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MILLIMET

ATTORNEYS AT LAW

GEORGE DANA BISBEE  
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June 11, 2018

Ms. Pamela G. Monroe, Administrator  
NH Site Evaluation Committee  
21 South Fruit Street, Suite 10  
Concord, NH 03301-2429

Re: Seacoast Reliability Project -- Docket No. 2015-04  
Submittal of Supplement to Appendix 33 – Communications with NHDHR and  
USACE

Dear Ms. Monroe:

On behalf of the Applicant Public Service Company of New Hampshire d/b/a Eversource Energy, we are submitting herewith a Supplement to Appendix 33 of the Application, Communications with NHDHR and USACE. We are submitting one paper copy and a thumb drive of these documents for the Subcommittee. Due to the size of the PDF file, we request that the SEC post it on the SEC website for the parties on the Distribution List to access.

Thank you for your consideration of this information. Please let us know if you have any questions.

Sincerely,

  
George Dana Bisbee

GDB:slf

Enclosure

cc: Distribution List  
Richard Boisvert, DHR

Supplement to Appendix 33  
Communications with NHDHR and USACE

**From:** Feighner, Edna <Edna.Feighner@dcr.nh.gov>  
**Sent:** Tuesday, September 27, 2016 11:12 AM  
**To:** mark.doperalski@eversource.com  
**Cc:** Boisvert, Richard A; Miller, Nadine  
**Subject:** FW: FW: Durham Stone Walls/Eversource  
**Attachments:** Smith Property Pictures.pdf

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Hi Mark,

Thanks for the photo...I would definitely agree with your assessment...

Edna

Edna Feighner  
Review and Compliance Coordinator/Historical Archaeologist  
NH Division of Historical Resources  
19 Pillsbury Street, Second Floor  
Concord, NH 03301  
603-271-2813

***About the New Hampshire Division of Historical Resources:***

*The New Hampshire Division of Historical Resources was established in 1974 as the "State Historic Preservation Office." The historical, archaeological, architectural and cultural resources of New Hampshire are among its most important environmental assets. Historic preservation promotes the use, understanding and conservation of such resources for the education, inspiration, pleasure and enrichment of New Hampshire's citizens. For more information, visit us online at [www.nh.gov/nhdhr](http://www.nh.gov/nhdhr) or by calling (603)271-3483.*

**NHDHR is in the process of scanning our paper records. Consequently, availability of certain records may be limited during the next several months. When scheduling a research or file review appointment please specify the town and document type you wish to review. We will do our best to accommodate your research needs in a timely fashion during this process.**

**From:** mark.doperalski@eversource.com [mailto:mark.doperalski@eversource.com]  
**Sent:** Monday, September 26, 2016 11:04 AM  
**To:** Feighner, Edna  
**Subject:** RE: FW: Durham Stone Walls/Eversource

Hi Edna,

We went out to examine the stone walls in Durham on the property of Nick Smith on Friday, September 23, 2016. We found two walls that cross the Eversource corridor on this gentleman's property. I will refer to them as the northern stone wall and the southern stone wall. The southern stone wall is closest to the proposed pole #92 that the landowner mentioned.

Site conditions observed on September 23, 2016 indicate that the disarticulation of the stone walls at breach points did not occur in the recent past. The stones that appear to have been dislodged from the wall are overgrown with woody vegetation further indicating the breaching of the two walls within the corridor is not a recent occurrence. Please see the attached photographs.

Please let us know if you have any questions or concerns.

Thank you,

Mark

**Mark Doperalski, M.A., RPA**  
Cultural Resources Specialist

**EVERSOURCE**

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

From: "Feighner, Edna" <[Edna.Feighner@dcr.nh.gov](mailto:Edna.Feighner@dcr.nh.gov)>  
To: Mark Doperalski/NUS@NU,  
Date: 09/23/2016 11:44 AM  
Subject: RE: FW: Durham Stone Walls/Eversource

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Thanks Mark...can't wait to hear about this one!!

Have a good weekend...relax!

Edna

**From:** [mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com) [<mailto:mark.doperalski@eversource.com>]  
**Sent:** Friday, September 23, 2016 11:42 AM  
**To:** Feighner, Edna  
**Subject:** Re: FW: Durham Stone Walls/Eversource

Thanks Edna,

I'll be heading out there this afternoon to take a look and will send along a quick status report and pictures -- later today or Monday morning.

Mark

**Mark Doperalski, M.A., RPA**  
Cultural Resources Specialist

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From: "Feighner, Edna" <[Edna.Feighner@dcr.nh.gov](mailto:Edna.Feighner@dcr.nh.gov)>  
To: Mark Doperalski/NUS@NU,  
Date: 09/22/2016 01:00 PM  
Subject: FW: Durham Stone Walls/Eversource

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FYI

**From:** Smith, Nick [<mailto:nick.smith@unh.edu>]  
**Sent:** Thursday, September 22, 2016 12:31 PM  
**To:** Feighner, Edna  
**Subject:** RE: Durham Stone Walls/Eversource

I did not, but there is no apparent reason for anyone else to be removing the wall to go to Eversource test pit. My hunch is that they wanted to get their truck back along the corridor, the wall was in the way, and they broke it apart. My neighbor did some logging back there, but I know he steered clear of the walls and would not pass through my property like that (nor would he have reason to). Given the size of the project Eversource has applied for, I had a hard time imagining them not destroying the wall. I can take photos if that helps.

**From:** Feighner, Edna [<mailto:Edna.Feighner@dcr.nh.gov>]  
**Sent:** Thursday, September 22, 2016 12:25 PM  
**To:** Smith, Nick <[nick.smith@unh.edu](mailto:nick.smith@unh.edu)>  
**Subject:** RE: Durham Stone Walls/Eversource

Did you happen to see the trucks or machines entering or exiting?

**From:** Smith, Nick [<mailto:nick.smith@unh.edu>]  
**Sent:** Thursday, September 22, 2016 12:22 PM  
**To:** Feighner, Edna  
**Subject:** RE: Durham Stone Walls/Eversource

Yes, there are truck tracks and they lead through the wall and down to the Eversource test spots for the new poles—labelled pole #92 if that helps.

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Northern stone wall alignment facing east showing location of breach and carpet of moss on rocks forming the base of the breach.



Northern stone wall alignment facing west showing location of breach and growth of a carpet of moss on rocks forming the base of the breach.





Southern stone wall alignment facing northwest showing location of breach and growth of woody vegetation between breach and continuation of stone wall.



Southern stone wall alignment facing southeast showing location of breach and growth of woody vegetation between breach and continuation of stone wall.



Southern stone wall breach facing southwest



Dislodged rocks near breach in southern stone wall exhibiting growth of woody vegetation over the stone.

September 28, 2016

Edna Feighner  
NH Division of Historical Resources  
19 Pillsbury Street  
Concord, NH 03301

Dear Edna:

Enclosed please find a printed copy of the Phase I-B archeological report along with Site Recording Forms for the Seacoast Reliability Project.

Submitted by: *Victoria Bunker*

Name: Victoria Bunker, PhD

Date: *9/28/16*

Received by:

Name: *LB*

Date: *9/28/16*

**From:** Miller, Nadine <Nadine.Miller@dcr.nh.gov>  
**Sent:** Tuesday, October 04, 2016 3:02 PM  
**To:** mark.doperalski@eversource.com  
**Subject:** RE: Effects Forms for SRP  
**Attachments:** 20161004144008.pdf

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I'm not sure how helpful our letter will be to them, but I attach it to forward on. Your consultant is welcome to schedule an appointment with Tanya to review the full file. There was a lot of discussion based on the effects of that project and it is evidenced in the many emails within the file.

Just so you are aware of our process, we ask for the effects tables first. Then we coordinate a meeting with the Applicant and the Lead Federal Agency (and any interested consulting parties) to go over the recommendations. DHR then follows up with a letter concurring or disagreeing with those findings and requesting additional consultation to either find ways to resolve the adverse effects through the development of an MOA or continue discussions if there is disagreement on the effect. This is how I see it playing out for the SRP project.

Please let me know if you have any additional questions or concerns.

Nadine

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Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
603-271-6628

NHDHR is in the process of scanning our paper records. Consequently, availability of certain records may be limited during the next several months. When scheduling a research or file review appointment please specify the town and document type you wish to review. We will do our best to accommodate your research needs in a timely fashion during this process.

**From:** [mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com) [<mailto:mark.doperalski@eversource.com>]  
**Sent:** Tuesday, October 04, 2016 1:01 PM  
**To:** Miller, Nadine  
**Subject:** Effects Forms for SRP

Hi Nadine,

Our cultural resources consultant on the SRP Project would like to know if you can provide the DHR's response to the effects forms we obtained as examples from the Antrum Wind Farm Project. The consultant thinks that being able to see the DHR's response will allow them to better gauge how the forms should be completed. The hope is to submit forms that fully satisfy the DHR.

Thank you,

Mark

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

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NEW HAMPSHIRE DIVISION OF HISTORICAL RESOURCES

State of New Hampshire, Department of Cultural Resources  
 19 Pillsbury Street, Concord, NH 03301-3570  
 TDD Access: Relay NH 1-800-735-2964  
 www.nh.gov/nhdhr

603-271-3483  
 603-271-3558  
 FAX 603-271-3433  
 preservation@dcr.nh.gov

April 19, 2013

Drew Kenworthy  
 Vice President, GIS and Resource Analysis  
 Eolian Renewable Energy LLC  
 155 Fleet Street  
 Portsmouth, NH 03801

Re: Antrim Wind Energy Project, RPR #3291

Dear Mr. Kenworthy:

In accordance with Section 106 of the National Historic Preservation Act (16 U.S. C. 470), and with federal Advisory Council on Historic Preservation regulations, Protection of Historic Properties (36 CFR Part 800), the New Hampshire Division of Historical Resources/State Historic Preservation Office (NHDHR) has reviewed information related to the undertaking listed above, including maps and photo-simulations for properties listed and eligible for listing in the National Register of Historic Places within the defined view-shed for the Antrim Wind Energy Project. The NHDHR concurs with the following recommendations of No Adverse Effect:

Property name	Address	Effect Finding
Antrim Center HD	Various (Clinton and Meetinghouse Hill roads), Antrim	No Adverse Effect
Dodge Family Farm (ANT0010)	15 Reed Carr Road, Antrim	No Adverse Effect
Hillsborough Lower Village HD	Various, Second New Hampshire Turnpike, Hillsborough	No Adverse Effect
Pine Haven (ANT0011)	467 Clinton Road, Antrim	No Adverse Effect

However, the DHR does not agree with the assessment for the White Birch Point Historic District and has recommended a finding of Adverse Effect:

Property name	Address	Effect Finding
White Birch Point HD	Various (White Birch Point Road), Antrim	Adverse Effect

The White Birch Point Historic District will be adversely affected by the introduction of elements out of keeping with the historic nature of the resource. Photo-simulations note that the turbines will be primarily visible along shore banks with the National Register boundary of the resource. The property was sited in order to optimize the relationship of the shore/water and its setting for the enjoyment of users. Although the turbines will be visible from only 10% of the property, they are located along the shoreline which is a primary reason for which the property achieves its significance for location, setting, feeling and association. The introduction of modern turbines will diminish the integrity of the property's significant historic features, therefore constituting an Adverse Effect.





With respect to archaeological resources, NHDHR staff has determined that no additional identification or evaluative studies are necessary. However, if any other historical or archaeological resources are discovered or affected as a result of project planning or implementation, the Division of Historical Resources is to be consulted on the need for appropriate evaluative studies, determinations of National Register eligibility, and mitigative measures (redesign, relocation, resource protection, data recovery, or other appropriate treatments as required by federal law and regulations).

We look forward to continued consultation to resolve adverse effects.

Sincerely,



Elizabeth H. Muzzey  
Director/State Historic Preservation Officer

cc: David Keddell, ACOE  
Jane Murray, SEC  
AD Marble & Co.



## NEW HAMPSHIRE DIVISION OF HISTORICAL RESOURCES

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[preservation@dcr.nh.gov](mailto:preservation@dcr.nh.gov)

October 5, 2016

Sarah Allen  
Normandeau Associates, Inc.  
25 Nashua Road  
Bedford, NH 03301

Re: Report Reviews: *Results of Phase IB Archaeological Survey Madbury, Durham, Newington and Portsmouth, NH*. Seacoast Reliability Project, prepared and submitted by Victoria Bunker, Inc. (R&C 6528)

Dear Ms. Allen:

The Division of Historical Resources (Division) is in receipt of your request for review for the report prepared by Dr. Victoria Bunker of Victoria Bunker, Inc. for the project cited above. The Division concurs with the recommendations provided and finds the information acceptable as written. The Phase IA identified twenty eight areas of sensitivity in Newington and Durham where archaeological testing was recommended. Phase IB testing identified two historic sites both in Durham, the remainder of the areas yielded negative results, no further survey was recommended.

In accordance with the National Historic Preservation Act of 1966 (P.L. 89-655), as amended, and as implemented by regulations of the Federal Advisory Council on Historic Preservation ("36 CFR Part 800: Protection of Historic Properties"), the New Hampshire Division of Historical Resources/State Historic Preservation Office has reviewed the undertaking referenced above to identify potential effects on properties listed, or potentially eligible for listing, in the National Register of Historic Places.

Based upon the information provided in the above cited report, it has been determined that additional Phase II testing will be required if avoidance is not feasible for the LaRoche Brook historic site (27 ST 105). The second site identified Langmaid Road Quarry site (27 ST 119) was not considered potentially eligible, no further work was recommended for this resource. Please contact me at 603-271-2813 for discussion on avoidance measures or continued survey.

Sincerely,

Edna Feighner  
Review and Compliance Coordinator, Archaeologist

Cc: Catherine Finneran, Eversource  
Dena Champy, Project Manager  
Kurt Nelson, Eversource  
Mark Doperalski, Eversource



**From:** Boisvert, Richard A <Richard.Boisvert@dcr.nh.gov>  
**Sent:** Tuesday, November 01, 2016 2:32 PM  
**To:** mark.doperalski@eversource.com  
**Subject:** FW: Urgent Request for Meeting re Threats to Durham Historical and Archeological Sites

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Hi Mark,

I just received this from Peter Michaud, the NR coordinator here at the DHR. He had received it from a colleague in Durham. Normally Edna would have handled this but she is undergoing surgery (as I type this) and will be out of the office for a number of weeks. Please pass this on to your archaeological consultants and any others that may need to digest this information. Our original review of the project did not find this data. I am unsure of the proximity of the sites to the APE, but this should be reviewed as new information and acted upon as appropriate.

I will be leaving town for a conference tomorrow at noon and will not be back until the 7<sup>th</sup> (upon which I will be in a daylong hearing with the SEC). I will keep tabs on my email but will not be available much for direct contact.

Please let me know what comes of this new information.

Thanks

Dick

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**From:** Michaud, Peter  
**Sent:** Tuesday, November 01, 2016 1:54 PM  
**To:** Boisvert, Richard A  
**Subject:** FW: Urgent Request for Meeting re Threats to Durham Historical and Archeological Sites

Dear Dick,

This came in the other day from Durham. Beth suggested I send it to you. Any thoughts on how best to respond?

Peter

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**From:** Nancy Sandberg [<mailto:nancy.sandberg@comcast.net>]  
**Sent:** Monday, October 31, 2016 8:24 AM  
**To:** Michaud, Peter  
**Subject:** Urgent Request for Meeting re Threats to Durham Historical and Archeological Sites

Dear Peter,

Though it has been some time since our last meeting at the rededication of Durham's Hamilton Smith Chapel, I need your help urgently on behalf of the Durham Historic Association on two fronts. Two projects threaten Durham's historic and archaeological sites. The first is the County Line Holdings LLC Subdivision, the second is Eversource's Seacoast Reliability Project. I, as Curator of the DHA museum and Janet Mackie, DHA Vice- President respectively, request a meeting with you either in Durham or in Concord to protect one

archaeological site of significance and to coordinate our efforts to preserve many other at-risk historic and archeological sites in Durham.

In regard to the County Line Holdings LLC Subdivision:

The owner of this three lot subdivision is John Farrell d/b/a County Line Holdings LLC. His wetlands permit application required him to certify:

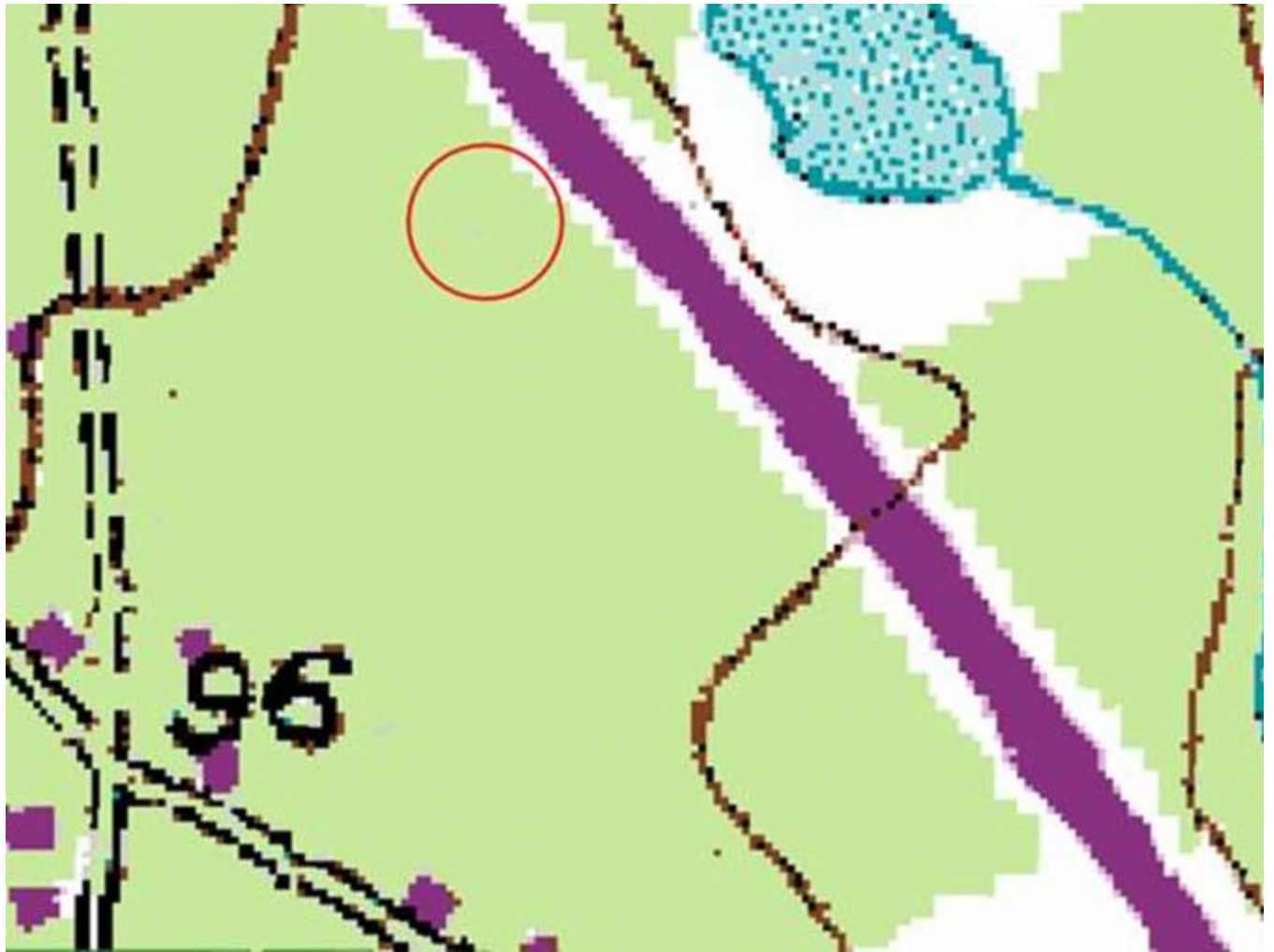
7. I have submitted a Request for Project Review (RPR) Form ([www.nh.gov/nhdhr/review](http://www.nh.gov/nhdhr/review)) to the NH State Historic (SHPO) at the NH Division of Historical Resources to identify the presence of historical/ archeological resources with the lead federal agency for NHPA 106 compliance.

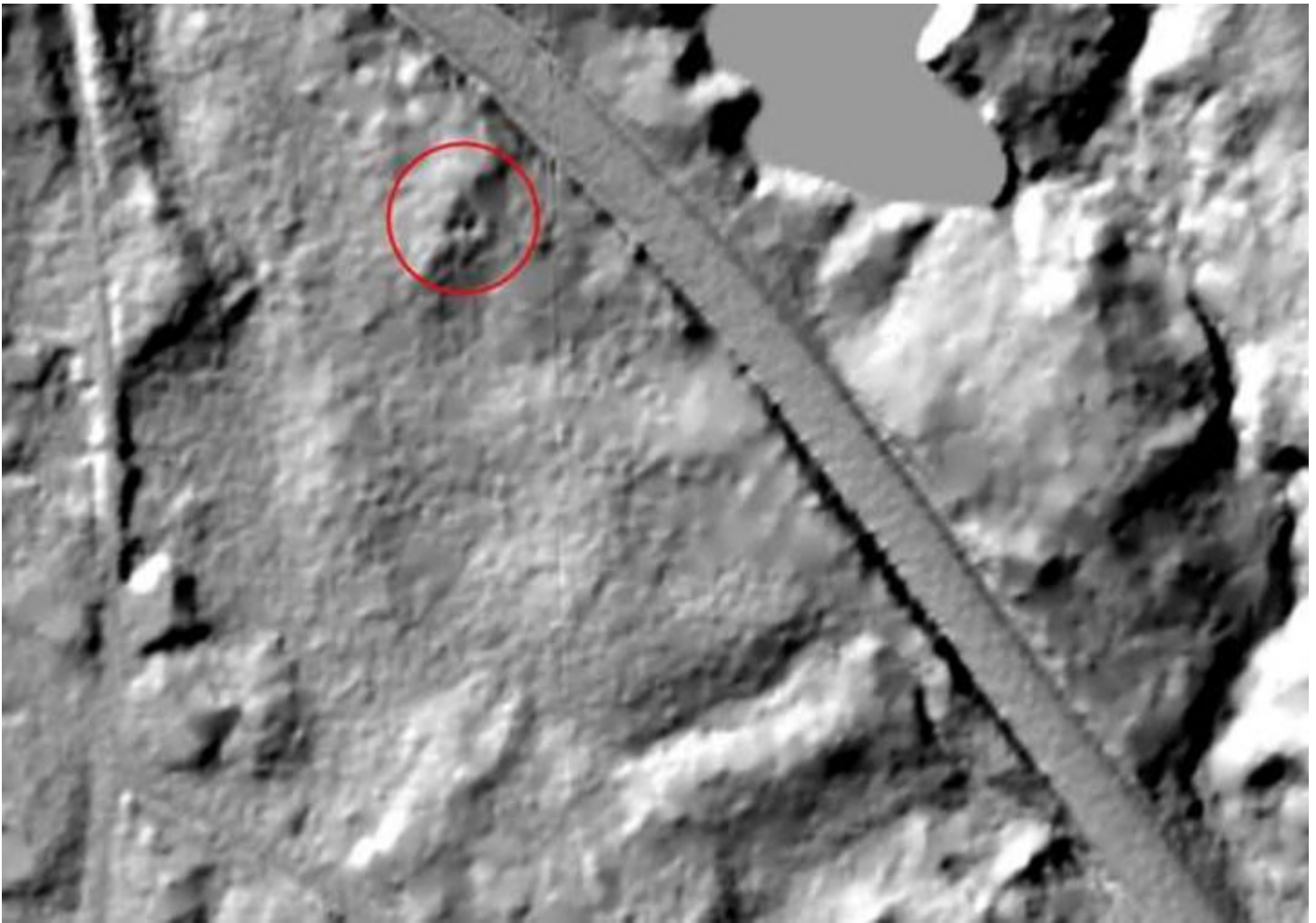
The only record in the Durham town office is an approved wetlands permit application signed by the Conservation Commission; the wetlands permit was issued by NHDES near the end of 2015. The three lots in this subdivision are currently for sale; there is no construction yet. There is a south facing, center chimney, cellar hole on this property. We have seen the cellar hole and walked around it. The question is:

Did County Line Holdings LLC submit the required RPR form to NHDHR?

We believe this cellar hole is in immediate need of protection. Let me share some of Janet's research using LiDAR imaging and excerpts from "Landmarks in Ancient Dover" by Mary P. Thompson.

The County Line Holdings LLC subdivision is sited, on the GIS topo map below, east of the dashed vertical line (abandoned railroad bed) and south of the purple Route 4 highway; the three lots fill this area. The image to the right of the GIS topo is the same site, viewed using the GIS Regional LiDAR layer. The cellar hole within the subdivision is circled in red. The water to the north is Huckins Brook.





