contain polychlorinated biphenyls; monitoring wells; potable water supplies; usage, storage, or disposal of hazardous substances or petroleum products; unidentified substance containers or drums; aboveground storage tanks (ASTs) or underground storage tanks (USTs); significant stains, odors, pools of liquid, or stressed vegetation; rock outcrops; filling or excavations; ditches, pits, dry wells, ponds, or lagoons; catch basins, floor drains or sumps; septic systems; solid waste disposal; surface water bodies or wetlands; fences; easements; or high tension electric wires. Other than observations described in the Summary section, the previously listed items were not identified.

RECORDS REVIEW

ENSTRAT requested available records and information regarding past usage of the Site and adjoining properties from the Groton Fire Department. A Site plan illustrating the property boundaries of the Site was provided by Mr. John Amaral and was relied upon for this assessment. A copy of the Site plan with the boundaries (highlighted) is attached for reference. The scope of work herein does not include research to further identify the physical property boundaries of the Site.

ENSTRAT reviewed historical Sanborn Fire Insurance Atlases for the Site and surrounding area. ENSTRAT also obtained and reviewed an "Environmental FirstSearch™ Report" from *FirstSearch Technology Corporation* for the Site and surrounding properties within the ASTM protocol areas. A list of the environmental

databases reviewed and applicable protocol research areas are referenced in the Environmental FirstSearch™ Report (see Appendices).

Information regarding the use, storage, generation, disposal, or release of hazardous substances or petroleum products at properties adjoining or upgradient of the Site is significant as off-Site releases may pose a threat to soil or groundwater conditions at the Site. Off-Site properties were selected for inclusion in this report based upon the ASTM protocols and an estimated groundwater flow direction as inferred from the USGS topographic map. Groundwater in the vicinity of the Site appears to flow towards the northeast. Therefore, properties southwest of the Site are assumed to be situated upgradient.

SUMMARY

ENSTRAT has conducted a Transaction Screen Assessment of the property located at 134 Main Street in Groton, Massachusetts (the Site). After completing this project, the following information is presented.

- The Site is located on the northerly side of Main Street and is comprised of 4.2 acres of land (formerly listed by others as 5.5 acres). Three commercial buildings (with a total of 12,116 square feet) and a detached one-car garage improve the Site. Building #1 (Main Building) consists of two-stories and an unfinished basement; Building #2 consists of one and a half stories and is slab-on-grade; Building #3 consists of one-story and includes a dirt crawl space beneath the building; and the one-car garage is slab-on-grade. All of the buildings have been vacant since 2010 with exception of dry goods left behind from antiques sales in several of the buildings and one tenant, an antique restorer, located in Building #1. The buildings are heated by natural gas and Building #1 is serviced by the municipal water and sewerage systems. Buildings #2 and #3 are not connected to water and sewer services. The garage building is not connected to any utilities. Additionally, a wetland area is located on the northeastern portion of the Site.

- Based upon the Groton Assessor's Office, Building #1 was constructed in 1790, Building #2 was constructed in 1900 (however according to Sanborn Fire Insurance Maps (Sanborns) it appears to have been constructed after 1955), and Building #3 was constructed in 1986. Sanborns dated 1896, 1901, and 1906 depict Building #1 as a residence with an attached barn. Sanborn maps dated 1921, 1934, and 1955 depict

the current Site Building #1 and a detached auto building. According to Mr. Amaral, the Site buildings have been occupied by various retail businesses since the 1960s and 1970s.

- Available information and Site observations do not indicate the use, storage, release, generation, or disposal of hazardous substances or petroleum products at the Site, with the exception of approximately five, one-quart or less containers of oil-based stain located in the furniture restorer business within Building #1. The furniture restorer is a one-person operation, hand-restorer one piece of furniture at a time. Indications of large scale restoring operations or conditions that may indicate a threat of release were not observed.

- The Site is not listed by the Department of Environmental Protection as a location of an existing release or past release of hazardous substances or petroleum products. In addition, indications of an existing release, past release, or a threat of release at the Site or adjoining properties were not identified during the visual evaluation or documented at the Groton Fire Department. Lastly, available information and observations do not suggest that USTs have been or are presently located at the Site or adjoining properties. However, one abandoned 275-gallon, #2 fuel oil, AST and associated feed line and oil burner were observed in the basement of Building #1. Staining was not observed in the vicinity of the AST or boiler.

- The Site is located in a business-zoned area. Properties surrounding the Site include the Stagecoach Inn, retail businesses, residences, and a farm. Off-Site PECs were identified at several surrounding properties within ASTM protocol areas. However, based upon information obtained during the completion of this project, conditions at these surrounding properties are not expected to significantly affect soil, groundwater, or surface water at the Site.

CONCLUSIONS & RECOMMENDATIONS

ENSTRAT cannot provide representations concerning soil or groundwater quality at the Site considering the scope of this project did not include subsurface evaluation or laboratory analyses. However, based upon the research and observations outlined herein, on-Site and off-Site PECs that could affect the soil, groundwater, or surface water at the Site were not identified. As such, our findings do not warrant additional assessment activities at this time. However, the abandoned AST is required to be

removed to comply with Fire Marshall Regulations. The associated AST piping and the boiler should also be removed if they are not to be used in the future.

Please contact the undersigned if you have any questions regarding this report.

Sincerely,
ENSTRAT, Inc.

Thomas P. Luby, PG, LSP	David J. Thompson, PG, LSP	Stacy A. Paquette
Principal/Account Manager	Vice President	Environmental Scientist

Appendices:
- Figures
- Transaction Screen Questionnaire
- Project Limitations
- Environmental Database Information

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STRATEGIC ENVIRONMENTAL SERVICES

Figures

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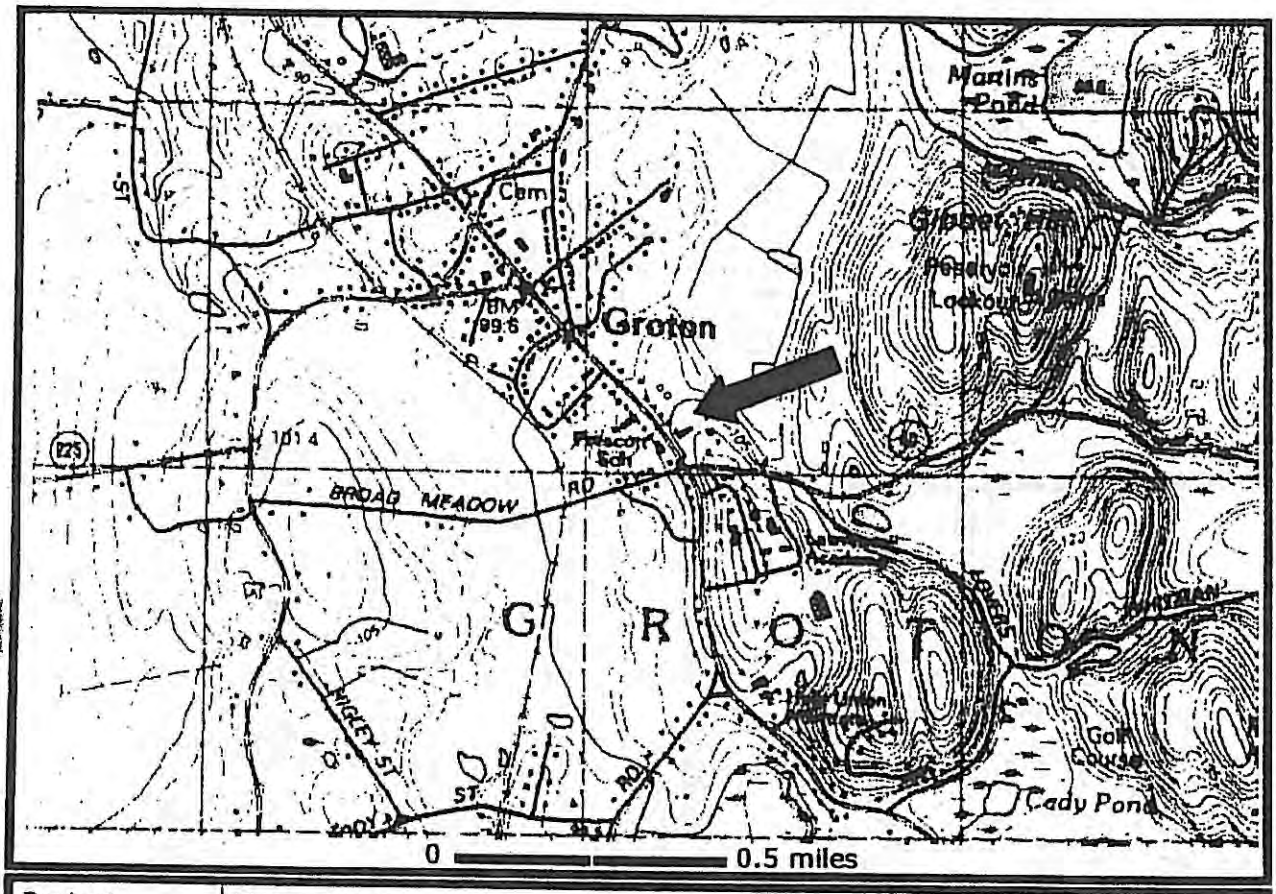
STRATEGIC ENVIRONMENTAL SERVICES



Project Number:	Property at:	North:	Map Date:
2011-43	134 Main Street Groton, Massachusetts	↑	1988
Figure Number:	**Coordinates:**	**Contour Interval:**	
1	42° 36' 23" N 71° 34' 08" W	3 Meters	
Figure Name:	**Source:**		
Site Location—USGS Map	**USGS Map** Ayer, Massachusetts **7.5 by 15 Min Quadrangle**		

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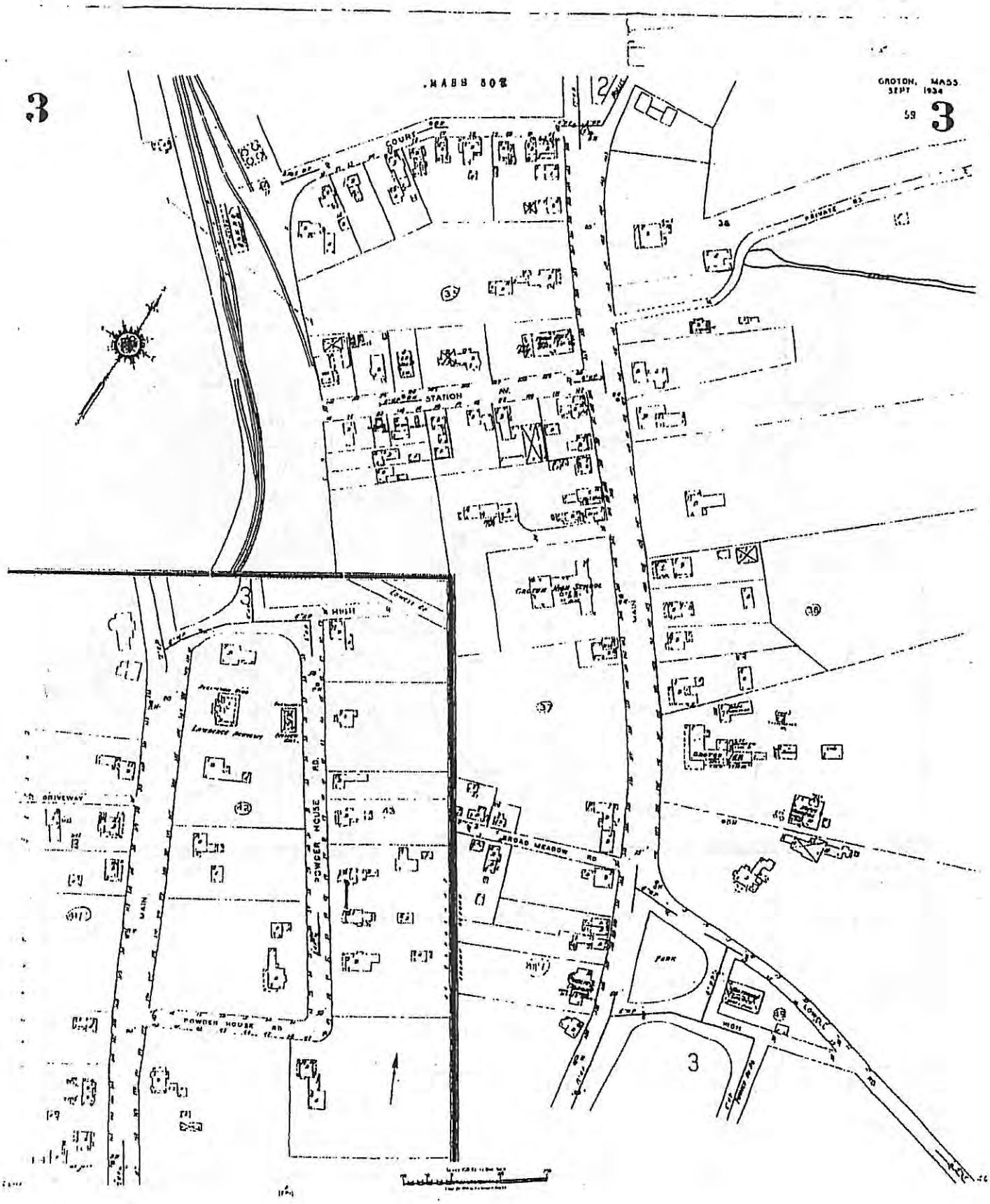
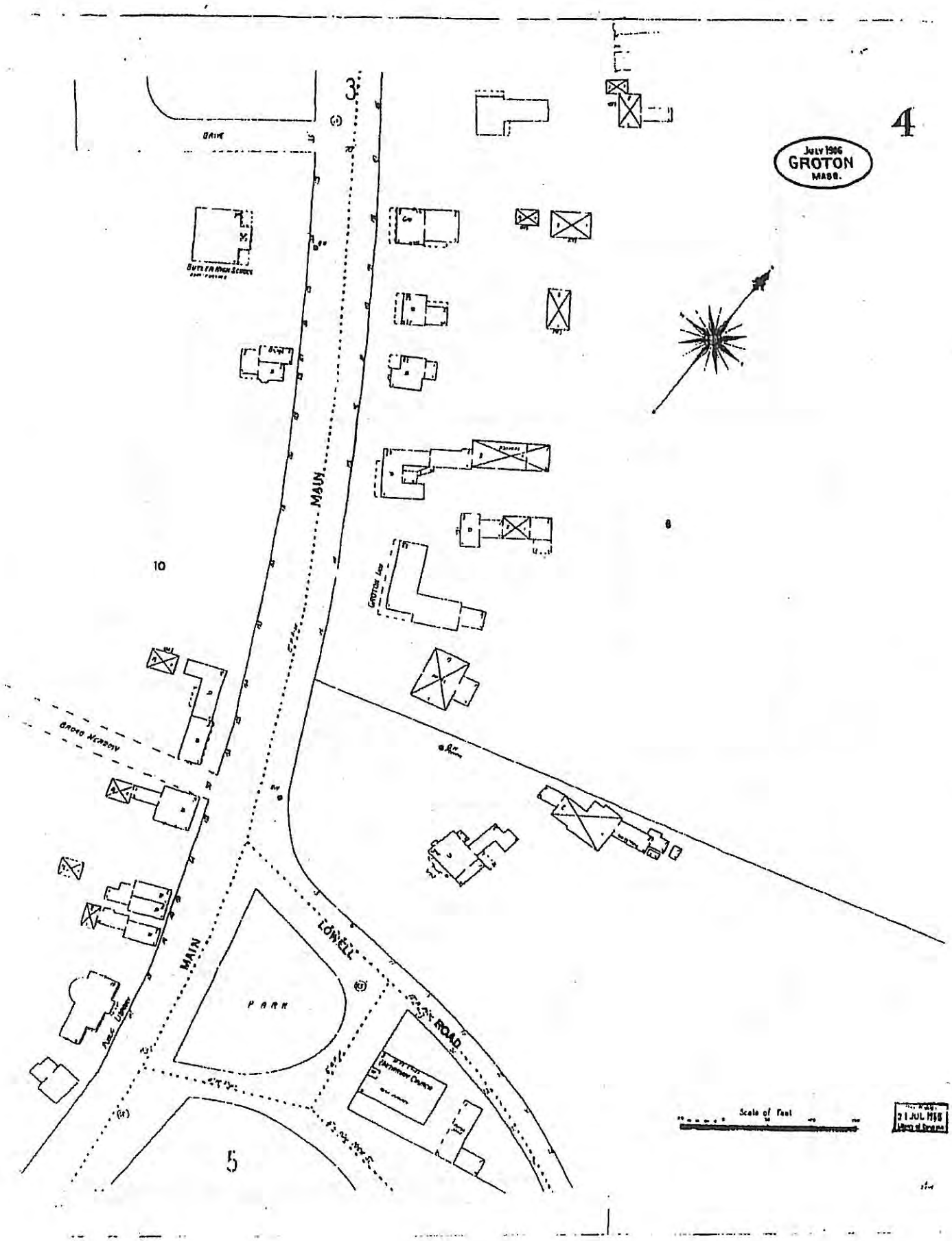
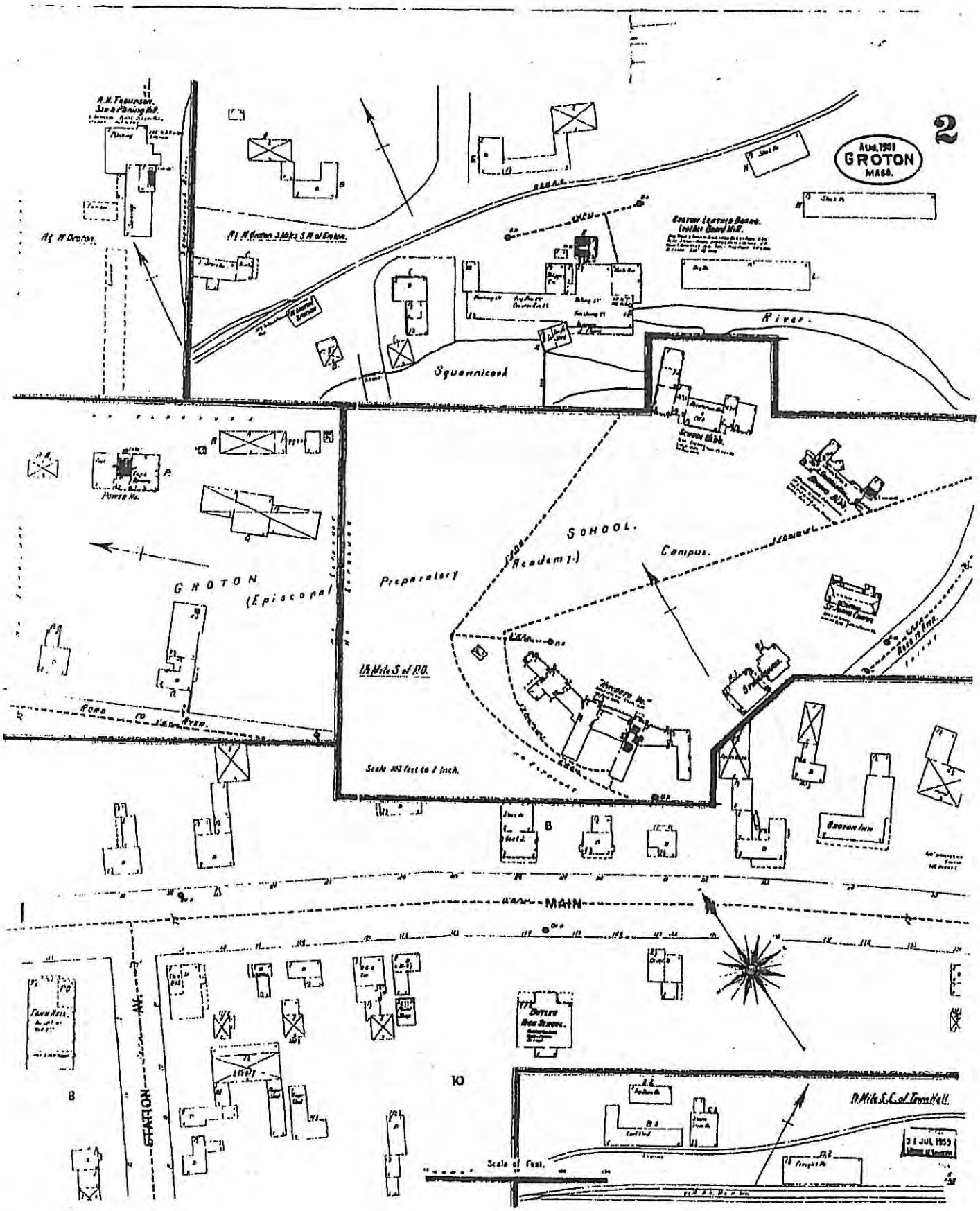