Using the Regional LiDAR layer available in the GIS, the section 106 issue is clear, there is a south facing, central chimney,cellar hole within the subdivision.

Because this particular cellar is west of, and adjacent to the 17<sup>th</sup> century Huckins' mill dam, it is possible this cellar marks the site of the 1689 Huckins massacre when 18 were killed and the Huckins house burnt by Indians. This disaster occurred two months after the Cochecho Massacre of June 1689. The siting of the cellar indicates a colonial era house; the house was gone before the first map showing houses was published by Chace in 1856. From Mary P. Thompson's "Landmarks in Ancient Dover":

HUCKINS' BROOK. This brook rises in Madbury, above the town-house, passes through the old Tasker lands—whence this part of it is often called the *Tasker* or *Tasket brook*,<sup>1</sup>—crosses the highway below the Miles house, and, after being fed by the Pendexter springs farther down, comes into Durham, where it flows through the old Huckins land, east of the spot where stood the Huckins garrison, destroyed by the Indians in 1689. It is joined by the “Tom-Hall brook” a little below the place where the Huckins massacre occurred, and empties into Beard's creek.

*Huckins' Mill* was built on this stream at an early day. It is mentioned Jan. 10, 1697-8. Among the Dover grants is recorded, Jan. 23, 1701, "libbertie of a Remoue of ten Acres of land granted Robbart Huckins in 1664 at the head of his twenty acre lott on the west side of back riuer, to be laid out adjoining to his home land at oyster Riuer, on the west side of *the brooke that driues his mill.*" This removal of Robert Huckins' grant seems to have been made in favor of his grandson Robert, son of James Huckins who was killed by the Indians in 1689. One fourth of this mill was sold by John Huckins to Capt. Samuel Emerson, Oct. 24, 1727, for £30. The



receipt for this sum, still extant, declares,—“The said mill standeth on the stream called *Huckins’ brook*.” The entire mill and the Huckins lands were finally acquired by Capt. Emerson and his sons. The mill is now gone, but the remains of the dam are still to be seen on that part of the brook which flows through the land of Mr. Ebenezer T. Emerson.

The second reason we request a meeting is our work with the Assistant Attorney General’s Office, the Town of Durham, and local citizens to provide information about Durham’s historic and archaeological sites within the area affected by the proposed Eversource Seacoast Reliability Project.

Eversource used The Preservation Company, a local consultancy often hired to produce Section 106 reports in NH. The TPC staff is familiar with this region, local town histories, regional histories, maps, surveys and other sources. However, despite this knowledge, the TPC report addressed only their so-called “Durham Point Historic District”. Their report is deficient because it relied chiefly on material that is easy to access online – the same sources the Assistant Attorney General’s newly hired consultant is likely to use, due to financial and time constraints. The resulting TPC report was a superficial generalized narrative, from c.1850 to present. Their report glossed over the 220 years of local history before 1850. Our town histories contain a great deal of useful information, but were evidently of little utility. This was probably because TPC staff did not recognize the old place names or deceased people referenced by the authors when these sources were published over a century ago. Although the TPC report included a great many images, there was no deed research or data specific to the land within, adjacent to and/or crossed by the Eversource right of way.

We understand that NHDHR and/or Victoria Bunker identified 20 sites you consider sensitive for historical/archaeological reasons within Durham. However, we do not know what sites NHDHR identified or what distance from the right of way was used for the NHDHR Eversource project survey. Two identified sites mentioned in the Eversource application appendix are the "Valentine Hill Canal" and the “Laroche cellar” (this is a Bickford cellar). Both these sites are outside the right of way and not likely to be affected by the Eversource SRP.

It would be so helpful to know which sites NHDHR has identified, for it would avoid duplication of effort. We hope NHDHR will share this data with the key researchers for the Durham Historic Association.

Using the distance from the existing right-of-way to 'Valentine Hill's Canal' as an approximate distance limit, what follows is the Durham Historic Association’s initial list of historic and/or archaeological sites within or adjacent to the Eversource right of way, excluding campus buildings and the railroad depot owned by UNH.

**North to South within Durham** *The sensitive sites which are within the right of way (ROW), or likely to be affected by the Eversource SRP are italicized.*

1. Durham-Madbury town bound monument on the east side of Madbury Rd near railroad crossing
2. ***Marden burials by Old Beech Hill Road, was part of Joy-Pendexter farm (Eversource holds an option from Kurt Krause to purchase this land Strafford County Registry book 4354 page 842)***



3. ***Old Beech Hill Road and stone walls along the road (crossed by ROW, access road to ROW)***
4. Stone culvert at old railroad bed near Pendexter Rd
5. Joy-Pendexter farmhouse, cemetery and ***stone walls***
6. ***Stone walls on Moses G Woodman farm, Lucien Thompson farm and Martha Stevens farm (on the west side of railroad track north of Main St)***
7. Stevens family cemetery (west of A lot parking)
8. ***Hill family cemetery east of the UNH Field House. The power line section to be buried underground goes through this burial site. Buried here are descendants of Valentine Hill; the Samuel Hill farmhouse stood on this hill, last owned by John Winslow***

***Emerson Thompson. The graves are in undisturbed land, beneath the trees, between the railroad bridge and Field House.***

On the college farm, near the railroad station, of J. W. E. Thompson, are graves of the early Hill are unmarked, on the brow of the hill, among close to the road. Close by, on land formerly

1913 History of the Town of Durham

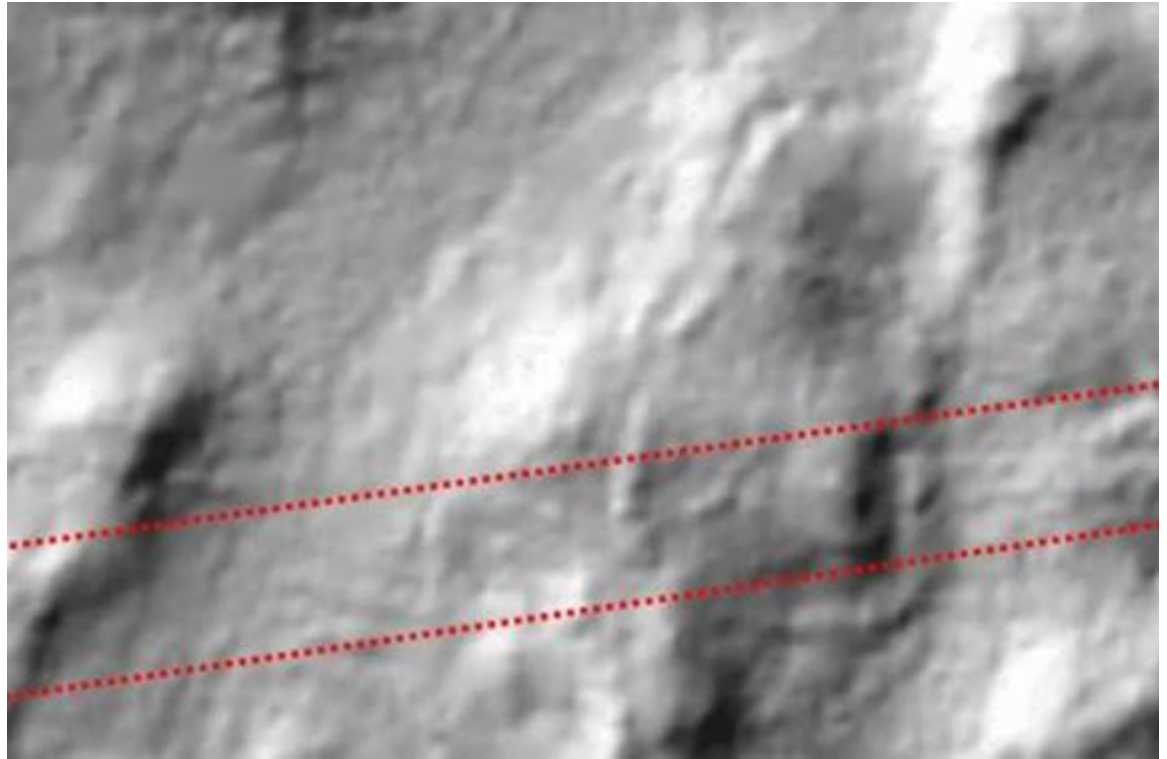
- 9. Chesley houses and mill site at Oyster River second falls (by Mill Road substation)***
- 10. Stone walls and old sugar maples along Old Mill Road (adjacent to Mill Road substation)***
- 11. Jabez Davis garrison cellar - Deacon John E Thompson farmhouse cellar and stone walls (adjacent west side of railroad track)***
- 12. Davis - Thompson cemetery and the stone walls of the Thompson, Small and Bennett farms (east side of railroad track)***
- 13. Old South Branch of the Mill Road to Packers Falls and stone walls along the road (east side of railroad track, this is access road to ROW, pictured below)***



- 14. Mill site, brickyards Laroche Brook (ROW crosses brook at this site east of Bennett Rd substation)**
15. Bennett and Long farmhouses
- 16. Doe-Laroche farmhouse and *stone walls***
17. Bickford cellars, burial site and stone walls (opposite Doe-Laroche house)
18. Road to Shepard's Bridge and stone walls along the road
19. Mooney brickyard on Laroche Brook near the Moat
- 20. Drew-French house and *stone walls***
- 21. Mooney-Beaudet farmhouse, Otis burial site and *stone walls***
- 22. *Burnham-Moriarty* farmhouse and *stone walls* (ROW crosses backyard)**
- 23. *Old Burnham* road and *stone walls* along the road; on east side of *Burnham-Moriarty* house leading northwest on height of land adjacent west side Rt 108 (crossed by ROW, this is access road to ROW, photo below)**



24. Stevens-Bunker house and stone walls including cattle driftway leading west
25. Long Marsh Stone Causeway
- 26. Burnham-Mooney cemetery and stone wall enclosure adjacent east side Rt 108 (ROW crosses)**
27. Willey cellar, stone walls and burial site
- 28. Burnham farm stone walls in the Wedgewood and Sandy Brook subdivisions (ROW crosses)**
29. Smart-Kitfield farmhouse and **stone walls**
30. Smart cellars and stone walls opposite Smart-Kitfield farmhouse
- 31. Pinkham-Smart Quarry Road and stone walls along the road; on east side of Smart-Kitfield house leading north (crossed by ROW, this is access road to ROW)**
- 32. Langmaid cellars and stone walls, including stone-walled double pen and Langmaid Quarry Road(crossed by ROW, this is access road to ROW)**



**33. Pinkham-Smart granite quarry, Mathes and Langmaid granite quarries**

**34. Quarrymen's granite bench wedged in place, on a hill by quarry – this slab is 10-12 feet long (structure is in ROW)**



**35. Mathes-Stevens house, its spring and *stone walls***

**36. Cellar opposite Mathes-Stevens house**

**37. "Durham Point Historic District" as defined in report by Eversource consultant, The Preservation Co (crossed by ROW)**

- 38. All stone walls within the “Durham Point Historic District” crossed for access to, and within ROW, and where ROW crosses the old Mathes, Langley, Rand, Emerson and Meader farms**
- 39. Stone bridges, stone culverts and stone walls on Longmarsh Rd – Need complete list and map of ROW access points planned from Longmarsh Rd**
- 40. Edgerly-Meader farmhouse, stone walls and burial site (crossed by ROW)**
- 41. Stone culvert Old Durham Point Rd at southern side of Edgerly-Meader farm
- 42. Wormwood-Dame farmhouse, stone walls and Dame cemetery**
- 43. Fernald-Rollins stone house farm, stone walls and Fernald cemetery**
- 44. Bickford-Kent farmhouse, well, stone walls and Bickford tomb
- 45. John Ault 17<sup>th</sup> century mill site (adjacent to ROW)**
- 46. Edgerly house garrison site (adjacent to ROW)**
- 47. Rand house garrison site
- 48. Rockingham Electric cable house**

Of the 48 sites listed there are 32 sites definitely affected by the Eversource project, including 8 stone wall systems identified by historic farm name. DHA will be conducting a walk of the entire Eversource right of way after the leaves fall. The 48 site list is just a ‘first pass’ compiled from memory and certainly incomplete as there are stone culverts and other structures to be added to those we have already identified.

Peter, I look forward to hearing from you about a meeting in Durham or Concord with Janet and myself to protect what we believe is the cellar hole of the Huckins garrison and to coordinate our efforts to protect historic sites and archeological sites in the path of Eversource. We appreciate your help in these time sensitive matters.

Yours sincerely,

Nancy

Nancy Sandberg,  
 (Home) 868-2350  
 Museum Curator  
 Durham Historic Association  
 Town Office  
 8 Newmarket Rd.  
 Durham, NH 03824

-----Original Message-----

From: Nancy Sandberg [<mailto:nancy.sandberg@comcast.net>]

Sent: October 26, 2016 10:56

To: Janet Mackie <[janet.mackie@comcast.net](mailto:janet.mackie@comcast.net)>

Subject: Re: Eversource intervenor status etc

Dear Janet,

I think we should get a vote of the DHA Board ASAP. Do you think you can summarize in an email the threat that the Eversource Project is to Durham's historic resources, or do you think a meeting would be better?

What's wrong with the HDC!?!?!?

I was able to contact Paul Mayewski at UM for experts in estuarine science and core samples. He has sent two references and can send more if necessary. I've sent all to Viv.

Nancy

On Oct 25, 2016, at 11:51 AM, Janet Mackie <[janet.mackie@comcast.net](mailto:janet.mackie@comcast.net)> wrote:

> Dear Nancy,

>

> In regard to Viv's email below: If DHA plans to become an intervenor,  
> before doing so we need a vote of the board, which could be an email vote.

> Involvement of the DHA may be of greater importance as the HDC/HC

> seems hesitant to act in their capacity as the town's Heritage

> Commission, at least at this point, per Andrea's response to my

> inquiry as to their thoughts on the Eversource project:

>

> I spoke with Peter about this and he is averse to our going out

> seeking projects to review. Having said that, he suggested Viv Miller

> come speak at PUBLIC COMMENTS and the HC can decide

> how to proceed. As you know we are only advisory.

>

> As respects Viv's second question, I am waiting before doing more work

> until the relevant boundaries the SEC is considering are finalized - I

> think the SEC is ruling of the Eversource petition to waive its

> mapping rules this week.

>

> Please give me your thoughts on the intervenor status and the board



> meeting by email situations.  
>  
> Thanks,  
> Janet  
>  
> -----Original Message-----  
> From: vivian miller [mailto:vivtarazimiller@gmail.com]  
> Sent: October 25, 2016 09:55  
> To: Janet Mackie <janet.mackie@comcast.net>; smaclean2001@yahoo.com  
> Subject: Eversource/ Historic research follow p  
>  
> Hi Janet,  
>  
> Thanks again for joining us last Wednesday.  
>  
> You mentioned you were considering becoming an Intervenor on behalf of  
> the Durham historical society. Have you looked into doing so?  
>  
> You also mentioned you will be doing more research and gathering  
> historical data that is more complete. Do you have a time table to do  
> so? Can we help in any way?  
>  
> Thanks again,  
> Viv  
>  
>  
> Sent from my iPad=  
>

**From:** Keddell, David M CIV USARMY CENAE (US) <David.M.Keddell@usace.army.mil>  
**Sent:** Tuesday, December 06, 2016 8:47 AM  
**To:** mark.doperalski@eversource.com  
**Subject:** RE: [EXTERNAL] Conference call to discuss SRP Historic Effects Meeting 12/6

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Sure does... see you all Thursday morning... Is it worth inviting Sarah Allen and Sandra Gagnon as they know a lot about what has gone on for the historical review as well....

-----Original Message-----

From: mark.doperalski@eversource.com [mailto:mark.doperalski@eversource.com]  
Sent: Tuesday, December 06, 2016 8:35 AM  
To: Keddell, David M CIV USARMY CENAE (US) <David.M.Keddell@usace.army.mil>  
Cc: kurt.nelson@eversource.com  
Subject: RE: [EXTERNAL] Conference call to discuss SRP Historic Effects Meeting 12/6

Hi Dave,

Does 9 to 12 this Thursday here in Hooksett (13 Legends Drive) work for you?

Thanks,

Mark

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
mark.doperalski@eversource.com

From: "Keddell, David M CIV USARMY CENAE (US)" <David.M.Keddell@usace.army.mil>  
To: Mark Doperalski/NUS@NU,  
Cc: Kurt I. Nelson/NUS@NU  
Date: 12/06/2016 08:13 AM  
Subject: RE: [EXTERNAL] Conference call to discuss SRP Historic Effects Meeting 12/6

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---

Sometime between 9 and 1 works for me

-----Original Message-----

From: mark.doperalski@eversource.com [mailto:mark.doperalski@eversource.com  
<mailto:mark.doperalski@eversource.com> ]  
Sent: Tuesday, December 06, 2016 7:51 AM  
To: Keddell, David M CIV USARMY CENAE (US) <David.M.Keddell@usace.army.mil>  
Cc: kurt.nelson@eversource.com  
Subject: RE: [EXTERNAL] Conference call to discuss SRP Historic Effects Meeting 12/6

Hi Dave,

Meeting in person sounds like a good idea. Unfortunately, we cannot meet later today or tomorrow, but we could meet with you Thursday morning or Friday afternoon after 1 PM. If on Friday, we could meet you in Portsmouth if that's more convenient.

Please let us know if any of these times work for you.

Thank you,

Mark

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
mark.doperalski@eversource.com

From: "Keddell, David M CIV USARMY CENAE (US)" <David.M.Keddell@usace.army.mil>  
To: Mark Doperalski/NUS@NU,  
Cc: Kurt I. Nelson/NUS@NU  
Date: 12/06/2016 05:34 AM  
Subject: RE: [EXTERNAL] Conference call to discuss SRP Historic Effects Meeting 12/6

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Hi Mark:

Given the questions it might be better to meet in person and discuss using the plan and how the Corps administers their responsibilities. I could be at your office this afternoon or tomorrow Wednesday after lunch for as long as a discussion as needed.... I will be around my desk this AM ... This project has had a couple redesigns and we have sent out 2 permit area determination letters to the DHR so it might be useful to be sure we are all talking about the same set of plans.....

What do you think?

Dave

-----Original Message-----

From: mark.doperalski@eversource.com [mailto:mark.doperalski@eversource.com  
<mailto:mark.doperalski@eversource.com> <mailto:mark.doperalski@eversource.com  
<mailto:mark.doperalski@eversource.com> > ]  
Sent: Monday, December 05, 2016 3:04 PM  
To: Keddell, David M CIV USARMY CENAE (US) <David.M.Keddell@usace.army.mil>  
Cc: kurt.nelson@eversource.com  
Subject: RE: [EXTERNAL] Conference call to discuss SRP Historic Effects Meeting 12/6

Hi Dave,

In preparation for our call tomorrow morning I have included below our main talking points and questions.

We look forward to speaking with you.

Thank you for your time,

Mark

\* Public Meeting - Will the USACE want to make opening remarks along with the DHR? Does the USACE want to explain that the Section 106 review only pertains to the resources within their permit area? Is the USACE willing to be the point of contact to receive the written comments/input? The DHR suggested that the USACE could then forward the comments to Eversource and the DHR?

\*

\* Meeting Dates - The suggested meeting dates are January 9th, 10th, or 11th from 6 to 8 PM. Can the USACE make any of these dates/times? We really want to meet before Jan 15 due to the SEC schedule for the project.

\*

\* Meeting Location - Eversource and DHR believe a neutral location in Portsmouth would be the best location. How does USACE feel about this idea?

\*

\* Public Input Period - The DHR suggested a two week window for written comment. Does the USACE agree with that time frame? Is the USACE comfortable with allowing written comments to be provided at the meeting.

\*

- \* Resources within the USACE permit area - Which of the 10 resources to be discussed at the meeting fall within the USACE permit area?
- \*
- \* List of Consulting Parties - we need to get the list from the USACE or confirm that there are no consulting parties.
- \*
- \* Invites to Consulting Parties - DHR suggested USACE send out invitations to the consulting parties. Does the USACE want to do this or just rely on public notifications?
- \*
- \* DHR Effects Tables Review - the DHR suggested it would be a good idea for the USACE to provide the DHR Effects Tables for all 10 of the aboveground resources to the consulting parties for review. Does the USACE want to do that or does the USACE just want to provide the effects tables that relate to the resources in the USACE permit area, or does the USACE not want to provide any of the effects forms to the consulting parties. Does the USACE want to review all the effects tables or just the tables regarding the resources in their permit area? The DHR suggested the effects forms would not be at the meeting as they are internal documents. Instead each resource would have a brief description and an explanation on how the project may potentially have an effect on the resource.

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
mark.doperalski@eversource.com

From: "Keddell, David M CIV USARMY CENAE (US)" <David.M.Keddell@usace.army.mil>  
To: Kurt I. Nelson/NUS@NU,  
Cc: Mark Doperalski/NUS@NU  
Date: 12/05/2016 07:16 AM  
Subject: RE: [EXTERNAL] Conference call to discuss SRP Historic Effects Meeting 12/6

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---

Hi Kurt:

Can do.... I'll be at 978 318 8692 after 6 AM....

-----Original Message-----

From: kurt.nelson@eversource.com [mailto:kurt.nelson@eversource.com <mailto:kurt.nelson@eversource.com>  
<mailto:kurt.nelson@eversource.com <mailto:kurt.nelson@eversource.com> > <mailto:kurt.nelson@eversource.com  
<mailto:kurt.nelson@eversource.com> <mailto:kurt.nelson@eversource.com <mailto:kurt.nelson@eversource.com> >  
> ]

Sent: Friday, December 02, 2016 12:57 PM

To: Keddell, David M CIV USARMY CENAE (US) <David.M.Keddell@usace.army.mil>

Cc: mark.doperalski@eversource.com

Subject: [EXTERNAL] Conference call to discuss SRP Historic Effects Meeting 12/6

Hi Dave,

Do you have time for about a 20 minute call next Tuesday morning (around 8ish) to discuss the SRP Historic Effects Meeting we are planning on holding mid January?

Thanks

Kurt I. Nelson

Licensing & Permitting Specialist

13 Legends Drive

Hooksett, NH 03106

kurt.nelson@eversource.com(email)

(603) 714-3031 (cell)

(603) 634-3256 (office)

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TOWN OF DURHAM  
8 NEWMARKET ROAD  
DURHAM, NH 03824  
Tel: 603/868-5571  
Fax: 603/868-1858

December 7, 2016

Mr. William Quinlan  
President  
Eversource Energy  
780 North Commercial Street  
Manchester, NH 03101

Dear Mr. Quinlan:

At the Durham Town Council meeting on December 5, 2016, a representative from the Durham Historic Association addressed the Council with regard to the Eversource Seacoast Reliability Project. Over the past several weeks, the Durham Historic Association has been surveying the Eversource right-of-way in Durham to identify and locate Durham's historic resources. While conducting its survey, the association discovered that damage has been done to some of these resources due to the use of heavy equipment by Eversource and its contractors.

Durham recognizes that Eversource has a right to maintain the existing powerline and to be in the existing utility right-of-way to make repairs when necessary. However, what has been observed by the Durham Historical Association is damage to the area resulting from the use of heavy equipment including, breaching stone walls, scarring and splitting stones, and putting at risk cellar holes, foundations, and other structures such as ancient bridges, first period boundary lines, mill sites, and ox pins. As such, the Town views evidence of this activity as representing potential abuse of Eversource's rights. Further, the Town believes that the intrusion of heavy equipment in the right-of-way threatens to inflict damage to Durham's historical structures and sites before they can be properly flagged and detected as part of the ongoing New Hampshire Site Evaluation process.

Durham has always been and continues to be a community that cherishes its history and strives to protect and preserve its unique historical resources. In view of this philosophy, and in consideration of the serious above-mentioned concerns expressed by the Durham Historic Association, the Town of Durham strongly urges that Eversource, the New Hampshire Site Evaluation Committee, the Attorney for the Public, and the New Hampshire Division of Historic Resources, working in tandem with the Durham Historic Association, take all necessary precautions to protect, identify, and properly flag the historical structures located within the Eversource right-of-way before proceeding further with any excavation activities relating to the Seacoast Reliability Project.



Attached for your information and review is correspondence dated December 7, 2016, from Durham Historic Association member, Janet Mackie, outlining the observed impact from heavy equipment on historic resources in Durham by Eversource and its contractors.

Do not hesitate to contact me should you have further questions with regard to this or any other matter.

Yours very truly,



Todd I. Selig  
Administrator

Enclosure

C: Ms. Sandra Gagnon, Eversource, Siting and Construction Services  
Ms. Elizabeth Muzzey, State of NH DHR  
Attorney Christopher Aslin, Assistant Attorney General, Environmental Protection  
Bureau & Counsel for the Public  
Ms. Pamela Monroe, Administrator, New Hampshire Site Evaluation Committee  
Durham Town Council  
Ms. Nancy Sandberg, Durham Historical Association  
Mr. Peter Stanhope, Chair, Durham Heritage Commission  
Ms. Martha Roy, Town Administrator, Town of Newmarket  
Mr. Christopher Clement, VP for Finance & Administration, UNH  
Attorney Douglas Patch, Orr & Reno, Attorneys at Law

## Jen Berry

---

**From:** Janet Mackie <janet.mackie@comcast.net>  
**Sent:** Wednesday, December 07, 2016 1:28 PM  
**To:** Jen Berry  
**Cc:** Nancy Sandberg; Beth Olshansky; Robin Mower  
**Subject:** RE: List of Damaged Areas...Eversource

Hi Jen,

It was Nancy Sandberg who spoke for the DHA at the Town Council meeting on Monday. The equipment that caused the damage in the right of way was similar to the drilling rig shown below, with metal continuous tracks, very heavy with a low center of gravity that allowed it to navigate steep slopes without rolling over. This machine crossed steep terrain and wetlands that were avoided in the past, when power line installation and maintenance was done using equipment on wheels. The photographs Nancy showed on Monday were taken in the right of way between Laroche Brook and Timberbrook Road.



The machine on metal tracks crossed the wetlands and Laroche Brook, down and up the steep embankments on both sides of Laroche Brook. It continued on the right of way, drilling bore holes, marking pole sites, running over stone walls as it came to them, crushing and dislodging large stones,

crossed the wide wetlands of Beaudet Brook, ascended the hill behind the Moriarty house, running over and dislodging the double stone walls that flank the ancient road on that height of land. It descended the hill (its track is visible from Rt 108) to Rt 108, crossed over and stopped at the pole site behind the Burnham - Mooney burial ground. From Timberbrook Rd, it went west in the right of way, flattened a stone wall adjoining the Willey farmhouse cellar and proceeded west to the pole site on the height of land above the stone wall that crosses Longmarsh Brook.

Metal tracked vehicles are prohibited in wetlands; either rubber tracks are required, or protective buffer mats must be laid before the wetlands are entered, as I understand the regulations. The machine's metal tracks left distinctive marks on rocks. There was no protective material laid across the wetlands. Not mentioned on Monday: the same type of drilling rig, and a rotary drum brush cutter were operated in the wetlands of Tom Hall Brook, on west side of the railroad track south of the bypass.

The photographs shown to Town Council were from this area – the path of the machine, the wetlands and stone walls it crossed are indicated on the map below.

blue = wetlands, green = mill sites, yellow dots = cellars, orange = burial sites, yellow dotted line = stone walls, red = path of machine



**From:** Keddell, David M CIV USARMY CENAE (US) <David.M.Keddell@usace.army.mil>  
**Sent:** Monday, December 12, 2016 8:31 AM  
**To:** mark.doperalski@eversource.com  
**Cc:** kurt.nelson@eversource.com  
**Subject:** RE: [EXTERNAL] SRP - Public Meeting

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Hi Mark:

Thanks for the email. I understand you are new to Eversource and this project so, at the risk of being repetitive for what you may know, I'll give a little review to help you understand where the project is in the federal process. For their 106 responsibilities the Corps follows appendix C and does not delegate their responsibilities to the state. Appendix C mirrors the 800 regs which most federal agencies follow. Appendix C has been developed by the Corps as outlined in 800.14 to administer their 106 responsibilities within their area of influence for 106.

This project qualifies for the New Hampshire general permit for the federal 404. Under the federal responsibility outlined in 106, the Corps has provided their permit area determinations to the New Hampshire DHR to aid in their responsibility outlined in the federal 800 regs as advisors to the lead federal agency to identify state resources within the federal agencies area of influence. The project has been redesigned a couple times and that is why there have been a couple permit area determination letters sent. The Corps permit area determinations function to seek DHR input and alert the DHR to those areas which are not part of a 106 review for the Corps of Engineers and the DHR may apply their authorities from the applicable state regulations.

So far Eversource has held over 40 public meetings which have included multiple meetings in all of the towns the project passes through. There have been only two parties requesting the Corps for consulting party status for 106, the Town of Newington and the owners of the Frink Farm. In the past the Town of Newington requested a one on one meeting with the Corps to discuss the Corps process and how it would proceed for this project. I met with Newington and we talked process. The Frinks have not made any such request.

At this time, only 2 areas of the 10 areas the DHR has identified to Eversource as historical resources with potential effects are within Corps permit areas (Corps permit areas are areas of influence for our 404 authorization). My understanding is that Eversource is and has been negotiating with the principals of those two areas to reduce and potentially eliminate any potential effect the project may have on those historical resources. Those negotiations have not been finalized at this time, though it does sound like it is a paperwork hold up to resolve. There has been a request for the parties of the two areas potentially to be affected to meet with the Corps, DHR and them. Given the substantial number of public meetings held to date; the consulting parties have only expressed an interest in the potential effects on their resources, there really is no reason to send out effects tables for areas the consulting parties are not concerned with or to hold another public meeting for the Corps process. The Corps would participate in a meeting with the DHR and the parties who own those 2 historical resources to help identify any potential effect on the resources within Corps areas of influence and or discuss any options to mitigate or resolve those concerns for project effects on those 2 historical resources.

The DHR may choose to use their state authorities to hold any potential public meetings they deem necessary to answer any remaining questions they may have for their state historical process.

In summary, the Corps is interested in seeing what the results of negotiations are for the two resources of concern and doesn't know of any other areas of concern within their permit area (area of influence) which require either public meetings or further review for 106.

Hope this helps.

Dave Keddell

-----Original Message-----

From: mark.doperalski@eversource.com [mailto:mark.doperalski@eversource.com]

Sent: Thursday, December 08, 2016 3:20 PM

To: Keddell, David M CIV USARMY CENAE (US) <David.M.Keddell@usace.army.mil>

Cc: kurt.nelson@eversource.com

Subject: [EXTERNAL] SRP - Public Meeting

Hi Dave,

As you are aware the DHR has requested that a public meeting be held to gain public input regarding the project effects upon 10 historic resources as part SRP. It is my understanding that only two of these resources fall with the USACE permit area; however, the DHR has suggested that it would be a good idea for you to share the effects tables for each of the 10 resources with the consulting parties.

Please advise how you would like to proceed.

Thank you,

Mark

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
mark.doperalski@eversource.com

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780 North Commercial Street  
Manchester, NH 03101

William J. Quinlan  
President, NH Electric Operations

December 23, 2016

Mr. Todd Selig  
Durham Town Administrator  
Town of Durham  
8 Newmarket Road  
Durham, NH 03824

RE: Durham Historic Association's questions about SRP's Preliminary Site Work

Dear Mr. Selig:

Thank you for sharing the concerns raised by the Durham Historic Association (DHA) and allowing us the opportunity to investigate and respond to the DHA's questions about possible damage to cultural resources during the soil boring work undertaken by Eversource to inform the subsurface design of its proposed transmission line, known as the Seacoast Reliability Project (SRP). This work was performed within the right of way corridor that passes through the Newmarket and Bennett Road Farms Historic District. We have thoroughly reviewed the concerns raised by the DHA, as explained below, and also propose a site walk with the regulatory agencies and the DHA to provide further assessment of the soil boring work.

First and foremost, please be assured the preservation of historic resources throughout all of our right of way corridors in New Hampshire is a priority for our company. For SRP, significant analysis by our cultural resources experts and consultation with state and federal agencies and organizations has taken place to ensure the proper identification and preservation of cultural resources. For example, an archaeological Phase IA investigation was completed by a team of professional archaeologists under the direction of an archaeologist meeting the Secretary of Interior Standards with over 30 years' work experience in New Hampshire. The Phase IA investigation consisted of in-depth archival research and records review of New Hampshire Division of Historical Resources (DHR) data as well as historical documents including, historical town maps and town histories. The archival research and records review identified the locations of known archaeological sites within the project's direct Area of Potential Effect (APE), defined for the SRP as the existing 100-foot-wide right of way corridor. It also identified archaeological sites previously recorded in the DHR site inventory files within 2.5 kilometers of the direct APE. It's our understanding that the primary concerns of the DHA relate to potential damage of wetlands, archaeological resources and stone walls within the 100 foot wide right of way corridor, although some resources identified in the town's letter are located outside of that corridor.

The Phase IA investigation included an archaeological reconnaissance (site walk) survey of the entire project's direct APE. This reconnaissance survey, in conjunction with the information derived from the archival research and records review, was used to identify archaeological sites exhibiting surficial evidence and identify areas having the potential to contain intact archaeological resources within the project's direct APE. A Phase IB archaeological investigation was then conducted to determine if intact subsurface archaeological deposits were present, at the locations identified during the Phase IA investigation.

Thus far, Eversource has undertaken preliminary application field work for the Seacoast Reliability Project ("SRP"), which included soil borings throughout the right of way. The soil boring work required the use of a tracked vehicle to take soil and rock samples near the proposed pole locations to help evaluate the subsurface conditions as part of our engineering design.

Prior to commencing field work, the contractor and our environmental consultant met to discuss sensitive resources within the right of way in order to avoid or minimize impacts associated with the field work. A desktop review of the project area mapping and access plans for each boring site was followed by a site walk with the contractor for further identification of resources in the field. In Durham, we sought alternate access routes to avoid wetland impacts to some soil boring locations from the University of New Hampshire, The Nature Conservancy and the New Hampshire Fish and Game Department. Following the development and review of the access plan, the contractor conducted the field work with oversight of an Eversource construction representative and in consultation with the Project's environmental consultant. The New Hampshire based soil boring contractor is fully aware of the historical significance of stone walls and the applicable wetland regulations.

The soil boring work and drilling work was performed in compliance with the New Hampshire Department of Environmental Services (NHDES), Wetland Bureau regulation; Env-Wt 303.05 (n). For SRP, the contractor used a metal track rig with low ground contact pressure and a rubber track rig that utilized matting to reduce ground contact pressure. In several locations on the SRP route, the contractor used additional mitigation methods to reduce impacts such as the use of lightweight matting and installing temporary bridges over streams. We do recognize that along the access routes the vegetation was compressed from the tracked vehicle. This impact is temporary as these locations will rapidly re-vegetate. Photographs of the drill rig, lightweight matting and a bridge are attached for your reference.

Eversource is committed to ensuring it is respectful of identified cultural resources, such as cellar holes and stone walls. The thorough and comprehensive archaeological investigations described above resulted in the identification of one archaeological site that may potentially meet the criteria for listing in the National Register of Historic Places (NRHP), the LaRoche Brook Wetlands Cellar Hole Site. The soil boring contractor was explicitly directed to access the corridor along the eastern edge of the right of way in this location. The contractor followed this direction and the Cellar Hole Site was not impacted. Additionally, the archeological consultant and DHR have recommended that this site be avoided during construction. This recommendation will be incorporated into the construction plans.

In addition, throughout years of accessing and maintaining the infrastructure within the corridor, well-established breaches in the existing stone walls have been used as the lowest impact

option for access. When conducting the soil boring work with the drill rig, existing breaches were used to avoid detrimental impacts to the stone walls. In a few locations, where breaches were not well established, there may have been unavoidable scratching or shifting of the rock. Based on visual assessments of the corridor in the fall, when the work was completed, we believe that this type of impact was minimal. In addition, after a Durham resident raised a question about potential damage to a stone wall on his property during the soil boring work, a site assessment was completed and our team consulted with the DHR on the issue. All were in agreement that accessing the stone wall through the existing breach did not damage the stone wall.

As mentioned above, we do believe a site walk would be beneficial. We have invited the DHA, DHR and the NHDES to join us for a review of each of the locations that are of concern to the DHA. Although the snow cover is currently delaying that assessment, we are prepared to coordinate this site walk expeditiously when site conditions allow. We are committed to addressing any issues that may be identified and, of course, will be employing protection measures to avoid any future impacts. We look forward to working with you, DHA, DHR and NH DES to ensure preservation of these important resources.

Sincerely,



William J. Quinlan  
President, NH Electric Operations

cc: Ms. Elizabeth Muzzey, State of NHDHR  
Mr. Dave Keddell, US Army Corps of Engineers  
Attorney Christopher Aslin, Assistant Attorney General, & Counsel for the Public  
Ms. Pamela Monroe, Administrator, New Hampshire Site Evaluation Committee  
Durham Town Council  
Ms. Nancy Sandberg, Durham Historical Association  
Mr. Peter Stanhope, Chair, Durham Heritage Commission  
Ms. Martha Roy, Town Administrator, Town of Newington  
Mr. Christopher Clement, VP for Finance & Administration, UNH  
Attorney Douglas Patch, Orr & Reno, Attorneys at Law



**Drill Rig**



**Bridge**



**Lightweight Matting**



**Foster's Daily Democrat  
Portsmouth Herald**

**Published: Week of 12/26**

### **NH DHR Seeks Public Input on Historic Resources**

PORTSMOUTH – The N.H. Division of Historical Resources (DHR) will host a public meeting to receive input on ten historic resources that have been recommended for analysis as part of Eversource's proposed Seacoast Reliability Project.

The DHR is currently reviewing the project's application, which has been filed with the New Hampshire Site Evaluation Committee.

The public meeting will be held on January 10, 2017 from 6:00PM – 8:00PM at the Sheraton Portsmouth Harborside Hotel at 250 Market Street, Portsmouth, NH 03801.

The project application and all other filings in the docket are located on the NHSEC website [www.nhsec.nh.gov](http://www.nhsec.nh.gov). For more information about this public meeting, please contact Nadine Miller, Preservation Project Reviewer, Division of Historical Resources.  
([nadine.miller@dcr.nh.gov](mailto:nadine.miller@dcr.nh.gov) or 603-271-6628)

**From:** mark.doperalski@eversource.com  
**Sent:** Friday, January 06, 2017 12:29 PM  
**To:** Janet Mackie  
**Cc:** Edna.Feighner@dcr.nh.gov; nadine.miller@dcr.nh.gov; nancy.sandberg@comcast.net; 'Boisvert, Richard A'  
**Subject:** RE: DHA concerns regarding SRP project impacts

Dear Janet,

I went out and walked the corridor from Timberbrook Lane to LaRoche Brook this morning. There is still 2-3 inches of hard-pack snow in many places and as you mentioned a fresh coating of snow that fell overnight. For that reason we will need hold off on the site walk until the field conditions are more conducive, at which time I will contact you.

Thank you for your willingness to participate.

Sincerely,

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

**EVERSOURCE**  
13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
mark.doperalski@eversource.com

 "Janet Mackie" ---01/06/2017 11:43:13 AM---"EXTERNAL EMAIL SENDER: Do not click on links or attachments if sender is unknown or if the email i

From: "Janet Mackie" <janet.mackie@comcast.net>  
To: Mark Doperalski/NUS@NU,  
Cc: <nancy.sandberg@comcast.net>, "Boisvert, Richard A" <Richard.Boisvert@dcr.nh.gov>, <nadine.miller@dcr.nh.gov>, <Edna.Feighner@dcr.nh.gov>  
Date: 01/06/2017 11:43 AM  
Subject: RE: DHA concerns regarding SRP project impacts

---

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Dear Mark,

Monday at 9 am is good, however we may have lost the opportunity as we had snow last night and now a 60% chance for Saturday. Please confirm by noontime on Sunday whether the Monday walkover is still planned.

The map sent by Mr. Selig relates to photographs shown the Durham Town Council as examples of damage caused by heavy equipment in the easement.

Sincerely,

Janet Mackie  
Durham Historic Association

**From:** mark.doperalski@eversource.com [<mailto:mark.doperalski@eversource.com>]

**Sent:** January 5, 2017 12:17

**To:** Janet Mackie <[janet.mackie@comcast.net](mailto:janet.mackie@comcast.net)>

**Cc:** nancy.sandberg@comcast.net; 'Boisvert, Richard A' <[Richard.Boisvert@dcr.nh.gov](mailto:Richard.Boisvert@dcr.nh.gov)>; [nadine.miller@dcr.nh.gov](mailto:nadine.miller@dcr.nh.gov);  
[Edna.Feighner@dcr.nh.gov](mailto:Edna.Feighner@dcr.nh.gov)

**Subject:** RE: DHA concerns regarding SRP project impacts

Dear Ms. Mackie,

Would you and the other interested DHA members be available to join us for a site walk this coming Monday morning, January 9th at 9 AM? I need to go out to the location of interest this afternoon or tomorrow morning and confirm the snow has melted off and that the conditions in the corridor will allow access. If you are available and the current field conditions will permit access and adequate surface visibility we will move forward with setting up the field visit with your organization and the DHR.

In general we cannot bring non-Eversource employees and/or contractors onto the corridor without acquiring appropriate landowner permission through a formal notification process. At this time we have permission to take the DHA and DHR on a walk of the corridor from Newmarket Road to LaRoche Brook. We are still waiting for landowner responses for the small stretch of corridor from Newmarket Road to Timberbrook Lane. That said, from the map included in the December 7th letter sent from Mr. Selig to Eversource, it appears the only area of concern the DHA had between Newmarket Road and Timberbrook Lane was a burial site that is located right off of New Market and Longmarsh Roads. This is a well marked cemetery exhibiting a granite block perimeter wall (if memory serves me correctly). If we cannot access this parcel by Monday we should be able to adequately observe the cemetery from the either of the two roadways.

Please let me know if you and the other interested DHA members will be available to complete the site walk on Monday.

Thank you for your time.

Sincerely,

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

**EVERSOURCE**

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603.479.1088 (cell)

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[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

From: "Janet Mackie" <[janet.mackie@comcast.net](mailto:janet.mackie@comcast.net)>

To: Mark Doperalski/NUS@NU,  
Cc: <nancy.sandberg@comcast.net>, "Boisvert, Richard A" <Richard.Boisvert@dcr.nh.gov>  
Date: 01/01/2017 03:20 PM  
Subject: RE: DHA concerns regarding SRP project impacts

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Dear Mr. Doperalski,

Yes, I and other DHA members will be interested in participating in the walkover between Laroche Brook to Timberbrook Road once the snow melts. Please let us know when you and Mr. Boisvert are available for the site walk.

Regards,

Janet Mackie  
Durham Historic Association

**From:** [mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com) [<mailto:mark.doperalski@eversource.com>]  
**Sent:** December 23, 2016 11:00  
**To:** [janet.mackie@comcast.net](mailto:janet.mackie@comcast.net)  
**Cc:** [nancy.sandberg@comcast.net](mailto:nancy.sandberg@comcast.net); Boisvert, Richard A ([Richard.Boisvert@dcr.nh.gov](mailto:Richard.Boisvert@dcr.nh.gov)) <[Richard.Boisvert@dcr.nh.gov](mailto:Richard.Boisvert@dcr.nh.gov)>  
**Subject:** DHA concerns regarding SRP project impacts

Dear Ms. Mackie,

We recently receive a letter from Mr. Todd Selig expressing concerns regarding potential impacts to historic resources as a result of the SRP project. I spoke with Dick Boisvert at the Division of Historical Resources (DHR) and he has agreed to accompany us on a site walk over of the area indicated in your email to Jen Berry dated December 7, 2016, which was attached to the letter we received from Mr. Selig. Though we will not be able to complete the site visit until the weather conditions permit (i.e., snow melts off), we would be happy to have you accompany us and further explain the DHA's concerns.

Please let us know if you would like to participate in the site walkover. If so, we will contact you once weather conditions improve to set up a time to conduct the site walkover that works with your schedule as well as the schedule of the DHR.

Thank you for your time,

Mark

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**Division of Historical Resources (DHR)**  
**SRP Public Input Meeting**  
**January 10, 2017**

**Public Input Meeting Regarding:** Seacoast Reliability Project (SRP) Effects Analysis for 10 Historic Resources

**Meeting Purpose:** DHR will discuss and seek public input on the 10 historic resources recommended by the DHR for effects analysis as part of the SRP Project

**Venue:** Sheraton Portsmouth Harborside Hotel; 250 Market Street, Portsmouth, NH 03801

**Meeting Date:** January 10, 2017

**Time:** 6:00pm-8:00pm

**DHR Attendees:**

Nadine Miller

**Eversource Attendees:**

SRP's cultural resources consultants and SRP team representatives

**Notifications:** (two weeks prior, early January)

Public Notice in local papers

Portsmouth Herald & Fosters Daily Democrat

Municipal Communications

Durham, Friday Update e-newsletter

Newington Website

**Meeting Outline:**

- DHR Introduction (5 minutes)
  - Explain purpose and scope of meeting
  - Provide direction for written public comment regarding the project effects on the 10 resources
  - Provide point of contact to send comments to; explain two week comment period
  - Explain that Eversource cultural resources experts standing by to answer questions specific to the nature of the 10 historic resources
- Following Introduction (1.5 hrs.)
  - Easels set up for the 10 historic resources, in groupings of 3 or 4
    - Map depicting location of each of the 10 resources in relation to SRP
    - Maps depicting the boundaries of each of the 10 resources
  - Members of the public visit each easel for high level information about the 10 resources
    - Eversource cultural resources experts available to provide information regarding the 10 historic resources
  - Comment sheets available for the public to submit written comment to DHR during the gathering if they wish







**RE: SRP - Project Design Change on Frink Property**

From: **Boisvert, Richard A**  
To: Mark Doperalski, Miller, Nadine  
Cc: Dena M. Champy

01/27/2017 08:59 AM

History: This message has been replied to and forwarded.

"EXTERNAL EMAIL SENDER: Do not click on links or attachments if sender is unknown or if the email is unexpected from someone you know, and never provide a user ID or password."

Hi Mark,

Nadine and I have reviewed the information and the DHR concurs with your evaluation that the proposed underground design will minimize the effects on the Frink Farm.

Please let me know if you need a more formal response.

Sincerely

Dick

**From:** mark.doperalski@eversource.com [mailto:mark.doperalski@eversource.com]  
**Sent:** Wednesday, January 25, 2017 1:39 PM  
**To:** Miller, Nadine; Boisvert, Richard A  
**Cc:** dena.champy@eversource.com  
**Subject:** SRP - Project Design Change on Frink Property

Hi Nadine and Dick,

I am writing to confirm the details of our discussion regarding the Seacoast Reliability Project (SRP) design change on the Frink property. In an attempt to minimize the project effects upon the Frink Farm, a National Register of Historic Places (NRHP)-eligible property, the project team has proposed modifying the portion of the project on the Frink property from an overhead design to an underground design. It is our understanding that the New Hampshire Division of Historical Resources (NH DHR) believes that placing the line underground across the Frink property rather than overhead will minimize the project effects upon the NRHP-eligible Frink Farm.

Please let us know if our understanding is correct.

Thank you for your time,

Mark

**Mark Doperalski, M.A., RPA**  
Cultural Resources Specialist

**EVERSOURCE**

13 Legends Drive  
Hooksett, NH 03106

603.479.1088 (cell)

603.634.2147 (office)

[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

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**From:** Keddell, David M CIV USARMY CENAE (US) <David.M.Keddell@usace.army.mil>  
**Sent:** Thursday, February 16, 2017 7:36 AM  
**To:** mark.doperalski@eversource.com  
**Cc:** dena.champy@eversource.com; kurt.nelson@eversource.com  
**Subject:** RE: [EXTERNAL] SRP Project

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---

Hi Mark:

All is well.... one day closer all the time....

I have not reached out to the Frinks during the negotiations. I was asked to wait until Eversource had completed their negotiations with them and really there was no role for the Corps to play in how both parties were going to solve how the ROW would be treated. I offered to sit and meet with all parties to discuss the options for above and below ground if that became necessary but neither side requested it..... My understanding is that the negotiations are waiting for confirmation from NRCS for going underground. Once the negotiations are complete, the plan for how to move forward will be set by that.

-----Original Message-----

From: [mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com) [<mailto:mark.doperalski@eversource.com>]  
Sent: Wednesday, February 15, 2017 3:18 PM  
To: Keddell, David M CIV USARMY CENAE (US) <[David.M.Keddell@usace.army.mil](mailto:David.M.Keddell@usace.army.mil)>  
Cc: [dena.champy@eversource.com](mailto:dena.champy@eversource.com); [kurt.nelson@eversource.com](mailto:kurt.nelson@eversource.com)  
Subject: [EXTERNAL] SRP Project

Hi Dave,

I hope you are well.

At a recent public meeting held by the Town of Newington regarding the SRP project, Helen Frink was asked by the DHR if the USACE had communicated with her regarding the project. Helen told the DHR and the meeting participants that the USACE has not communicated with her or her family.

Can you please confirm that the Frink Family and the Town of Newington are the only Consulting Parties pursuant to Section 106 on the SRP project and that you have communicated/consulted with both the Frinks and the Town of Newington regarding the SRP project.

Thank you for your time,

Mark

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
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**From:** mark.doperalski@eversource.com  
**Sent:** Tuesday, March 07, 2017 12:48 PM  
**To:** Janet Mackie  
**Cc:** Edna.Feighner@dcr.nh.gov; nadine.miller@dcr.nh.gov; 'Boisvert, Richard A'; nancy.sandberg@comcast.net  
**Subject:** RE: DHA concerns regarding SRP project impacts

Hi Janet,

We will attempt to set up a field visit approximately two to three weeks from now. I will offer up some days and times when we get closer to check on your availability. The DHR and the DES will also be participating in the field visit.