3
GROTON, MASS
SEPT 1934
3
COURT
STATION
MAIN
POWDER HOUSE RD.
BROAD MEADOW RD
PARK
LOWELL RD
3

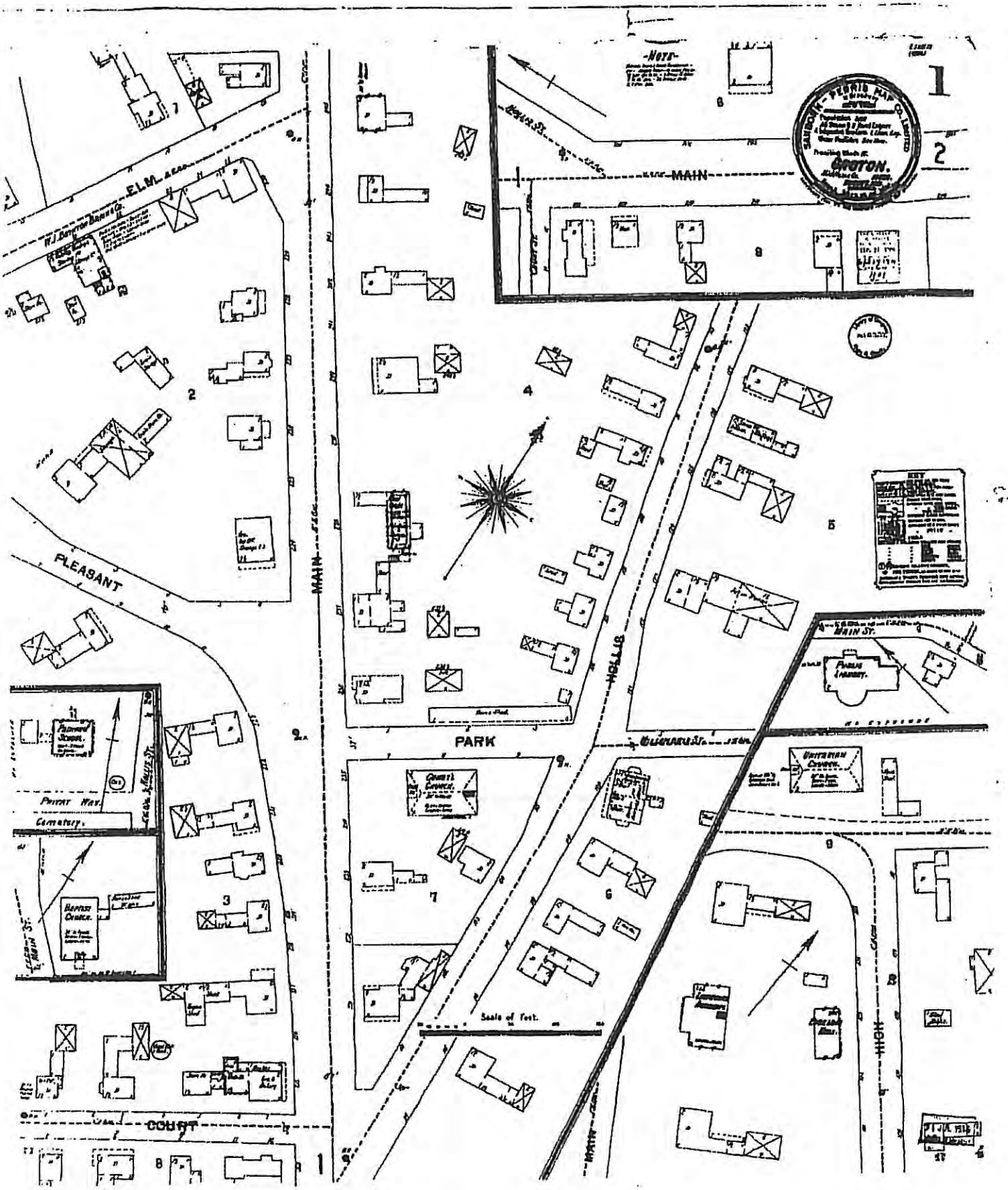
1934


4
JULY 1906
GROTON
MASS.
3
MAIN
MAIN
LOWELL
ROAD
PARK
10
8
5
Scale of Feet

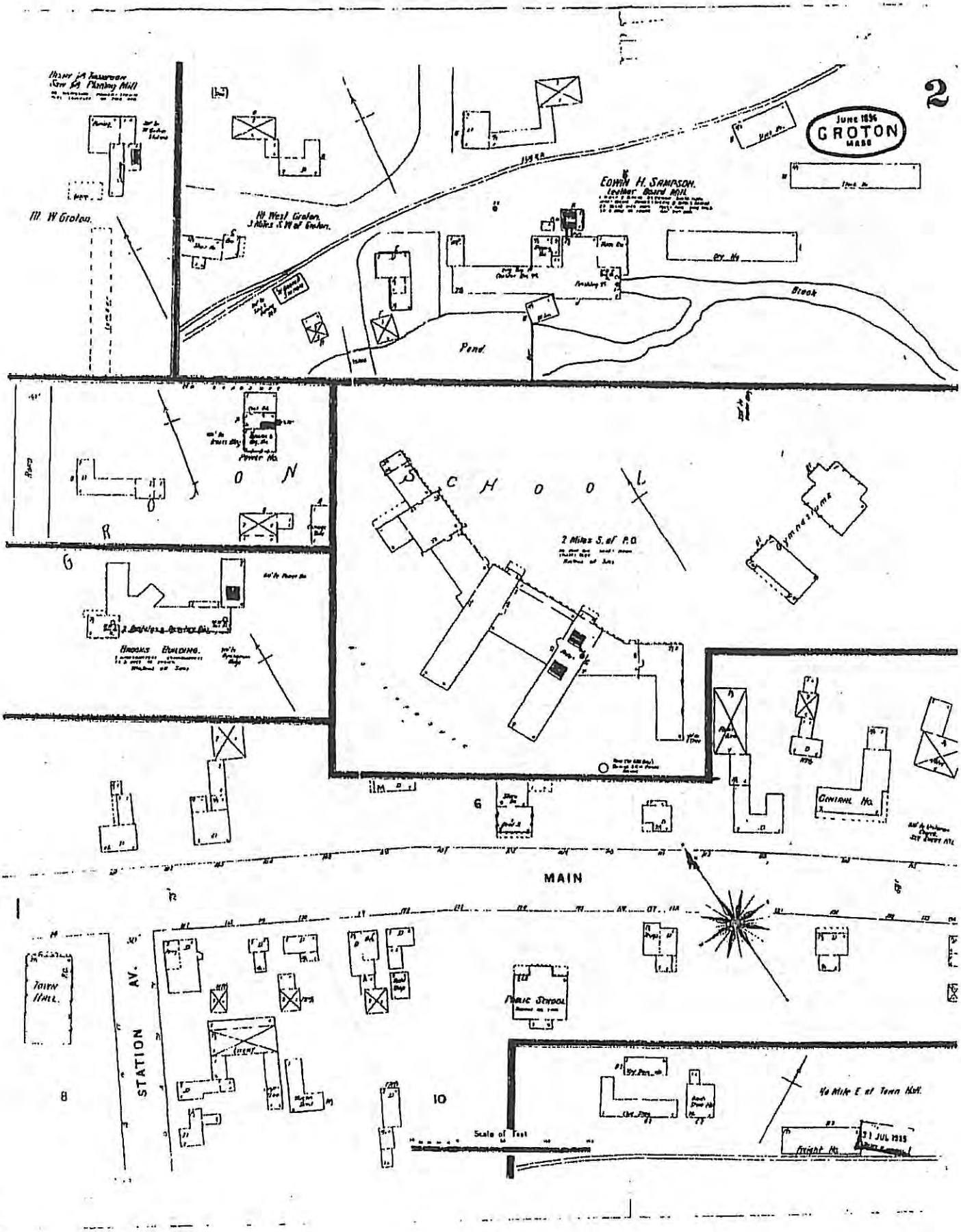
1906


2
GROTON
MASS.
River.
Squannicook
SCHOOL.
Campus.
Preparatory
(Episcopal
Academy.)
GROTON
1½ Mile S. of P.O.
Scale 100 feet to 1 inch.
MAIN
STATION
Scale of Feet.

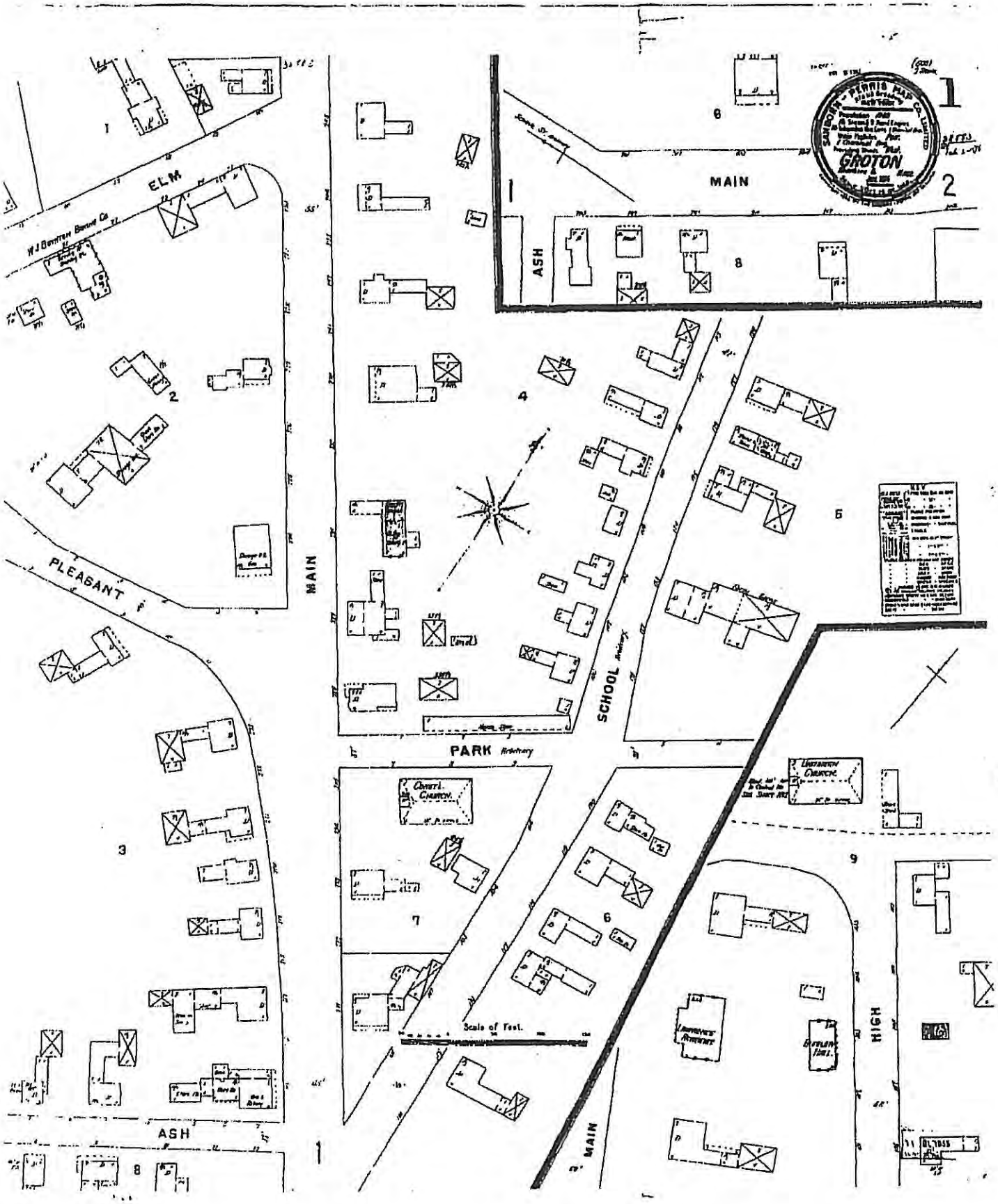
1901



1901


2
June 1896
GROTON
MASS
Edwin H. Sampson.
Leather Board Mill
Ill. W Groton.
Ill West Groton.
3 Miles S.W of Groton.
Pond
Brook
Power Ho.
Brooks Building.
2 Miles S. of P.O.
Gymnasium
Central Ho.
MAIN
STATION AV.
Town Hall.
Public School
Scale of Feet
Freight Ho.
31 JUL 1925

1896



1896

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Transaction Screen Questionnaire

5. Introduction to Transaction screen questionnaire

5.1 *Process*—The *transaction screen process* consists of asking questions contained within the *transaction screen questionnaire* of *owners* and *occupants* of the *property*, observing site conditions at the *property* with direction provided by the *transaction screen questionnaire*, and, to the extent *reasonably ascertainable*, conducting limited research regarding certain government records and certain standard historical sources. The questions asked of *owners* are the same questions as those asked of *occupants*.

5.2 *Guide*—The *transaction screen questionnaire* is followed by a guide designed to assist the person completing the *transaction screen questionnaire*. The guide to the *transaction screen questionnaire* is set out in Sections 7-10 of this practice. The guide is divided into three sections: Guide for Owner/Occupant Inquiry, Guide to Site Visit, and Guide to Government Records/Historical Sources Inquiry.

5.2.1 To assist the *user*, it employee or agent, or the *preparer* in preparing a report, the guide repeats each of the questions set out in the *transaction screen questionnaire* in both the guide for *owner/occupant* inquiry and the guide to *site visit*. The questions regarding government records/historical sources inquiry are also repeated in the guide to that section.

5.2.2 The guide also describes the procedure to be followed to determine if reliance upon the information in a prior *transaction screen* is appropriate under this practice.

5.2.3. A *user*, his employee or agent, or *preparer* conducting the *transaction screen process* should not use the *transaction screen questionnaire* without reference to or without familiarity with the guide based on prior use of the guide.

5.3 The *user* may either conduct the *transaction screen process*, or delegate it to an employee or agent or may contract with a third party to prepare the questionnaire on behalf of the *user*. No matter who prepares the questionnaire, the *user* remains responsible for the decision to conduct limited environmental *due diligence* and the impact of that decision on risk management.

5.4 The preparer conducting the *transaction screen process* should use good faith efforts in determining answers to the questions set forth in the *transaction screen questionnaire*. The *user* should take time and care to check whatever records are in the *user's* possession and forward relevant information or specialized knowledge to the *preparer*.

5.5 *Knowledge*—All answers should be given to the best of the *owner's* or *occupant's* knowledge. The most knowledgeable person available should be chosen to answer the questions.

5.5.1 While the person conducting the *transaction screen* has an obligation to ask the questions in the *transaction screen questionnaire*, other may have no obligation to answer them.

5.5.2 The *transaction screen questionnaire* and the *transaction screen* guide sometimes include the phrase "to the best of your knowledge." This phrase does not impose a constructive knowledge standard. It is

intended as an assurance to the person being questioned that he or she is not obligated to search out information he or she does not currently have in order to answer the particular question.

5.6 *Conclusions Regarding Affirmation or Unknown Answers* — Once a *transaction screen questionnaire* has been completed, it shall be presented to the *user*. Subject to 5.6 through 5.7, an affirmative, unknown, or no response is presumed to be a *potential environmental concern*. If any of the questions set forth in the *transaction screen questionnaire* are answered in the affirmative, the *preparer* must document the reason for the affirmative answer. If any of the questions are not answered or the answer is unknown, the *user* should document such nonresponse or answer of unknown and evaluate it in light of the other information obtained in the *transaction screen process*, including, in particular, the *site visit* and the government records/historical sources inquiry. If the *user* decides no further inquiry is warranted after receiving no response, an answer of unknown, or an affirmative answer, the *user* must document the reasons for any such conclusion.

5.6.1 Upon obtaining an affirmative answer, an answer of unknown or no response, the *user* should first refer to the guide. The guide may provide sufficient explanation to allow a *user* to conclude that no further inquiry is appropriate with respect to the particular question.

5.6.2 If the guide to a particular question does not, in itself, permit a *user* to conclude that no further inquiry is appropriate, then the *user* should consider other information obtained from the *transaction screen process* relating to this question. For example, while on the site performing a *site visit*, a person may find a storage tank on the *property* and therefore answer Question 10 of the *transaction screen questionnaire* in the affirmative. However, during or subsequent to the *owner/occupant* inquiry, the *owner* may establish that substances now or historically contained in the tank (for example, water) are not likely to cause contamination.

5.6.3 If either the guide to the question or other information obtained during the *transaction screen process* does not permit a *user* to conclude no further inquiry is appropriate with respect to such question, then the *user* must determine, in the exercise of the *user*'s reasonable business judgment, based upon the totality of unresolved affirmative answers or answers of unknown received during the *transaction screen process*, whether further inquiry may be limited to those specific issues identified as of concern.

5.7 *Presumption* — A presumption exists that further inquiry is necessary if an affirmative answer is given to a question or because the answer was unknown or no response was given. In rebutting this presumption, the *user* should evaluate information obtained from each component of the *transaction screen process* and consider whether sufficient information has been obtained conclude that no further inquiry is necessary. The *user* must determine, in the exercise of the *user*'s reasonable business judgment, the scope of such further inquiry.

5.8 *Further Inquiry* — Upon completing the *transaction screen questionnaire*, if the *user* concludes that further inquiry or action is needed (for example, consult with an environmental consultant, contractor, governmental authority, or perform additional governmental and/or historical records review), the *user* should proceed with such inquiry. (Note that if the *user* determines to proceed with a Phase I Environmental Site Assessment, the *user* may apply the current Practice E 1527 or alternatively the provisions of

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EPA's regulation "Standards and Practices for ALL Appropriate Inquiries", 40 C.F.R. Part 312.

5.9 *Signature*—The *user* and the *preparer* of the *transaction screen questionnaire* must complete and sign the questionnaire as provided at the end of the questionnaire.

The following questions should be asked of (1) the current owner of the *property*, (2) any major occupant of the *property* or, if the *property* does not have any major occupants, at least 10% of the occupants of the *property*, and (3) in addition to the current owner and the occupants identified in (2), any occupant likely to be using, treating, generating, storing, or disposing of hazardous substances or petroleum products on or from the *property*. A major occupant is any occupant using at least 40% of the leasable area of the *property* or any anchor tenant when the *property* is a shopping center. In a multifamily *property* containing both residential and commercial uses, the preparer does not need to ask questions of the residential occupants. The preparer should ask each person to answer all questions to the best of the respondent's actual knowledge and in good faith. When completing the site visit column, the preparer should be sure to observe the *property* and any buildings and other structures on the *property*. The guide to this transaction screen questionnaire (see Sections 7-10) provides further details on the appropriate use of this questionnaire. For each question select the check box for *yes, no, unknown (Unk)*, or *no response (NR)* column. For any and all *yes* responses, provide description and further details in the summary report.

Description of Site

Street Address:
Town, State, Zip Code:

Additional Description:

Question	Owner				Occupants (if applicable)				Observed During Site Visit	
	Yes	No	Unk	NR	Yes	No	Unk	NR	Yes	No
1a. Is the *property* used for an industrial use?	☐	☒	☐	☐	☐	☐	☐	☐	☐	☑
1b. Is any *adjoining property* used for an industrial use?	☐	☒	☐	☐	☐	☐	☐	☐	☐	☑
2a. Did you observe evidence or do you have any prior knowledge that the *property* has been used for an industrial use in the past?	☐	☒	☐	☐	☐	☐	☐	☐	☐	☑

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Question	Owner				Occupants (if applicable)				Observed During Site Visit	
	Yes	No	Unk	NR	Yes	No	Unk	NR	Yes	No
2b. Did you observe evidence or do you have any prior knowledge that any *adjoining property* has been used for an industrial use in the past?	☐	☒	☐	☐	☐	☐	☐	☐	☐	☑
3a. Is the *property* used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable identify (underline) which apply)?	☐	☒	☐	☐	☐	☐	☐	☐	☐	☑
3b. Is any *adjoining property* used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable identify (underline) which apply)?	☐	☒	☐	☐	☐	☐	☐	☐	☐	☑
4a. Did you observe evidence or do you have any prior knowledge that the *property* has been used as a gasoline station, motor repair facility, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable identify (underline) which apply)?	☐	☒	☐	☐	☐	☐	☐	☐	☐	☑
4b. Did you observe evidence or do you have any prior knowledge that any *adjoining property* has been used as a gasoline station, motor repair facility, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable identify (underline) which apply)?	☐	☒	☐	☐	☐	☐	☐	☐	☐	☑
5a. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in aggregate, stored on or used at the *property* or at the facility?	☐	☐	☒	☐	☐	☐	☐	☐	☐	☑
5b. Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in aggregate, stored on or used at the *property* or at the facility?	☐	☐	☒	☐	☐	☐	☐	☐	☐	☑
6a. Are there currently any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the *property* or at the facility?	☐	☐	☒	☐	☐	☐	☐	☐	☐	☑

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Question	Owner				Occupants (if applicable)				Observed During Site Visit		
	Yes	No	Unk	NR	Yes	No	Unk	NR	Yes	No	
6b. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the *property* or at the facility?	☐	☐	☒	☐	☐	☐	☐	☐	☐	☑	
7a. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the *property* that originated from a contaminated site?	☐	☒	☒	☐	☐	☐	☐	☐	☐	☑	
7b. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the *property* that is of an unknown origin?	☐	☒	☐	☐	☐	☐	☐	☐	☐	☑	
8a. Are there currently any pits, ponds, or lagoons located on the *property* in connection with waste treatment or waste disposal?	☐	☒	☐	☐	☐	☐	☐	☐	☐	☑	
8b. Did you observe evidence or do you have prior knowledge that there have been previously, any pits, ponds, or lagoons located on the *property* in connection with waste treatment or waste disposal?	☐	☒	☐	☐	☐	☐	☐	☐	☐	☑	
9a. Is there currently any stained soil on the *property*?	☐	☐	☒	☐	☐	☐	☐	☐	☐	☑	
9b. Did you observe evidence or do you have prior knowledge that there have been previously, any stained soil on the *property*?	☐	☒	☐	☐	☐	☐	☐	☐	☐	☑	
10a. Are there currently any registered or unregistered storage tanks (above or underground) located on the *property*?	☐	☐	☒	☐	☐	☐	☐	☐	☐	☑	
10b. Did you observe evidence or do you have prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the *property*?	☐	☒	☐	☐	☐	☐	☐	☐	☑	☒	1 275 gallon AST #2 F.O. in bldg #1 Basement (abandoned)
11a. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the *property* or adjacent to any structure located on the *property*?	☐	☐	☒	☐	☐	☐	☐	☐	☐	☑	

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Question	Owner				Occupants (if applicable)				Observed During Site Visit	
	Yes	No	Unk	NR	Yes	No	Unk	NR	Yes	No
11b. Did you observe evidence or do you have prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the *property* or adjacent to any structure located on the *property*?	☐	☒	☐	☐	☐	☐	☐	☐	☐	☑
12a. Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the *property*?	☐	☐	☒	☐	☐	☐	☐	☐	☐	☑
12b. Did you observe evidence or do you have prior knowledge that there have been previously any leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the *property*?	☐	☒	☐	☐	☐	☐	☐	☐	☐	☑
13a. If the *property* is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?	☐	☐	☒	☐	☐	☐	☐	☐	☐	☑
13b. If the *property* is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any governmental environmental/health agency?	☐	☐	☒	☐	☐	☐	☐	☐	☐	☑
14. Does the owner or occupant of the *property* have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the *property* or any facility located on the *property*?	☐	☒	☐	☐	☐	☐	☐	☐	N/A	N/A
15a. Has the owner or occupant of the *property* been informed of the past existence of hazardous substances or petroleum products with respect to the *property* or any facility located on the *property*?	☐	☒	☐	☐	☐	☐	☐	☐	N/A	N/A
15b. Has the owner or occupant of the *property* been informed of the current existence of hazardous substances or petroleum products with respect to the *property* or any facility located on the *property*?	☐	☒	☐	☐	☐	☐	☐	☐	N/A	N/A

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Question	Owner				Occupants (if applicable)				Observed During Site Visit	
	Yes	No	Unk	NR	Yes	No	Unk	NR	Yes	No
15c. Has the owner or occupant of the *property* been informed of the past existence of environmental violations with respect to the *property* or any facility located on the *property*?	☐	☒	☐	☐	☐	☐	☐	☐	N/A	N/A
15d. Has the owner or occupant of the *property* been informed of the current existence of environmental violations with respect to the *property* or any facility located on the *property*?	☐	☒	☐	☐	☐	☐	☐	☐	N/A	N/A
16. Does the owner or occupant of the *property* have any knowledge or any environmental site assessment of the *property* or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the *property* or recommended further assessment of the *property*?	☐	☒	☐	☐	☐	☐	☐	☐	N/A	N/A
17. Does the owner or occupant of the *property* know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the *property* by any owner or occupant of the *property*?	☐	☒	☐	☐	☐	☐	☐	☐	N/A	N/A
18a. Does the *property* discharge waste-water (not including sanitary waste or storm water) onto or adjacent to the *property* and/or into a storm water system?	☐	☐	☒	☐	☐	☐	☐	☐	☐	☑
18b. Does the *property* discharge waste-water (not including sanitary waste or storm water) onto or adjacent to the *property* and/or into a sanitary sewer system?	☐	☐	☒	☐	☐	☐	☐	☐	☐	☑
19. Did you observed evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the *property*?	☐	☒	☐	☐	☐	☐	☐	☐	☐	☑
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?	☐	☐	☒	☐	☐	☐	☐	☐	☐	☑

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21. Do any of the following federal, state, or tribal governmental record systems list the property or any property within the search distance noted below (where available)?

Record System	Approximate Minimum Search Distance, miles	Yes	No
Federal NPL site list	1.0	☐	☑
Federal Delisted NPL site list	0.5	☐	☑
Federal CERCLIS list	0.5	☐	☑
Federal CERCLIS NFRAP site list	0.5	☐	☑
Federal RCRA CORRACTS facilities list	1.0	☐	☑
Federal RCRA non-CORRACTS TSD Facilities list	0.5	☐	☑
Federal RCRA generators list	property and adjoining properties	☐	☑
Federal Institutional control/engineering control registries	property only	☐	☑
Federal ERNS list	property only	☐	☑
State and tribal lists of hazardous waste sites identified for investigation or remediation:		☑	☐
State-and tribal-equivalent NPL	1.0	☐	☑
State-and tribal-equivalent CERCLIS	0.5	☐	☑
State-and tribal-landfill and/or solid waste disposal site lists	0.5	☐	☑
State-and tribal-leaking storage tanks lists	0.5	☐	☐ N/A
State and tribal registered storage tank lists	property and adjoining properties	☐	☑
State and tribal institutional contol/engineering control registries	property only	☐	☑
State and tribal voluntary cleanup sites	0.5	☐	☑
State and tribal Brownfield sites	0.5	☐	☑

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22. Based upon a review of fire insurance maps (10.2.3) or local street directories (10.2.3), all as specified in the guide, are any buildings or other improvements on the property or on any adjoining property identified as having been used for an industrial use or uses likely to lead to contamination of the property (if yes, describe results in report)?

Yes ☐ No ☐

The Owner questionnaire answers were provided/ completed by:

Name WALTER DWYER
Title EVP
Firm NORTH MIDDLESEX SAVINGS BANK
Address MAIN ST. AYER, MA

Phone number 978-772-3306
Title
Firm
Date
Role(s) at the Site
Number of years at the Site
Relationship to user (for example, principal, employee, agent, consultant)

The Occupant questionnaire answers were provided by:

Name
Address
Phone number
Date
Role(s) at the Site
Number of years at the Site
Relationship to user (for example, principal, employee, agent, consultant)

The Site Visit questionnaire was completed by:

Name STACY PARLETTE
Title ENVIRONMENTAL SCIENTIST
Firm ENSTRAT
Address 28 LORD Rd, SUITE 205, MARLBORO, MA 01752

Phone number 508-460-6100
Date 3/22/11
Relationship to Site
Number of years at the Site
Relationship to user (for example, principal, employee, agent, consultant)

Contractor

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Preparer represents that to the best of preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's actual knowledge no material facts have been suppressed or misstated.