In the meantime, I will send you a link where you can access a map set depicting the Durham section of the project route overlaid on imagery generated from LiDAR data. Please let me know if you do not receive the link or if the link does not work for you. If you send me your mailing address I can also send you a hard copy of the map set.

Sincerely,

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

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13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
mark.doperalski@eversource.com

 Mark Doperalski---01/06/2017 12:29:27 PM---Dear Janet, I went out and walked the corridor from Timberbrook Lane to LaRoche Brook this morning.

From: Mark Doperalski/NUS  
To: "Janet Mackie" <janet.mackie@comcast.net>,  
Cc: Edna.Feighner@dcr.nh.gov, nadine.miller@dcr.nh.gov, nancy.sandberg@comcast.net, "Boisvert, Richard A" <Richard.Boisvert@dcr.nh.gov>  
Date: 01/06/2017 12:29 PM  
Subject: RE: DHA concerns regarding SRP project impacts

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Thank you for your willingness to participate.

Sincerely,

Mark

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Cc: <nancy.sandberg@comcast.net>, "Boisvert, Richard A" <Richard.Boisvert@dcr.nh.gov>, <nadine.miller@dcr.nh.gov>, <Edna.Feighner@dcr.nh.gov>  
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Dear Mark,

Monday at 9 am is good, however we may have lost the opportunity as we had snow last night and now a 60% chance for Saturday. Please confirm by noontime on Sunday whether the Monday walkover is still planned.

The map sent by Mr. Selig relates to photographs shown the Durham Town Council as examples of damage caused by heavy equipment in the easement.

Sincerely,

Janet Mackie  
Durham Historic Association

**From:** mark.doperalski@eversource.com [<mailto:mark.doperalski@eversource.com>]  
**Sent:** January 5, 2017 12:17  
**To:** Janet Mackie <janet.mackie@comcast.net>  
**Cc:** nancy.sandberg@comcast.net; 'Boisvert, Richard A' <Richard.Boisvert@dcr.nh.gov>; nadine.miller@dcr.nh.gov; Edna.Feighner@dcr.nh.gov  
**Subject:** RE: DHA concerns regarding SRP project impacts

Dear Ms. Mackie,

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will permit access and adequate surface visibility we will move forward with setting up the field visit with your organization and the DHR.

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Mark

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[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

From: "Janet Mackie" <[janet.mackie@comcast.net](mailto:janet.mackie@comcast.net)>  
To: Mark Doperalski/NUS@NU,  
Cc: <[nancy.sandberg@comcast.net](mailto:nancy.sandberg@comcast.net)>, "Boisvert, Richard A" <[Richard.Boisvert@dcr.nh.gov](mailto:Richard.Boisvert@dcr.nh.gov)>  
Date: 01/01/2017 03:20 PM  
Subject: RE: DHA concerns regarding SRP project impacts

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Dear Mr. Doperalski,

Yes, I and other DHA members will be interested in participating in the walkover between Laroche Brook to Timberbrook Road once the snow melts. Please let us know when you and Mr. Boisvert are available for the site walk.

Regards,

Janet Mackie  
Durham Historic Association

**From:** [mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com) [<mailto:mark.doperalski@eversource.com>]

**Sent:** December 23, 2016 11:00

**To:** [janet.mackie@comcast.net](mailto:janet.mackie@comcast.net)

**Cc:** [nancy.sandberg@comcast.net](mailto:nancy.sandberg@comcast.net); Boisvert, Richard A ([Richard.Boisvert@dcr.nh.gov](mailto:Richard.Boisvert@dcr.nh.gov)) <[Richard.Boisvert@dcr.nh.gov](mailto:Richard.Boisvert@dcr.nh.gov)>

**Subject:** DHA concerns regarding SRP project impacts

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[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

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**From:** mark.doperalski@eversource.com  
**Sent:** Tuesday, March 28, 2017 3:06 PM  
**To:** Price, David; Boisvert, Richard A (Richard.Boisvert@dcr.nh.gov);  
Edna.Feighner@dcr.nh.gov; nadine.miller@dcr.nh.gov  
**Subject:** SRP -- field walk with the Durham Historic Association (DHA)

Hi Dave, Dick, Edna, and Nadine,

We are looking to schedule a time to conduct our field visit with the DHA and your respective agencies. In the interest of efficiency and transparency, the plan is to get everyone out there at the same time.

Based on the current ground conditions and predicted weather conditions we are aiming for sometime within the window of Friday April 7th through Friday April 14th. Once we establish some times and dates that work for both the DHR and the DES, I will relay those options to the DHA and then schedule the meeting. The meeting has the potential to take the better part of a day so we should plan to start earlier rather than later.

To this end, please send me some dates when you have the availability to meet in the field at 8 or 9 AM with the potential to stay for an extended period.

Thank you,

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

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603.479.1088 (cell)  
603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

**From:** Sarah Allen <sallen@normandeau.com>  
**Sent:** Monday, April 03, 2017 9:53 AM  
**To:** mark.doperalski@eversource.com; kurt.nelson@eversource.com;  
dena.champy@eversource.com  
**Subject:** FW: Seacoast reliability project and historical

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---

Sent to me by Dave Keddell re his recent email exchange with DHR.

-----Original Message-----

From: Keddell, David M CIV USARMY CENAE (US) [<mailto:David.M.Keddell@usace.army.mil>]  
Sent: Monday, April 03, 2017 8:42 AM  
To: Sarah Allen  
Subject: FW: Seacoast reliability project and historical

-----Original Message-----

From: Miller, Nadine [<mailto:Nadine.Miller@dcr.nh.gov>]  
Sent: Friday, March 31, 2017 9:19 AM  
To: Keddell, David M CIV USARMY CENAE (US) <[David.M.Keddell@usace.army.mil](mailto:David.M.Keddell@usace.army.mil)>; Susan Geiger ESq <[sgeiger@orr-reno.com](mailto:sgeiger@orr-reno.com)>; Helen H. Frink <[hfrink@keene.edu](mailto:hfrink@keene.edu)>  
Subject: [Non-DoD Source] RE: Seacoast reliability project and historical

Thank you for reaching out. The DHR would like to have confirmation from the Town and from the Frinks that all of their concerns have been addressed. The DHR is also waiting to have a site visit in Durham scheduled for April 10th. Then, we plan to provide our comments on effects at that time. We will stay in touch.  
Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
603-271-6628

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NHDHR is in the process of scanning our paper records. Consequently, availability of certain records may be limited during the next several months. When scheduling a research or file review appointment please specify the town and document type you wish to review. We will do our best to accommodate your research needs in a timely fashion during this process.

-----Original Message-----

From: Keddell, David M CIV USARMY CENAE (US) [<mailto:David.M.Keddell@usace.army.mil>]

Sent: Thursday, March 30, 2017 10:53 AM

To: Susan Geiger ESq; Helen H. Frink ; Miller, Nadine

Subject: Seacoast reliability project and historical

Hi Folks:

Some time ago the discussions began about going underground to resolve historical concerns. It appears there is an agreement in place to do that and address some other concerns. There was a request for a meeting but that was put on hold until these discussions were resolved.

My understanding is that the discussions resulted in a modified application to address many issues. The modification as described by the consultants for Eversource is that there are "four significant design changes: (1) siting an additional segment of the Project underground across the Frink Farm in the Newington Center Historic District, and the Hannah Lane residential neighborhood; (2) modifying the underground route through Gundalow Landing; (3) relocating the site of an underground-to-overhead transition structure in Newington; and (4) altering the overhead design to accommodate concerns raised by New Hampshire Department of Transportation ("NHDOT"), and residents and officials in the Towns of Durham and Newington.

PSNH has agreed to site an additional 2,680 feet of the Project underground across the Frink Farm, in the Newington Center Historic District, and in the Hannah Lane residential neighborhood. PSNH, through numerous discussions and negotiations with the Town of Newington and its residents, has been able to secure contracts to acquire the necessary land rights to site the Project underground for this segment. In addition to siting the Project underground in this area, PSNH will remove the existing distribution line across the Frink Farm, and across the Hannah Lane residential neighborhood, thereby restoring the Newington Center Historic District to its viewscape as it was in the early 1900s.

To accommodate added concerns from the Town of Newington, PSNH will also modify its location for the underground section along the Gundalow Landing roadway, and will relocate the transition structure on Town owned property on the eastern side of Little Bay Road after crossing Little Bay. The relocation of the transition structure will significantly reduce its visibility."

Does this resolve the historical concerns and is there still a reason to have a meeting beyond drawing up an MOA?

Thank you

Dave Keddell

---

Please consider the environment before printing this e-mail.

**From:** Keddell, David M CIV USARMY CENAE (US) <David.M.Keddell@usace.army.mil>  
**Sent:** Friday, April 07, 2017 10:25 AM  
**To:** mark.doperalski@eversource.com; kurt.nelson@eversource.com  
**Cc:** Sarah Allen  
**Subject:** FW: Eversource SRP in Newington  
**Attachments:** Water & Soil GEI Aug Sept 2016.pdf

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---

HI:

This is the answer I was sent concerning the SRP project and the Frink farm....

-----Original Message-----

From: Frink, Helen [<mailto:hfrink@keene.edu>]  
Sent: Wednesday, April 05, 2017 10:29 AM  
To: 'Geiger, Susan S. ([SGeiger@orr-reno.com](mailto:SGeiger@orr-reno.com))' <[SGeiger@orr-reno.com](mailto:SGeiger@orr-reno.com)>; Keddell, David M CIV USARMY CENAE (US) <[David.M.Keddell@usace.army.mil](mailto:David.M.Keddell@usace.army.mil)>; Miller, Nadine <[Nadine.Miller@dcr.nh.gov](mailto:Nadine.Miller@dcr.nh.gov)>  
Cc: Sally Ryder <[onebyke2ryders@gmail.com](mailto:onebyke2ryders@gmail.com)>; [jdfrink53@comcast.net](mailto:jdfrink53@comcast.net)  
Subject: [Non-DoD Source] Eversource SRP in Newington

Hello David Keddell, Susan Geiger, and Nadine Miller,

I have read relevant portions of the amendment to the Eversource SRP application. While placing the transmission line underground through the Frink Farm and removing the existing distribution line is an improvement, it does not fully resolve the issue of protecting the historic viewscape, as Eversource claims on page 1 of its Executive Summary. The 65-foot tall transition structure between the overhead line through the Pickering Farm and the underground line on our property will be clearly visible from Nimble Hill Road and Old Post Road. The visual simulation in Appendix 32 A (a) in the last two pages of the long white binder plainly shows the highly visible transition structure, an incompatible intrusion in the view most commonly enjoyed by passersby as they travel the Nimble Hill Road. It will not be screened by a wooded area, because the area around it needs to be kept clear.

The amendment also omits from consideration the historic status of the Pickering Farm, which has been found eligible for the state and national registers of historic places.

I understand that the USACE is also involved in wetlands permitting. Construction of the underground transmission line will necessitate excavating at least eight feet deep through the wetlands on our property. The wetlands, and their tributary of Knight's Brook, are heavily contaminated with PFOA and PFOS, at many times the USEPA and New Hampshire Ambient Groundwater Quality Standards (NHAGQS) limits. These contaminants move down plume from the Superfund site on Pease. The amended application does not clarify what measures will be taken to prevent the further dispersal of these toxic substances into agricultural soils and the abutting wetlands.

I have attached a report that Eversource received from their consultant, GEI, on December 15, 2016, well before the amendment was filed. Page 4 of the report shows concentrations of PFOA at 12 times the USEPA limit found in our tributary of Knight's Brook. PFOS was measured at 41.57 times the USEPA and New Hampshire Ambient Groundwater Quality Standards limits.

Newington is purchasing a conservation easement of abutting acreage owned by Mr. and Mrs. John Ripley, a purchase partially funded by Eversource's Aquatic Resources Mitigation payment. These newly conserved wetlands may also be impacted by the further spread of PFOA and PFOS during construction.

Permitting for the SRP should not be completed until or unless Eversource specifies how the dispersal of these toxins into agricultural soils and abutting wetlands can be prevented during construction.

Helen Frink

**From:** Miller, Nadine <Nadine.Miller@dcr.nh.gov>  
**Sent:** Tuesday, April 18, 2017 1:03 PM  
**To:** mark.doperalski@eversource.com  
**Subject:** SRP

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Today is the only day that I am in the office this week. SRP is my number one priority next week (besides DOE). I plan to complete our response then.

Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
603-271-6628

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**NHDHR is in the process of scanning our paper records. Consequently, availability of certain records may be limited during the next several months. When scheduling a research or file review appointment please specify the town and document type you wish to review. We will do our best to accommodate your research needs in a timely fashion during this process.**

**From:** mark.doperalski@eversource.com  
**Sent:** Tuesday, April 18, 2017 1:08 PM  
**To:** nadine.miller@dcr.nh.gov  
**Subject:** NPT and SRP

Hi Nadine,

It seems we keep missing each others phone calls. So I'll take a stab at it with an email.

Regarding SRP, now that the field visit with the DHA has been completed, can you tell me when you think the DHR will finalize the effects determinations. Also regarding SRP, has or will the DHR respond to the email sent by Helen Frink on April 5th? Would it be possible for you to share that response with the SRP project team?

Regarding NPT, the tables to be posted on the DOE website notifying the consulting parties of documents ready for their review as part of the Section 106 process have been revised per your request. I am having Vicky look over the archaeology table to do a double check of the newly added "DHR Finding" column which describes the consultant recommendations and DHR concurrence or comment otherwise.

Also regarding NPT, your review of the North Hill Road Area evaluation by Hunter Research found that the area does not warrant survey as a historic district for the purposes of the NPT project and that two individual properties (41 North Hill Road and 147 NH Route 145) warrant individual survey. Hunter's evaluation discusses the North Hill Cemetery, but you did not find that it warranted individual survey in your response on March 24th. I want to confirm that an individual form is indeed not required for the North Hill Cemetery - the resource is more than 25 feet from project area and along the underground portion.

Thank you for your consideration.

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

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603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)



**From:** Miller, Nadine <Nadine.Miller@dcr.nh.gov>  
**Sent:** Tuesday, April 18, 2017 1:41 PM  
**To:** mark.doperalski@eversource.com  
**Subject:** RE: NPT and SRP

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I will be making SRP my priority project next week. I need to review all of the materials before responding to the first point in your email below.

Thanks for revising the archaeology tables for NPT.

I didn't see a lot of discussion on the cemetery, sorry I missed it. If there is any potential direct or indirect impact to the North Hill Cemetery, then an individual inventory form should be prepared.

Thanks,  
Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
603-271-6628

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**From:** [mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com) [<mailto:mark.doperalski@eversource.com>]  
**Sent:** Tuesday, April 18, 2017 1:08 PM  
**To:** Miller, Nadine  
**Subject:** NPT and SRP

Hi Nadine,

It seems we keep missing each others phone calls. So I'll take a stab at it with an email.

Regarding SRP, now that the field visit with the DHA has been completed, can you tell me when you think the DHR will finalize the effects determinations. Also regarding SRP, has or will the DHR respond to the email sent by Helen Frink on April 5th? Would it be possible for you to share that response with the SRP project team?

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Thank you for your consideration.

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

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**From:** mark.doperalski@eversource.com  
**Sent:** Tuesday, May 30, 2017 7:45 AM  
**To:** Boisvert, Richard A (Richard.Boisvert@dcr.nh.gov); nadine.miller@dcr.nh.gov  
**Subject:** FYI -- SRP technical sessions this morning

FYI - 10:00 AM to 12:00 AM Tuesday, May 30th – Historical Resources – Cherilyn Widell and Victoria Bunker

**New Hampshire Public Utilities Commission**  
**21 South Fruit Street; Concord, NH**

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

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[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

**From:** mark.doperalski@eversource.com  
**Sent:** Wednesday, July 26, 2017 2:56 PM  
**To:** nadine.miller@dcr.nh.gov  
**Cc:** Dick Boisvert (Richard.A.Boisvert@dcr.nh.gov); dena.champy@eversource.com  
**Subject:** SRP - Adverse Effects  
**Attachments:** SRP\_Avoidance&MinimizationMemo\_07-26-2017.pdf; SRP\_ConstructionPublic\_072517.pdf

Hi Nadine,

As we discussed, here is a brief memo describing the applicant's proposed avoidance, minimization, and mitigation measures to help inform discussions pertaining to adverse effects identified by the DHR in a letter to the USACE on June 20, 2017.

Please let me know if you have any questions or concerns.

Thank you,

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

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*(See attached file: SRP\_Avoidance&MinimizationMemo\_07-26-2017.pdf)(See attached file: SRP\_ConstructionPublic\_072517.pdf)*

**To:** Nadine Miller, Preservation Project Reviewer, Division of Historical Resources (DHR)

**Date:** July 26, 2017

**Subject:** Seacoast Reliability Project (R&C #6528) - Avoidance, Minimization, and Mitigation

**From:** Mark Doperalski, Cultural Resources Specialist, Eversource Energy

This memorandum describes avoidance, minimization, and mitigation measures proposed by the applicant, Eversource Energy, to help facilitate discussions pertaining to adverse effects identified by the DHR upon historic resources as part of the proposed Seacoast Reliability Project (Project).

The DHR, in a letter dated June, 20, 2017 to the U.S. Army Corps of Engineers (USACE), identified four resources that would be adversely affected by the proposed Project. Those resources include the Newmarket and Bennett Roads Farms Historic District, Durham Point Historic District, Little Bay Underwater Cable Terminal Houses Historic District, and the Alfred Pickering Farm. The DHR has expressed particular concern regarding physical impacts to historic stone walls and features that contribute to the rural character of the Durham Point Historic District and Newmarket and Bennett Roads Farms Historic District, physical impacts to the Little Bay Underwater Cable Terminal Houses Historic District, and visual changes introduced due to the use of larger scale towers upon the Alfred Pickering Farm.

Eversource Energy proposes the following avoidance, minimization, and mitigation measures. The discussion of these measures is organized below by resource.

**Newmarket and Bennett Roads Farms Historic District:**

There are nine stone wall segments (WP-12 through WP-20) within the Newmarket and Bennett Roads Farms Historic District that are intersected by the proposed Project corridor (see attached map set; pages 8-10). Impacts to all nine walls will be avoided by the Project through implementation of the measures listed by wall in Table 1. An example of timber matting over a stone wall segment is depicted in Figure 1.

**Table 1. Proposed Avoidance Measures**

Stone Wall ID	Proposed Measure
WP-12	Mat over stone wall for access and construction pad
WP-13	Use existing opening for access
WP-14	Use existing opening for access
WP-15	Mat over stone wall for access and construction pad
WP-16	Mat over stone wall for access
WP-17	Mat over stone wall for access
WP-18	Use existing opening for access
WP-19	Use existing opening for access
WP-20	Do not cross



**Figure 1. Timber Matting Over Stone Wall Segment**

**Durham Point Historic District:**

There are seven stone wall segments (WP-32 through WP-35B; and WP35D) as well as one granite quarry (27ST119 – Langmaid Road Quarry) within or directly adjacent to the Durham Point Historic District that are intersected by the Project corridor (see attached map set; pages 14-16). Impacts to six of the seven walls will be avoided by the Project through implementation of the measures listed by wall in Table 2. In the case of WP-33, the Project proposes to minimize impacts by widening one exiting breach and repairing a second existing breach with the stone removed from the first.

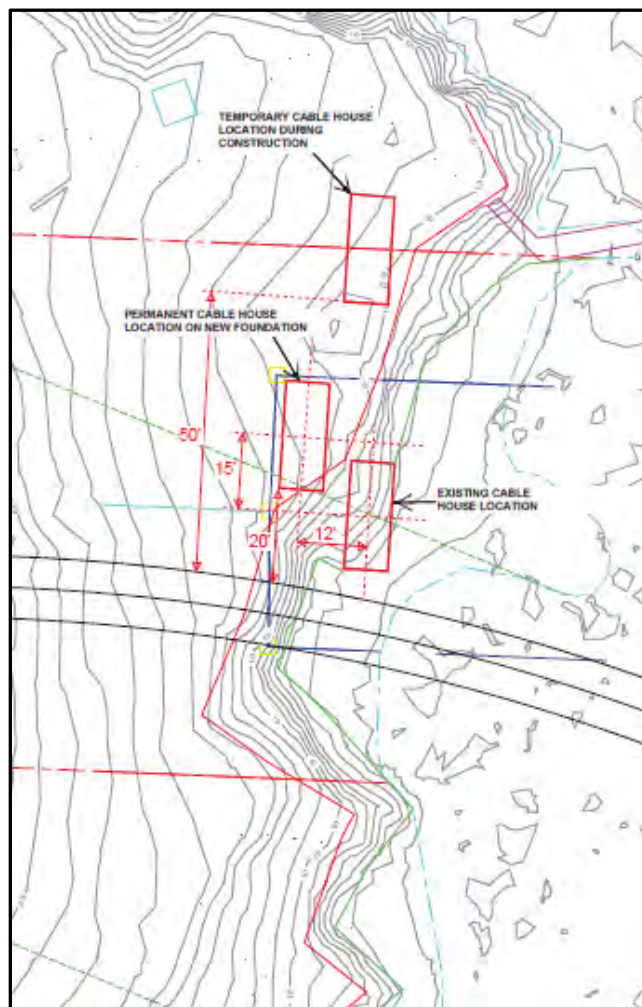
**Table 2. Proposed Avoidance and Minimization Measures**

<b>Stone Wall ID</b>	<b>Proposed Measure</b>
WP-32	Mat over stone wall for access and construction pad
WP-33	Two existing openings: rebuild one, widen one
WP-34	Mat Over Stone Wall for Access
WP-35	Use existing Opening for Access
WP-35D	Use existing Opening for Access
WP-35B	Use existing Opening for Access
WP-35A	Mat Over Stone Wall for Access

Regarding the stone quarry, the Project will be able to avoid most impacts by routing access around the quarry features. There are two locations, one an access point and the second a work pad location associated with structure F107-83/84, where avoidance through moving project components is not possible. In both cases timber matting will be used to avoid impacts to quarry features.

**Little Bay Underwater Cable Terminal Houses Historic District:**

Placement of proposed Project components within the Little Bay Underwater Cable Terminal Houses Historic District requires the cable terminal house on the western shoreline to be moved from its present location as well as the removal of sections of the historic underwater cables. The Project proposes to stabilize and move the cable terminal house 50 feet to the north of its current location during construction. Once construction has been completed the Project proposes to permanently place the cable terminal house in a location 12 feet to the west of and 15 feet to the north of its current location (see Figure 2). The cable terminal house would be placed on a new foundation constructed either of field stone or concrete faced with field stone. This new location will allow future maintenance of the electric line without impacting the cable terminal house. It will also remove the structure from within the tidal zone, which will increase the longevity of the historic structure and allow restoration of intertidal habitat at this location. Prior to moving the cable terminal house, Historic American Engineering Record (HAER) documentation will be completed for the structure. Additionally, the Project proposes to increase public awareness of the historic district through the placement of interpretive signage at a frequently used access point to Little Bay.