Owner's Signature: [illegible] EVP Walter J. Dwyer, IV

Date: 3/21/11

Occupant's Signature: _____

Date: _____

Signature of Person Conducting Site Visit: Stacy A Pagnotto

Date: 3/22/11

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Project Limitations

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PROJECT LIMITATIONS

1. This report assessed physical characteristics in regards to the presence of specific hazardous substances or petroleum products in the environment. Compliance of past or present owners or operators with any federal, state, or local laws and regulations was not verified.
2. Observations described in this assessment were made under the conditions stated within this report. The conclusions presented were based solely upon the services described and not upon scientific procedures which were beyond the scope of this assessment or the budgetary and time constraints imposed by the Client. Where access to portions of the Site were unavailable, limited, or obscured by ground cover conditions, such as snow, ice, or other obstructions, ENSTRAT, Inc. renders no opinion as to the presence of oil or hazardous materials in these areas. ENSTRAT, Inc. reserves the right to modify the conclusions of this report should further information become available.
3. Certain information provided by state and local officials, as well as other parties herein referenced, was used to develop this report. The accuracy or completeness of the information provided by these sources was not independently verified.
4. Present and past ownership information may have been obtained through a review of a land title records provided to ENSTRAT, Inc. by others. Ownership deed searches conducted by ENSTRAT, Inc. personnel do not constitute a certified title search or include extensive research for information concerning pending litigation and court orders imposing limits on usage of the Site.
5. Groundwater flow may have been estimated from a review of the USGS topographic map that includes the Site. However, ground-water flow directions interpreted from this source are only meant to be a regional estimate and should not be confused with a Site specific estimate that requires installing and surveying monitoring wells at the Site.
6. Variations in types and concentrations of contaminants and fluctuations in their flow paths may occur due to seasonal water table changes, past disposal practices, time, and other factors. Contaminant concentrations and groundwater-level measurements detected in test pits, borings, and observation wells were made at the time and under the conditions cited in the report. In the event additional chemical data becomes available, the conclusions and recommendations of this report may need modification.
7. Some elements of this report may be based on preliminary "screening" data obtained in the field. A quantitative analysis may be required in the event more specific information is necessary to evaluate conditions.
8. Some projects may contain conclusions based upon data obtained from a limited number of soil and water samples taken from widely - spaced subsurface explorations. The nature and extent of variations in the soil and water between these explorations may not become evident until further exploration is completed. Should variations or other latent conditions appear evident, a reevaluation of the conclusions and recommendations may be required.
9. No other quantitative laboratory testing was performed other than that specified in the report. Where an outside laboratory has conducted such analyses, an independent evaluation to ascertain the reliability of this data has not been conducted.
10. Testing and analysis to determine the presence or concentration of asbestos-containing materials, radon, mold, lead paint, and UFFI were not within the scope of this assessment and were not conducted unless specifically included in scope of services. Air quality sampling, property boundary surveys, evaluation of septic system compliance, and PCB analyses were not conducted as part of this project.
11. Chemical analyses were performed for specific constituents only as cited in this report and were based upon the information available at the time of this study. Chemical constituents not cited and outside the scope of this assessment may be present in the soil, ground water or surface water.
12. The direction of groundwater flow in bedrock fractures and joints is not reliably estimated from surface topography. Therefore, the impact of oil or hazardous materials on the Site from abutting and surrounding properties via bedrock fractures cannot be evaluated without the installation of deep bedrock monitoring wells.
13. Reports and other materials resulting from ENSTRAT, Inc.'s efforts on this project and Site are not intended or represented to be suitable for reuse by the Client or others on extensions or modifications of this project or for any other projects or sites. Such reuse by the Client or others, without the adaptation of ENSTRAT, Inc. for the specific purpose intended, shall be at the user's sole risk, without liability on the part of ENSTRAT, Inc. Copies of this report will not be provided by ENSTRAT, Inc. to any other party unless required by law.
14. This report is not compliant with and is not intended to be compliant with All Appropriate Inquiry (AAI) under ASTM 1527-05, and should not be relied upon as such.

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Environmental Database Information

Environmental FirstSearch
Sites Summary Report

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

TAL: 52 **GEOCODED:** 21 **NON GEOCODED:** 31 **SELECTED:** 15

ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	STATE	IN FRONT OF FMR WILSON TEXECO 2-0015403/URAM	318 MAIN ST GROTON MA	0.71 NW	-32	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

TOTAL: 52 **GEOCODED:** 21 **NON GEOCODED:** 31 **SELECTED:** 15

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	RCRAGN	CANNER INC DBA CARVERS GUILD MV9784483063/VQG-MA	CANNERY ROW GROTON MA 01450	NON GC	N/A	N/A
	RCRAGN	GROTON TOWN OF MAR000501726/SGN	BROOK RD GROTON MA 01450	NON GC	N/A	N/A
	RCRANLR	GRO LEX INC MAD001052612/NLR	CHICOPEE ROW GROTON MA 01450	NON GC	N/A	N/A
	ERNS	LOST LAKE BEACH NRC-950786/FIXED	LOST LAKE BEACH GROTON MA	NON GC	N/A	N/A
	ERNS	REFRIGERATION ENGINEERING 647889/FIXED FACILITY	LAWRENCE ACADEMY GROTON MA	NON GC	N/A	N/A
	ERNS	US NAVY 180561/HIGHWAY RELATED	71 ARROW WOOD DR GROTON MA 01450	NON GC	N/A	N/A
	ERNS	D21112/FIX FAC	111 WEST ST GROTON MA 01450	NON GC	N/A	N/A
	NPDES	THOMPSON MILL POND DREDGING GROTON MAG070162/MINOR	UNKNOWN GROTON MA 01450	NON GC	N/A	N/A
	STATE	FAMILY DENTAL CENTER 2-0012305/DEF TIER 1B	HOLLLIS ST GROTON MA 01450	NON GC	N/A	N/A
	SPILLS	BUILDING AND GROUNDS FACILITY 2-0014173/RAD	FARMERS ROW GROTON MA 01450	NON GC	N/A	N/A
	SPILLS	FAMILY DENTAL CENTER 2-0012305/RETRACTED	HOLLLIS ST GROTON MA 01450	NON GC	N/A	N/A
	SPILLS	FORMER CAMPUS DISPOSAL AREA 2-0017736/TIERII	FARMERS ROW-EAST SIDE GROTON MA 01450	NON GC	N/A	N/A
	SPILLS	GROTON DPW FACILITY 2-0017828/UNCLSS	500 COW POND BROOK RD GROTON MA	NON GC	N/A	N/A
	SPILLS80	ABANDONED DRUM C88-0398/CLOSED	NEAR DUNSTABLE & TYNGSBORO GROTON MA 01450	NON GC	N/A	N/A
	SPILLS80	BERMAN C88-0530/CLOSED	29 BAYLOR RD GROTON MA 01450	NON GC	N/A	N/A
	SPILLS80	GROTON ELECTRIC LIGHT PLANT C88-0391/CLOSED	UNKNOWN GROTON MA 01450	NON GC	N/A	N/A
	SPILLS80	MERCHAND OIL CO C85-0056/CLOSED	LANDFILL OFF RTE RD GROTON MA 01450	NON GC	N/A	N/A
	SPILLS80	PICKUP TRUCK IN POND C85-0016/CLOSED	LOST LAKE, NEAR GROTON HEI GROTON MA 01450	NON GC	N/A	N/A
	SPILLS80	POLE #99 C88-0371/CLOSED	MAIN ST GROTON MA 01450	NON GC	N/A	N/A
	SPILLS80	PRINTED PRODUCTS INC C85-0030/CLOSED	GROTON POLICE & DPW GROTON MA 01450	NON GC	N/A	N/A

Sites Summary Report

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

AL: 52 **GEOCODED:** 21 **NON GEOCODED:** 31 **SELECTED:** 15

ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS80	RAIL ROAD RIGHT OF WAY C89-0097/CLOSED	NEAR PLEASANT ST GROTON MA 01450	NON GC	N/A	N/A
	SPILLS80	TRAIL OF OIL ON ROAD C86-0105/CLOSED	RTE 111 GROTON MA 01450	NON GC	N/A	N/A
	SPILLS80	C88-0271/CLOSED	TOWNSEND RD GROTON MA 01450	NON GC	N/A	N/A
	SPILLS80	C88-0364/CLOSED	BETWEEN FITCH BRIDGE & RTE GROTON MA 01450	NON GC	N/A	N/A
	SPILLS80	C88-0001/CLOSED	GROTON POND GROTON MA 01450	NON GC	N/A	N/A
	SPILLS80	C88-0347/CLOSED	UNKNOWN GROTON MA 01450	NON GC	N/A	N/A
	SWL	UNCONFIRMED SITE EP0115 003/INACTIVE	RTE 225/SQUANNACOCK ROAD GROTON MA	NON GC	N/A	N/A
	UST	TOWN OF GROTON HIGHWAY DEPT 0-009613/IN USE	500 COW POND BROOK RD GROTON MA 01450	NON GC	N/A	N/A
	LUST	GROTON DPW FACILITY 2-0017828/UNCLSS	500 COW POND BROOK RD GROTON MA	NON GC	N/A	N/A
	PADS	GROTON ELEC DEPT MAD985278514/PCB ACTIVITY	LOWELL RD GROTON MA 01450	NON GC	N/A	N/A
	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTACT 1 BIA-01450	UNKNOWN MA 01450	NON GC	N/A	N/A

Site Detail Report

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

SPILLS

SEARCH ID: 11 **DIST/DIR:** 0.01 NW **ELEVATION:** 349 **MAP ID:** 1

NAME: CUMBERLAND PLAZA
ADDRESS: 129 MAIN ST
GROTON MA
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 1/18/11
ID1: 2-0012402
ID2:
STATUS: RAO
PHONE:

SITE INFORMATION

STATUS: RAO - (Response Action Outcome), a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.

LOCATION TYPE:
SOURCE:
SITE DESCRIPTION:

CHEMICALS

TPH 373 PPM

SITE ACTIONS

LSP INVOLVED: JEFFREY CURTIS

ACT DATE: 9/11/1998
ACT USE LIMITATION:
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E
ACT TYPE: RELEASE NOTIFICATION
RAO CLASS: B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS

ACT DATE: 9/11/1998
ACT USE LIMITATION:
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E
ACT TYPE: RELEASE DISPOSITION
RAO CLASS: B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS

ACT DATE: 9/11/1998
ACT USE LIMITATION:
ACT STATUS: RAO STATEMENT RECEIVED
ACT TYPE: RESPONSE ACTION OUTCOME - RAO
RAO CLASS: B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS

RCRAGN

SEARCH ID: 2 **DIST/DIR:** 0.02 NW **ELEVATION:** 347 **MAP ID:** 2

NAME: TIP-TOWING
ADDRESS: 137 MAIN ST
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 2/1/10
ID1: MV978448690J
ID2: MA HAZ WASTE GENERATOR
STATUS: VQG-MA
PHONE:

SITE INFORMATION

MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION, BUREAU OF WASTE PREVENTION - HAZARDOUS WASTE GENERATOR

VQG-MA - Very Small Quantity Generator of hazardous waste or waste oil (Less than 220 pounds or 27 gallons/month)

SQN-MA - Small Quantity Generator of waste oil (220 to 2,200 ponds or 27 to 270 gallons/month)

VSQG-FED - very small quantity generator - generates between 0-220 lbs/mo and no acutely hazardous waste, and < 2,200 lbs (250 gals) accumulated on-site (from RCRA)

SQG-FED - small quantity generator - generates between 220-2,200 lbs/mo or 0-2.2 lbs/mo acutely hazardous waste; and not > 13,200 lbs (1500 gals) accumulated on-site (from RCRA)

LQG-FED - large quantity generator - generates > 2,200 lbs/mo or > 2.2 lbs/mo of acutely hazardous waste (from RCRA)

Environmental FirstSearch
Site Detail Report

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

ERNS

SEARCH ID: 3 **DIST/DIR:** 0.02 NW **ELEVATION:** 347 **MAP ID:** 3

NAME:
ADDRESS: 128 MAIN BLDG 2 APT-4 ST
GROTTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: NRC

REV: 12/31/06
ID1: NRC-797018
ID2:
STATUS: FIXED
PHONE:

SITE INFORMATION

THIS INFORMATION WAS OBTAINED FROM THE NATIONAL RESPONSE CENTER

DATE RECEIVED: 5/12/2006 4:38:18 PM DATE COMPLETE: 5/12/2006 4:44:10 PM
CALL TAKER: CALL TYPE: INC

RESPONSIBLE PARTY:
PHONE #1:
PHONE #2:
PHONE #3:

RESPONSIBLE COMPANY:
ORGANIZATION TYPE: PRIVATE ENTERPRISE

ADDRESS:
GROTTON MA

SOURCE: TELEPHONE

INCIDENT INFORMATION

INCIDENT DESCRIPTION: CALLER STATED THAT TOXIC MATERIAL BEING RELEASING INTO THE BUILDING DUE TO UNKNOWN CAUSES

INCIDENT TYPE: FIXED INCIDENT CAUSE: OPERATOR ERROR
INCIDENT DATE: 5/12/2006 4:41:00 PM INCIDENT DATE DESC: OCCURRED
DISTANCE FROM CITY: DISTANCE UNITS:
DIRECTION FROM CITY: LOCATION SECTION:
LOCATION TOWNSHIP: LOCATION RANGE:

AIRCRAFT TYPE: AIRCRAFT MODEL:
AIRCRAFT ID: AIRCRAFT FUEL CAPACITY:
AIRCRAFT FUEL CAPACITY UNITS: AIRCRAFT FUEL ON BOARD:
AIRCRAFT FUEL ON BOARD UNITS: AIRCRAFT SPOT NUMBER:
AIRCRAFT HANGER: AIRCRAFT RUNWAY NUM:
ROAD MILE MARKER: BUILDING ID:
TYPE OF FIXED OBJECT: OTHER POWER GEN FACILITY: NO
GENERATING CAPACITY: TYPE OF FUEL:
NPDES: NPDES COMPLIANCE: UNKNOWN
PIPELINE TYPE: DOT REGULATED: UNKNOWN
PIPELINE ABOVE GROUND: ABOVE EXPOSED UNDERWATER: NO
PIPELINE COVERED: UNKNOWN GRADE CROSSING: NO
LOCATION SUBDIVISION: RAILROAD MILEPOST:
TYPE VEHICLE INVOLVED: CROSSING DEVICE TYPE:
DEVICE OPERATIONAL: YES

DOT CROSSING NUMBER: BRAKE FAILURE: NO
TANK ABOVE GROUND: ABOVE TRANSPORTABLE CONTAINER: UNKNOWN
TANK REGULATED: UNKNOWN TANK REGULATED BY:
TANK ID: CAPACITY OF TANK:
CAPACITY OF TANK UNITS: ACTUAL AMOUNT:
ACTUAL AMOUNT UNITS: PLATFORM RIG NAME:
PLATFORM LETTER: LOCATION AREA ID:
LOCATION BLOCK ID:

DESCRIPTION OF TANK:

- Continued on next page -

ERNS

RCH ID: 3 **DIST/DIR:** 0.02 NW **ELEVATION:** 347 **MAP ID:** 3

E:
IESS: 128 MAIN BLDG 2 APT-4 ST
GROTTON MA 01450
MIDDLESEX
ACT:
CE: NRC

REV: 12/31/06
ID1: NRC-797018
ID2:
STATUS: FIXED
PHONE:

G NUMBER OCSP NUMBER:
TE LEASE NUMBER PIER DOCK NUMBER
TH SLIP NUMBER CONTIN RELEASE TYPE
IAL CONT RELEASE NUM CONT RELEASE PERMIT
ISION NO TYPE OF STRUCTURE
UCTURE NAME: STRUCT OPERATIONAL UNKNOWN
BAG DEPLOYED DATE NORMAL SERVICE
VICE DISRUPT TIME SERVICE DISRUPT UNITS
NSIT BUS FLAG. CR BEGIN DATE:
END DATE CR CHANGE DATE

E INVOLVED NO FIRE EXTINGUISHED UNKNOWN
EVACUATIONS NO NUMBER EVACUATED
D EVACUATED RADIUS OF EVACUATION
INJURIES NO NUMBER INJURED
MBER HOSPITALIZED ANY FATALITIES NO
MBER FATALITIES ANY DAMAGES: NO
MAGE AMOUNT. AIR CORRIDOR CLOSED NO
CORRIDOR DESC AIR CLOSURE TIME.
TERWAY CLOSED NO WATERWAY DESC
TERWAY CLOSURE TIME ROAD CLOSED NO
D DESC ROAD CLOSURE TIME
SURF DIRECTION MAJOR ARTERY NO

CK CLOSED NO TRACK DESC
CK CLOSURE TIME MEDIA INTEREST NONE
DIUM DESC AIR ADDTL MEDIUM INFO ATMOSPHERE
Y OF WATER TRIBUTARY OF
REST RIVER MILE MARK RELEASE SECURED UNKNOWN
DUR OF RELEASE RELEASE RATE
CK CLOSE DIR ST AGENCY ON SCENE
GENCY RPT NUM NO REPORT # OTHER AGENCY NOTIFIED
THER CONDITIONS RAINY AIR TEMPERATURE 40
D SPEED WIND DIRECTION
ER SUPPLY CONTAM UNKNOWN SHEEN SIZE
EN COLOR DIR OF SHEEN TRAVEL
EN ODOR DESCRIPTION WAVE CONDITION
RENT SPEED CURRENT DIRECTION
ER TEMPERATURE

OF REMEDIAL ACTION NONE

L FATALITY PASS FATALITY.
MUNITY IMPACT NO WIND SPEED UNITS
LOYEE INJURIES: PASSENGER INJURIES:
PANT FATALITY. CURRENT SPEED UNITS
D CLOSURE UNITS. TRACK CLOSURE UNITS.
EN SIZE UNITS STATE AGENCY NOTIFIED. MA DEP
AGENCY NOTIFIED NEAREST RIVER MILE MARK:
EN SIZE LENGTH SHEEN SIZE LENGTH UNITS
EN SIZE WIDTH SHEEN SIZE WIDTH UNITS
HORE N DURATION UNIT
EASE RATE UNIT RELEASE RATE RATE

- Continued on next page -

Site Detail Report

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

ERNS

SEARCH ID: 3 **DIST/DIR:** 0.02 NW **ELEVATION:** 347 **MAP ID:** 3

NAME:
ADDRESS: 128 MAIN BLDG 2 APT-4 ST
GROTTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: NRC

REV: 12/31/06
ID1: NRC-797018
ID2:
STATUS: FIXED
PHONE:

ADDITIONAL INFO: CALLER STATED THAT HE HAS GONE THROUGH THE FEDERAL LEVEL ABOUT THIS INCIDENT

MATERIAL INFORMATION

CHRIS CODE: UNK CASE NUMBER: 000000-00-0
UN NUMBER: REACHED WATER: NO

NAME OF MATERIAL: UNKNOWN TOXIC MATERIAL
AMOUNT OF MATERIAL: 0 UNKNOWN AMOUNT
AMOUNT IN WATER:

OTHER MATERIAL INFORMATION

MOBILE DETAILS INFORMATION

TRAIN INFORMATION

ERNS

SEARCH ID: 4 **DIST/DIR:** 0.02 NW **ELEVATION:** 347 **MAP ID:** 3

NAME:
ADDRESS: 128 MAIN BUILDING 2, APT ST
GROTON MA
MIDDLESEX
CONTACT:
SOURCE: NRC

REV: 12/31/06
ID1: NRC-797505
ID2:
STATUS: FIXED
PHONE:

SITE INFORMATION

THIS INFORMATION WAS OBTAINED FROM THE NATIONAL RESPONSE CENTER

DATE RECEIVED. 5/17/2006 1 40 42 PM DATE COMPLETE: 5/17/2006 1 52 36 PM
CALL TAKER CALL TYPE INC

RESPONSIBLE PARTY
PHONE #1
PHONE #2
PHONE #3

RESPONSIBLE COMPANY LANDLORD
ORGANIZATION TYPE PRIVATE CITIZEN

ADDRESS
GRONTON MA

SOURCE TELEPHONE

INCIDENT INFORMATION

INCIDENT DESCRIPTION: CALLER IS REPORTING A MATERIAL RELEASE FROM AN UNKNOWN SOURCE COMING INTO THE HALLWAY FROM HIS BEDROOM DUE TO UNKNOWN CAUSES. CALLER STATES SOME TYPE OF HAZARDOUS GAS IS SPREADING AROUND HIS APARTMENT AND CAUSING SEVERE SICKNESS. SOURCE OF THE RELEASE1

INCIDENT TYPE. FIXED INCIDENT CAUSE: UNKNOWN
INCIDENT DATE. 5/17/2006 12 00:00 PM INCIDENT DATE DESC DISCOVERED
DISTANCE FROM CITY: DISTANCE UNITS
DIRECTION FROM CITY: LOCATION SECTION
LOCATION TOWNSHIP LOCATION RANGE

AIRCRAFT TYPE. AIRCRAFT MODEL
AIRCRAFT ID. AIRCRAFT FUEL CAPACITY
AIRCRAFT FUEL CAPACITY UNITS AIRCRAFT FUEL ON BOARD
AIRCRAFT FUEL ON BOARD UNITS AIRCRAFT SPOT NUMBER
AIRCRAFT HANGER. AIRCRAFT RUNWAY NUM
ROAD MILE MARKER: BUILDING ID
TYPE OF FIXED OBJECT OTHER POWER GEN FACILITY: NO
GENERATING CAPACITY TYPE OF FUEL
NPDES NPDES COMPLIANCE: UNKNOWN
PIPELINE TYPE: DOT REGULATED UNKNOWN
PIPELINE ABOVE GROUND: ABOVE EXPOSED UNDERWATER NO
PIPELINE COVERED UNKNOWN GRADE CROSSING: NO
LOCATION SUBDIVISION. RAILROAD MILEPOST:
TYPE VEHICLE INVOLVED. CROSSING DEVICE TYPE
DEVICE OPERATIONAL YES

DOT CROSSING NUMBER. BRAKE FAILURE NO
TANK ABOVE GROUND ABOVE TRANSPORTABLE CONTAINER: UNKNOWN
TANK REGULATED UNKNOWN TANK REGULATED BY
TANK ID: CAPACITY OF TANK
CAPACITY OF TANK UNITS. ACTUAL AMOUNT
ACTUAL AMOUNT UNITS PLATFORM RIG NAME
PLATFORM LETTER LOCATION AREA ID
LOCATION BLOCK ID

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

ERNS

SEARCH ID: 4 **DIST/DIR:** 0.02 NW **ELEVATION:** 347 **MAP ID:** 3

NAME:
ADDRESS: 128 MAIN BUILDING 2, APT ST
GROTON MA
MIDDLESEX
CONTACT:
SOURCE: NRC

REV: 12/31/06
ID1: NRC-797505
ID2:
STATUS: FIXED
PHONE:

OCSG NUMBER: OCSP NUMBER:
STATE LEASE NUMBER: PIER DOCK NUMBER:
BERTH SLIP NUMBER: CONTIN RELEASE TYPE.
INITIAL CONT RELEASE NUM. CONT RELEASE PERMIT
ALLISION: NO TYPE OF STRUCTURE:
STRUCTURE NAME: STRUCT OPERATIONAL: UNKNOWN
AIRBAG DEPLOYED: DATE NORMAL SERVICE:
SERVICE DISRUPT TIME: SERVICE DISRUPT UNITS:
TRANSIT BUS FLAG. CR BEGIN DATE.
CR END DATE: CR CHANGE DATE:

FIRE INVOLVED: NO FIRE EXTINGUISHED UNKNOWN
ANY EVACUATIONS: NO NUMBER EVACUATED:
WHO EVACUATED: RADIUS OF EVACUATION:
ANY INJURIES: NO NUMBER INJURED:
NUMBER HOSPITALIZED: ANY FATALITIES. NO
NUMBER FATALITIES ANY DAMAGES: NO
DAMAGE AMOUNT: AIR CORRIDOR CLOSED: NO
AIR CORRIDOR DESC: AIR CLOSURE TIME:
WATERWAY CLOSED: NO WATERWAY DESC:
WATERWAY CLOSURE TIME: ROAD CLOSED: NO
ROAD DESC: ROAD CLOSURE TIME:
CLOSURE DIRECTION: MAJOR ARTERY: NO

TRACK CLOSED. NO TRACK DESC.
TRACK CLOSURE TIME: MEDIA INTEREST. NONE
MEDIUM DESC: AIR ADDTL MEDIUM INFO: ATMOSPHERE
BODY OF WATER: TRIBUTARY OF:
NEAREST RIVER MILE MARK: RELEASE SECURED NO
EST DUR OF RELEASE: RELEASE RATE:
TRACK CLOSE DIR: ST AGENCY ON SCENE:
ST AGENCY RPT NUM: OTHER AGENCY NOTIFIED:
WEATHER CONDITIONS: UNKNOWN AIR TEMPERATURE:
WIND SPEED: WIND DIRECTION:
WATER SUPPLY CONTAM: UNKNOWN SHEEN SIZE.
SHEEN COLOR: DIR OF SHEEN TRAVEL:
SHEEN ODOR DESCRIPTION: WAVE CONDITION:
CURRENT SPEED: CURRENT DIRECTION:
WATER TEMPERATURE:

DESC OF REMEDIAL ACTION: MAKING NOTIFICATONS

EMPL FATALITY: PASS FATALITY:
COMMUNITY IMPACT: NO WIND SPEED UNITS
EMPLOYEE INJURIES: PASSENGER INJURIES:
OCCUPANT FATALITY: CURRENT SPEED UNITS
ROAD CLOSURE UNITS: TRACK CLOSURE UNITS
SHEEN SIZE UNITS: STATE AGENCY NOTIFIED:
FED AGENCY NOTIFIED: NEAREST RIVER MILE MARK:
SHEEN SIZE LENGTH: SHEEN SIZE LENGTH UNITS
SHEEN SIZE WIDTH: SHEEN SIZE WIDTH UNITS:
OFFSHORE: N DURATION UNIT.
RELEASE RATE UNIT. RELEASE RATE RATE:

- Continued on next page -

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

ERNS

RCH ID: 4 DIST/DIR: 0.02 NW ELEVATION: 347 MAP ID: 3

:
ESS: 126 MAIN BUILDING 2, APT ST
GROTON MA
MIDDLESEX
ACT:
CE: NRC

REV: 12/31/06
ID1: NRC-797505
ID2:
STATUS: FIXED
PHONE:

ITIONAL INFO CALLER DID NOTIFY THE GENERAL INSPECTOR

ERIAL INFORMATION

IS CODE UNK CASE NUMBER 000000-00-0
'UMBER REACHED WATER NO

E OF MATERIAL UNKNOWN MATERIAL
UNT OF MATERIAL 0 UNKNOWN AMOUNT
UNT IN WATER

R MATERIAL INFORMATION

ILE DETAILS INFORMATION

N INFORMATION

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

SPILLS

SEARCH ID: 12 DIST/DIR: 0.05 NW ELEVATION: 340 MAP ID: 4

NAME: MASCO CONTRACTOR SERVICES, INC
ADDRESS: 143 MAIN ST
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 1/18/11
ID1: 2-0015662
ID2:
STATUS: RAO
PHONE:

SITE INFORMATION

STATUS RAO - (Response Action Outcome): a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated

LTB1: CONFIRMED:
DELETED: REMOVED:

LTB1: CONFIRMED:
DELETED REMOVED:

LOCATION TYPE: COMMERCIAL, ROADWAY,
SOURCE: VEHICLE;
SITE DESCRIPTION

CHEMICALS

DIESEL FUEL 20 GAL

SITE ACTIONS

LSP INVOLVED 6572

ACT DATE: 3/29/2005
ACT USE LIMITATION:
ACT STATUS: ORAL APPROVAL OF A MODIFIED PLAN
ACT TYPE: IMMEDIATE RESPONSE ACTION
RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS BEEN REDUCED TO BACKROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED

ACT DATE: 3/29/2005
ACT USE LIMITATION:
ACT STATUS: FOLLOW UP OFFICE RESPONSE
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION
RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO BACKROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED

ACT DATE: 3/29/2005
ACT USE LIMITATION:
ACT STATUS: ORAL APPROVAL OF PLAN
ACT TYPE: IMMEDIATE RESPONSE ACTION
RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO BACKROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED

ACT DATE: 3/29/2005
ACT USE LIMITATION:
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E
ACT TYPE: RELEASE DISPOSITION
RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO BACKROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED

ACT DATE: 4/4/2005
ACT USE LIMITATION:
ACT STATUS: FOLLOW UP OFFICE RESPONSE
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION

- Continued on next page -

SPILLS

SEARCH ID: 12 **DIST/DIR:** 0.05 NW **ELEVATION:** 340 **MAP ID:** 4

NAME: MASCO CONTRACTOR SERVICES, INC
ADDRESS: 143 MAIN ST
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 1/18/11
ID1: 2-0015662
ID2:
STATUS: RAO
PHONE:

ACT DATE 4/15/2005
ACT USE LIMITATION
ACT STATUS ISSUED
ACT TYPE NOTICE OF RESPONSIBILITY
RAO CLASS A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED- CONTAMINATION HAS BEEN REDUCED TO BACKROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED

ACT DATE 5/27/2005
ACT USE LIMITATION
ACT STATUS RAO STATEMENT RECEIVED
ACT TYPE RESPONSE ACTION OUTCOME - RAO
RAO CLASS A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED- CONTAMINATION HAS BEEN REDUCED TO BACKROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED

ACT DATE 5/27/2005
ACT USE LIMITATION
ACT STATUS REPORTABLE RELEASE UNDER MGL 21E
ACT TYPE RELEASE NOTIFICATION
RAO CLASS A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED- CONTAMINATION HAS BEEN REDUCED TO BACKROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED

ACT DATE 7/13/2005
ACT USE LIMITATION
ACT STATUS TECHNICAL SCREEN AUDIT
ACT TYPE RESPONSE ACTION OUTCOME - RAO

Environmental FirstSearch
Site Detail Report

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

STATE

SEARCH ID: 9 **DIST/DIR:** 0.08 SW **ELEVATION:** 336 **MAP ID:** 5

NAME: RESIDENCE
ADDRESS: 17 BROADMEADOW RD
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 1/18/11
ID1: 2-0017381
ID2:
STATUS: TIERII
PHONE:

SITE INFORMATION

STATUS: TIER 2 - A site/release receiving a total NRS score less than 350, unless the site meets any of the Tier 1 Inclusionary Criteria (CMR 40.0520(2)(a)). Permits are not required at Tier 2 sites/releases and response actions may be performed under the supervision of an LSP without prior DEP approval. All pre-1993 transition sites that have accepted waivers are categorically Tier 2 sites.

LOCATION TYPE. RESIDENTIAL,
SOURCE: AST:
SITE DESCRIPTION.

CHEMICALS

#2 FUEL OIL 50 GAL

SITE ACTIONS

ACT DATE: 1/4/2009
ACT USE LIMITATION
ACT STATUS: ORAL APPROVAL OF PLAN
ACT TYPE: IMMEDIATE RESPONSE ACTION
RAO CLASS:

ACT DATE: 1/7/2009
ACT USE LIMITATION:
ACT STATUS REPORTABLE RELEASE UNDER MGL 21E
ACT TYPE: RELEASE DISPOSITION
RAO CLASS.

ACT DATE: 1/9/2009
ACT USE LIMITATION.
ACT STATUS: FOLLOW UP OFFICE RESPONSE
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION
RAO CLASS:

ACT DATE: 2/2/2009
ACT USE LIMITATION:
ACT STATUS: ISSUED
ACT TYPE: NOTICE OF RESPONSIBILITY
RAO CLASS:

ACT DATE. 3/10/2009
ACT USE LIMITATION:
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E
ACT TYPE: RELEASE NOTIFICATION
RAO CLASS:

ACT DATE: 3/10/2009
ACT USE LIMITATION:
ACT STATUS: WRITTEN PLAN RECEIVED
ACT TYPE: IMMEDIATE RESPONSE ACTION
RAO CLASS:

ACT DATE: 3/27/2009

- Continued on next page -

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

STATE

ARCH ID: 9 DIST/DIR: 0.08 SW ELEVATION: 336 MAP ID: 5

IE: RESIDENCE
DRESS: 17 BROADMEADOW RD
GROTON MA 01450
MIDDLESEX
TACT:
RCE: MA DEP

REV: 1/18/11
ID1: 2-0017381
ID2:
STATUS: TIERII
PHONE:

T USE LIMITATION
T STATUS TECHNICAL SCREEN AUDIT
T TYPE IMMEDIATE RESPONSE ACTION
O CLASS

T DATE 5/14/2009
T USE LIMITATION
T STATUS STATUS REPORT RECEIVED
T TYPE IMMEDIATE RESPONSE ACTION
O CLASS

T DATE 9/21/2009
T USE LIMITATION
T STATUS TECHNICAL SCREEN AUDIT
T TYPE IMMEDIATE RESPONSE ACTION
O CLASS

T DATE 11/5/2009
T USE LIMITATION
T STATUS ALSENT
T TYPE NOTICE OF RESPONSIBILITY
O CLASS

T DATE 12/11/2009
T USE LIMITATION
T STATUS STATUS REPORT RECEIVED
T TYPE IMMEDIATE RESPONSE ACTION
O CLASS

T DATE 2/1/2010
T USE LIMITATION
T STATUS TIER 2 CLASSIFICATION
T TYPE TIER CLASSIFICATION
O CLASS

T DATE 2/1/2010
T USE LIMITATION
T STATUS COMPLETION STATEMENT RECEIVED
T TYPE PHASE I
O CLASS

DATE 2/1/2010
USE LIMITATION
STATUS SCOPE OF WORK RECEIVED
TYPE PHASE 2
CLASS

DATE 2/1/2010
USE LIMITATION
STATUS TRANSMITTAL RECEIVED
TYPE TIER CLASSIFICATION
CLASS

- Continued on next page -

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

STATE

SEARCH ID: 9 DIST/DIR: 0.08 SW ELEVATION: 336 MAP ID: 5

NAME: RESIDENCE
ADDRESS: 17 BROADMEADOW RD
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 1/18/11
ID1: 2-0017381
ID2:
STATUS: TIERII
PHONE:

ACT DATE: 2/11/2010
ACT USE LIMITATION:
ACT STATUS: RTN LINKED TO TCLASS VIA IRA COMPLETION STATEMENT
ACT TYPE: TIER CLASSIFICATION
RAO CLASS:

ACT DATE: 2/17/2010
ACT USE LIMITATION:
ACT STATUS: FLDDIU
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION
RAO CLASS:

ACT DATE: 2/18/2010
ACT USE LIMITATION:
ACT STATUS: TECHNICAL SCREEN AUDIT
ACT TYPE: PHASE I
RAO CLASS:

ACT DATE: 2/22/2010
ACT USE LIMITATION:
ACT STATUS: AUDIT INSPECTION
ACT TYPE: PHASE I
RAO CLASS:

ACT DATE: 2/22/2010
ACT USE LIMITATION:
ACT STATUS: NAFNVD
ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE
RAO CLASS:

ACT DATE: 5/24/2010
ACT USE LIMITATION:
ACT STATUS: STATUS REPORT RECEIVED
ACT TYPE: IMMEDIATE RESPONSE ACTION
RAO CLASS:

ACT DATE: 6/11/2010
ACT USE LIMITATION:
ACT STATUS: TECHNICAL SCREEN AUDIT
ACT TYPE: IMMEDIATE RESPONSE ACTION
RAO CLASS:

ACT DATE: 11/30/2010
ACT USE LIMITATION:
ACT STATUS: STATUS REPORT RECEIVED
ACT TYPE: IMMEDIATE RESPONSE ACTION
RAO CLASS:

ACT DATE: 12/10/2010
ACT USE LIMITATION:
ACT STATUS: TECHNICAL SCREEN AUDIT

- Continued on next page -

STATE

SEARCH ID: 9 **DIST/DIR:** 0.08 SW **ELEVATION:** 336 **MAP ID:** 5

NAME: RESIDENCE
ADDRESS: 17 BROADMEADOW RD
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 1/18/11
ID1: 2-0017381
ID2:
STATUS: TIERII
PHONE:

ACT TYPE IMMEDIATE RESPONSE ACTION

Environmental FirstSearch
Site Detail Report

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

SPILLS

SEARCH ID: 13 **DIST/DIR:** 0.08 SW **ELEVATION:** 336 **MAP ID:** 5

NAME: RESIDENCE
ADDRESS: 17 BROADMEADOW RD
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 1/18/11
ID1: 2-0017381
ID2:
STATUS: TIERII
PHONE:

SITE INFORMATION

STATUS: TIER 2 - A site/release receiving a total NRS score less than 350, unless the site meets any of the Tier 1 Inclusionary Criteria (CMR 40 0520(2)(a)). Permits are not required at Tier 2 sites/releases and response actions may be performed under the supervision of an LSP without prior DEP approval. All pre-1993 transition sites that have accepted waivers are categorically Tier 2 sites

LOCATION TYPE: RESIONTIAL
SOURCE: AST;
SITE DESCRIPTION.

CHEMICALS

#2 FUEL OIL 50 GAL

SITE ACTIONS

ACT DATE: 1/4/2009
ACT USE LIMITATION:
ACT STATUS: ORAL APPROVAL OF PLAN
ACT TYPE: IMMEDIATE RESPONSE ACTION
RAO CLASS:

ACT DATE: 1/7/2009
ACT USE LIMITATION:
ACT STATUS. REPORTABLE RELEASE UNDER MGL 21E
ACT TYPE: RELEASE DISPOSITION
RAO CLASS:

ACT DATE: 1/9/2009
ACT USE LIMITATION.
ACT STATUS: FOLLOW UP OFFICE RESPONSE
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION
RAO CLASS

ACT DATE. 2/3/2009
ACT USE LIMITATION:
ACT STATUS ISSUED
ACT TYPE: NOTICE OF RESPONSIBILITY
RAO CLASS

ACT DATE: 3/10/2009
ACT USE LIMITATION:
ACT STATUS. WRITTEN PLAN RECEIVED
ACT TYPE: IMMEDIATE RESPONSE ACTION
RAO CLASS.

ACT DATE: 3/10/2009
ACT USE LIMITATION:
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E
ACT TYPE: RELEASE NOTIFICATION
RAO CLASS:

ACT DATE: 3/27/2009

- Continued on next page -

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

SPILLS

RCH ID: 13 DIST/DIR: 0.08 SW ELEVATION: 336 MAP ID: 5

:: RESIDENCE
ESS: 17 BROADMEADOW RD
GROTON MA 01450
MIDDLESEX
ACT:
CE: MA DEP

REV: 1/18/11
ID1: 2-0017381
ID2:
STATUS: TIERII
PHONE:

USE LIMITATION
STATUS TECHNICAL SCREEN AUDIT
TYPE IMMEDIATE RESPONSE ACTION
CLASS

DATE 5/14/2009
USE LIMITATION
STATUS STATUS REPORT RECEIVED
TYPE IMMEDIATE RESPONSE ACTION
CLASS

DATE 3/21/2009
USE LIMITATION
STATUS TECHNICAL SCREEN AUDIT
TYPE IMMEDIATE RESPONSE ACTION
CLASS

DATE 11/5/2009
USE LIMITATION
STATUS ABSENT
TYPE NOTICE OF RESPONSIBILITY
CLASS

DATE 12/11/2009
USE LIMITATION
STATUS STATUS REPORT RECEIVED
TYPE IMMEDIATE RESPONSE ACTION
CLASS

DATE 2/1/2010
USE LIMITATION
STATUS TRANSMITTAL RECEIVED
TYPE TIER CLASSIFICATION
CLASS

DATE 2/1/2010
USE LIMITATION
STATUS COMPLETION STATEMENT RECEIVED
TYPE PHASE I
CLASS

DATE 2/1/2010
USE LIMITATION
STATUS TIER 2 CLASSIFICATION
TYPE TIER CLASSIFICATION
CLASS

DATE 2/1/2010
USE LIMITATION
STATUS SCOPE OF WORK RECEIVED
TYPE PHASE 2
CLASS

- Continued on next page -

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

SPILLS

SEARCH ID: 13 DIST/DIR: 0.08 SW ELEVATION: 336 MAP ID: 5

NAME: RESIDENCE
ADDRESS: 17 BROADMEADOW RD
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 1/18/11
ID1: 2-0017381
ID2:
STATUS: TIERII
PHONE:

ACT DATE 2/11/2010
ACT USE LIMITATION
ACT STATUS: RTN LINKED TO TCLASS VIA IRA COMPLETION STATEMENT
ACT TYPE: TIER CLASSIFICATION
RAO CLASS

ACT DATE 2/17/2010
ACT USE LIMITATION
ACT STATUS: FLDDIU
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION
RAO CLASS

ACT DATE 2/18/2010
ACT USE LIMITATION
ACT STATUS: TECHNICAL SCREEN AUDIT
ACT TYPE: PHASE 1
RAO CLASS

ACT DATE 2/22/2010
ACT USE LIMITATION
ACT STATUS: NAFNVD
ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE
RAO CLASS

ACT DATE: 2/22/2010
ACT USE LIMITATION
ACT STATUS: AUDIT INSPECTION
ACT TYPE: PHASE 1
RAO CLASS

ACT DATE: 3/24/2010
ACT USE LIMITATION
ACT STATUS: STATUS REPORT RECEIVED
ACT TYPE: IMMEDIATE RESPONSE ACTION
RAO CLASS

ACT DATE: 6/11/2010
ACT USE LIMITATION
ACT STATUS: TECHNICAL SCREEN AUDIT
ACT TYPE: IMMEDIATE RESPONSE ACTION
RAO CLASS

ACT DATE: 11/30/2010
ACT USE LIMITATION
ACT STATUS: STATUS REPORT RECEIVED
ACT TYPE: IMMEDIATE RESPONSE ACTION
RAO CLASS

ACT DATE 12/10/2010
ACT USE LIMITATION
ACT STATUS: TECHNICAL SCREEN AUDIT

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

SPILLS

SEARCH ID: 13 **DIST/DIR:** 0.08 SW **ELEVATION:** 336 **MAP ID:** 5

NAME: RESIDENCE
ADDRESS: 17 BROADMEADOW RD
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 1/18/11
ID1: 2-0017381
ID2:
STATUS: TIERII
PHONE:

ACT TYPE IMMEDIATE RESPONSE ACTION

Environmental FirstSearch
Site Detail Report

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

SPILLS

SEARCH ID: 14 **DIST/DIR:** 0.08 SW **ELEVATION:** 336 **MAP ID:** 5

NAME: RESIDENCE
ADDRESS: 17 BROAD MEADOW RD
GROTON MA
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 1/18/11
ID1: 2-0017447
ID2:
STATUS: RAONR
PHONE:

SITE INFORMATION

STATUS: RAONR - Response action outcome not required

LOCATION TYPE: RESIDNTIAL,
SOURCE: AST;
SITE DESCRIPTION:

CHEMICALS

#2 FUEL OIL 8 4 INCH

SITE ACTIONS

ACT DATE: 2/11/2010
ACT USE LIMITATION:
LSP:
ACT STATUS: LINKED TO A TIER CLASSIFIED SITE
LINKED SITE ID 2-0017381
ACT TYPE: RAO NOT REQUIRED
RAO CLASS:

ACT DATE: 3/10/2009
ACT USE LIMITATION:
ACT STATUS: ORAL APPROVAL OF PLAN
ACT TYPE: IMMEDIATE RESPONSE ACTION
RAO CLASS:

ACT DATE: 3/10/2009
ACT USE LIMITATION:
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E
ACT TYPE: RELEASE DISPOSITION
RAO CLASS:

ACT DATE: 4/6/2009
ACT USE LIMITATION:
ACT STATUS: ISSUED
ACT TYPE: NOTICE OF RESPONSIBILITY
RAO CLASS:

ACT DATE: 6/16/2009
ACT USE LIMITATION:
ACT STATUS: NON
ACT TYPE: COMPLIANCE AND ENFORCEMENT
RAO CLASS:

ACT DATE: 6/24/2009
ACT USE LIMITATION
ACT STATUS: WRITTEN PLAN RECEIVED
ACT TYPE: IMMEDIATE RESPONSE ACTION
RAO CLASS:

- Continued on next page -

SPILLS

ARCH ID: 14 **DIST/DIR:** 0.08 SW **ELEVATION:** 336 **MAP ID:** 5

IE: RESIDENCE
RESS: 17 BROAD MEADOW RD
GROTON MA
MIDDLESEX
TACT:
RCE: MA DEP

REV: 1/18/11
ID1: 2-0017447
ID2:
STATUS: RAONR
PHONE:

T DATE 6/24/2009
T USE LIMITATION
T STATUS: REPORTABLE RELEASE UNDER MGL 21E
T TYPE RELEASE NOTIFICATION
O CLASS

T DATE 6/29/2009
T USE LIMITATION
T STATUS TECHNICAL SCREEN AUDIT
T TYPE IMMEDIATE RESPONSE ACTION
O CLASS

T DATE 7/16/2009
T USE LIMITATION
T STATUS RMRINI
T TYPE IMMEDIATE RESPONSE ACTION
O CLASS

T DATE 7/16/2009
T USE LIMITATION
T STATUS STATUS REPORT RECEIVED
T TYPE IMMEDIATE RESPONSE ACTION
O CLASS

T DATE 7/23/2009
USE LIMITATION
STATUS TECHNICAL SCREEN AUDIT
TYPE IMMEDIATE RESPONSE ACTION
O CLASS

DATE 1/11/2010
USE LIMITATION
STATUS ABSENT
TYPE NOTICE OF RESPONSIBILITY
CLASS

DATE 2/1/2010
USE LIMITATION
STATUS TRANSMITTAL RECEIVED
TYPE TIER CLASSIFICATION
CLASS

DATE 2/1/2010
USE LIMITATION
STATUS TIER 2 CLASSIFICATION
TYPE TIER CLASSIFICATION
CLASS

DATE 2/11/2010
USE LIMITATION
STATUS LINKED TO A TIER CLASSIFIED SITE

- Continued on next page -

SPILLS

SEARCH ID: 14 **DIST/DIR:** 0.08 SW **ELEVATION:** 336 **MAP ID:** 5

NAME: RESIDENCE
ADDRESS: 17 BROAD MEADOW RD
GROTON MA
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 1/18/11
ID1: 2-0017447
ID2:
STATUS: RAONR
PHONE:

ACT TYPE RAO NOT REQUIRED
RAO CLASS:

ACT DATE 2/11/2010
ACT USE LIMITATION:
ACT STATUS: RTN LINKED TO TCLASS VIA IRA COMPLETION STATEMENT
ACT TYPE TIER CLASSIFICATION
RAO CLASS:

ACT DATE: 2/11/2010
ACT USE LIMITATION:
ACT STATUS: COMPLETION STATEMENT RECEIVED
ACT TYPE: IMMEDIATE RESPONSE ACTION
RAO CLASS:

ACT DATE: 4/27/2010
ACT USE LIMITATION:
ACT STATUS: TECHNICAL SCREEN AUDIT
ACT TYPE: IMMEDIATE RESPONSE ACTION

SPILLS

SEARCH ID: 15 **DIST/DIR:** 0.16 NW **ELEVATION:** 323 **MAP ID:** 6

NAME: TOWN HALL
ADDRESS: 173 MAIN ST
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 1/18/11
ID1: 2-0011407
ID2:
STATUS: RAO
PHONE:

SITE INFORMATION

STATUS RAO - (Response Action Outcome) a siterelease where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated

LTBI CONFIRMED
DELETED REMOVED

LOCATION TYPE MUNICIPAL,
SOURCE 2K GAL, UST,
SITE DESCRIPTION

CHEMICALS

#2 FUEL OIL 151 PPMV

SITE ACTIONS

LSP INVOLVED JEFFREY CURTIS

ACT DATE 9/20/1996
ACT USE LIMITATION
ACT STATUS ORAL APPROVAL OF PLAN
ACT TYPE IMMEDIATE RESPONSE ACTION
RAO CLASS A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE 9/20/1996
ACT USE LIMITATION:
ACT STATUS REPORTABLE RELEASE UNDER MGL 21E
ACT TYPE RELEASE DISPOSITION
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE 9/23/1996
ACT USE LIMITATION:
ACT STATUS REPORTABLE RELEASE UNDER MGL 21E
ACT TYPE RELEASE NOTIFICATION
RAO CLASS A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE 9/25/1996
ACT USE LIMITATION
ACT STATUS. ISSUED
ACT TYPE NOTICE OF RESPONSIBILITY
RAO CLASS A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE 9/26/1996
ACT USE LIMITATION:
ACT STATUS REPORTABLE RELEASE UNDER MGL 21E
ACT TYPE RELEASE NOTIFICATION
RAO CLASS A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE 11/14/1996
ACT USE LIMITATION

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 134 MAIN ST
GROTON MA 01450 **JOB:** 2011-43

SPILLS

SEARCH ID: 15 **DIST/DIR:** 0.16 NW **ELEVATION:** 323 **MAP ID:** 6

NAME: TOWN HALL
ADDRESS: 173 MAIN ST
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 1/18/11
ID1: 2-0011407
ID2:
STATUS: RAO
PHONE:

ACT STATUS: FOLLOW UP OFFICE RESPONSE
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE 11/21/1996
ACT USE LIMITATION:
ACT STATUS: COMPLETION STATEMENT RECEIVED
ACT TYPE: IMMEDIATE RESPONSE ACTION
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 8/18/1997
ACT USE LIMITATION:
ACT STATUS: FEE RECEIVED-FMCRA USE ONLY
ACT TYPE. RELEASE ABATEMENT MEASURE
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 9/29/1997
ACT USE LIMITATION:
ACT STATUS: RAO STATEMENT RECEIVED
ACT TYPE: RESPONSE ACTION OUTCOME - RAO
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 9/29/1997
ACT USE LIMITATION:
ACT STATUS: COMPLETION STATEMENT RECEIVED
ACT TYPE: RELEASE ABATEMENT MEASURE
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 10/3/1997
ACT USE LIMITATION:
ACT STATUS: FEE RECEIVED-FMCRA USE ONLY
ACT TYPE: RESPONSE ACTION OUTCOME - RAO
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 12/3/1997
ACT USE LIMITATION:
ACT STATUS: NOA
ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE
RAO CLASS. A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 1/26/1998
ACT USE LIMITATION:
ACT STATUS: NAFNVD
ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 1/26/1998
ACT USE LIMITATION:
ACT STATUS: NAFNVD
ACT TYPE: COMPLIANCE AND ENFORCEMENT

arget Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

SPILLS

CH ID: 16 DIST/DIR: 0.16 NW ELEVATION: 323 MAP ID: 6

TOWN OF GROTON
SS: 173 MAIN ST
GROTON MA 01450
MIDDLESEX
CT:
E: MA DEP

REV: 1/18/11
ID1: 2-0011886
ID2:
STATUS: RAO
PHONE:

NFORMATION

S RAO - (Response Action Outcome) a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were nt to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.