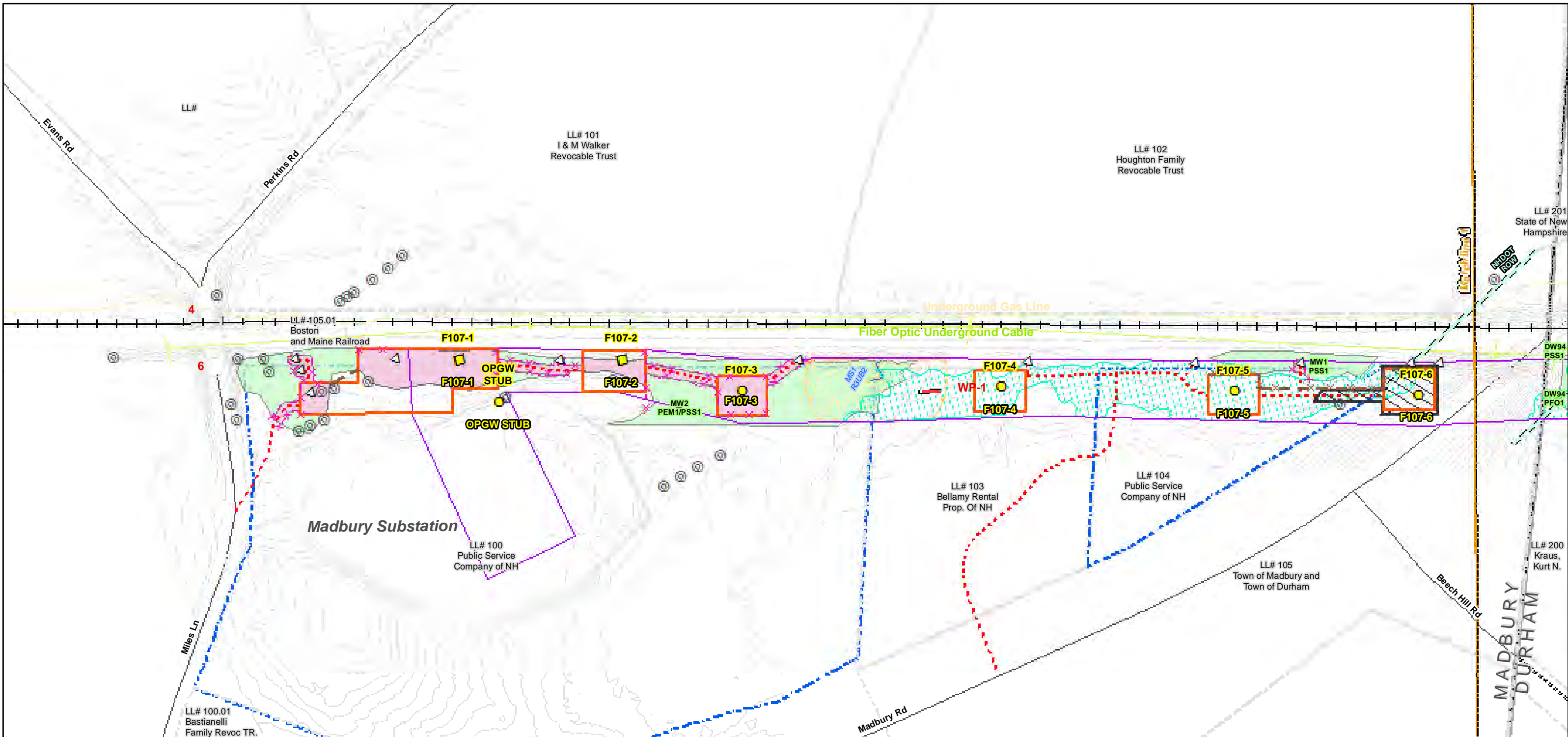


**Figure 2. Proposed Cable Terminal House Relocation**

**Alfred Pickering Farm:**

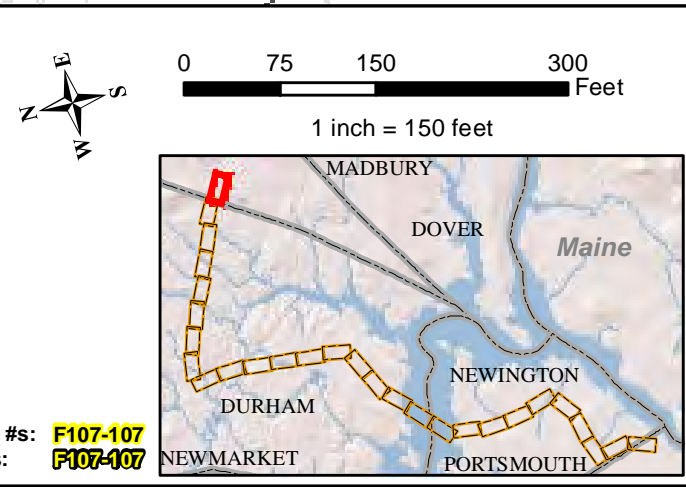
Currently, an existing electric distribution line runs across the Alfred Pickering Farm property and is visible from several portions of the property. The Project proposes to replace the existing distribution line with a transmission line of larger size within the same corridor. The Project design minimizes adverse visual effects on the Alfred Pickering Farm. First, the distribution line will be removed from this corridor to reduce structure heights. Based on 3-D and photo overlay modeling, the reduced structure heights will not rise above the existing tree line. Longer span lengths will require only one structure within the National Register eligible boundary of the property and it will be placed out of view in a wooded area. The only structure (F107-104/107) in view from the Pickering Farm buildings or from Little Bay Road will be located on the adjacent parcel to the west, in the field north of a newly constructed house (see attached map set; page 21). This structure will be 65.5 feet tall. Existing trees along the northern edge of the corridor will minimize the presence of the structure in the view. Second, the Project will use a weathering steel structure, which will reduce visual impact of the structure by reducing the visual contrast against the backdrop of the existing trees. Last, the Project proposes that, with landowner permission, vegetative screening consisting of a tall growing tree species be planted on the southern edge of the corridor. The structure (F107-104/107) will initially be visible against the wooded background but will not rise above the treetops and would eventually be blocked by the tall growing vegetative screening along the southern edge of the corridor.





Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

Town Boundary	Existing Str (Remain)	Temporary Culvert
Approximate Parcel Boundary	Existing Str (Removed/Modified)	Temporary Mat Bridge
PSNH Fee Area	Access Roads	NH DOT Right-of-way
Work Pad	Silt Curtain	Designated River Buffer 250'
<b>Roads</b>	Silt Fence, Hay Bale, Erosion Control Mix Berm	Tree Clearing
Local	Straw Wattle	2ft Contour
Not Maintained	Wetlands Impact	Stonewall alignment
Private	Stream Centerline	Historic Districts
State	Stream Top of Bank	
Railroad		



Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #: **F107-107**  
 Permitting Structure #: **F107-107**

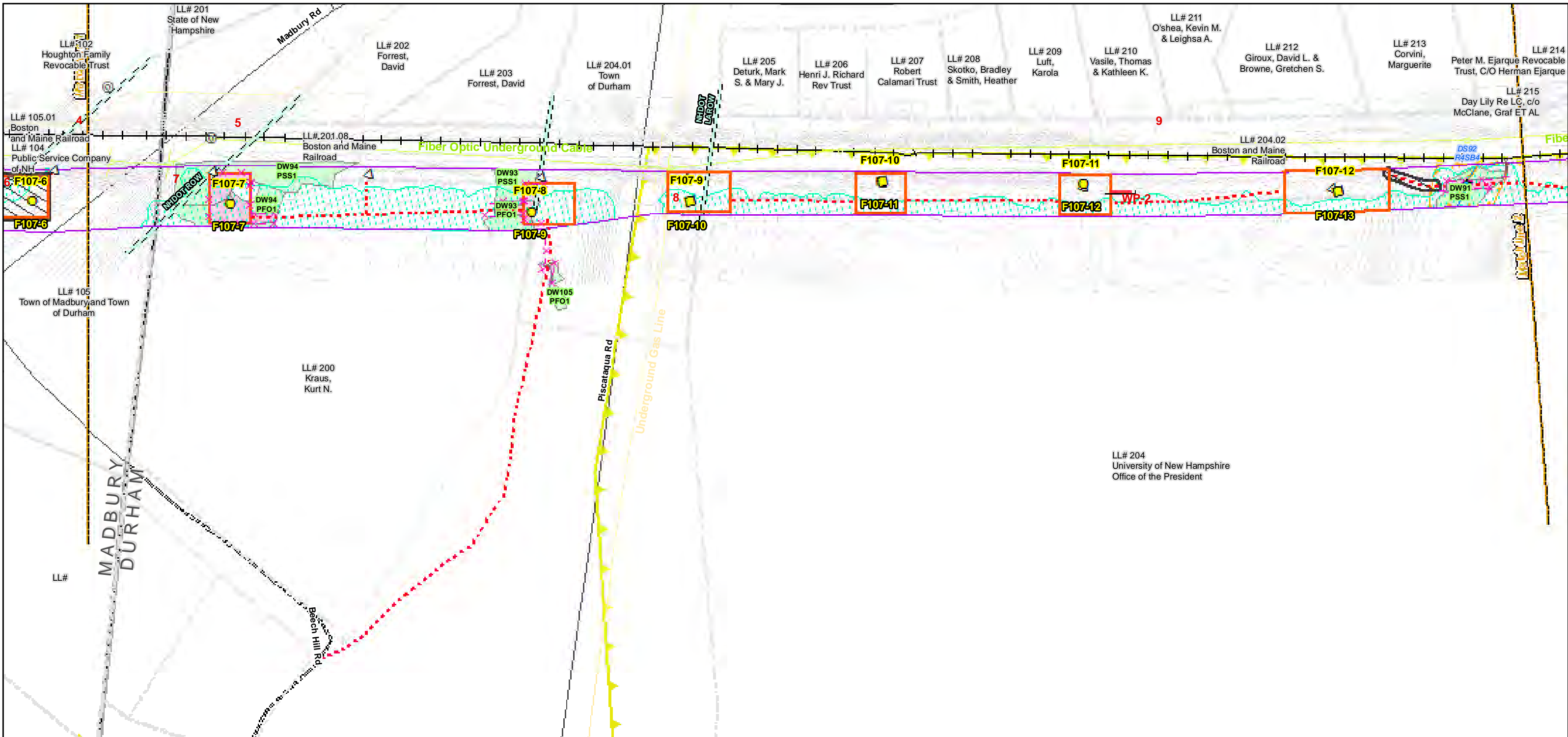
**EVERSOURCE**  
ENERGY

**NORMANDEAU ASSOCIATES**  
Environmental Consultants

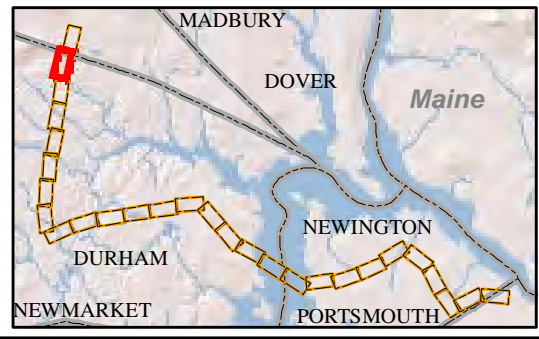
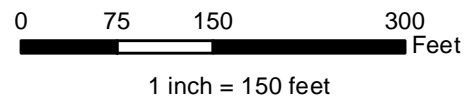
**Seacoast Reliability Project**

**Construction Access Plans**

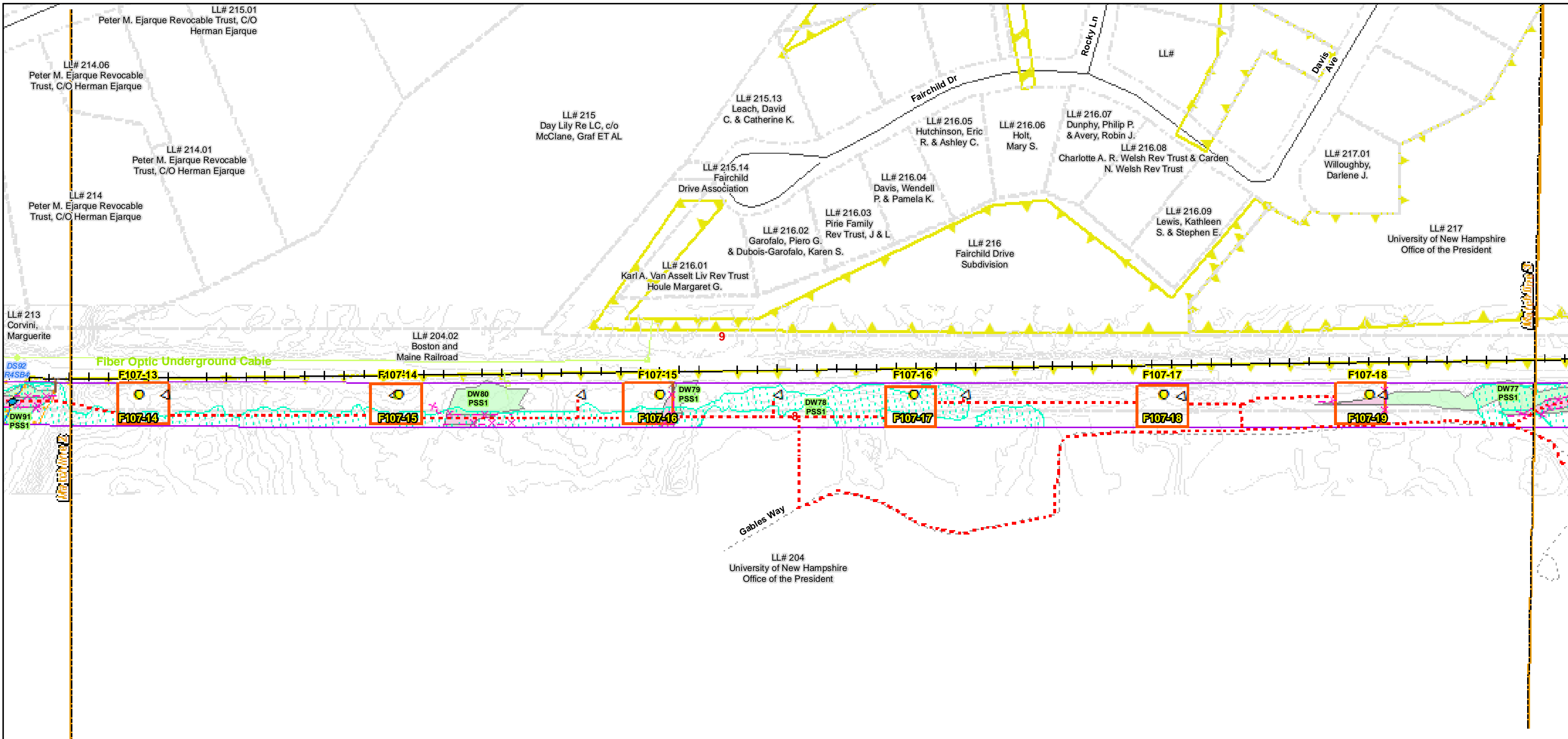
**For Pre-Bid**



<p>Drawn By: dpelletier Date: 7/26/2017 Project No: 22860.003</p>	<p><b>Town Boundary</b></p> <p><b>Approximate Parcel Boundary</b></p> <p><b>PSNH Fee Area</b></p> <p><b>Work Pad</b></p> <p><b>Roads</b></p> <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Access Roads</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetlands Impact</li> <li>Stream Centerline</li> <li>Stream Top of Bank</li> </ul>	<ul style="list-style-type: none"> <li>Temporary Culvert</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Designated River Buffer 250'</li> <li>Tree Clearing</li> <li>2ft Contour</li> <li>Stonewall alignment</li> <li>Historic Districts</li> </ul>	<p>Parcel boundary and owner data were acquired from municipal databases as of May 2016.</p> <p>Construction Structure #s: <b>F107-107</b> Permitting Structure #s: <b>F107-107</b></p>
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<p><b>EVERSOURCE</b> ENERGY</p>	<p><b>Seacoast Reliability Project</b></p> <p><b>Construction Access Plans</b></p>
<p><b>NORMANDEAU ASSOCIATES</b> Environmental Consultants</p>	<p><b>For Pre-Bid</b></p>

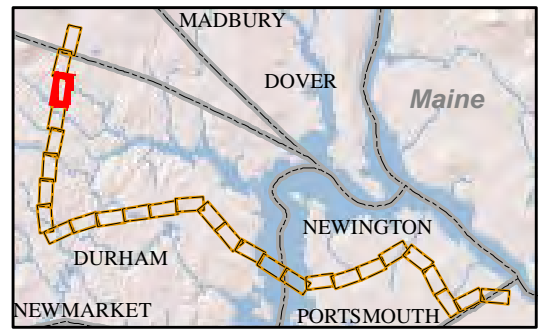
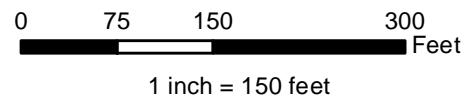


Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

Town Boundary	Existing Str (Remain)	Temporary Culvert
Approximate Parcel Boundary	Existing Str (Removed/Modified)	Temporary Mat Bridge
PSNH Fee Area	Access Roads	NH DOT Right-of-way
Work Pad	Silt Curtain	Designated River Buffer 250'
<b>Roads</b>	Silt Fence, Hay Bale, Erosion Control Mix Berm	Tree Clearing
Local	Straw Wattle	2ft Contour
Not Maintained	Wetlands Impact	Stonewall alignment
Private	Stream Centerline	Historic Districts
State	Stream Top of Bank	
Railroad		

Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #s: **F107-107**  
 Permitting Structure #s: **F107-107**



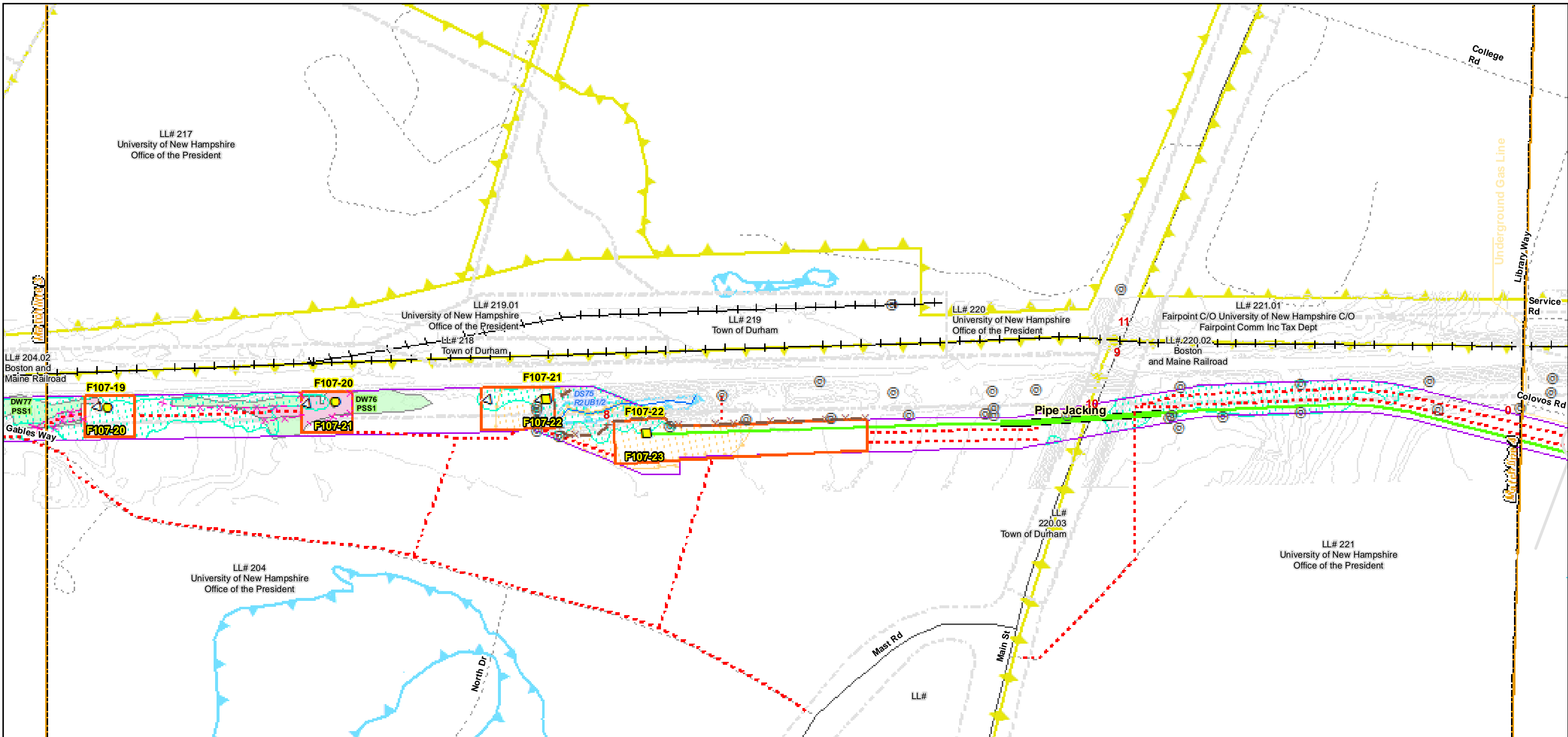
**EVERSOURCE**  
ENERGY

**NORMANDEAU ASSOCIATES**  
Environmental Consultants

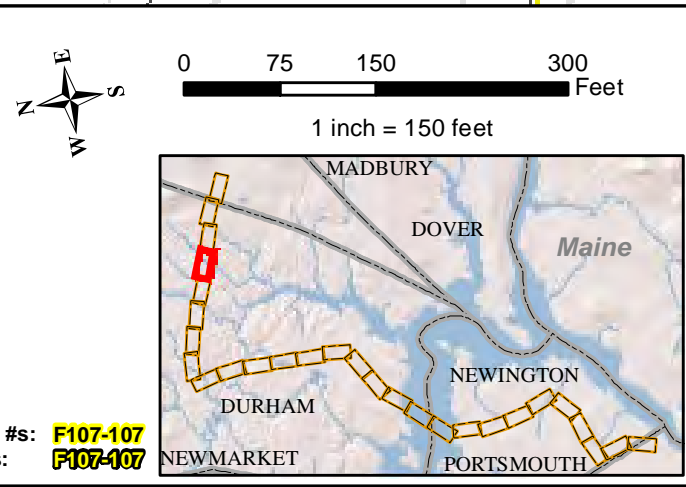
**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**



<ul style="list-style-type: none"> <li>Town Boundary</li> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Work Pad</li> <li>Roads <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Access Roads</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetlands Impact</li> <li>Stream Centerline</li> <li>Stream Top of Bank</li> </ul>	<ul style="list-style-type: none"> <li>Temporary Culvert</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Designated River Buffer 250'</li> <li>Tree Clearing</li> <li>2ft Contour</li> <li>Stonewall alignment</li> <li>Historic Districts</li> </ul>
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**EVERSOURCE**  
ENERGY

**NORMANDEAU ASSOCIATES**  
Environmental Consultants

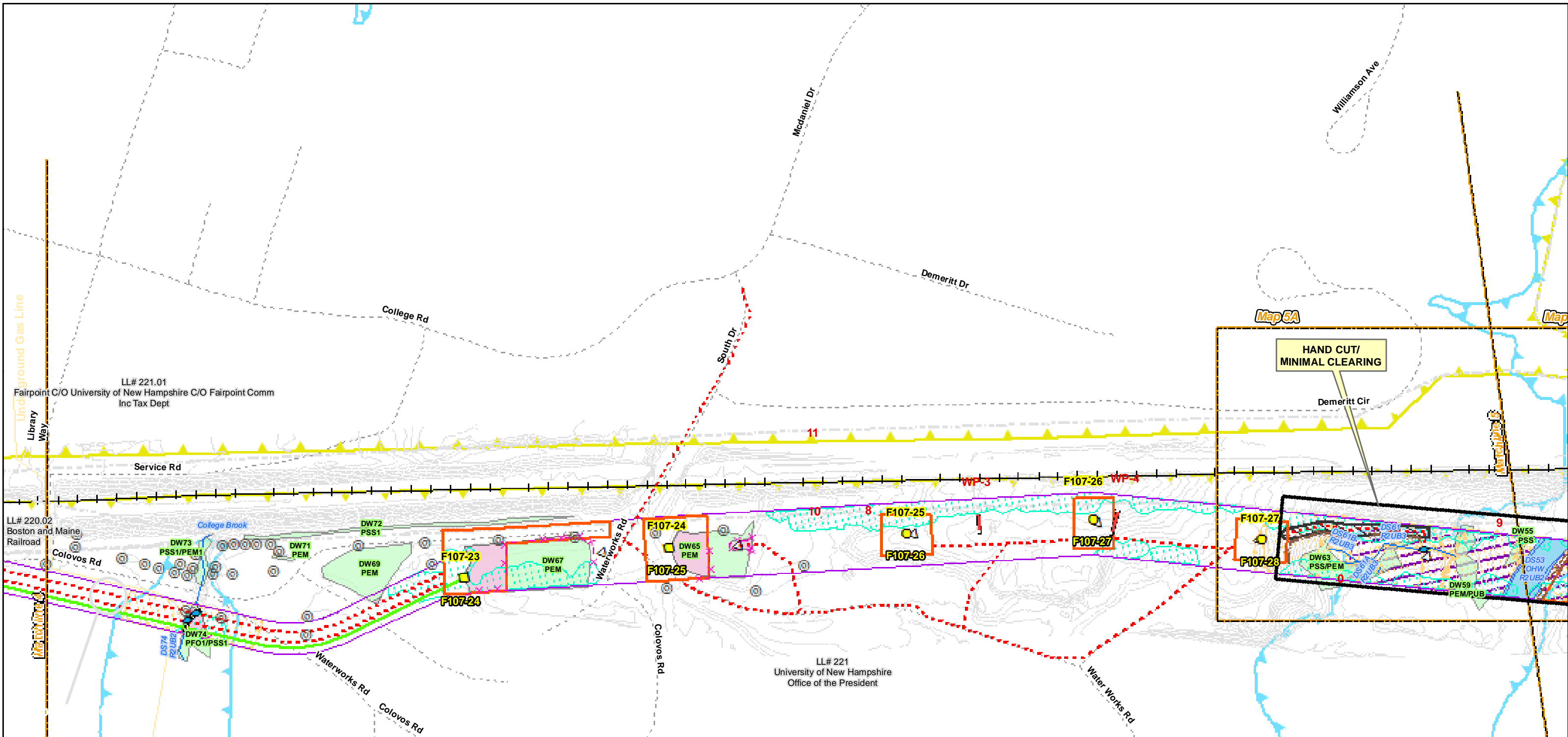
**Seacoast Reliability Project**

**Construction Access Plans**

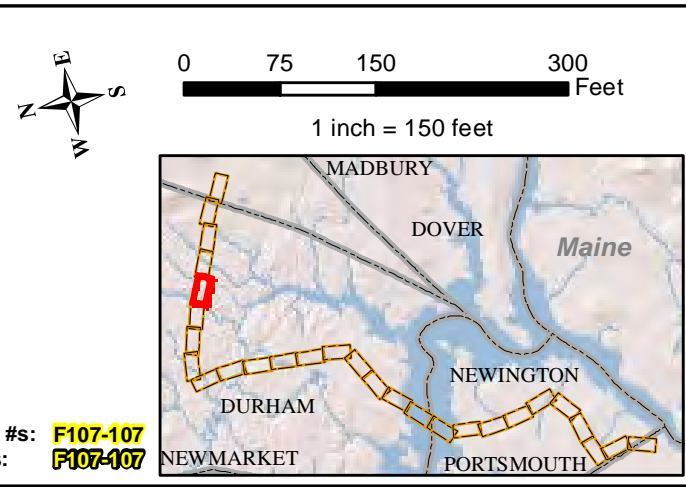
**For Pre-Bid**

Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #s: **F107-107**  
Permitting Structure #s: **F107-107**