CONFIRMED.
ED REMOVED

ION TYPE MUNICIPAL.
E: UNKNOWN.
ESCRIPTION:

CALS

IC 55 1 PPM

CTIONS

VOLVED JEFFREY CURTIS

ATE 9/19/1997
E LIMITATION
ATUS REPORTABLE RELEASE UNDER MGL 21E
PE: RELEASE DISPOSITION
ASS B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS

ATE 9/19/1997
E LIMITATION
ATUS IRA ASSESSMENT ONLY
PE IMMEDIATE RESPONSE ACTION
ASS B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS

TE. 10/21/1997
E LIMITATION
ATUS ISSUED
PE: NOTICE OF RESPONSIBILITY
ASS B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS

TE 12/19/1997
F LIMITATION:
ATUS REPORTABLE RELEASE UNDER MGL 21E
PE RELEASE NOTIFICATION
ASS B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS

TE 12/19/1997
E LIMITATION
ATUS RAO STATEMENT RECEIVED
PE: RESPONSE ACTION OUTCOME - RAO
ASS: B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS.

TE 12/19/1997
E LIMITATION

- Continued on next page -

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

SPILLS

SEARCH ID: 16 DIST/DIR: 0.16 NW ELEVATION: 323 MAP ID: 6

NAME: TOWN OF GROTON
ADDRESS: 173 MAIN ST
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 1/18/11
ID1: 2-0011886
ID1:
STATUS: RAO
PHONE:

ACT STATUS. WRITTEN PLAN RECEIVED
ACT TYPE: IMMEDIATE RESPONSE ACTION
RAO CLASS: B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS.

ACT DATE: 12/22/1997
ACT USE LIMITATION:
ACT STATUS: FEE RECEIVED-FMCRA USE ONLY
ACT TYPE: RESPONSE ACTION OUTCOME - RAO
RAO CLASS: B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS

ACT DATE. 1/26/1998
ACT USE LIMITATION:
ACT STATUS. NAFNVD
ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE
RAO CLASS. B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS

ACT DATE. 1/26/1998
ACT USE LIMITATION:
ACT STATUS: NAFNVD
ACT TYPE: COMPLIANCE AND ENFORCEMENT

UST

SEARCH ID: 17 **DIST/DIR:** 0.19 NW **ELEVATION:** 317 **MAP ID:** 7

NAME: BUCKINGHAM BUS CO INC
ADDRESS: 40 STATION AVE
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 1/28/11
ID1: 0-009800
ID2: 17115
STATUS: REMOVED
PHONE:

TOTAL NUMBER OF TANKS 2

OWNER INFORMATION
OWNER NAME BUCKINGHAM BUS CO INC
OWNER ADDRESS PO BOX 8
GROTON MA 01450

FACILITY TYPE TRUCK/TRANSPORT
WORK PHONE
INSPECTION DATE
INSPECTOR

TANK INFORMATION

TANK NUMBER 1
TANK STATUS REMOVED
SERIAL NUMBER
ABOVE GROUND N
CAPACITY(GAL) 4000
CONTENTS KEROSENE
USE
TANK MATERIAL STEEL
TANK TYPE
LEAK DETECTION

PIPE MATERIAL STEEL
PIPE TYPE
LEAK DETECTION

TANK NUMBER 2
TANK STATUS REMOVED
SERIAL NUMBER
ABOVE GROUND N
CAPACITY(GAL) 1000
CONTENTS GASOLINE
USE
TANK MATERIAL STEEL
TANK TYPE
LEAK DETECTION

PIPE MATERIAL STEEL
PIPE TYPE
LEAK DETECTION

Environmental FirstSearch
Site Detail Report

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

STATE

SEARCH ID: 7 **DIST/DIR:** 0.37 NW **ELEVATION:** 325 **MAP ID:** 8

NAME: JOY AVE FMR
ADDRESS: 31 ADAMS AVE
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 10/29/10
ID1: 2-0011384
ID2:
STATUS: RAO
PHONE:

SITE INFORMATION

STATUS: RAO - (Response Action Outcome): a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated

LTBI: CONFIRMED
DELETED: REMOVED

LTBI: CONFIRMED
DELETED: REMOVED

LTBI: CONFIRMED
DELETED: REMOVED

LOCATION TYPE: COMMERCIAL, INDUSTRIAL,
SOURCE: HISTORICAL;
SITE DESCRIPTION: WASTE OIL PRESENT; RELEASE TO SOIL;

OTHER CONTAMINATION:
OTHER RELEASES:
OTHER PROBLEMS:
OTHER TYPE OF SITE:

CHEMICALS

WATER 35600 MG/KG

SITE ACTIONS

LSP INVOLVED: JEFFREY CURTIS

TS DATE: 9/4/1997
AUL RESTRICTION:
LSP: JEFFREY CURTIS
RA STATUS: TRANSMITTAL RECEIVED
RAS TYPE: TIER CLASSIFICATION
RAO CLASS:

TS DATE: 9/5/1997
AUL RESTRICTION:
LSP:
RA STATUS: LINKED TO A TRANSITION SITE - OBSOLETE STATUS
RAS TYPE: FEND
RAO CLASS:

ACT DATE 8/28/1996
ACT USE LIMITATION
ACT STATUS ORAL APPROVAL OF PLAN
ACT TYPE: RELEASE ABATEMENT MEASURE
RAO CLASS: A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

- Continued on next page -

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

STATE

RCH ID: 7 DIST/DIR: 0.37 NW ELEVATION: 325 MAP ID: 8

:: JOY AVE FMR
IESS: 31 ADAMS AVE
GROTON MA 01450
MIDDLESEX
ACT:
CE: MA DEP

REV: 10/29/10
ID1: 2-0011384
ID2:
STATUS: RAO
PHONE:

STATUS FOLLOW UP OFFICE RESPONSE
TYPE SITE VISIT OR COMPLIANCE INSPECTION
CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
IVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

DATE 8/28/1996
USE LIMITATION
STATUS REPORTABLE RELEASE UNDER MGL 21E
TYPE RELEASE DISPOSITION
CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
IVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

DATE 8/30/1996
USE LIMITATION
STATUS REPORTABLE RELEASE UNDER MGL 21E
TYPE RELEASE NOTIFICATION
CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
IVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

DATE 9/9/1996
USE LIMITATION
STATUS ISSUED
TYPE NOTICE OF RESPONSIBILITY
CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
IVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

DATE 10/28/1996
USE LIMITATION
STATUS WRITTEN PLAN RECEIVED
TYPE RELEASE ABATEMENT MEASURE
CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
IVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

DATE 11/1/1996
USE LIMITATION
STATUS FEE RECEIVED-FMCRA USE ONLY
TYPE RELEASE ABATEMENT MEASURE
CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
IVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

DATE 12/5/1996
USE LIMITATION
STATUS MODIFIED REVISED OR UPDATED PLAN RECEIVED
TYPE RELEASE ABATEMENT MEASURE
CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
IVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

DATE 1/24/1997
USE LIMITATION
STATUS STATUS REPORT RECEIVED
TYPE RELEASE ABATEMENT MEASURE
CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
VITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

DATE 9/4/1997
USE LIMITATION
STATUS RTN LINKED TO TCLASS VIA TIER CLASSIFICATION SUBMITTAL
TYPE TIER CLASSIFICATION
CLASS A3 A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN

- Continued on next page -

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

STATE

SEARCH ID: 7 DIST/DIR: 0.37 NW ELEVATION: 325 MAP ID: 8

NAME: JOY AVE FMR
ADDRESS: 31 ADAMS AVE
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 10/29/10
ID1: 2-0011384
ID2:
STATUS: RAO
PHONE:

ACT DATE 9/4/1997
ACT USE LIMITATION:
ACT STATUS: TIER 2 CLASSIFICATION
ACT TYPE: TIER CLASSIFICATION
RAO CLASS: A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE 9/4/1997
ACT USE LIMITATION.
ACT STATUS: COMPLETION STATEMENT RECEIVED
ACT TYPE: PHASE I
RAO CLASS. A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE. 9/4/1997
ACT USE LIMITATION:
ACT STATUS: TRANSMITTAL RECEIVED
ACT TYPE TIER CLASSIFICATION
RAO CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE 3/17/1998
ACT USE LIMITATION.
ACT STATUS STATUS REPORT RECEIVED
ACT TYPE: RELEASE ABATEMENT MEASURE
RAO CLASS. A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE 10/19/1998
ACT USE LIMITATION:
ACT STATUS: STATUS REPORT RECEIVED
ACT TYPE: RELEASE ABATEMENT MEASURE
RAO CLASS: A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE. 4/22/1999
ACT USE LIMITATION:
ACT STATUS: TRANSMITTAL RECEIVED
ACT TYPE: ACTIVITY AND USE LIMITATION
RAO CLASS: A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE: 5/7/1999
ACT USE LIMITATION:
ACT STATUS: RAO STATEMENT RECEIVED
ACT TYPE: RESPONSE ACTION OUTCOME - RAO
RAO CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE: 5/17/1999
ACT USE LIMITATION:
ACT STATUS. REVISED STATEMENT OR TRANSMITTAL RECEIVED
ACT TYPE: RESPONSE ACTION OUTCOME - RAO
RAO CLASS: A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE: 5/17/1999
ACT USE LIMITATION:
ACT STATUS COMPLETION STATEMENT RECEIVED

- Continued on next page -

STATE

SEARCH ID: 7 **DIST/DIR:** 0.37 NW **ELEVATION:** 325 **MAP ID:** 8

NAME: JOY AVE FMR
ADDRESS: 31 ADAMS AVE
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 10/29/10
ID1: 2-0011384
ID2:
STATUS: RAO
PHONE:

RAO CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE 1/4/2002
ACT USE LIMITATION
ACT STATUS TECHNICAL SCREEN AUDIT
ACT TYPE RESPONSE ACTION OUTCOME - RAO
RAO CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE 1/4/2002
ACT USE LIMITATION
ACT STATUS. NAFNVD
ACT TYPE AUDIT COMMUNICATION AND CORRESPONDENCE
RAO CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE 1/4/2002
ACT USE LIMITATION
ACT STATUS TECHNICAL SCREEN AUDIT
ACT TYPE. ACTIVITY AND USE LIMITATION
RAO CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE 12/17/2004
ACT USE LIMITATION
ACT STATUS FLDRAN
ACT TYPE SITE VISIT OR COMPLIANCE INSPECTION

Environmental FirstSearch
Site Detail Report

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

STATE

SEARCH ID: 5 **DIST/DIR:** 0.39 NW **ELEVATION:** 329 **MAP ID:** 9

NAME: GROTON MOBIL FMR
ADDRESS: 232 MAIN ST
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 10/29/10
ID1: 2-0000367
ID2:
STATUS: RAO
PHONE:

SITE INFORMATION

STATUS: RAO - (Response Action Outcome): a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated

LTBI: CONFIRMED:
DELETED: REMOVED:

LTBI: CONFIRMED:
DELETED: REMOVED

LTBI: 10/15/1992 CONFIRMED: 10/15/1992
DELETED: REMOVED:

LOCATION TYPE: GASSTATION, FORMER.
SOURCE: UST;
SITE DESCRIPTION: CONTAINED IN A LUST; RELEASE TO SOIL; GROUNDWATER RELEASE; GASOLINE PRESENT; GAS STATION; FORMER;

OTHER CONTAMINATION:
OTHER RELEASES.
OTHER PROBLEMS:
OTHER TYPE OF SITE:

CHEMICALS

UNKNOWN

SITE ACTIONS

LSP INVOLVED: CHRISTOPHE HENRY

TS DATE: 2/13/1998
AUL RESTRICTION:
LSP: JAMES YOUNG
RA STATUS: WRITTEN PLAN RECEIVED
RAS TYPE: RELEASE ABATEMENT MEASURE
RAO CLASS:

TS DATE: 9/14/2000
AUL RESTRICTION:
LSP: CHRISTOPHE HENRY
RA STATUS: COMPLETION STATEMENT RECEIVED
RAS TYPE: PHASEIII
RAO CLASS.

TS DATE: 12/26/2000
AUL RESTRICTION:
LSP: CHRISTOPHE HENRY
RA STATUS: RIPRCVD
RAS TYPE: PHASEIV
RAO CLASS:

- Continued on next page -

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

STATE

ICH ID: 5 DIST/DIR: 0.39 NW ELEVATION: 329 MAP ID: 9

: GROTON MOBIL FMR
ESS: 232 MAIN ST
GROTON MA 01450
MIDDLESEX
ACT:
CE. MA DEP

REV: 10/29/10
ID1: 2-0000767
ID2:
STATUS: RAO
PHONE:

RESTRICTION
JAMES YOUNG
TATUS: TRANSMITTAL RECEIVED
TYPE TIER2EXT
CLASS

ATE 9/5/1997
RESTRICTION

TATUS
TYPE TIER2=XT
CLASS

ATE 9/22/1997
RESTRICTION
COLIN COOL
TATUS SCOPE OF WORK RECEIVED
TYPE PHASE II
CLASS

ATE 9/14/2000
RESTRICTION
CHRISTOPHE HENRY
TATUS. COMPLETION STATEMENT RECEIVED
TYPE PHASEII
CLASS

ATE 6/22/1998
RESTRICTION
JAMES YOUNG
TATUS: STATUS REPORT RECEIVED
TYPE RELEASE ABATEMENT MEASURE
CLASS

ATE. 8/25/1999
RESTRICTION
JAMES YOUNG
TATUS TRANSMITTAL RECEIVED
TYPE TIER2EXT
CLASS

ATE 12/17/1999
RESTRICTION
CHRISTOPHE HENRY
TATUS. COMPLETION STATEMENT RECEIVED
TYPE RELEASE ABATEMENT MEASURE
CLASS

ATE 9/2/1996
RESTRICTION

TATUS COMPLETION STATEMENT RECEIVED

- Continued on next page -

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

STATE

SEARCH ID: 5 DIST/DIR: 0.39 NW ELEVATION: 329 MAP ID: 9

NAME: GROTON MOBIL FMR
ADDRESS: 232 MAIN ST
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 10/29/10
ID1: 2-0000767
ID2:
STATUS: RAO
PHONE:

RAS TYPE: RELEASE ABATEMENT MEASURE
RAO CLASS.

TS DATE: 8/16/1999
AUL RESTRICTION:
LSP: JAMES YOUNG
RA STATUS. WRITTEN PLAN RECEIVED
RAS TYPE RELEASE ABATEMENT MEASURE
RAO CLASS:

TS DATE: 8-25/1999
AUL RESTRICTION.
LSP: JAMES YOUNG
RA STATUS TRANSMITTAL RECEIVED
RAS TYPE: TIER2TRANS
RAO CLASS:

ACT DATE: 5/25/1990
ACT USE LIMITATION:
ACT STATUS. WAVREC
ACT TYPE: TRANSITION REGULATIONS
RAO CLASS. A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE 5/25/1990
ACT USE LIMITATION:
ACT STATUS: VALID TRANSITION SITE
ACT TYPE: RELEASE DISPOSITION
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 7/6/1992
ACT USE LIMITATION:
ACT STATUS: ISSUED
ACT TYPE: NOTICE OF RESPONSIBILITY
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 7/6/1992
ACT USE LIMITATION:
ACT STATUS NAFNVD
ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE
RAO CLASS A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 7/28/1992
ACT USE LIMITATION:
ACT STATUS: WAVSIG
ACT TYPE: TRANSITION REGULATIONS
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 8/24/1992
ACT USE LIMITATION:
ACT STATUS: TRANSMITTAL RECEIVED
ACT TYPE: TIER CLASSIFICATION
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

- Continued on next page -

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

STATE

SEARCH ID: 5 **DIST/DIR:** 0.39 NW **ELEVATION:** 329 **MAP ID:** 9

NAME: GROTON MOBIL FMR
ADDRESS: 232 MAIN ST
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 10/29/10
ID1: 2-0000767
ID2:
STATUS: RAO
PHONE:

ACT DATE 8/24/1992
ACT USE LIMITATION
ACT STATUS WAVACC
ACT TYPE TRANSITION REGULATIONS
RAO CLASS A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE 9/5/1997
ACT USE LIMITATION
ACT STATUS TIER 2 CLASSIFICATION
ACT TYPE TIER CLASSIFICATION
RAO CLASS A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE 9/5/1997
ACT USE LIMITATION
ACT STATUS TIER 2 EXTENSION
ACT TYPE TIER CLASSIFICATION
RAO CLASS A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE 9/22/1997
ACT USE LIMITATION
ACT STATUS: SCOPE OF WORK RECEIVED
ACT TYPE PHASE 2
RAO CLASS A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE 2/13/1998
ACT USE LIMITATION
ACT STATUS WRITTEN PLAN RECEIVED
ACT TYPE RELEASE ABATEMENT MEASURE
RAO CLASS A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE 6/22/1998
ACT USE LIMITATION
ACT STATUS STATUS REPORT RECEIVED
ACT TYPE RELEASE ABATEMENT MEASURE
RAO CLASS A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE 7/2/1998
ACT USE LIMITATION
ACT STATUS TIER 2 EXTENSION
ACT TYPE TIER CLASSIFICATION
RAO CLASS A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE 9/2/1998
ACT USE LIMITATION
ACT STATUS COMPLETION STATEMENT RECEIVED
ACT TYPE RELEASE ABATEMENT MEASURE
RAO CLASS A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE 8/16/1999
ACT USE LIMITATION
ACT STATUS WRITTEN PLAN RECEIVED

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

STATE

SEARCH ID: 5 **DIST/DIR:** 0.39 NW **ELEVATION:** 329 **MAP ID:** 9

NAME: GROTON MOBIL FMR
ADDRESS: 232 MAIN ST
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 10/29/10
ID1: 2-0000767
ID2:
STATUS: RAO
PHONE:

ACT TYPE: RELEASE ABATEMENT MEASURE
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 8/25/1999
ACT USE LIMITATION:
ACT STATUS: TIER 2 TRANSFER
ACT TYPE: TIER CLASSIFICATION
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 8/25/1999
ACT USE LIMITATION:
ACT STATUS: TIER 2 EXTENSION
ACT TYPE: TIER CLASSIFICATION
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 10/20/1999
ACT USE LIMITATION:
ACT STATUS: ACO
ACT TYPE: COMPLIANCE AND ENFORCEMENT
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 12/17/1999
ACT USE LIMITATION:
ACT STATUS: COMPLETION STATEMENT RECEIVED
ACT TYPE: RELEASE ABATEMENT MEASURE
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 3/14/2000
ACT USE LIMITATION:
ACT STATUS: ACO
ACT TYPE: COMPLIANCE AND ENFORCEMENT
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 9/14/2000
ACT USE LIMITATION:
ACT STATUS: COMPLETION STATEMENT RECEIVED
ACT TYPE: PHASE 2
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 9/14/2000
ACT USE LIMITATION:
ACT STATUS: COMPLETION STATEMENT RECEIVED
ACT TYPE: PHASE 3
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 12/26/2000
ACT USE LIMITATION:
ACT STATUS: WRITTEN PLAN RECEIVED
ACT TYPE: PHASE 4
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

ACT DATE: 6/12/2001

- Continued on next page -

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

STATE

ARCH ID: 5 DIST/DIR: 0.39 NW ELEVATION: 329 MAP ID: 9

ME: GROTON MOBIL FMR
DRESS: 232 MAIN ST
GROTON MA 01450
MIDDLESEX
NTACT:
URCE: MA DEP

REV: 10/29/10
ID1: 2-0000767
ID1:
STATUS: RAO
PHONE:

CT USE LIMITATION
CT STATUS COMPLETION STATEMENT RECEIVED
CT TYPE: PHASE 4
AO CLASS A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

CT DATE 9/6/2001
CT USE LIMITATION
CT STATUS IMRCD
CT TYPE PHASE 5
AO CLASS A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

CT DATE 9/6/2001
CT USE LIMITATION
CT STATUS RAO STATEMENT RECEIVED
CT TYPE RESPONSE ACTION OUTCOME - RAO
AO CLASS A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

CT DATE 3/15/2002
CT USE LIMITATION
CT STATUS IMRCD
CT TYPE PHASE 5
AO CLASS A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

CT DATE 9/23/2002
CT USE LIMITATION
CT STATUS REVISED STATEMENT OR TRANSMITTAL RECEIVED
CT TYPE RESPONSE ACTION OUTCOME - RAO
AO CLASS A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

CT DATE 10/8/2002
CT USE LIMITATION
CT STATUS TECHNICAL SCREEN AUDIT
CT TYPE RESPONSE ACTION OUTCOME - RAO

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

STATE

SEARCH ID: 10 DIST/DIR: 0.39 NW ELEVATION: 329 MAP ID: 10

NAME: TEXACO STATION FMR
ADDRESS: 235 MAIN ST
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 10/29/10
ID1: 2-0000934
ID1:
STATUS: RAO
PHONE:

SITE INFORMATION

STATUS RAO - (Response Action Outcome): a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.

LTBI: CONFIRMED
DELETED: REMOVED:

LTBI: CONFIRMED.
DELETED: REMOVED:

LTBI: 10/15/1992 CONFIRMED: 10/15/1992
DELETED: REMOVED:

LOCATION TYPE: FORMER. GASSTATION.
SOURCE: UST;
SITE DESCRIPTION: WASTE OIL PRESENT; CONTAINED IN A LUST, GROUNDWATER RELEASE THREAT, RELEASE TO SOIL. GASOLINE PRESENT; GAS STATION; FORMER;

OTHER CONTAMINATION:
OTHER RELEASES:
OTHER PROBLEMS.
OTHER TYPE OF SITE.