<ul style="list-style-type: none"> <li>Town Boundary</li> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Work Pad</li> <li>Roads <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Access Roads</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetlands Impact</li> <li>Stream Centerline</li> <li>Stream Top of Bank</li> </ul>	<ul style="list-style-type: none"> <li>Temporary Culvert</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Designated River Buffer 250'</li> <li>Tree Clearing</li> <li>2ft Contour</li> <li>Stonewall alignment</li> <li>Historic Districts</li> </ul>
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**EVERSOURCE ENERGY**

**NORMANDEAU ASSOCIATES**  
Environmental Consultants

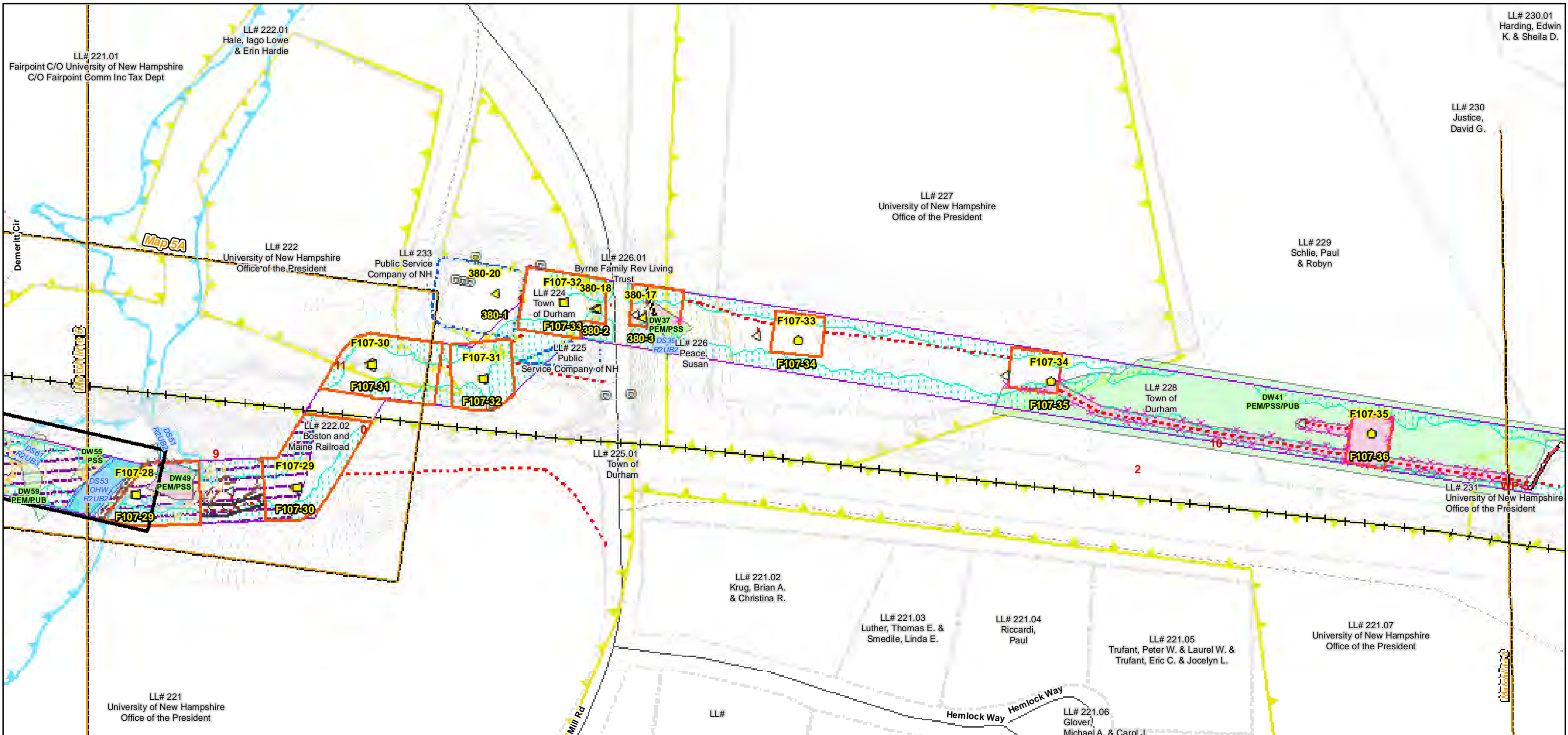
**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**

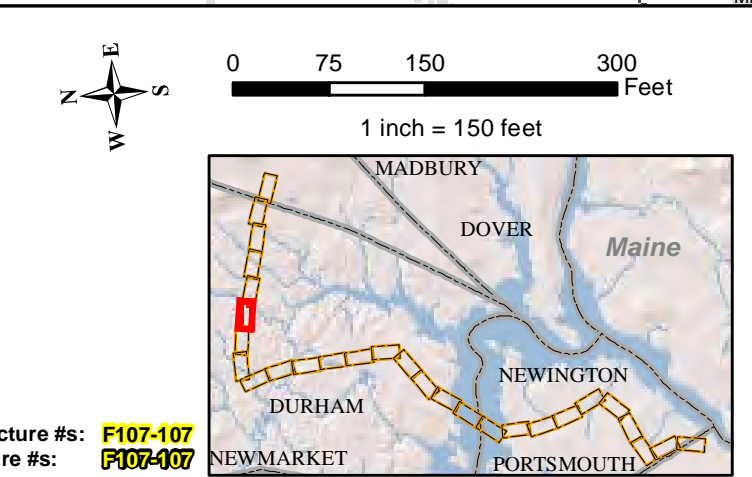
Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #s: **F107-107**  
Permitting Structure #s: **F107-107**



Date : 7/26/2017  
Project No: 22860.003

<ul style="list-style-type: none"> <li> Town Boundary</li> <li> Approximate Parcel Boundary</li> <li> PSNH Fee Area</li> <li> Work Pad</li> <li><b>Roads</b></li> <li> Local</li> <li> Not Maintained</li> <li> Private</li> <li> State</li> <li> Railroad</li> </ul>	<ul style="list-style-type: none"> <li> Existing Str (Remain)</li> <li> Existing Str (Removed/Modified)</li> <li> Access Roads</li> <li> Silt Curtain</li> <li> Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li> Straw Wattle</li> <li> Wetlands Impact</li> <li> Stream Centerline</li> <li> Stream Top of Bank</li> </ul>	<ul style="list-style-type: none"> <li> Temporary Culvert</li> <li> Temporary Mat Bridge</li> <li> NH DOT Right-of-way</li> <li> Designated River Buffer 250'</li> <li> Tree Clearing</li> <li> 2ft Contour</li> <li> Stonewall alignment</li> <li> Historic Districts</li> </ul>
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Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #: **F107-107**  
Permitting Structure #: **F107-107**

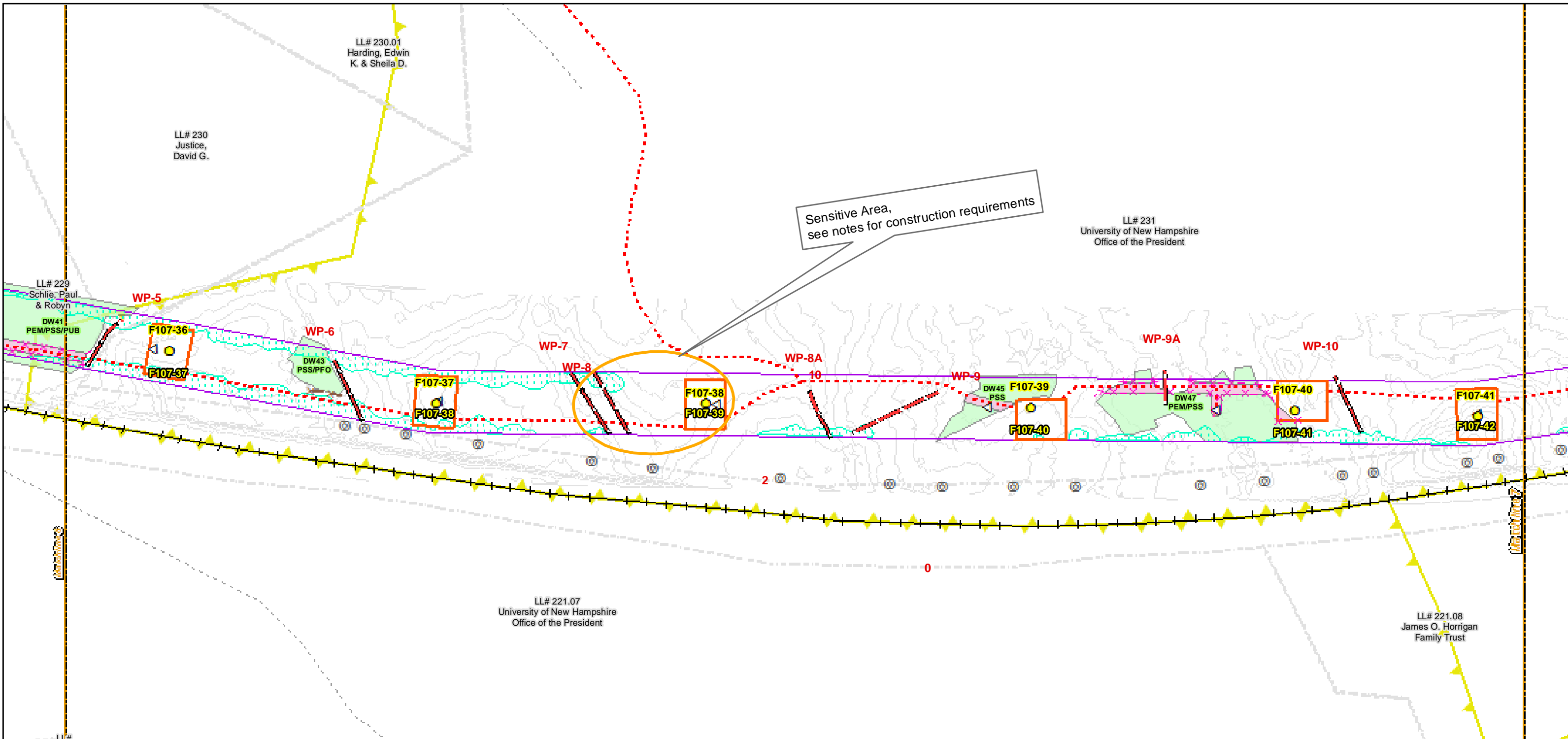
**EVERSOURCE**  
ENERGY

**NORMANDEAU ASSOCIATES**  
Environmental Consultants

**Seacoast Reliability Project**

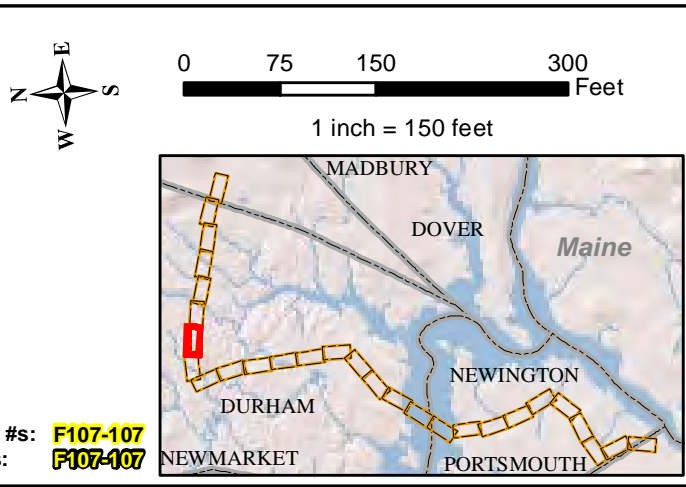
**Construction Access Plans**

**For Pre-Bid**



Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

Town Boundary	Existing Str (Remain)	Temporary Culvert
Approximate Parcel Boundary	Existing Str (Removed/Modified)	Temporary Mat Bridge
PSNH Fee Area	Access Roads	NH DOT Right-of-way
Work Pad	Silt Curtain	Designated River Buffer 250'
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State	Stream Top of Bank	
Railroad		



**EVERSOURCE**  
ENERGY

**NORMANDEAU ASSOCIATES**  
Environmental Consultants

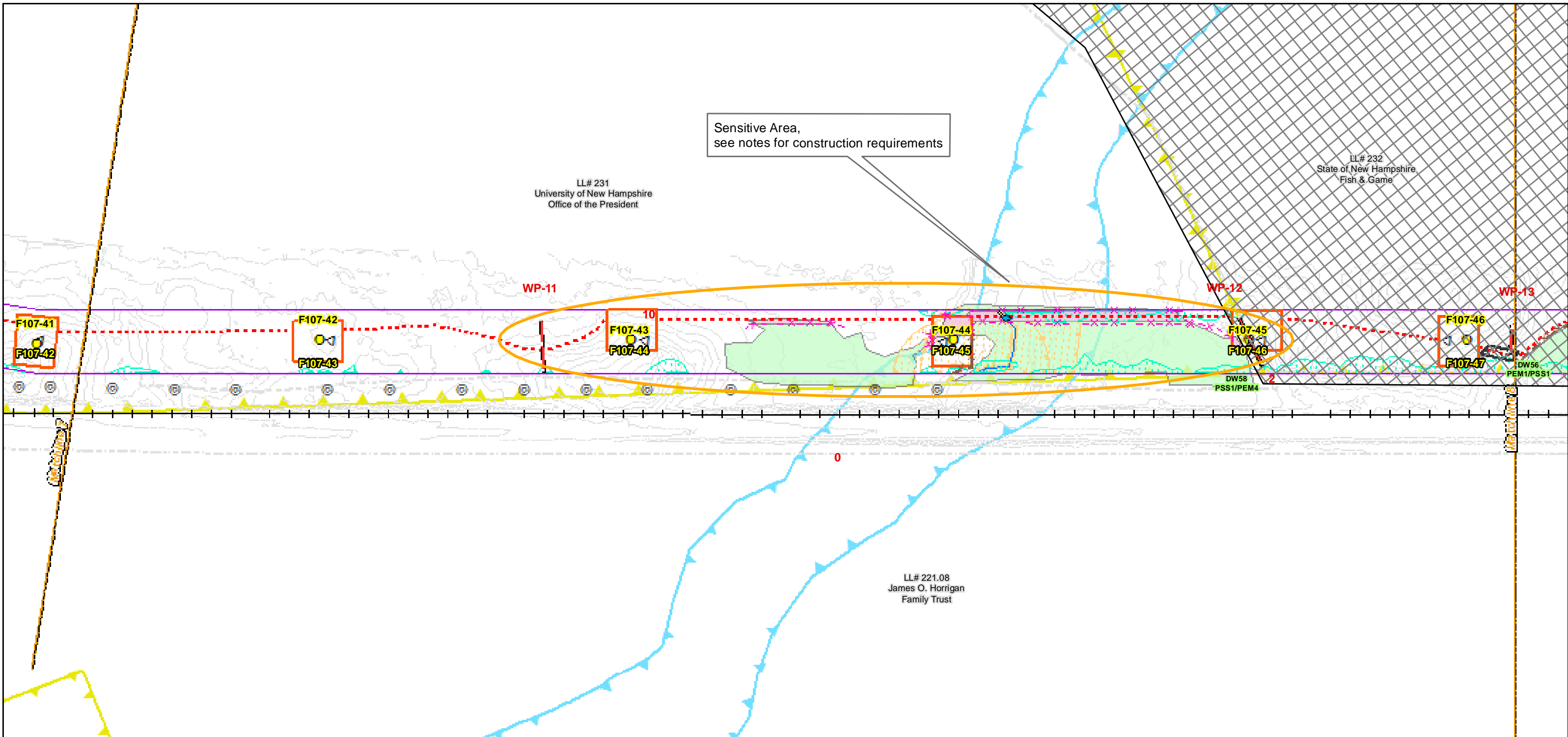
**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**

Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #s: **F107-107**  
 Permitting Structure #s: **F107-107**



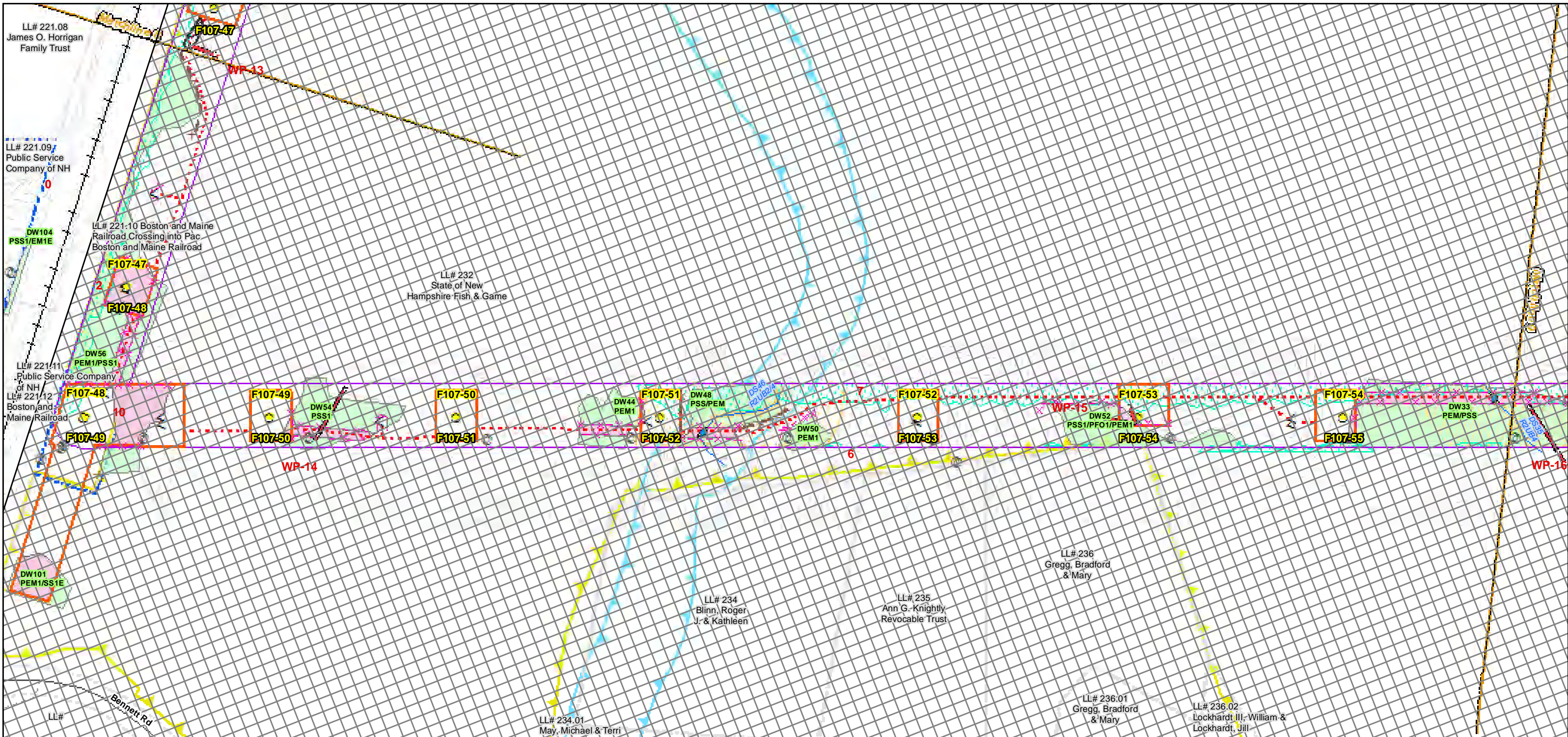
<p>Date : 7/26/2017</p> <p>Drawn By: dpelletier</p> <p>Project No: 22860.003</p>	<ul style="list-style-type: none"> <li> Town Boundary</li> <li> Approximate Parcel Boundary</li> <li> PSNH Fee Area</li> <li> Work Pad</li> <li><b>Roads</b></li> <li> Local</li> <li> Not Maintained</li> <li> Private</li> <li> State</li> <li> Railroad</li> </ul>	<ul style="list-style-type: none"> <li> Existing Str (Remain)</li> <li> Existing Str (Removed/Modified)</li> <li> Access Roads</li> <li> Silt Curtain</li> <li> Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li> Straw Wattle</li> <li> Wetlands Impact</li> <li> Stream Centerline</li> <li> Stream Top of Bank</li> </ul>	<ul style="list-style-type: none"> <li> Temporary Culvert</li> <li> Temporary Mat Bridge</li> <li> NH DOT Right-of-way</li> <li> Designated River Buffer 250'</li> <li> Tree Clearing</li> <li> 2ft Contour</li> <li> Stonewall alignment</li> <li> Historic Districts</li> </ul>		<p>0 75 150 300 Feet</p> <p>1 inch = 150 feet</p>	
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Construction Structure #s: **F107-107**  
 Permitting Structure #s: **F107-107**

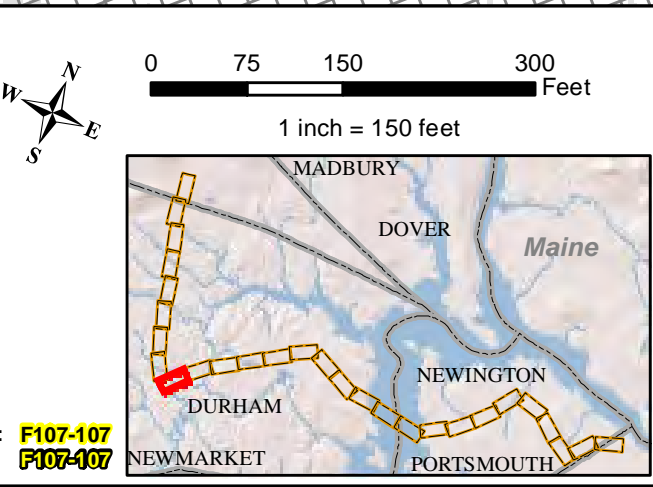
	<p><b>Seacoast Reliability Project</b></p> <p><b>Construction Access Plans</b></p>
	<p><b>For Pre-Bid</b></p>





Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

- |   |   |   |
|---|---|---|
| <ul style="list-style-type: none"> <li> Town Boundary</li> <li> Approximate Parcel Boundary</li> <li> PSNH Fee Area</li> <li> Work Pad</li> <li><b>Roads</b></li> <li> Local</li> <li> Not Maintained</li> <li> Private</li> <li> State</li> <li> Railroad</li> </ul> | <ul style="list-style-type: none"> <li> Existing Str (Remain)</li> <li> Existing Str (Removed/Modified)</li> <li> Access Roads</li> <li> Silt Curtain</li> <li> Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li> Straw Wattle</li> <li> Wetlands Impact</li> <li> Stream Centerline</li> <li> Stream Top of Bank</li> </ul> | <ul style="list-style-type: none"> <li> Temporary Culvert</li> <li> Temporary Mat Bridge</li> <li> NH DOT Right-of-way</li> <li> Designated River Buffer 250'</li> <li> Tree Clearing</li> <li> 2ft Contour</li> <li> Stonewall alignment</li> <li> Historic Districts</li> </ul> |
|---|---|---|



**EVERSOURCE ENERGY**

**NORMANDEAU ASSOCIATES**  
Environmental Consultants

**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**

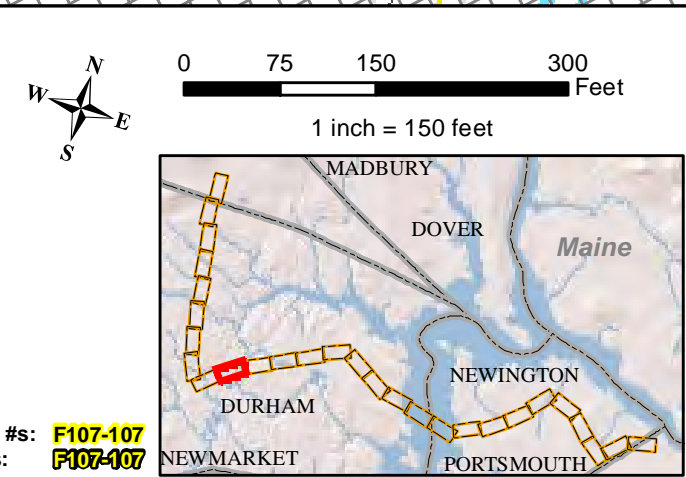
Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #s: **F107-107**  
 Permitting Structure #s: **F107-107**



Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

Town Boundary	Existing Str (Remain)	Temporary Culvert
Approximate Parcel Boundary	Existing Str (Removed/Modified)	Temporary Mat Bridge
PSNH Fee Area	Access Roads	NH DOT Right-of-way
Work Pad	Silt Curtain	Designated River Buffer 250'
<b>Roads</b>	Silt Fence, Hay Bale, Erosion Control Mix Berm	Tree Clearing
Local	Straw Wattle	2ft Contour
Not Maintained	Wetlands Impact	Stonewall alignment
Private	Stream Centerline	Historic Districts
State	Stream Top of Bank	
Railroad		



Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #: **F107-107**  
 Permitting Structure #: **F107-107**

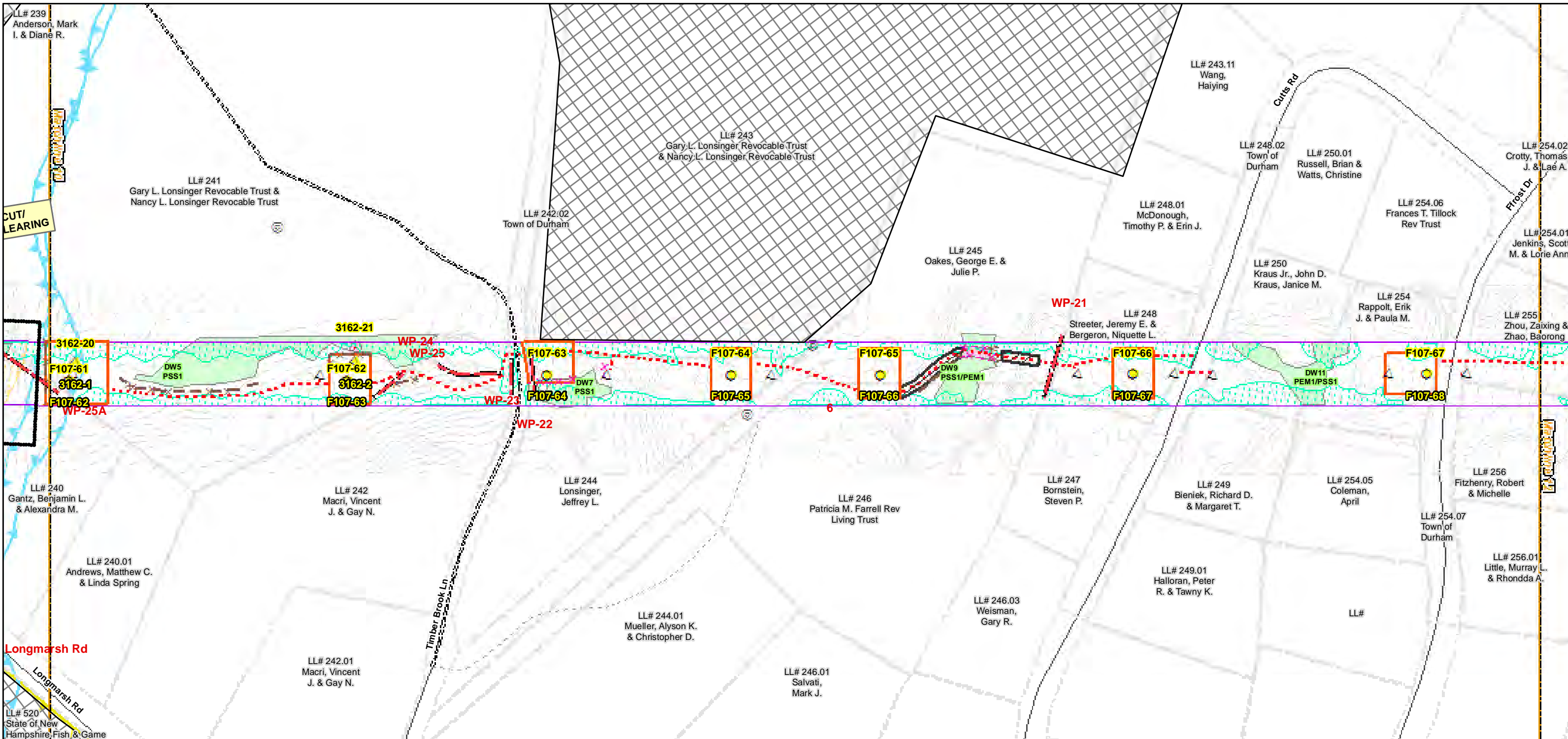
**EVERSOURCE**  
ENERGY

**NORMANDEAU ASSOCIATES**  
Environmental Consultants

**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**



<ul style="list-style-type: none"> <li>Town Boundary</li> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Work Pad</li> <li>Roads <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Access Roads</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetlands Impact</li> <li>Stream Centerline</li> <li>Stream Top of Bank</li> </ul>	<ul style="list-style-type: none"> <li>Temporary Culvert</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Designated River Buffer 250'</li> <li>Tree Clearing</li> <li>2ft Contour</li> <li>Stonewall alignment</li> <li>Historic Districts</li> </ul>
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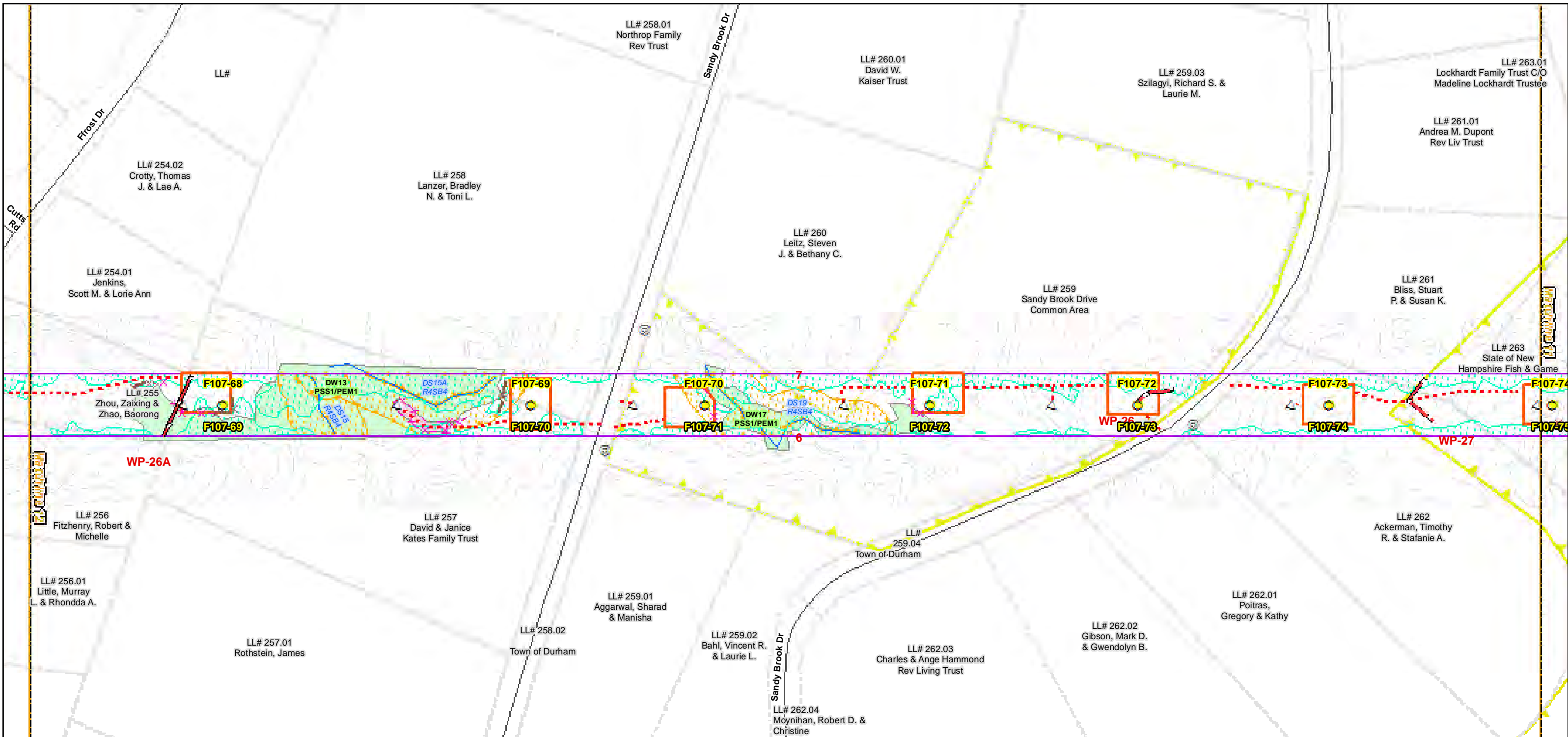
## Seacoast Reliability Project

### Construction Access Plans

# For Pre-Bid

Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #s: **F107-107**  
 Permitting Structure #s: **F107-107**



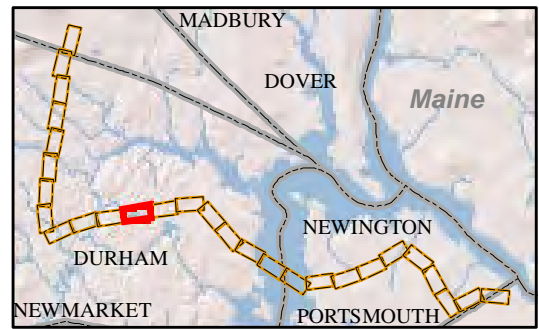
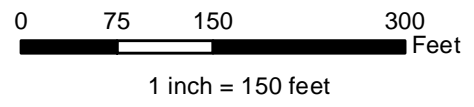
Date : 7/26/2017  
Project No: 22860.003

Drawn By: dpelletier

- |                             |  |                              |
|-----------------------------|--|------------------------------|
| Town Boundary               | Existing Str (Remain)                          | Temporary Culvert            |
| Approximate Parcel Boundary | Existing Str (Removed/Modified)                | Temporary Mat Bridge         |
| PSNH Fee Area               | Access Roads                                   | NH DOT Right-of-way          |
| Work Pad                    | Silt Curtain                                   | Designated River Buffer 250' |
| <b>Roads</b>                | Silt Fence, Hay Bale, Erosion Control Mix Berm | Tree Clearing                |
| Local                       | Straw Wattle                                   | 2ft Contour                  |
| Not Maintained              | Wetlands Impact                                | Stonewall alignment          |
| Private                     | Stream Centerline                              | Historic Districts           |
| State                       | Stream Top of Bank                             |                              |
| Railroad                    |  |                              |

Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #: **F107-107**  
Permitting Structure #: **F107-107**



**EVERSOURCE**  
ENERGY

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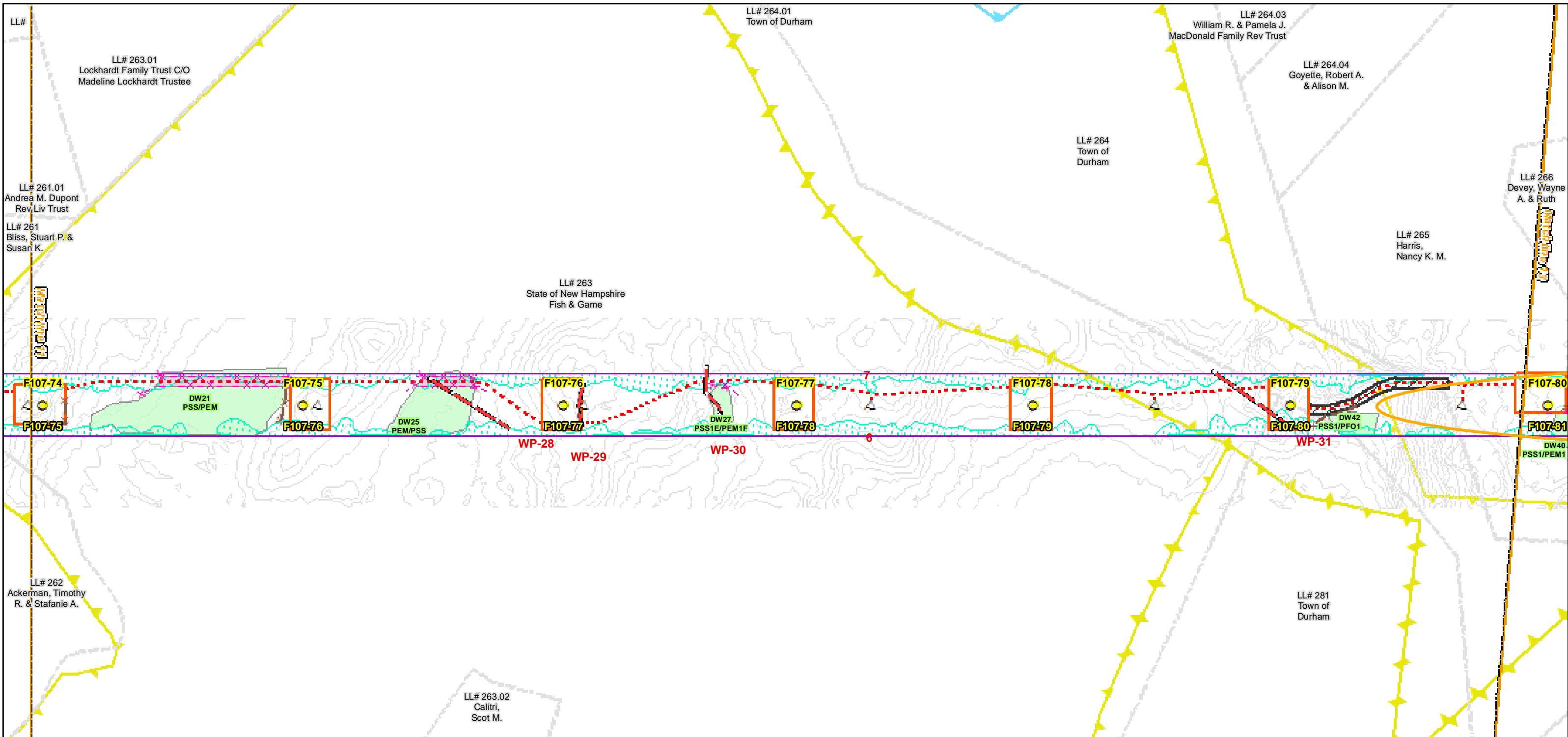
**NORMANDEAU ASSOCIATES**  
Environmental Consultants

**Seacoast Reliability Project**

**Construction Access Plans**

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**For Pre-Bid**



Date : 7/26/2017  
 Drawn By: dpellelier  
 Project No: 22860.003

<ul style="list-style-type: none"> <li> Town Boundary</li> <li> Approximate Parcel Boundary</li> <li> PSNH Fee Area</li> <li> Work Pad</li> <li><b>Roads</b></li> <li> Local</li> <li> Not Maintained</li> <li> Private</li> <li> State</li> <li> Railroad</li> </ul>	<ul style="list-style-type: none"> <li> Existing Str (Remain)</li> <li> Existing Str (Removed/Modified)</li> <li> Access Roads</li> <li> Silt Curtain</li> <li> Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li> Straw Wattle</li> <li> Wetlands Impact</li> <li> Stream Centerline</li> <li> Stream Top of Bank</li> </ul>	<ul style="list-style-type: none"> <li> Temporary Culvert</li> <li> Temporary Mat Bridge</li> <li> NH DOT Right-of-way</li> <li> Designated River Buffer 250'</li> <li> Tree Clearing</li> <li> 2ft Contour</li> <li> Stonewall alignment</li> <li> Historic Districts</li> </ul>
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1 inch = 150 feet

**Seacoast Reliability Project**

**Construction Access Plans**

For Pre-Bid

Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #s: **F107-107**  
 Permitting Structure #s: **F107-107**

LL# 264.04  
Goyette, Robert  
A. & Alison M.

LL# 265  
Harris,  
Nancy K. M.

LL# 266  
Devey, Wayne  
A. & Ruth

LL# 267  
Nature  
Conservancy

LL# 505  
Ely, Robert  
C. & Heidi S.

LL# 504  
Ely, Robert  
C. & Heidi S.

LL# 503  
Grieve, David S.  
& Hornyak-Grieve, Linda M.

LL# 269  
Nancy P.  
Sandberg Trust

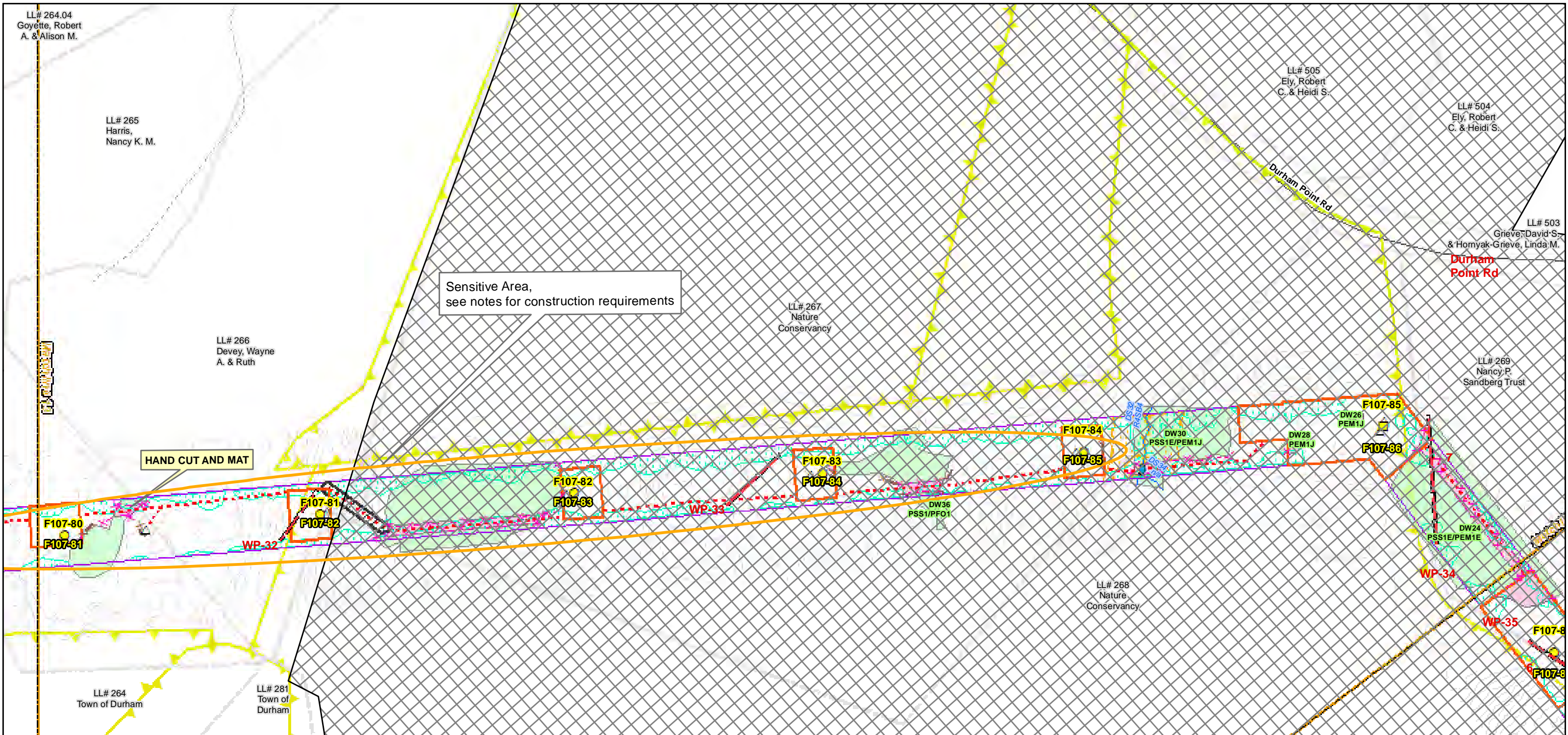
LL# 268  
Nature  
Conservancy

LL# 264  
Town of Durham

LL# 281  
Town of Durham

Sensitive Area,  
see notes for construction requirements

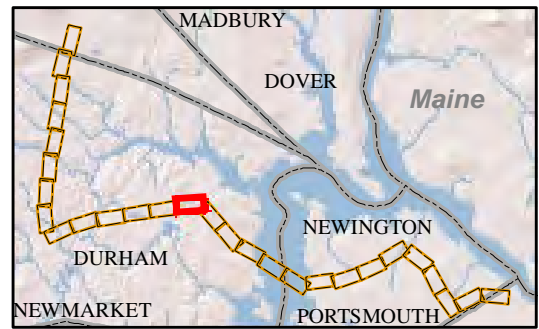
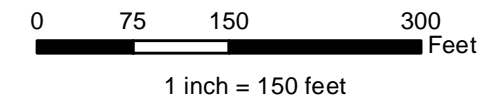
HAND CUT AND MAT



Date : 7/26/2017  
Project No: 22860.003

Drawn By: dpelletier

- |                             |  |                              |
|-----------------------------|--|------------------------------|
| Town Boundary               | Existing Str (Remain)                          | Temporary Culvert            |
| Approximate Parcel Boundary | Existing Str (Removed/Modified)                | Temporary Mat Bridge         |
| PSNH Fee Area               | Access Roads                                   | NH DOT Right-of-way          |
| Work Pad                    | Silt Curtain                                   | Designated River Buffer 250' |
| <b>Roads</b>                | Silt Fence, Hay Bale, Erosion Control Mix Berm | Tree Clearing                |
| Local                       | Staw Wattle                                    | 2ft Contour                  |
| Not Maintained              | Wetlands Impact                                | Stonewall alignment          |
| Private                     | Stream Centerline                              | Historic Districts           |
| State                       | Stream Top of Bank                             |                              |
| Railroad                    |  |                              |



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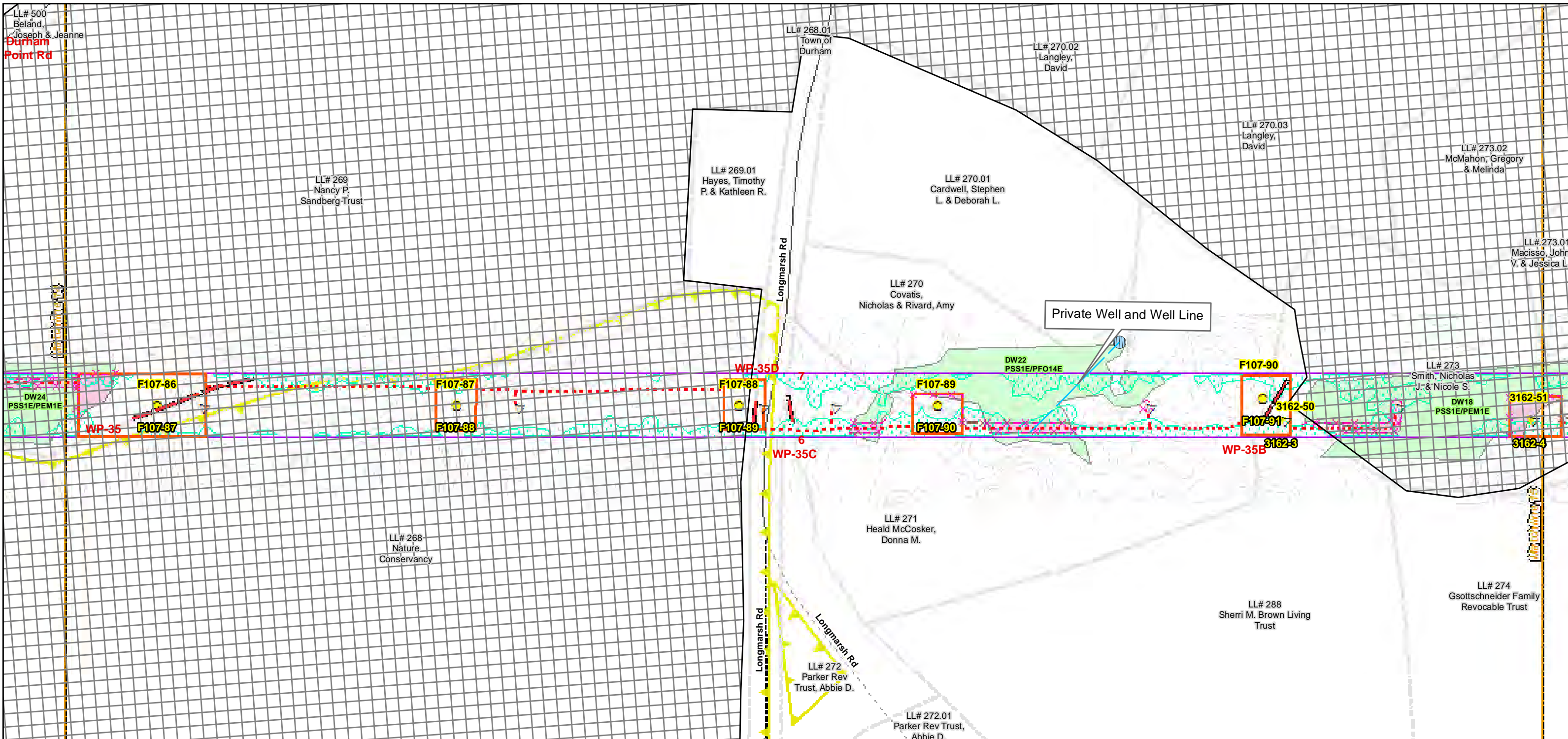
Construction Structure #s: **F107-107**  
Permitting Structure #s: **F107-107**