CHEMICALS

WATER

SITE ACTIONS

TS DATE: 5/7/1998
AUL RESTRICTION: NON
LSP:
RA STATUS. FEE RECEIVED-FMCRA USE ONLY
RAS TYPE: RESPONSE ACTION OUTCOME - RAO
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND

TS DATE: 5/4/1998
AUL RESTRICTION:
LSP: JEFFREY CURTIS
RA STATUS:
RAS TYPE: LSP-RAOEQ
RAO CLASS:

ACT DATE: 8/21/1992
ACT USE LIMITATION:
ACT STATUS: VALID TRANSITION SITE
ACT TYPE: RELEASE DISPOSITION
RAO CLASS: NC

ACT DATE: 8/21/1992
ACT USE LIMITATION:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

STATE

SEARCH ID: 10 **DIST/DIR:** 0.39 NW **ELEVATION:** 329 **MAP ID:** 10

NAME: TEXACO STATION FMR
ADDRESS: 235 MAIN ST
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 10/29/10
ID1: 2-0000934
ID2:
STATUS: RAO
PHONE:

RAO CLASS NC

ACT DATE 6/17/1998
ACT USE LIMITATION
ACT STATUS INTERIM DEADLINE LETTER ISSUED
ACT TYPE COMPLIANCE AND ENFORCEMENT
RAO CLASS NC

ACT DATE 5/4/1998
ACT USE LIMITATION
ACT STATUS RAOEQ
ACT TYPE TRANSITION REGULATIONS
RAO CLASS NC

ACT DATE 5/7/1998
ACT USE LIMITATION:
ACT STATUS FEE RECEIVED-FMCRA USE ONLY
ACT TYPE RESPONSE ACTION OUTCOME - RAO
RAO CLASS NC

ACT DATE 10/26/1999
ACT USE LIMITATION
ACT STATUS FEE NOT REQUIRED-FEE CREDITED-FMCRA USE ONLY
ACT TYPE RESPONSE ACTION OUTCOME RAO

Environmental FirstSearch
Site Detail Report

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

STATE

SEARCH ID: 8 **DIST/DIR:** 0.47 SE **ELEVATION:** 339 **MAP ID:** 12

NAME: PETERBOROUGH OIL COMPANY
ADDRESS: 3 BOSTON RD
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 10/29/10
ID1: 2-0000390
ID2:
STATUS: RAO
PHONE:

SITE INFORMATION

STATUS: RAO - (Response Action Outcome): a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated

LTBI: 1/15/1989 CONFIRMED
DELETED: REMOVED:

LOCATION TYPE:
SOURCE:
SITE DESCRIPTION

CHEMICALS

UNKNOWN

SITE ACTIONS

LSP INVOLVED: MICHAEL DACEY

LSP INVOLVED: JEFFREY CURTIS

TS DATE: 8/4/1995
AUL RESTRICTION
LSP: TERENCE MCSWEENEY
RA STATUS: COMPLETION STATEMENT RECEIVED
RAS TYPE: PHASE I
RAO CLASS:

TS DATE: 7/30/1999
AUL RESTRICTION
LSP: MICHAEL BINGHAM
RA STATUS: COMPLETION STATEMENT RECEIVED
RAS TYPE: PHASEIII
RAO CLASS:

TS DATE: 6/13/2000
AUL RESTRICTION.
LSP: JEFFREY CURTIS
RA STATUS: TRANSMITTAL RECEIVED
RAS TYPE: TIER2EXT
RAO CLASS:

TS DATE: 8/3/1995
AUL RESTRICTION:
LSP: TERENCE MCSWEENEY
RA STATUS: TRANSMITTAL RECEIVED
RAS TYPE: LSP-FA
RAO CLASS:

TS DATE 9/22/1997
AUL RESTRICTION

- Continued on next page -

STATE

EARCH ID: 8 **DIST/DIR:** 0.47 SE **ELEVATION:** 339 **MAP ID:** 12

ME:	PETERBOROUGH OIL COMPANY	REV:	10/29/10
DRESS:	3 BOSTON RD	ID1:	2-0000390
	GROTON MA 01450	ID2:	
	MIDDLESEX	STATUS:	RAO
NTACT:		PHONE:	
URCE:	MA DEP		

SP ELLEN THIBODEAU
A STATUS COMPLETION STATEMENT RECEIVED
AS TYPE PHASEII
AO CLASS

S DATE 6/4/1993
UL RESTRICTION
SP TERENCE MCSWEENEY
A STATUS
AS TYPE TIER CLASSIFICATION
AO CLASS

S DATE 1/2/1998
UL RESTRICTION
SP ELLEN THIBODEAU
A STATUS COMPLETION STATEMENT RECEIVED
AS TYPE PHASEII
AO CLASS

S DATE 9/23/1999
UL RESTRICTION
SP MICHAEL BINGHAM
A STATUS RECEIVED
AS TYPE PHASEIV
AO CLASS

CT DATE 1/15/1989
CT USE LIMITATION
CT STATUS VALID TRANSITION SITE
CT TYPE RELEASE DISPOSITION
AO CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
TIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

CT DATE: 8/3/1995
CT USE LIMITATION
CT STATUS LSPFA
CT TYPE TRANSITION REGULATIONS
O CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
TIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

T DATE 8/4/1995
T USE LIMITATION
T STATUS TRANSMITTAL RECEIVED
T TYPE TIER CLASSIFICATION
O CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
TIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

T DATE 8/4/1995
T USE LIMITATION
T STATUS COMPLETION STATEMENT RECEIVED
T TYPE PHASE 1
O CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN
TIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

T DATE 8/4/1995

- Continued on next page -

STATE

SEARCH ID: 8 **DIST/DIR:** 0.47 SE **ELEVATION:** 339 **MAP ID:** 12

NAME:	PETERBOROUGH OIL COMPANY	REV:	10/29/10
ADDRESS:	3 BOSTON RD	ID1:	2-0000390
	GROTON MA 01450	ID2:	
	MIDDLESEX	STATUS:	RAO
CONTACT:		PHONE:	
SOURCE:	MA DEP		

ACT STATUS TIER 2 CLASSIFICATION
ACT TYPE TIER CLASSIFICATION
RAO CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE. 9/22/1997
ACT USE LIMITATION:
ACT STATUS: COMPLETION STATEMENT RECEIVED
ACT TYPE: PHASE 2
RAO CLASS: A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE: 1/2/1998
ACT USE LIMITATION:
ACT STATUS: COMPLETION STATEMENT RECEIVED
ACT TYPE: PHASE 2
RAO CLASS: A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE: 7/30/1999
ACT USE LIMITATION:
ACT STATUS: COMPLETION STATEMENT RECEIVED
ACT TYPE: PHASE 3
RAO CLASS: A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE: 9/23/1999
ACT USE LIMITATION:
ACT STATUS: WRITTEN PLAN RECEIVED
ACT TYPE: PHASE 4
RAO CLASS: A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE: 6/13/2000
ACT USE LIMITATION:
ACT STATUS: TIER 2 EXTENSION
ACT TYPE TIER CLASSIFICATION
RAO CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE: 6/29/2000
ACT USE LIMITATION:
ACT STATUS: NON
ACT TYPE: COMPLIANCE AND ENFORCEMENT
RAO CLASS: A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE: 5/8/2001
ACT USE LIMITATION.
ACT STATUS: MODIFIED REVISED OR UPDATED PLAN RECEIVED
ACT TYPE. PHASE 4
RAO CLASS. A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE 5/31/2001
ACT USE LIMITATION:
ACT STATUS: TIER 2 EXTENSION
ACT TYPE: TIER CLASSIFICATION
RAO CLASS: A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN

- Continued on next page -

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

STATE

SEARCH ID: 8 **DIST/DIR:** 0.47 SE **ELEVATION:** 339 **MAP ID:** 12

NAME: PETERBOROUGH OIL COMPANY
ADDRESS: 3 BOSTON RD
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 10/29/10
ID1: 2-0000390
ID2:
STATUS: RAO
PHONE:

ACT DATE 7/13/2001
ACT USE LIMITATION:
ACT STATUS PERMIT OR TIER 2 EXTENSION DENIED
ACT TYPE: TIER CLASSIFICATION
RAO CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE 8/1/2001
ACT USE LIMITATION
ACT STATUS REMEDY OPERATION STATUS SUBMITTAL RECEIVED
ACT TYPE PHASE 5
RAO CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE 8/1/2001
ACT USE LIMITATION
ACT STATUS: COMPLETION STATEMENT RECEIVED
ACT TYPE PHASE 4
RAO CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE 8/14/2002
ACT USE LIMITATION
ACT STATUS REMEDY OPERATION STATUS SUBMITTAL RECEIVED
ACT TYPE PHASE 5
RAO CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE 11/12/2002
ACT USE LIMITATION.
ACT STATUS REMEDY OPERATION STATUS SUBMITTAL RECEIVED
ACT TYPE PHASE 5
RAO CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE 9/5/2003
ACT USE LIMITATION
ACT STATUS REMEDY OPERATION STATUS SUBMITTAL RECEIVED
ACT TYPE PHASE 5
RAO CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE 9/19/2003
ACT USE LIMITATION
ACT STATUS TECHNICAL SCREEN AUDIT
ACT TYPE PHASE 5
RAO CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE 10/8/2003
ACT USE LIMITATION
ACT STATUS REMEDY OPERATION STATUS SUBMITTAL RECEIVED
ACT TYPE PHASE 5
RAO CLASS A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE 10/28/2003
ACT USE LIMITATION
ACT STATUS TECHNICAL SCREEN AUDIT

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

STATE

SEARCH ID: 8 **DIST/DIR:** 0.47 SE **ELEVATION:** 339 **MAP ID:** 12

NAME: PETERBOROUGH OIL COMPANY
ADDRESS: 3 BOSTON RD
GROTON MA 01450
MIDDLESEX
CONTACT:
SOURCE: MA DEP

REV: 10/29/10
ID1: 2-0000390
ID2:
STATUS: RAO
PHONE:

RAO CLASS: A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE: 2/10/2005
ACT USE LIMITATION:
ACT STATUS: REMEDY OPERATION STATUS SUBMITTAL RECEIVED
ACT TYPE: PHASE 5
RAO CLASS: A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE. 5/5/2005
ACT USE LIMITATION.
ACT STATUS TRANSMITTAL RECEIVED
ACT TYPE. ACTIVITY AND USE LIMITATION
RAO CLASS: A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE: 5/5/2005
ACT USE LIMITATION:
ACT STATUS: RAO STATEMENT RECEIVED
ACT TYPE: RESPONSE ACTION OUTCOME - RAO
RAO CLASS: A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE: 5/19/2005
ACT USE LIMITATION:
ACT STATUS: TECHNICAL SCREEN AUDIT
ACT TYPE: RESPONSE ACTION OUTCOME - RAO
RAO CLASS: A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED CONTAMINATION HAS NOT BEEN REDUCED TO BACKROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

ACT DATE: 7/26/2005
ACT USE LIMITATION
ACT STATUS. TECHNICAL SCREEN AUDIT
ACT TYPE: PHASE 5

Environmental FirstSearch Descriptions

NPL: EPA NATIONAL PRIORITY LIST - The National Priorities List is a list of the worst hazardous waste sites that have been identified by Superfund. Sites are only put on the list after they have been scored using the Hazard Ranking System (HRS), and have been subjected to public comment. Any site on the NPL is eligible for cleanup using Superfund Trust money. A Superfund site is any land in the United States that has been contaminated by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.FINAL - Currently on the Final NPLPROPOSED - Proposed for NPL

NPL DELISTED: EPA NATIONAL PRIORITY LIST Subset - Database of delisted NPL sites. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.DELISTED - Deleted from the Final NPL

CERCLIS: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)- CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL PART OF NPL- Site is part of NPL siteDELETED - Deleted from the Final NPLFINAL - Currently on the Final NPLNOT PROPOSED - Not on the NPLNOT VALID - Not Valid Site or IncidentPROPOSED - Proposed for NPLREMOVED - Removed from Proposed NPLSCAN PLAN - Pre-proposal SiteWITHDRAWN - Withdrawn

NFRAP: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.NFRAP – No Further Remedial Action PlanP - Site is part of NPL siteD - Deleted from the Final NPLF - Currently on the Final NPLN - Not on the NPLO - Not Valid Site or IncidentP - Proposed for NPLR - Removed from Proposed NPLS - Pre-proposal SiteW – Withdrawn

RCRA COR ACT: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.RCRAInfo facilities that have reported violations and subject to corrective actions

RCRA TSD: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.Facilities that treat, store, dispose, or incinerate hazardous waste.

RCRA GEN: MA DEP HAZARDOUS WASTE GENERATORS - Database of small and very small quantity generators of hazardous waste or waste oil. These site are regulated by the MA DEP.

RCRA GEN: EPA/MA DEP/CT DEP RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.Facilities that generate or transport hazardous waste or meet other RCRA requirements.LGN - Large Quantity GeneratorsSGN - Small Quantity GeneratorsVGN – Conditionally Exempt Generator Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities. CONNECTICUT HAZARDOUS WASTE MANIFEST – Database of all shipments of hazardous waste within, into or from Connecticut. The data includes date of shipment, transporter and TSD info, and material shipped and quantity. This data is appended to the details of existing generator records. MASSACHUSETTES HAZARDOUS WASTE GENERATOR – database of generators that are regulated under the MA DEP. VQN-MA = generates less than 220 pounds or 27 gallons per month of hazardous waste or waste oil.SQN-MA = generates 220 to 2,200 pounds or 27 to 270 gallons per month of waste oil.LQG-MA = generates greater than 2,200 lbs of hazardous waste or waste oil per month.

RCRA NLR: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.not currently classified by the EPA but are still included in the RCRAInfo database. Reasons for non classification: Failure to report in a timely matter. No longer in business. No longer in business at the listed address. No longer generating hazardous waste materials in quantities which require reporting.

Fed Brownfield: EPA BROWNFIELD MANAGEMENT SYSTEM (BMS) - database designed to assist EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various Brownfield grant Programs./n CLEANUPS IN MY COMMUNITY (subset) - Sites, facilities and properties that have been contaminated by hazardous materials and are being, or have been, cleaned up under EPA's brownfield's program.

ERNS: EPA/NRC EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) - Database of incidents reported to the National Response Center. These incidents include chemical spills, accidents involving chemicals (such as fires or explosions), oil spills, transportation accidents that involve oil or chemicals, releases of radioactive materials, sightings of

oil sheens on bodies of water, terrorist incidents involving chemicals, incidents where illegally dumped chemicals have been found, and drills intended to prepare responders to handle these kinds of incidents. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

Tribal Lands: DOI/BIA INDIAN LANDS OF THE UNITED STATES - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation.BUREAU OF INDIAN AFFIARS CONTACT - Regional contact information for the Bureau of Indian Affairs offices.

State/Tribal Sites: MA DEP WASTE SITE CLEANUP NOTIFICATION DATABASE SUBSET - database of sites in the Commonwealth where a release of oil or hazardous material has been reported to the Department of Environmental Protection (DEP) and the site is Tier Classified or Pre Classified. Sites are usually Tier Classified (1A, 1B, 1C, 1D, and 2) using the Numerical Ranking System (NRS). The NRS scores sites on a point system based on a variety of factors. These include the site's complexity, the type of contamination, and the potential for human or environmental exposure to the contamination. In addition, some sites are automatically classified as Tier 1 sites if they pose an imminent hazard, affect public water supplies, or miss regulatory deadlines. Also includes MA 21E SITES, a database of sites regulated under General Law Chapter 21E (the Massachusetts "Superfund" Law). Chapter 21E gives the Department of Environmental Protection (DEP) the task of ensuring that releases and threats of release of oil and hazardous material are cleaned up by the parties responsible for them The database contains confirmed, LTBI, waiver, deleted and reserved sites.

State Spills 90: MA DEP WASTE SITE CLEANUP NOTIFICATION DATABASE - database of sites in the Commonwealth where a release of oil or hazardous material has been reported to the Department of Environmental Protection (DEP) since 1990. The data includes location, source, chemical, amount, notification date and Release Tracking Number (RTN).

State/Tribal SWL: MA DEP SOLID WASTE FACILITY DATABASE - database of the solid waste landfills, combustion facilities, and transfer stations in Massachusetts. This data includes facility type, location, capacity, owner and operator contact information, and years of operation.

State/Tribal LUST: MA DEP FIRSTSEARCH PROPRIETARY DATABASE OF LEAKING UNDERGROUND STORAGE TANKS - database of sites in the Commonwealth where a release of oil or hazardous material has been reported and the source is a tank. This database is a subset of the WASTE SITE CLEANUP NOTIFICATION DATABASE

State/Tribal UST/AST MA DEP UNDERGROUND STORAGE TANK (UST) REGISTRY DATABASE - database of regulated UST in the Commonwealth and tracks its status.

State/Tribal IC MA DEP DATABASE OF ACTIVITY AND USE LIMITATION (AUL) - database of sites receiving an AUL. An AUL provides Notice to users of property of the presence of oil or hazardous material contamination remaining at the location after a cleanup has been conducted pursuant to M.G.L.Chapter 21E and the Massachusetts Contingency Plan. The AUL is a legal document that identifies activities and uses of the property that may and may not occur, as well as the property owner's obligation and maintenance conditions that must be followed to ensure the safe use of the property.

State/Tribal Brownfields: MA AGO COMPLETED BROWNFIELD COVENANTS - Database of properties that have been coverd under a completed brownfields covenant not to sue agreement. Massachusetts law M.G.L. c. 21E provides the Attorney General's Office with the authority to enter into Brownfields Covenant Not to Sue Agreements for the sites not addressed by the automatic liability protections. In exchange for a commitment to clean up a site and to undertake a project that contributes to the economic or physical revitalization of the community, we can provide individually-tailored liability relief to property owners and developers at the most difficult sites.

State Wells: MassGIS PUBLIC WATER SUPPLY (PWS) DATA LAYER - database of locations of public community surface and groundwater supply sources and public non-community supply sources as defined in 310 CMR 22.00. The public water supply systems represented in this data layer are based primarily on information in the DEP's Water Quality Testing System (WQTS) database. The WQTS database is the Department's central database for tracking water supply data. The PWS data layer also contains the locations of proposed wells that have a defined DEP approved wellhead protection area (Zone IIs).

Aquifers: MassGIS AQUIFERS DATABASE - database of potential and non-potentially productive high, medium, and low yield aquifers as well as sole source aquifers. Information regarding aquifer size, transmissivity, and yield in gallons per minute is also included.

NPDES: EPA THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM - Database of permitted facilities receiving and discharging effluents to and from a natural source where treatment of the effluent is monitored.

PADS: EPA DATABASE OF PCB HANDLERS - Database of PolyChlorinatedBiPhenol generators, transporters, storers and/or disposers that are required to register with the EPA. This database indicates the type of handler and registration number. Also included is the PCB Transformer Registration Database.

State Other: US DOJ NATIONAL CLANDESTINE LABORATORY REGISTER - Database of addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the U.S. Department of Justice ("the Department"), and the Department has not verified the entry and does not guarantee its accuracy. All sites that are included in this data set will have an id that starts with NCLR.

State Other: MA DEP NOT REPORTABLE - Database of releases that don't meet the criteria to be accepted into the Reportable Releases or the Waste Site Cleanup database o to the amount of material released.COMPLAINTS – Database of complaints filed with the Bureau of Waste Site Cleanup. The data includes complaint types of drum, dump, fire, sheen, spill ....

Federal IC / EC: EPA FEDERAL ENGINEERING AND INSTITUTIONAL CONTROLS- Superfund sites that have either an engineering or an institutional control. The data includes the control and the media contaminated. RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES (RCRA) – RCRA site the have institutional controls.

Meth Labs: US DOJ NATIONAL CLANDESTINE LABORATORY REGISTER - Database of addresses of some

locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the U.S. Department of Justice ("the Department"), and the Department has not verified the entry and does not guarantee its accuracy. All sites that are included in this data set will have an id that starts with NCLR.

Environmental FirstSearch Database Sources

NPL: EPA Environmental Protection Agency

Updated quarterly

NPL DELISTED: EPA Environmental Protection Agency

Updated quarterly

CERCLIS: EPA Environmental Protection Agency

Updated quarterly

NFRAP: EPA Environmental Protection Agency.

Updated quarterly

RCRA COR ACT: EPA Environmental Protection Agency.

Updated quarterly

RCRA TSD: EPA Environmental Protection Agency.

Updated quarterly

RCRA GEN: MA DEP Massachusetts Department of Environmental Protection. Bureau of Waste Prevention

Updated when available

RCRA GEN: EPA/MA DEP/CT DEP Environmental Protection Agency, Massachusetts Department of Environmental Protection, Connecticut Department of Environmental Protection

Updated quarterly

RCRA NLR: EPA Environmental Protection Agency

Updated quarterly

Fed Brownfield: EPA Environmental Protection Agency

Updated quarterly

ERNS: EPA/NRC Environmental Protection AgencyNational Response Center.

Updated annually

Tribal Lands: DOI/BIA United States Department of the InteriorBureau of Indian Affairs

Updated annually

State/Tribal Sites: MA DEP Massachusetts Department of Environmental Protection

Updated quarterly

State Spills 90: MA DEP Massachusetts Department of Environmental Protection.

Updated quarterly

State/Tribal SWL: MA DEP Massachusetts Department of Environmental Protection

Updated annually

State/Tribal LUST: MA DEP Massachusetts Department of Environmental Protection

Updated quarterly

State/Tribal UST/AST. MA DEP Massachusetts Department of Environmental Protection

Updated quarterly

State Tribal IC: MA DEP Massachusetts Department of Environmental Protection

Updated quarterly

State Tribal Brownfields: MA AGO Massachusetts Attorney Generals Office

Updated when available

State Wells: MassGIS Massachusetts Executive Office of Environmental Affairs

Updated quarterly

Aquifers: MassGIS Massachusetts Executive Office of Environmental Affairs

Updated when available

NPDES: EPA Environmental Protection Agency

Updated quarterly

PADS: EPA Environmental Protection Agency

Updated quarterly

State Other: US DOJ U.S. Department of Justice

Updated when available

State Other: MA DEP Massachusetts Department of Environmental Protection

Updated when available

Federal IC / EC: EPA Environmental Protection Agency

Updated quarterly

Meth Labs: US DOJ U.S. Department of Justice

Updated when available

Environmental FirstSearch

Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: 134 MAIN ST
GROTON MA 01450

JOB: 2011-43

Street Name	Dist/Dir	Street Name	Dist/Dir
ıad Meadow Rd	0.04 SE		
urt St	0.22 NW		
gh St	0.08 SE		
llis St	0.21 NW		
well Rd	0.04 SE		
in St	0.02 NW		
ygtound Rd	0.10 SW		
vder House Rd	0.25 SE		
tion Ave	0.16 NW		

FIRSTSEARCH

HISTORICAL FIRE INSURANCE MAPS

MAPS AVAILABLE

03-18-11
2011-43
134 MAIN ST
GROTON MA 01450

A search of FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability confirmed that there is a high probability that MAPS ARE AVAILABLE for the Subject Location as shown above.

FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability represents abstracted information from the Sanborn® Map Company obtained through online access to the U.S. Library of Congress via local libraries.

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Section Five

Notice of Intent

Boynton Meadows at Gibbet Hill

Notice of Intent

Boynton Meadows at Gibbet Hill
Blacksmith Row
134 Main Street
Groton, MA

July 2011

Submitted to:
Groton Conservation Commission
Town Hall, 173 Main Street
Groton, MA 01450

Submitted by:
Mount Laurel Development, LLC
P.O. Box 1444
1000 Mount Laurel Circle, Suite 4
Shirley, MA 01464

Prepared by:
Goldsmith, Prest & Ringwall, Inc.
39 Main Street, Suite 301
Ayer, MA 01432

Oxbow Associates, Inc.
P.O. Box 971
Acton, MA 01720

Project No:
111007

GPR Engineering Solutions for Land & Structures

Table of Contents

WPA Form 3 - Notice of Intent

Narrative / Cover Letter

Notice of Intent MESA Supplement (Section C) (NHESP Track # 11-29413)
by Oxbow Associates, Inc. Dated July 15, 2011.

Locus Map - USGS Quad (1"=2000' & Enlarged)

Assessor's Map

Appendix

Proof of Mailing to NHESP

Affidavit of Service

Abutter Notice

Certified List of Abutters Within 300'

WPA Appendix B - Wetland Fee Transmittal Form

Copy of Fee Checks

Attachments

TCOD, Boynton Meadows at Gibbet Hill - Permit Plans (24"x36")
by Goldsmith, Prest & Ringwall, Inc. Dated July 2011.
Stormwater Management Report
by Goldsmith, Prest & Ringwall, Inc. Dated July 2011.
Long-Term Pollution Prevention & Stormwater System Operation and Maintenance Plan
by Goldsmith, Prest & Ringwall, Inc. Dated July 2011.
Fee Checks

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
And the Town of Groton Wetlands Protection Bylaw

Provided by MassDEP:
MassDEP File Number
Document Transaction Number
Groton
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):

134 Main Street — a. Street Address
Groton — b. City/Town
01450 — c. Zip Code

Latitude and Longitude:
42° 36' 29" — d. Latitude
71° 34' 07" — e. Longitude
113 — f. Assessors Map/Plat Number
9 — g. Parcel /Lot Number

2. Applicant:

Robert — a. First Name
France — b. Last Name
Mount Laurel Development, LLC — c. Organization
1000 Mount Laurel Circle, Unit 4 — d. Street Address
Shirley — e. City/Town
MA — f. State
01464-1444 — g. Zip Code
978-425-9802 — h. Phone Number
978-425-0354 — i. Fax Number
bfrance@senateconstruction.com — j. Email Address

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

Walter — a. First Name
Dwyer — b. Last Name
North Middlesex Savings Bank — c. Organization
7 Main Street — d. Street Address
Ayer — e. City/Town
MA — f. State
01432 — g. Zip Code
978-772-8502 — h. Phone Number
978-772-4719 — i. Fax Number
Walter.Dwyer@NMSB.com — j. Email address

4. Representative (if any):

Bruce — a. First Name
Ringwall — b. Last Name
Goldsmith, Prest & Ringwall, Inc. — c. Company
39 Main Street, Suite 301 — d. Street Address
Ayer — e. City/Town
MA — f. State
01432 — g. Zip Code
978-772-1590 — h. Phone Number
978-772-1591 — i. Fax Number
bringwall@gpr-inc.com — j. Email address

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

$1550 — a. Total Fee Paid
$767.50 — b. State Fee Paid
$5,450 per Ch, 43D permit — c. City/Town Fee Paid

A. General Information (continued)

6. General Project Description:

Mixed Use/Residential Development with grading, drainage and two dwelling structures within the 100 ft. buffer zone. Also the control of nuisance vegeation.

7a. Project Type Checklist:

1. ☐ Single Family Home
2. ☐ Residential Subdivision
3. ☐ Limited Project Driveway Crossing
4. ☐ Commercial/Industrial
5. ☐ Dock/Pier
6. ☐ Utilities
7. ☐ Coastal Engineering Structure
8. ☐ Agriculture (e.g., cranberries, forestry)
9. ☐ Transportation
10. ☒ Other

7b. Is any portion of the proposed activity eligible to be treated as a 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:

2. Limited Project

8. Property recorded at the Registry of Deeds for:

Middlesex County	
a. County	b. Certificate # (if registered land)
54749	456
c. Book	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.

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. ☐ Bank	1. linear feet	2. linear feet
b. ☐ Bordering Vegetated Wetland	1. square feet	2. square feet
c. ☐ Land Under Waterbodies and Waterways	1. square feet 3. cubic yards dredged	2. square feet

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

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. ☐ Bordering Land Subject to Flooding	1. square feet	2. square feet
	3. cubic feet of flood storage lost	4. cubic feet replaced
e. ☐ Isolated Land Subject to Flooding	1. square feet	
	2. cubic feet of flood storage lost	3. cubic feet replaced
f. ☐ Riverfront Area	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: _____ square feet

4. Proposed alteration of the Riverfront Area:

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)

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.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. ☐ Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. ☐ Land Under the Ocean	1. square feet	
	2. cubic yards dredged	
c. ☐ Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. ☐ Coastal Beaches	1. square feet	2. cubic yards beach nourishment
e. ☐ Coastal Dunes	1. square feet	2. cubic yards dune nourishment

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

		Size of Proposed Alteration	Proposed Replacement (if any)
f. ☐	Coastal Banks	1. linear feet	
g. ☐	Rocky Intertidal Shores	1. square feet	
h. ☐	Salt Marshes	1. square feet	2. sq ft restoration, rehab., creation
i. ☐	Land Under Salt Ponds	1. square feet 2. cubic yards dredged	
j. ☐	Land Containing Shellfish	1. square feet	
k. ☐	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. ☐	Land Subject to Coastal Storm Flowage	1. square feet	

4. ☐ 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. ☐ Project Involves Stream Crossings

a. number of new stream crossings _____ b. number of replacement stream crossings _____

C. Other Applicable Standards and Requirements

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
Route 135, North Drive
Westborough, MA 01581

2008
b. Date of map

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

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).*

1. c. Submit Supplemental Information for Endangered Species Review*

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

      (a) within wetland Resource Area — 0% (percentage/acreage)

      (b) outside Resource Area — 71% (percentage/acreage)

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

   3. ☒ 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

      (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

   d. 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 # 11-29413 — b. Date submitted to NHESP

---

* 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.

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

3. ☐ Separate MESA review completed.
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

2. 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.

3. 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.

Petapawag
b. ACEC

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 designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?

a. ☐ Yes ☒ No

5. 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

6. 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:

1. ☐ Single-family house

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

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

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.

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.

Town Center Overlay District - Boynton Meadows at Gibbet Hill
a. Plan Title

Goldsmith, Prest & Ringwall, Inc.
b. Prepared By

Douglas E. Miller, PE
c. Signed and Stamped by

July 2011
d. Final Revision Date

1" = 30'
e. Scale

see attached
f. Additional Plan or Document Title

July 2011
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.

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
And the Town of Groton Wetlands Protection Bylaw

Provided by MassDEP:
MassDEP File Number
Document Transaction Number
Groton
City/Town

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:

Portion of #116 & 117 ($5,450)	7-15-11
2. Municipal Check Number	3. Check date
#115	7-15-11
4. State Check Number	5. Check date
	Mount Laurel Development, LLC
6. Payor name on check: First Name	7. Payor name on check: Last Name

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.

Manager for M.L.D., LLC	7/15/11
1. Signature of Applicant	2. Date
VP	7/15/11
3. Signature of Property Owner (if different)	4. Date
Agent for GPR, Inc	7/15/11
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.

NARRATIVE

to accompany

NOTICE OF INTENT

134 Main Street

Groton, MA

GENERAL

The proposed development is located at 134 Main Street, Groton, MA, approximately 800± feet south of the Groton Town Hall. The property is currently used for a couple of retail and service providers within the three existing structures with paved access and parking areas, covering approximately 13.5% of the site. The property generally slopes upward from Main Street to a high point located 200 feet from the road, at an average 3 to 5 percent grade. From the high point the remaining property slopes an average of 1 to 3 percent to the north before continuing on an average 7 to 9 percent slope to the wetland system that covers the northeastern portion of the property, along with a number of abutting properties. The existing site is accessed via a driveway off of Main Street, located between the front building and the properties southeastern property line. Adjacent to the terminal end of the driveway and most northern building is a large mowed meadow, stretching from the drive and building to the limits of the property lines to the west and northwest property lines and continuing to the delineated limits of the wetland system to the north.

The watershed associated with the project is a total of 3.7± acres, being comprised of the majority of the subject parcel and directly abutting properties which contribute surface runoff to one of two design analysis points. Of the total of 133,727± square feet (sf) a 183,255± sf parcel drains toward the northwest and the wetlands and a total 29,416± sf of abutting land direct surface runoff to the existing drainage system within Main Street. The mapped soils of the watershed consist entirely of Bernardston very fine sandy loam, generally associated with hydraulic soil group C. Onsite soil evaluations have shown parent materials similar to the mapped units consisting of sandy loam adjacent to the Main Street right-of –way and silt loam within the meadow and surrounding area.

Additional description of the current land use and plant community is attached as part of the Section C filing. The buffer zone is broken into two distinct areas of Active Field and Old Field.

> Active Field – This area is predominantly mowed grass, with specimen black walnut trees in and around the field. Approximately 1.72 acres of actively mowed field habitat occupies the west and northwestern portion of the site. This area is level across much of the "yard" area, dropping off topographically in the northwest part of the site where it grades into emergent wetland along a multiflora rose hedge that has established itself along the limit of mowing.
>
> Old Field – This area consists of early successional and mid-successional habitat occupying approximately 0.4 acres. The vegetation in the earlier stage areas includes: Multiflora rose, Virginai creeper, Tartarian honeysuckle, goldenrods, buttercups, red-osier dogwood, wild cucumber, grape and spotted Joe-Pye Weed. More mature areas of the old field habitat support Norway Maples, box elder, black cherry, and black walnut. Neither of the above community types support any significant leaf litter as there is little penetration of light to the ground surface during the growing season and fallen leaf matter appears to compost nearly to completion annually.

The proposed development will include the construction of seven residential dwellings being comprised of one to three family units and modification and addition of the existing structure closest to Main Street, which will have retail suites on the first level and residential units on the second. The structures will be accessed via a new driveway on the north side of the existing structure which will have a cul-de-sac loop located within the limits of the existing meadow. Parking for the commercial

uses and driveways to the residential units are proposed off of the access drive. Post construction the proposed structures and associated paved drives and walks will total 60,395± sf of the site. To accommodate stormwater runoff a to the wetland system and Main Street drainage system a number of Best Management Practices (BMP's) have been proposed, including deep sump hooded catch basins, tree box filters, a grassed channel (biofilter swale), a bioretention area and a constructed stormwater wetland.

Of the proposed development one single family structure and a portion of a second unit are proposed within the outer fifty foot buffer zone. Grading associated with the development as well as LID BMP's and their discharge points are permanent alterations proposed.

Under the post-development scenario, stormwater runoff from proposed roofs, have been disconnected from other impervious surfaces onsite and will be collected via gutters prior to being discharged to infiltration systems or to grass areas prior the defined wetland limit. Runoff from the majority of the paved access drive, from the high point and around the proposed cul-de-sac loop will be directed into a sediment forebay and constructed stormwater wetland prior to being discharged to the wetland system. Area on the downgradient side of the cul-de-sac will be directed into a grassed channel (biofilter swale) prior to a bioretention area or directly into the bioretention area a flowing over grassed and landscaped areas. Impervious areas located behind the proposed residential units and the property boundaries are limited to proposed decks, patios and retaining walls which will not produce any sedimentation. These areas will be graded in a fashion to direct any runoff over long stretches of grassed areas prior to the property boundary and wetland system limits.

The other main activity proposed is the removal of the invasive/exotic vegetation and plant community restoration plan.

Beyond the limit of work at the site a dense, nearly impassible patch of largely exotic vegetation occurs between the project area and the Bordering Vegetated Wetland to the north. A small area of this vegetation lies within mapped Priority and Estimated Habitat; the majority lies to the south of the mapped habitat.

Exotic Species

Species in this zone include: Multiflora rose (*Rosa multiflora*), Tartarian honeysuckle (*Lonicera tartarica*), bittersweet (*Celastrus sinensis*), dogwood (*Cornus amomum*), wild cucumber (*Echinocystis lobata*), grape (*Vitis* spp.) and buttercup (*Ranunculus* sp.). Multiflora rose is the dominant component of the flora and establishes a perimeter between the actively mowed field habitat and the emergent marshland habitat in the northern extreme of the site.

Vegetation Removal

We propose removal of all exotic vegetation in the above described area, as well as incidental removal of native species in the process. Exotics, most notably multiflora rose will be cut and stumped. Judicious use of glyphostate based herbicide will be used in compliance with applicable regulations and standards of practice.

Equipment expected to be used for removal of exotic vegetation includes a rubber tired Bobcat, chain saws, root prybars and other hand tools. Removal of exotic vegetation will be field directed by a qualified biologist to assure retention of native specimens as appropriate.

Restoration Plan

Upon the removal of the exotic vegetation the soil surface will be raked clear and native woody shrub specimens will be planted in the open areas on approximately 20 foot centers. Species to be planted in this manner will be drawn from the following list, or other approved species:

Highbush Blueberry, *Vaccinum corymbosum*

Highbush Cranberry, *Viburnum trilobum*

Northern Arrowwood, *V. recognitum*

Shadbush (*Amelanchier* spp. – native)

Sweet Pepperbush (*Clethra alnifolia*)

American or Beaked Hazelnut (*Corylus* spp.)

Or other approved species.

At the completion of the shrub planting, the intervening bare soil areas will be seeded at 1.-1.5x standard rate with a warm season grass and/or native meadow wildflower mix to stabilize the soil during the maturation and naturalization of the shrub plantings. If planting must be done late in the season, winter rye or other approved annual grass will be used for temporary stabilization with completion of the herbaceous seed mix to be accomplished in the following spring.

Maintenance

The site will be monitored for the first two growing season during the period from May 15 through July 15. An inventory of the extant woody specimens will be conducted, and newly sprouted exotic vegetation will be controlled either via hand pulling, or by topical (not spray) treatment with a Glyphosate based herbicide and the appropriate application tool(s).

A short annual report will be provided by September 30 of each season following the restoration work.

Please refer to the Permit Plans for a detailed drawing of work to be performed on-site.

JURISDICTION

The primary resource area is the bordering vegetated wetland described above. Attendant to this resource area is a 100' wetland buffer zone under the jurisdiction of the Massachusetts Department of Environmental Protection and the Groton Conservation Commission.

Bordering Vegetated Wetland (310 CMR 10.55)

This resource is located to the northwest of the proposed work. No wetland will be disturbed in the proposed project. There is a fair amount of work proposed as described above within the buffer zone.

CONCLUSION

The project has been designed to minimize impacts to the resource areas not only during construction but in perpetuity. We feel the project represents no degradation to the interests of the MassDEP Wetland Protection Bylaw and the Town of Groton Wetland Protection Bylaw.

OXBOW ASSOCIATES, INC.

Wetlands Delineation and Permitting Wildlife Studies Herpetology Vernal Pool Ecology

Notice of Intent MESA Supplement

(Section C)

134 Main Street, Groton, Massachusetts

NHESP Tracking No. 11-29413

Prepared for:

Mount Laurel Development, LLC
1000 Mount Laurel Circle, Unit 4
Shirley, MA 01464

Prepared by:

Oxbow Associates, Inc. P.O. Box 971, Acton, MA 01720-0971
Phone (978) 929-9058 - Fax (978) 635-1892
www.oxbowassociates.com

July 15, 2011

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Introduction

The site is proposed to be developed into a residential condominium project with the addition of eight new buildings of from one to three dwelling units per building. The site will be called Boynton Meadows at Gibbet Hill, referencing the eponymous drumlin to the north of the site across an area of emergent marsh.

Section A. Existing Conditions

A.1. Current Land Uses and Plant Community

The property currently has an historic former inn (more recently an antique shop) building facing Main Street, as well as a barn, several outbuildings and a gazebo in the mowed field.

The 4.25 acres is divided into four generally distinct cover types: Previously developed (with buildings and hard surfaces), Active Field (regularly mowed field or lawn), Old Field (scrub verging on woodland with Norway maple and other oportuninstic tree and shrub species), and Emergent Marsh (bottomland wetland supporting cattail, reed canary grass, purple loosestrife and black willow).

Developed Area

The developed area includes the existing old inn building and is a contiguous 1.0 +/- acre leading north from Main Street along the eastern property line.

Active Field

The most significant cover type on the site is the existing Active Field habitat. This area is predominantly mowed grass, with specimen black walnut (*Juglans nigra*) trees in and around the field. Approximately 1.72 acres of actively mowed field habitat occupies the west and northwestern portion of the site. This area is level across much of the "yard" area, dropping off topographically in the northwest part of the site where it grades into emergent wetland along a multiflora rose (*Rosa multiflora*) hedge that has established itself along the limit of mowing.

Old Field

Old field habitat on the site consists of early successional and mid-successional habitat occupying approximately 0.4 acre. Vegetation in the earlier stage areas includes: Multiflora rose, Virginia creeper (*Parthenocissus quinquefolia*), Tartarian honeysuckle (*Lonicera tartarica*), goldenrods (*Solidago rugosa* et spp.), buttercups (*Ranunculus* spp.), red-osier dogwood (*Cornus amommum*), wild cucumber (*Echinocystis lobata*), grape (*Vitis* sp.) and spotted Joe-Pye Weed (*Eupatoriadelphis maculatum*).

More matured areas of old field habitat support Norway maples (*Acer platanoides*), box elder (*A. negundo*), black cherry (*Prunus serotina*) and black walnut. Neither of the above community types supports any significant leaf litter as there is little penetration of light to the ground surface during the growing season and fallen leaf matter appears to compost nearly to completion annually.

The predominant soil type on the site is Bernardston Very Fine Sandy Loam. In the extreme north of the site, associated with the emergent marsh habitat there is also Swansea and Freetown mucks.

Table 1. Cover Types – 134 Main Street, Groton, MA

Cover Type	Acres
Developed	1.0
Active Field	1.72
Old Field	0.40
Emergent Marsh	1.14
Total	**4.25+/-**

A.2. Rare Species Habitat

EH 519/PH 593

Within the property there is approximately 1.22 acres of mapped Priority and Estimated Habitat associated with Blue-spotted Salamander [complex] (*Ambystoma laterale/jeffersonianum*). The majority (93%) of on site mapped habitat lies within the jurisdictional wetland (emergent marsh) restricted to the northern portion of the property.

Examination of the marsh habitat adjacent to the site did not indicate any areas of probable Blue-spotted Salamander breeding habitat. There are ponds located roughly 600 feet east, 800 feet west and 1200 feet north of the site. There is similarly a system of old agricultural ditches in the emergent marsh that hold water for an extended period.

Nonetheless, available forested habitat is extremely limited in the vicinity of the site and the Gibbet Hill marshes. An area of approximately 1.6 acres of mature second growth hardwood forest is located about 400 feet to the west of the site.

On site woodland is limited to overgrown field habitat supporting Norway maple, and specimens of black cherry, young black walnuts and occasional box elders. There is very little development of leaf litter of duff underlying the treed or scrub-shrub areas. It is therefore improbable that cover types within the property provide any significant mole salamander habitat.

We are unaware of the nature of the Element Occurrence(s) responsible for the mapping. However, personal experience in surveying many areas of Groton have indicated that members of this complex are widely distributed in parts of Groton where we estimate observing them at more than one dozen sites. In certain areas of Town however, they have been found by OA, Inc. and others to be categorically absent.

Section B. Proposed Conditions

B.1. Site Redevelopment

The site currently has approximately one acre of previously developed cover type. Approximately two additional acres are proposed to be developed or otherwise altered in the completion of the project.

No disturbance of Bordering Vegetated Wetland (BVW). The greatest extent of work (site grading) is greater than twenty-five horizontal feet from the BVW boundary. In addition, no work within the mapped Priority or Estimated habitat is proposed.

Restorative Planting

Significant site grading is proposed to at the northern limit of work (see site plans). This grading is required to provide a functional stormwater management system for the site at large. The extent of grading proposed within areas exclusive of the active field habitat is approximately 0.06 acres.

Although we do not believe it is necessary to mitigate for loss of terrestrial salamander habitat (see below) we have proposed native plantings in the area of the new slope as a means of discouraging additional creep of the exotic species that are prevalent at the field margins and beyond currently. These plantings will be comprised of native, locally occurring herbaceous and woody species, to be approved by the Groton Conservation Commission during project review for the Notice of Intent accompanying this Assessment.

B.2. Habitat Impact Analysis

The proposed redevelopment scheme avoids any work within the currently mapped habitat for Blue-spotted Salamander. No breeding habitat will be altered or impacted by the work.

The majority of the site is comprised of upland, either frequently mowed field, or regrowth areas of exotic shrubs and vines, and more advanced areas with Norway maple and other adventicious tree species. Although Regosin, et al. (2005) demonstrated that Blue-spotted Salamanders may be less averse to crossing of open canopy habitat (field or road), in the current context, there is little or no suitable forested habitat for this species to be seeking on the property. Therefore, even if there is some level of breeding within the Gibbet Hill marshes to the north of the project, there is little incentive for these animals to perambulate the site in search of terrestrial habitat.

310 CMR 10.59 – Wetlands Protection Act Regulations

Whereas there is no alteration of actual wetland habitat, nor diminution of water quality to result from the proposed site redevelopment, it is implicit that the project complies with the performance standards at 10.59.

321 CMR 10.00 – Massachusetts Endangered Species Act Regulations

Whereas we believe, based on assessment of the habitat attributes at the site, that there is no "take" (10.02) of Blue-spotted Salamanders to result from the proposed site redevelopment. Therefore, the project complies with the performance standards and we believe we have met the burden at 321 CMR 10.19.

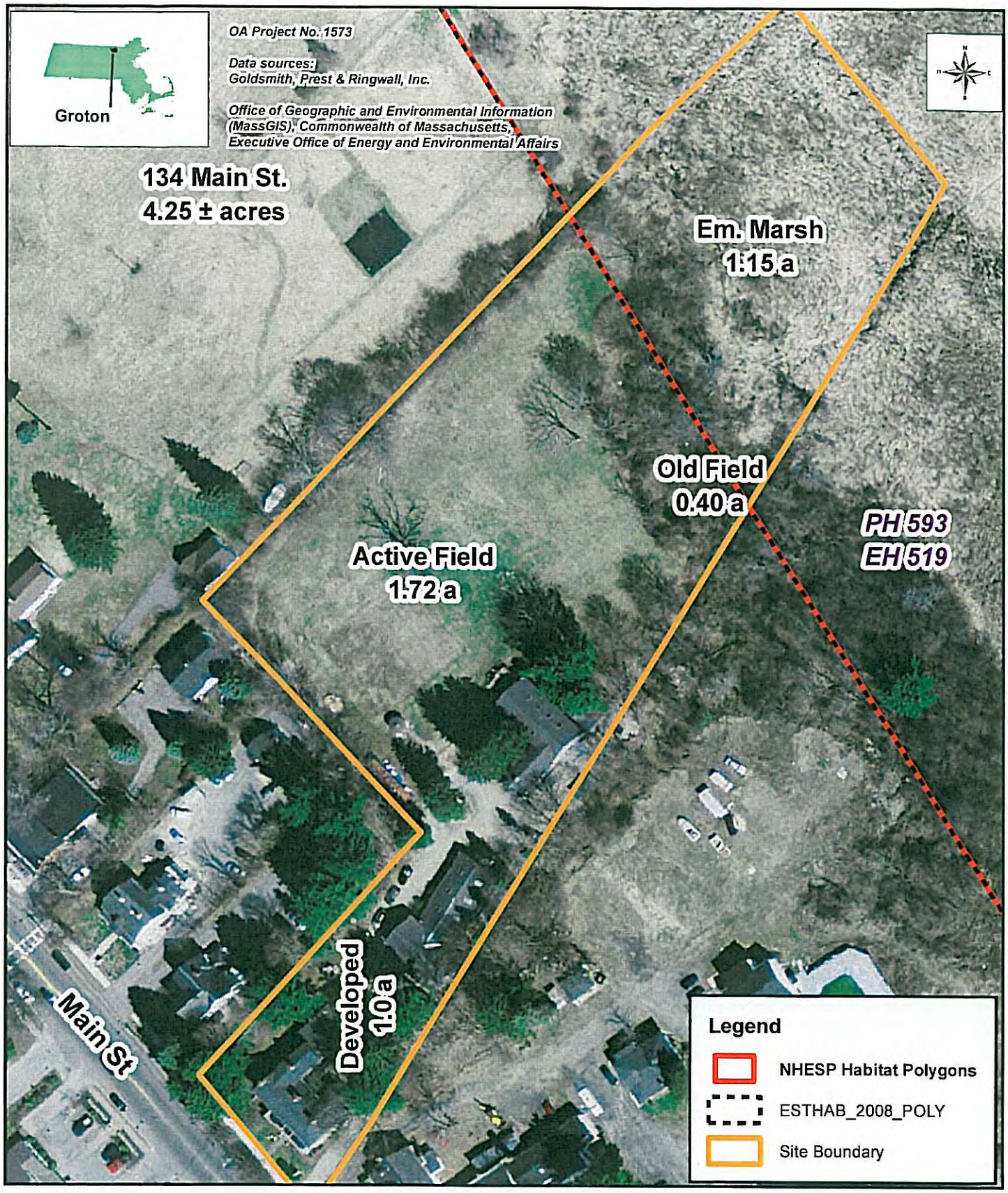
References

Peragallo, T. 2009. *Soil Survey of Middlesex County, Massachusetts.* United States Department of Agriculture, Soil Conservation Service, in cooperation with Massachusetts Agricultural Experiment Station.

Office of Geographic and Environmental Information (MassGIS), Commonwealth of Massachusetts Executive Office of Energy and Environmental Affairs.

Figures

Figure 1. Existing Conditions, MA GIS 2008 Orthophotographic Plan



OXBOW ASSOCIATES, INC.
Wetlands Delineation and Permitting
Wildlife Studies * Herpetology
Vernal Pool Ecology
P.O. BOX 971
ACTON, MA 01720-0971
PHONE: (978) 929-9058
FAX: (978) 635-1892
WWW.OXBOWASSOCIATES.COM

1:1,200

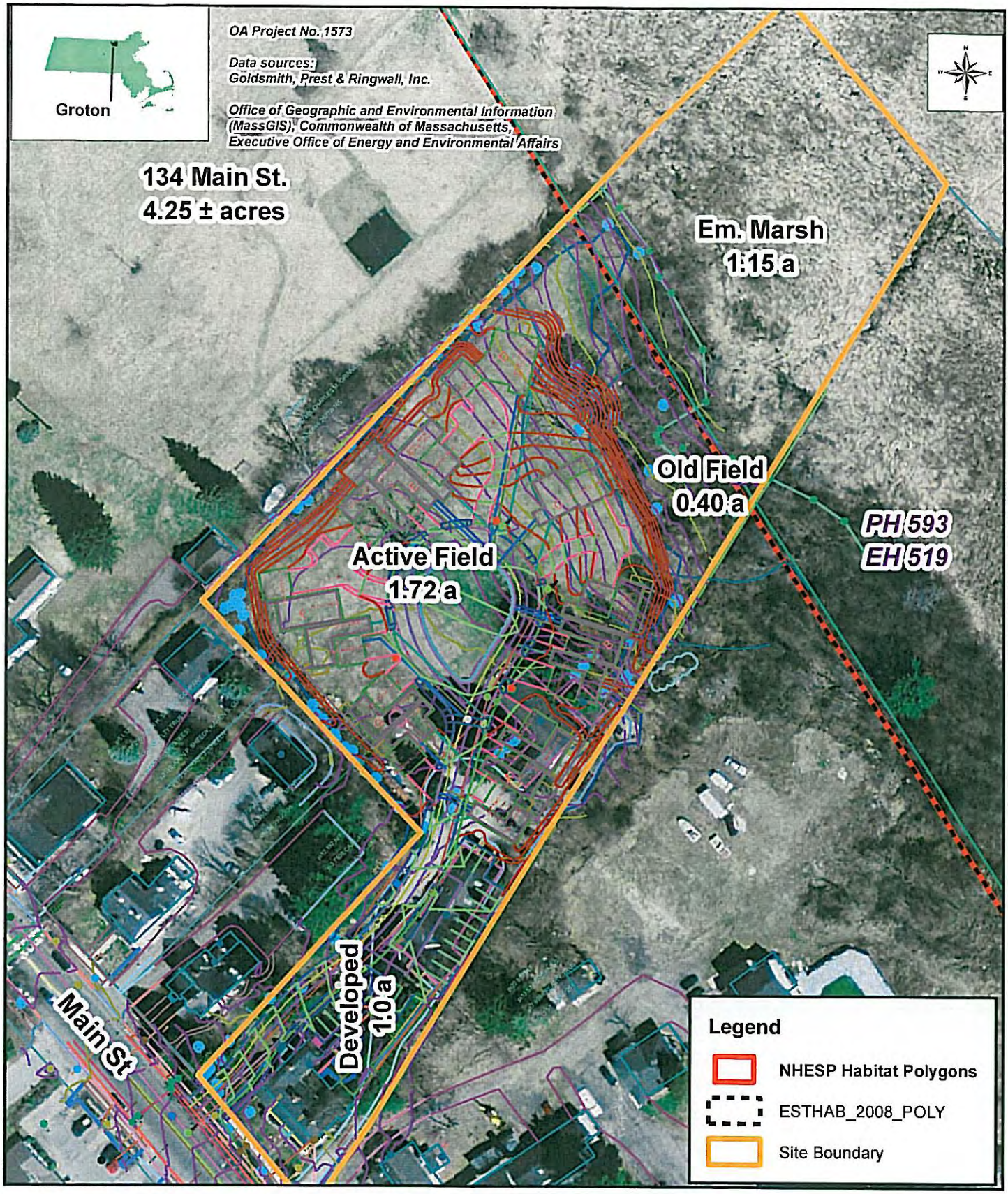
1 inch equals 100 feet

0 30 60 120 180
Feet

Figure 1. Existing Conditions
134 Main Street
Groton, MA
NHESP File No. 11-29413

July 15, 2011

Figure 2. Site Plan CAD Overlay, MASS GIS 2008 Orthophotography



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PHONE: (978) 929-9058
FAX: (978) 635-1892
WWW.OXBOWASSOCIATES.COM

1:1,200

1 inch equals 100 feet

0 30 60 120 180
Feet

Figure 2. CAD Plan Overlay
134 Main Street
Groton, MA
NHESP File No. 11-29413

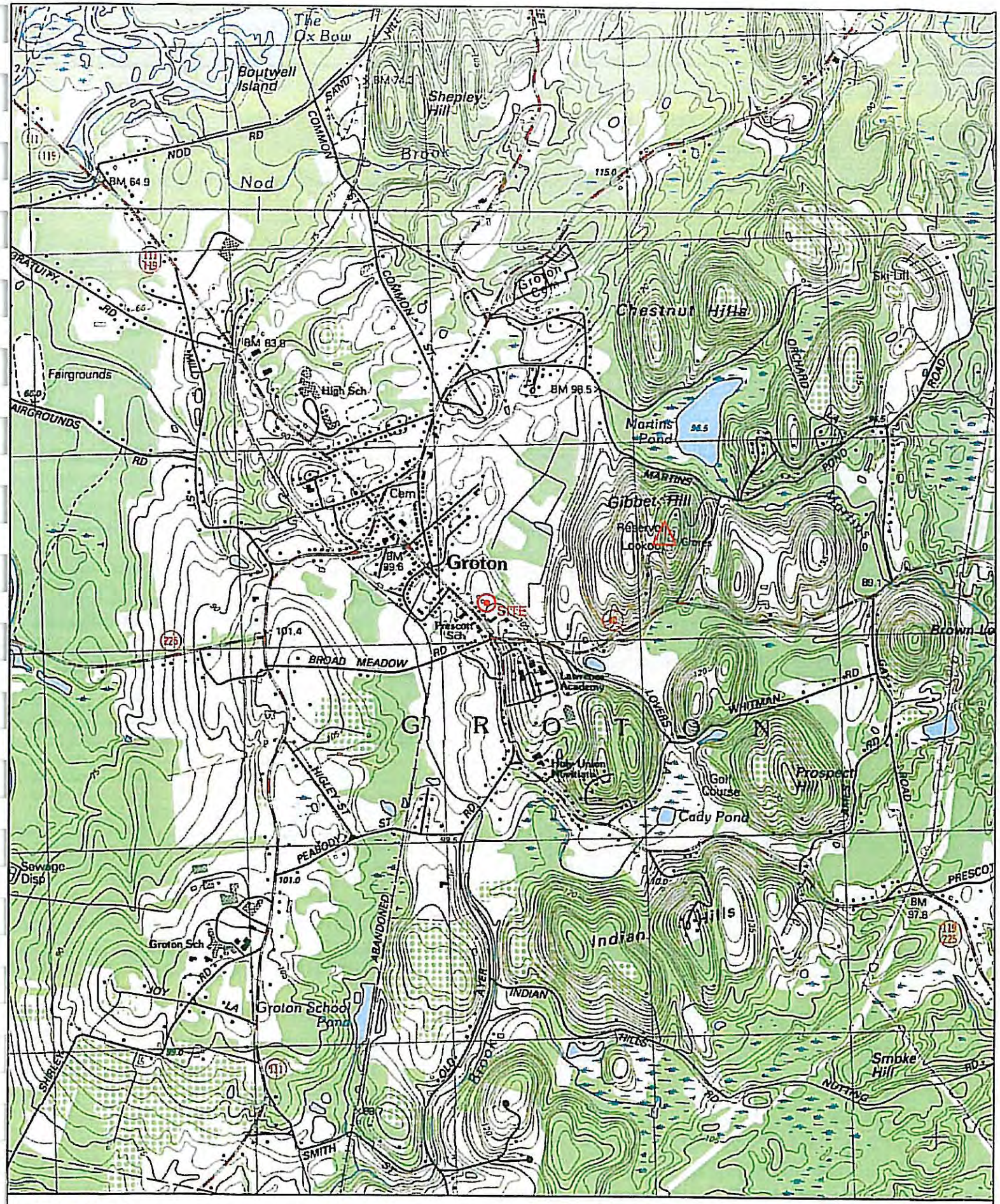
July 15, 2011

Figure 3-8 Representative Site Photographs, July, 2011.

Top: Figure 3. View toward Main Street from the rear of the former inn building.
Figure 4. View to the north across the active field area.

Top: Figure 5. View to the north over the hedgerow of exotic vegetation toward the Gibbet Hill marsh.
Bottom: Figure 6. View also to the north to the east of Fig. 5 showing the active field/scrub boundary.

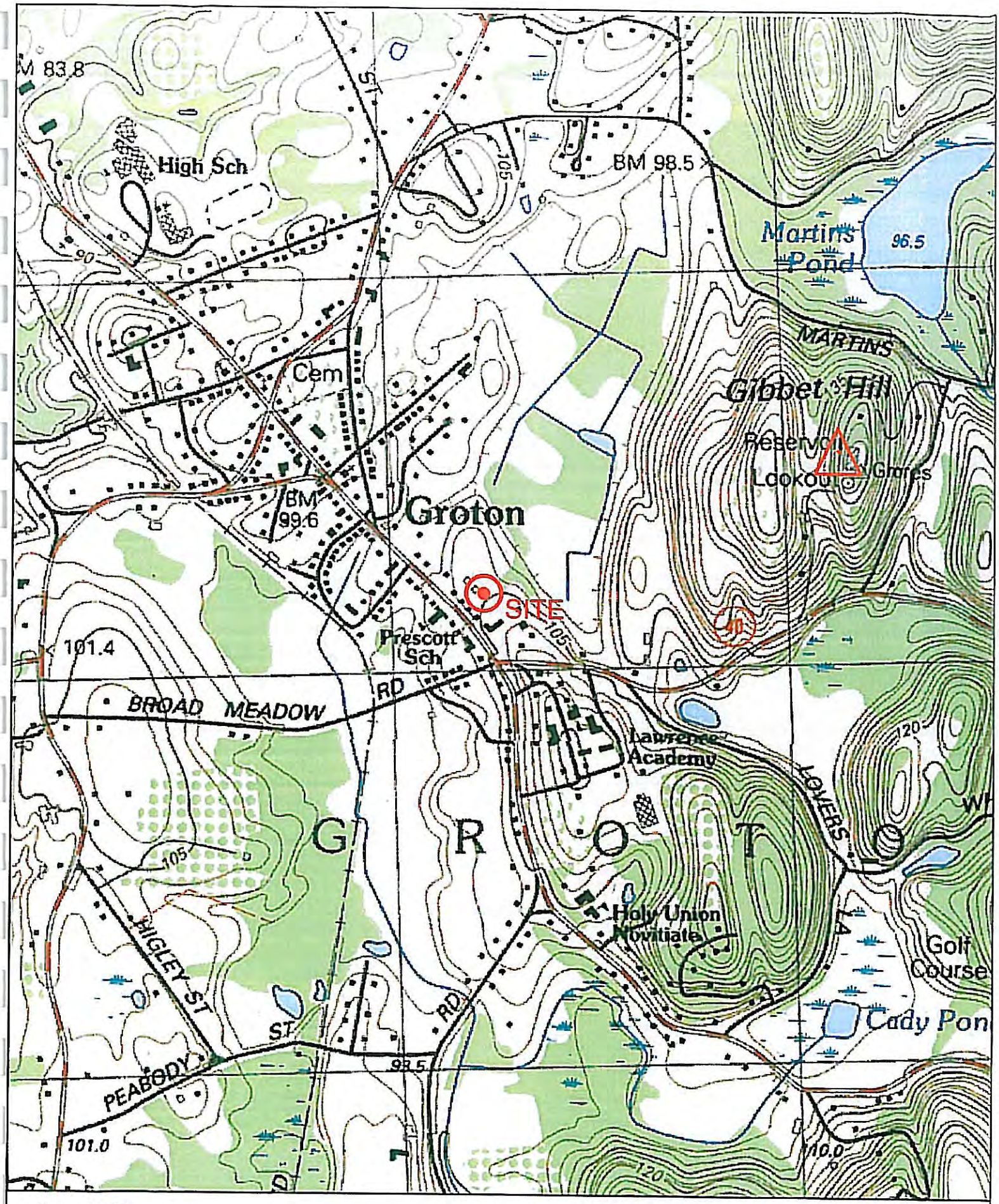
Top: Figure 7. View to the south from active field habitat.
Bottom: Figure 8. View to the west from the previously developed portion of the site.



Name: AYER
Date: 5/9/2011
Scale: 1 inch equals 2000 feet

Location: 042° 36' 26.3" N 071° 34' 05.9" W
Caption: 134 Main Street
Groton, MA

Copyright (C) 1997, Maptech, Inc.



Name: AYER
Date: 5/9/2011
Scale: 1 inch equals 1000 feet

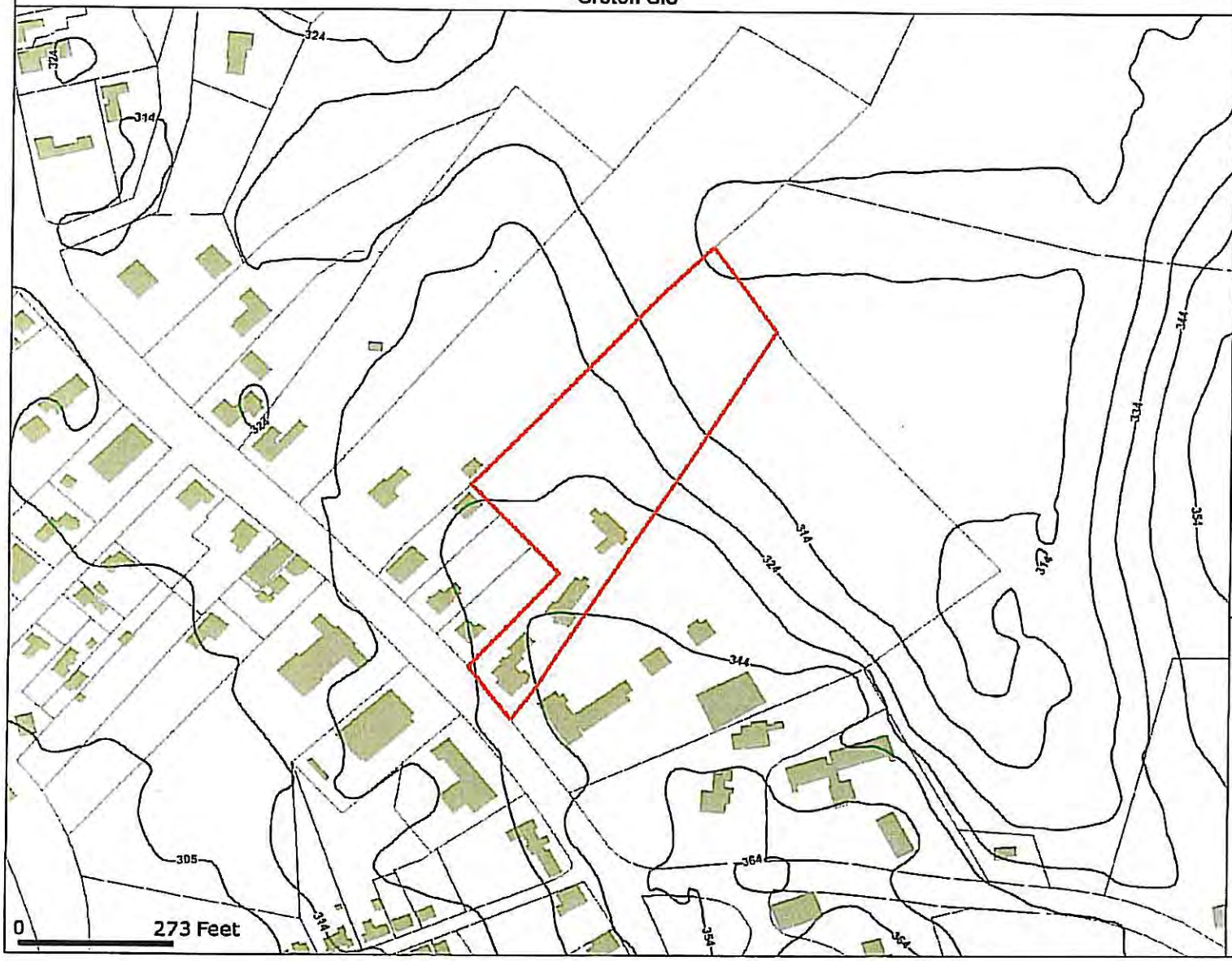
Location: 042° 36' 25.3" N 071° 34' 07.3" W
Caption: 134 Main Street
Groton, MA

Copyright (C) 1997, Maptech, Inc.

Town of Groton Property Viewer

September 2, 2010

Groton GIS

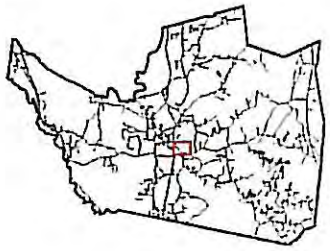


Property Information

Prop ID	113-9
Location	134 MAIN ST
Owner	GROTON TRADING COMPANY
Address 1	134 MAIN STREET
City, State Zip	GROTON, MA 01450
Total Value	$1,197,000
Sale Date	09-16-1999
Total Land	5.497 acres

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

The Town of Groton makes no claims, no representations, and no warranties, expressed or implied, concerning the validity (expressed or implied), the reliability, or the accuracy of the GIS data and GIS data products furnished by the Town including the implied validity of any uses of such data. The use of this data, in any such manner, shall not supersede any federal, state or local laws or regulations.



APPENDIX

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

NATURAL HERITAGE & ENDANGERED
SPECIES PROGRAM
DIVISION OF FISHERIES & WILDLIFE
ROUTE 135, NORTH DRIVE
WESTBOROUGH, MA 01581

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent
☐ Addressee

B. Received by *(Printed Name)*

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number
(Transfer from service label) 7010 1670 0002 4909 2831

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

AFFIDAVIT OF SERVICE
Under the Massachusetts Wetlands Protection Act

(to be submitted to the Massachusetts Department of Environmental Protection and the Conservation Commission when filing a Notice of Intent)

I, **Bruce Ringwall,** hereby certify under the pains and penalties of perjury that on **July 18, 2011**, I gave notification to abutters in compliance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, and the DEP Guide to Abutter Notification dated April 8, 1994, in conjunction with the following matter:

A **Notice of Intent** filed under the Massachusetts Wetlands Protection Act and the Town of Groton Wetland Protection Bylaw by **Mount Laurel Development, LLC** with the **Groton** Conservation Commission on **July 18, 2011** for property located at **134 Main Street Road, aka Assessor's Map 113, Parcel 9**.

The form of notification and a list of the abutters / addresses to whom / to which notification has been given, are attached to this Affidavit of Service.

Bruce Ringwall (for Goldsmith, Prest & Ringwall, Inc.) Date

NOTIFICATION TO ABUTTERS UNDER THE MASSACHUSETTS WETLANDS PROTECTION ACT and THE TOWN OF GROTON WETLANDS PROTECTION BYLAW

In accordance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, you are hereby notified of the following:

A. The name of the applicant is **Mount Laurel Development, LLC**

B. The name of the owner is: **North Middlesex Savings Bank**

C. The applicant has filed a Notice of Intent with the Conservation Commission for the municipality of **GROTON**, seeking permission to remove, fill, dredge or alter an Area Subject to Protection Under the Wetlands Protection Act (General Laws Chapter 131, Section 40) with the Massachusetts Department of Environmental Protection.

D. The address of the lot where the activity is proposed is **134 Main Street, Groton, MA**

E. Copies of the Notice of Intent, may be examined at the Conservation Commission Office, Town Hall, 173 Main Street, Groton, MA, between the hours of 8:00 am and 4:00 pm, Monday through Friday. Please schedule an appointment by calling (978)448-1106.

F. Copies of the Notice of Intent may be obtained from either (check one): the applicant, or **X** the applicant's representative by calling this telephone number (978) 772-1590 between the hours of 9 AM and 5 PM on the following days of the week: Monday through Friday.

G. Information regarding the date, time, and place of the public hearing for the Notice of Intent may be obtained from the Commission's office or by calling (978) 448-1106, between 8:00 am and 4:00 pm, Monday through Friday.

Note: Notice of the public hearing, including its date, time and place will be published at least five (5) business days prior to the hearing date in either the *Groton Herald*, the *Lowell Sun* or the *Groton Landmark* newspapers.

Note: Notice of the meeting of the Conservation Commission, including its date, time and place will be posted at the Groton Town Hall no fewer than fourty-eight (48) hours in advance of the meeting.

Note: You also may contact the Department of Environmental Protection Regional Office for more information about this application or the Wetlands Protection Act at (508) 792-7650.

Groton, Massachusetts 01450

Office: 978-448-1127
Fax: 978-448-1115

Date: 5/5/11

Map: 113
Parcel: 9
Location: 134 Main St.

Certification of Abutters

Abutters are within 300 feet of any requested parcel's lot lines. We hereby certify that the enclosed list, taken from the Board of Assessors Real Estate property files, as per the deeds as received up 5/1/11, includes the names and addresses of all parties; interest under MGL Chapter 40A Sec.11 as amended to the best of our knowledge and belief.

This abutter's list will not satisfy legal requirements for notice, if ninety days have elapsed from the date of request.

Rena E.Swezey, Principal Assessor

Kathleen E Miller

Becky Babcock, Office Assistant
Kathy Miller, Office Assistant

113-4-0
PERINI, GINA M.
164 MAIN ST
GROTON, MA 01450

113-5-0
GRINNELL, CHARLES M.
GRINNELL, CAROL R.
154 MAIN STREET
GROTON, MA 01450

113-6-0
SHEEDY COMPANY REALTY TRUST,
J. P./M. J. SHEEDY/K.S. COREY -
P.O. BOX 636
GROTON, MA 01450

113-7-1
GROTON MANAGEMENT LLC
C/O GARY GRANTZ
P.O. BOX 7434
GILFORD, NH 03247

113-7-2
CARRIAGE BARN 142 LLC
P.O. BOX 1219
GROTON, MA 01450

113-8-0
CAJE, LLC
140 MAIN ST
GROTON, MA 01450

113-10-0
PERGANTIS REALTY TRUST
128 MAIN STREET, B2-A5
GROTON, MA 01450-1271

113-11-0
LAWRENCE ACADEMY TRUSTEES
P.O. BOX 992
GROTON, MA 01450

113-38-0
SCOFIDIO, IAN R.
SCOFIDIO, BARBARA ANN
16 BROADMEADOW ROAD
GROTON, MA 01450

113-39-0
SAMPAS, BETTY E.
117 MAIN ST, APT 1L
GROTON, MA 01450

113-40-0
SAMPAS, BETTY E.
C/O MICHAEL G. SAMPAS
117 MAIN ST, APT 1L
GROTON, MA 01450

113-41-0
LANDMARK REALTY TRUST
COSMO GILBERTI III - TRUSTEE
6 LANDMARK ROAD
WESTFORD, MA 01886

113-42-0
R AND D REALTY TRUST
RICHARD A. SARGENT - TRUSTEE
P.O. BOX 492
GROTON, MA 01450

113-43-0
TOWN OF GROTON, SCHOOL -
173 MAIN ST
GROTON, MA 01450

116-3-1
GIBBET HILL FARM LLC
48 HEMLOCK PARK DRIVE
GROTON, MA 01450

224-36-0
GROTON CENTER FARMS LLC
60 MAYFIELD DR
GROTON, MA 01450

224-40-0
GROTON CENTER FARMS LLC
60 MAYFIELD DR
GROTON, MA 01450

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

NOI Wetland Fee Transmittal Form

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

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

A. Applicant Information

1. Applicant:

Robert	France
a. First Name	b. Last Name

Mount Laurel Development, LLC
c. Organization

PO Box 1444
d. Mailing Address

Shirley	MA	01464-1444
e. City/Town	f. State	g. Zip Code

978-425-9802	978-425-0354	bfrance@senateconstruction.com
h. Phone Number	i. Fax Number	j. Email Address

2. Property Owner (if different):

Walter	Dwyer
a. First Name	b. Last Name

North Middlesex Savings Bank
c. Organization

7 Main Street
d. Mailing Address

Ayer	MA	01432
e. City/Town	f. State	g. Zip Code

978-772-8502	978-772-4719	Walter.Dwyer@NMSB.com
h. Phone Number	i. Fax Number	j. Email Address

3. Project Location:

134 Main Street	Groton
a. Street Address	b. City/Town

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).

B. Fees

The fee should be calculated using the following six-step process and worksheet. **Please see Instructions before filling out worksheet.**

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract $12.50. To calculate the city/town share of the fee, divide the total fee in half and add $12.50.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

NOI Wetland Fee Transmittal Form

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

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
Category 2 h.	1	$500	$500
Category 3 b.	1	$1050	$1050

Step 5/Total Project Fee: $1550

Step 6/Fee Payments:

Total Project Fee:	$1550 a. Total Fee from Step 5
State share of filing Fee:	$762.50 b. 1/2 Total Fee less $12.50
City/Town share of filling Fee:	$5,450 Ch, 43D permit c. 1/2 Total Fee plus $12.50

C. Submittal Requirements

a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection
Box 4062
Boston, MA 02211

b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

MOUNT LAUREL DEVELOPMENT, LLC
1000 MT. LAUREL CIRCLE
SHIRLEY, MA 01464

117

53-7137/2113
BRANCH 0

7-15-11
Date

Pay to the Order of Town of Groton $ 14,000 00/100

Fourteen Thousand dollars and 00/100 Dollars

NORTH MIDDLESEX SAVINGS BANK
Banking at its personal best

For 134 Main

⑆211371379⑆ 0017317306⑈ 0117

MOUNT LAUREL DEVELOPMENT, LLC
1000 MT. LAUREL CIRCLE
SHIRLEY, MA 01464

116

53-7137/2113
BRANCH 0

7-15-11
Date

Pay to the Order of Town of Groton $ 4300 -

Four Thousand dollars and 00/100 Dollars

NORTH MIDDLESEX SAVINGS BANK
Banking at its personal best

For 134 Main

⑆211371379⑆ 0017317306⑈ 0116

MOUNT LAUREL DEVELOPMENT, LLC
1000 MT. LAUREL CIRCLE
SHIRLEY, MA 01464

115

53-7137/2113
BRANCH 0

7-15-11
Date

Pay to the Order of Commonwealth of MA $ 762 50

Seven Hundred Sixty-two dollars and 50/100 Dollars

NORTH MIDDLESEX SAVINGS BANK
Banking at its personal best

For 134 Main

⑆211371379⑆ 0017317306⑈ 0115

MOUNT LAUREL DEVELOPMENT, LLC
1000 MT. LAUREL CIRCLE
SHIRLEY, MA 01464

119

53-7137/2113
BRANCH 0

7-15-11
Date

Pay to the Order of Commonwealth of MA - NHESP $ 300 -

Three Hundred dollars and 00/100 Dollars

NORTH MIDDLESEX SAVINGS BANK
Banking at its personal best

For 134 Main

⑆211371379⑆ 0017317306⑈ 0119

MOUNT LAUREL DEVELOPMENT, LLC
1000 MT. LAUREL CIRCLE
SHIRLEY, MA 01464

118

53-7137/2113
BRANCH 0

7-15-11
Date

Pay to the Order of Town of Groton $ 130 -

One Hundred Thirty dollars and 00/100 Dollars

NORTH MIDDLESEX SAVINGS BANK
Banking at its personal best

For 134 Main

⑆211371379⑆ 0017317306⑈ 0118