**EVERSOURCE**  
ENERGY

**NORMANDEAU**  
ASSOCIATES  
Environmental Consultants

**Seacoast Reliability  
Project  
Construction  
Access Plans**

**For Pre-Bid**



<p>LL# 500 Beland, Joseph &amp; Jeanne <b>Durham Point Rd</b></p> <p>LL# 269 Nancy P. Sandberg-Trust</p> <p>LL# 268.01 Town of Durham</p> <p>LL# 270.02 Langley, David</p> <p>LL# 270.03 Langley, David</p> <p>LL# 273.02 McMahon, Gregory &amp; Melinda</p> <p>LL# 273.01 Macisso, John, V. &amp; Jessica L.</p> <p>LL# 270.01 Cardwell, Stephen L. &amp; Deborah L.</p> <p>LL# 270 Covatis, Nicholas &amp; Rivard, Amy</p> <p>LL# 271 Heald McCosker, Donna M.</p> <p>LL# 272 Parker Rev Trust, Abbie D.</p> <p>LL# 272.01 Parker Rev Trust, Abbie D.</p> <p>LL# 273 Smith, Nicholas J. &amp; Nicole S.</p> <p>LL# 274 Gsothsneider Family Revocable Trust</p> <p>LL# 268 Nature Conservancy</p> <p>LL# 288 Sherri M. Brown Living Trust</p>	<p>Existing Str (Remain)</p> <p>Existing Str (Removed/Modified)</p> <p>Access Roads</p> <p>Silt Curtain</p> <p>Silt Fence, Hay Bale, Erosion Control Mix Berm</p> <p>Straw Wattle</p> <p>Wetlands Impact</p> <p>Stream Centerline</p> <p>Stream Top of Bank</p>	<p>Temporary Culvert</p> <p>Temporary Mat Bridge</p> <p>NH DOT Right-of-way</p> <p>Designated River Buffer 250'</p> <p>Tree Clearing</p> <p>2ft Contour</p> <p>Stonewall alignment</p> <p>Historic Districts</p>
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Scale: 0 75 150 300 Feet  
1 inch = 150 feet

Construction Structure #: **F107-107**  
Permitting Structure #: **F107-107**

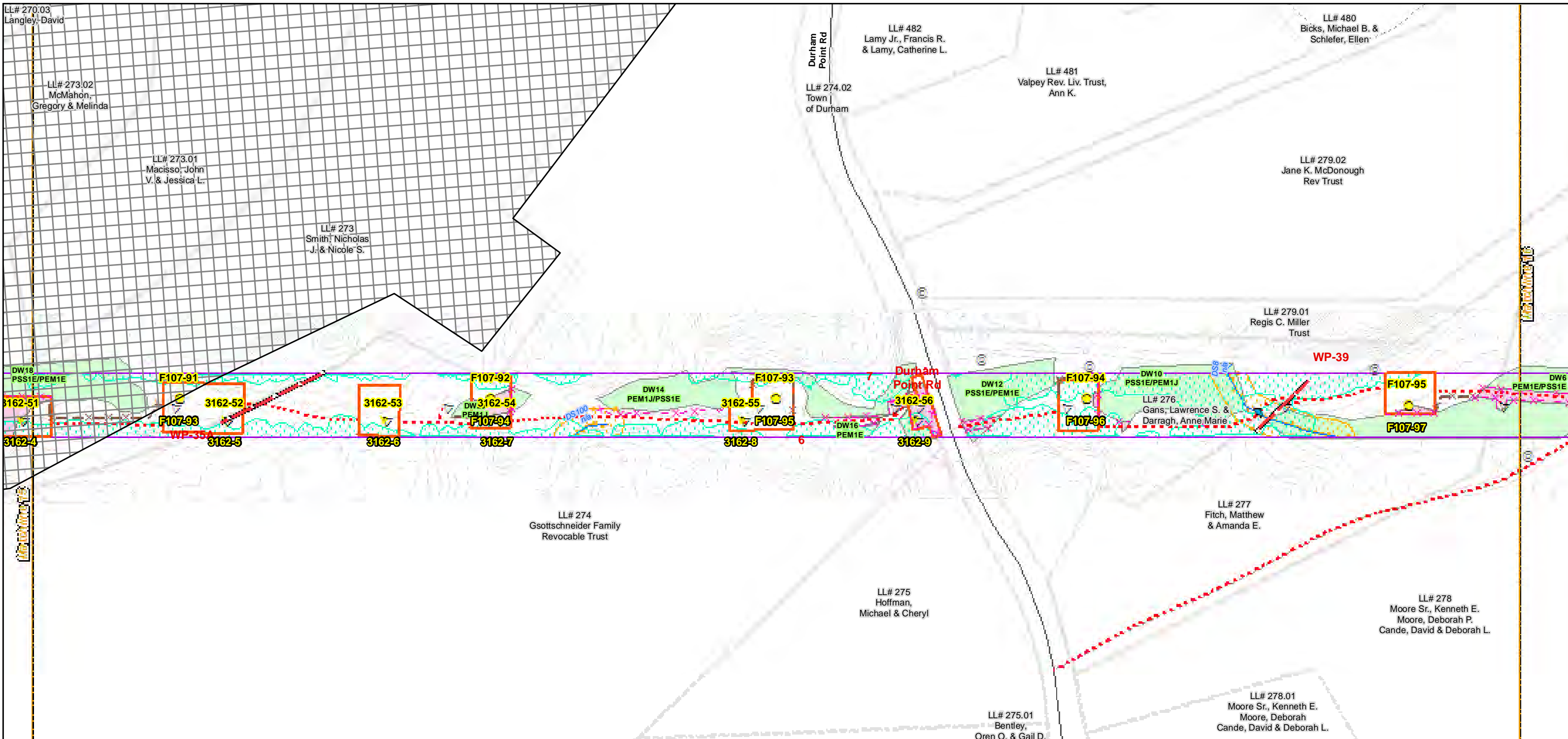
**EVERSOURCE**  
ENERGY

**NORMANDEAU**  
ASSOCIATES  
Environmental Consultants

**Seacoast Reliability  
Project**

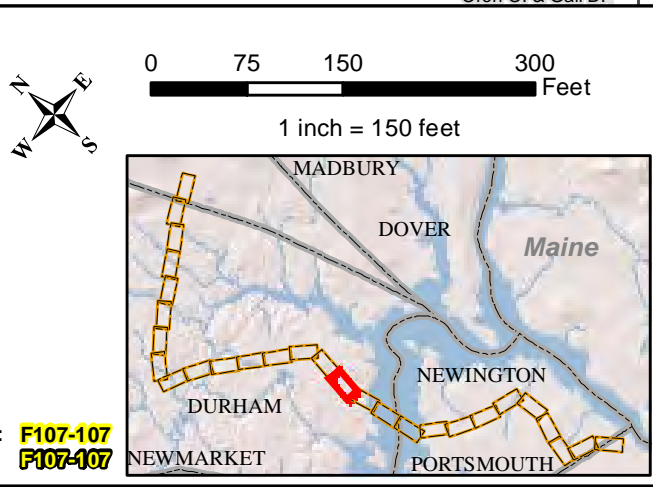
**Construction  
Access Plans**

**For Pre-Bid**



Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

	Town Boundary		Existing Str (Remain)		Temporary Culvert
	Approximate Parcel Boundary		Existing Str (Removed/Modified)		Temporary Mat Bridge
	PSNH Fee Area		Access Roads		NH DOT Right-of-way
	Work Pad		Silt Curtain		Designated River Buffer 250'
<b>Roads</b>			Silt Fence, Hay Bale, Erosion Control Mix Berm		Tree Clearing
	Local		Straw Wattle		2ft Contour
	Not Maintained		Wetlands Impact		Stonewall alignment
	Private		Stream Centerline		Historic Districts
	State		Stream Top of Bank		
	Railroad				



Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #: **F107-107**  
 Permitting Structure #: **F107-107**

**EVERSOURCE ENERGY**

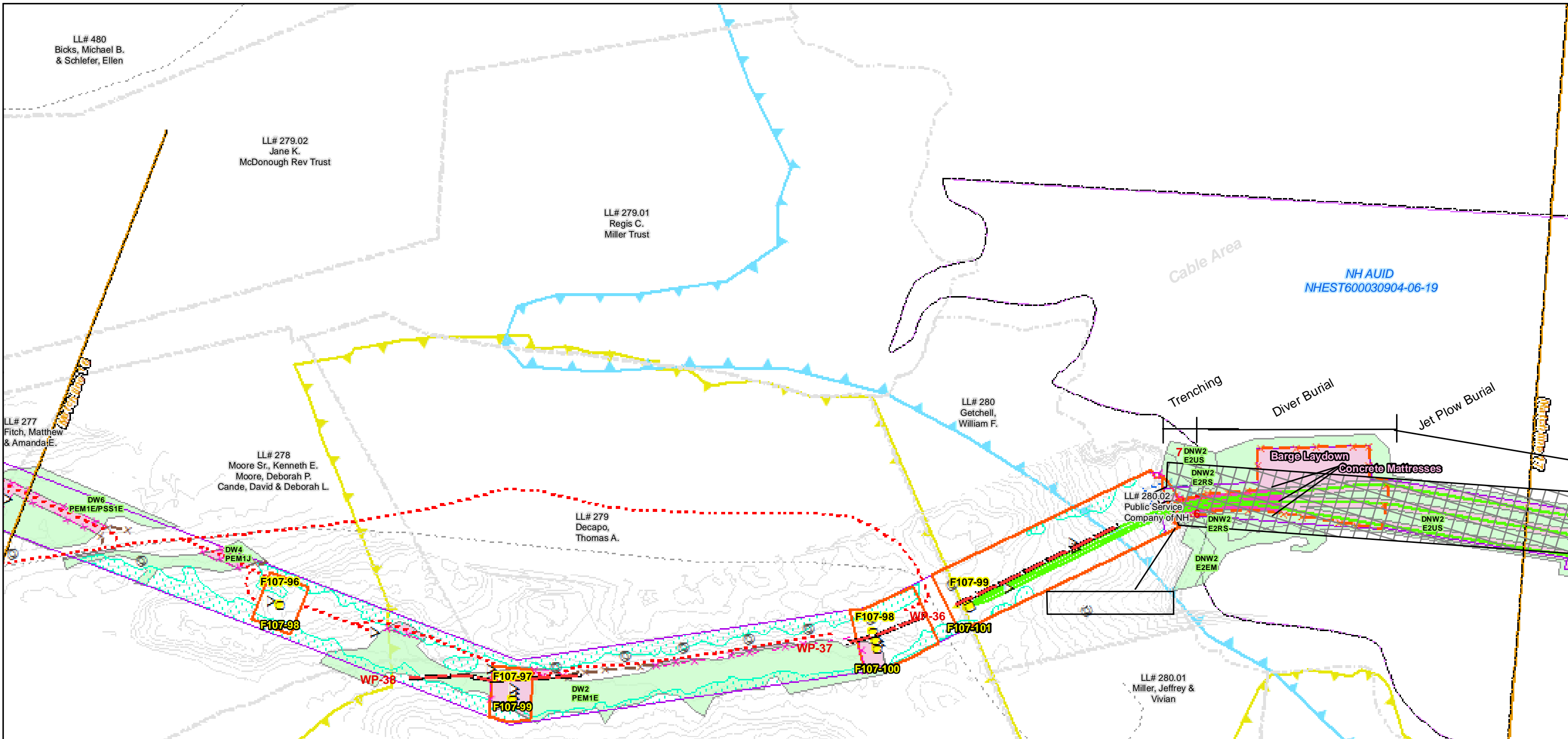
**NORMANDEAU ASSOCIATES**  
 Environmental Consultants

**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**





<p>Date : 7/26/2017</p> <p>Drawn By: dpelletier</p> <p>Project No: 22860.003</p>	<ul style="list-style-type: none"> <li> Town Boundary</li> <li> Approximate Parcel Boundary</li> <li> PSNH Fee Area</li> <li> Work Pad</li> <li><b>Roads</b></li> <li> Local</li> <li> Not Maintained</li> <li> Private</li> <li> State</li> <li> Railroad</li> </ul>	<ul style="list-style-type: none"> <li> Existing Str (Remain)</li> <li> Existing Str (Removed/Modified)</li> <li> Access Roads</li> <li> Silt Curtain</li> <li> Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li> Straw Wattle</li> <li> Wetlands Impact</li> <li> Stream Centerline</li> <li> Stream Top of Bank</li> </ul>	<ul style="list-style-type: none"> <li> Temporary Culvert</li> <li> Temporary Mat Bridge</li> <li> NH DOT Right-of-way</li> <li> Designated River Buffer 250'</li> <li> Tree Clearing</li> <li> 2ft Contour</li> <li> Stonewall alignment</li> <li> Historic Districts</li> </ul>		<p>0 75 150 300 Feet</p> <p>1 inch = 150 feet</p>	
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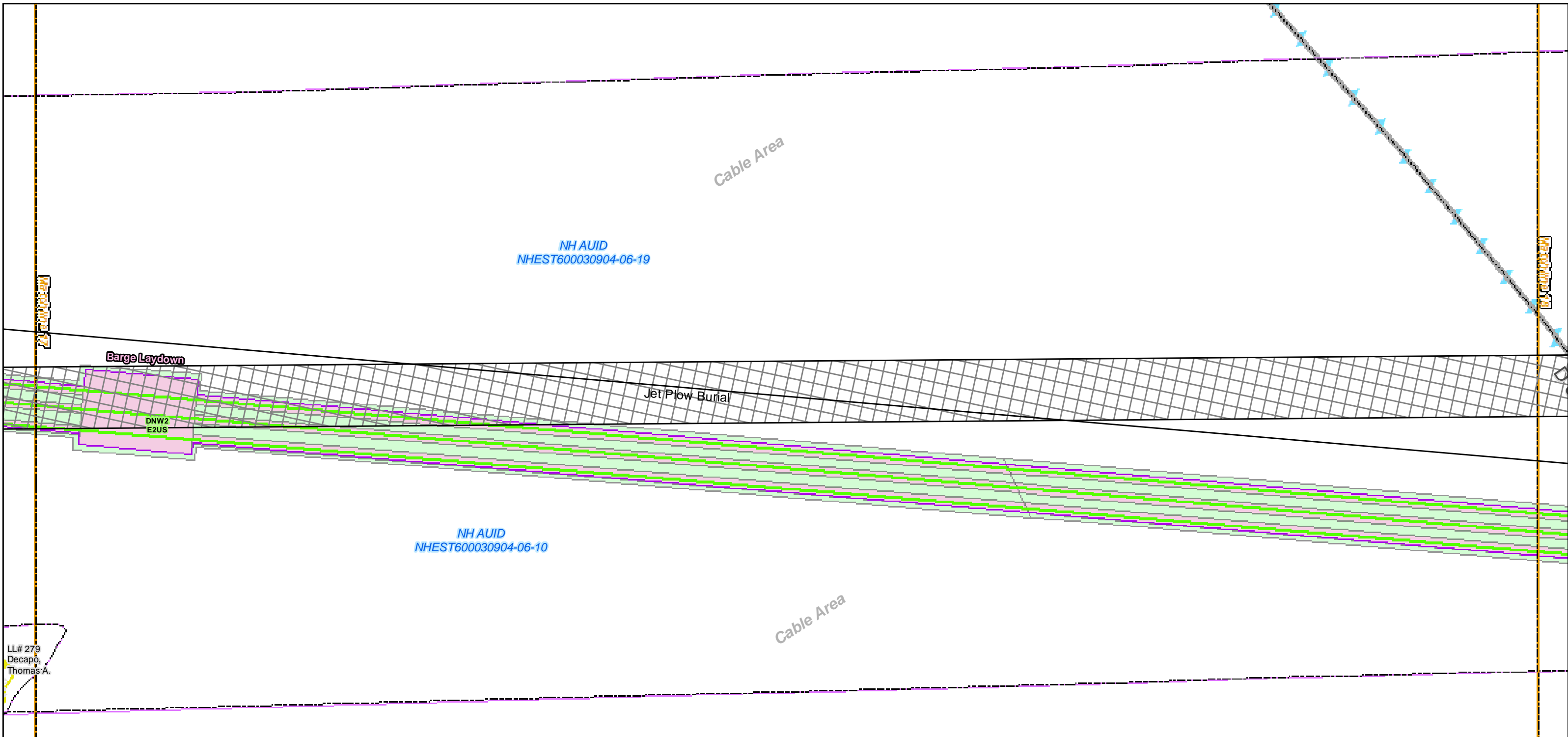
Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #s: **F107-107**  
Permitting Structure #s: **F107-107**

## Seacoast Reliability Project

### Construction Access Plans

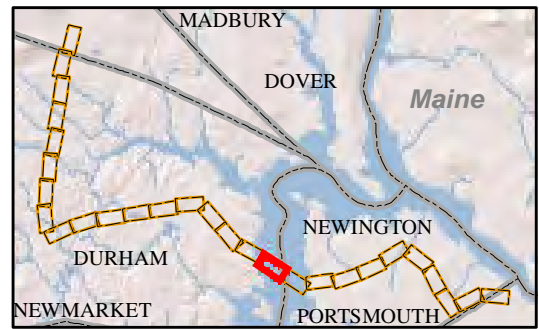
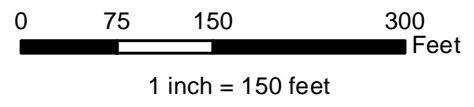
# For Pre-Bid



LL# 279  
Decapo,  
Thomas A.

Date : 7/26/2017  
Drawn By: dpelletier  
Project No: 22860.003

Town Boundary	Existing Str (Remain)	Temporary Culvert
Approximate Parcel Boundary	Existing Str (Removed/Modified)	Temporary Mat Bridge
PSNH Fee Area	Access Roads	NH DOT Right-of-way
Work Pad	Silt Curtain	Designated River Buffer 250'
<b>Roads</b>	Silt Fence, Hay Bale, Erosion Control Mix Berm	Tree Clearing
Local	Straw Wattle	2ft Contour
Not Maintained	Wetlands Impact	Stonewall alignment
Private	Stream Centerline	Historic Districts
State	Stream Top of Bank	
Railroad		



Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #s: **F107-107**  
Permitting Structure #s: **F107-407**

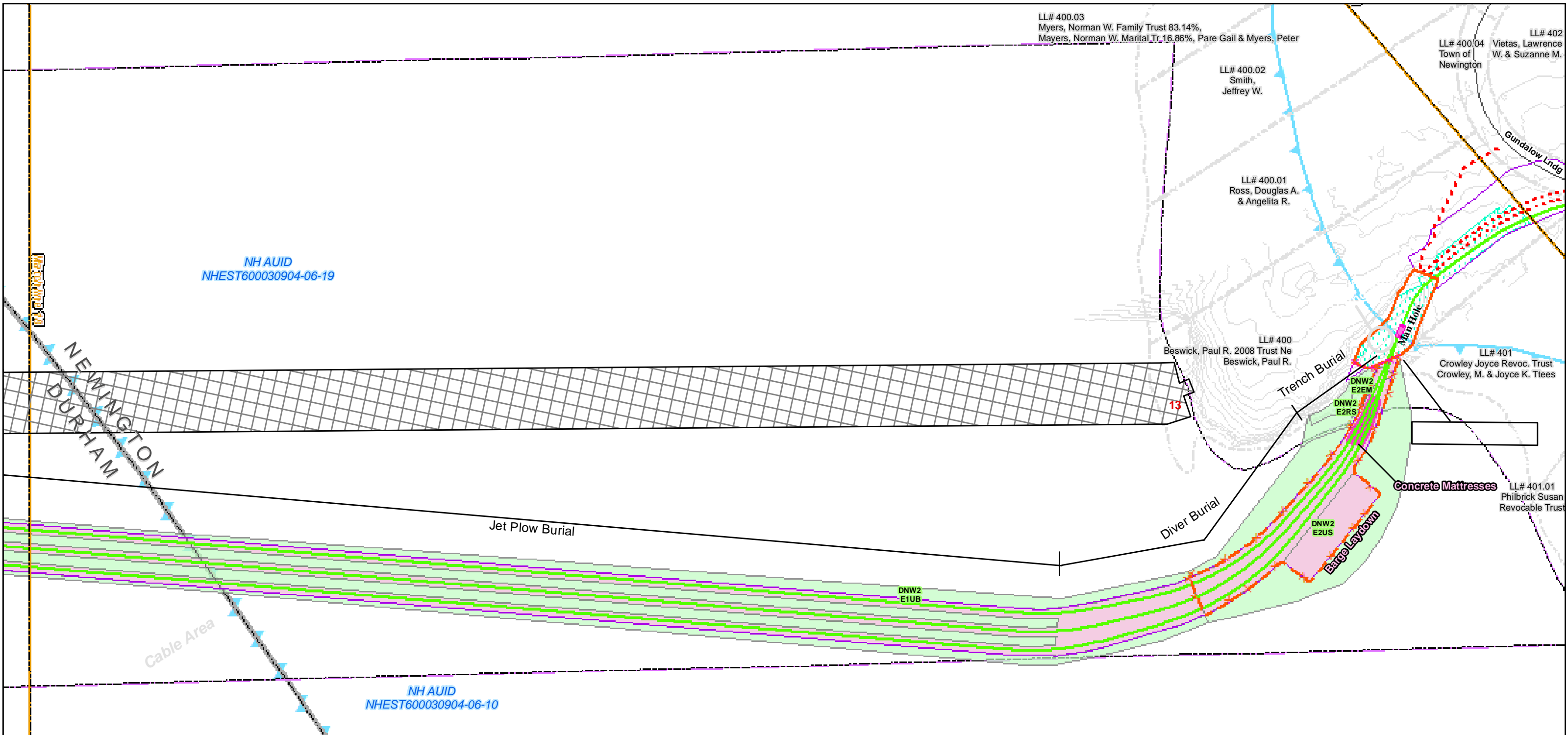
**EVERSOURCE**  
ENERGY

**NORMANDEAU ASSOCIATES**  
Environmental Consultants

**Seacoast Reliability Project**

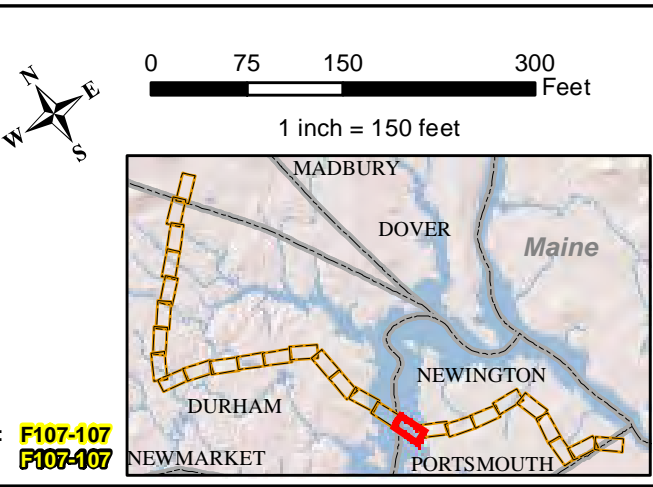
**Construction Access Plans**

**For Pre-Bid**



Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

Town Boundary	Existing Str (Remain)	Temporary Culvert
Approximate Parcel Boundary	Existing Str (Removed/Modified)	Temporary Mat Bridge
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Work Pad	Silt Curtain	Designated River Buffer 250'
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Local	Straw Wattle	2ft Contour
Not Maintained	Wetlands Impact	Stonewall alignment
Private	Stream Centerline	Historic Districts
State	Stream Top of Bank	
Railroad		



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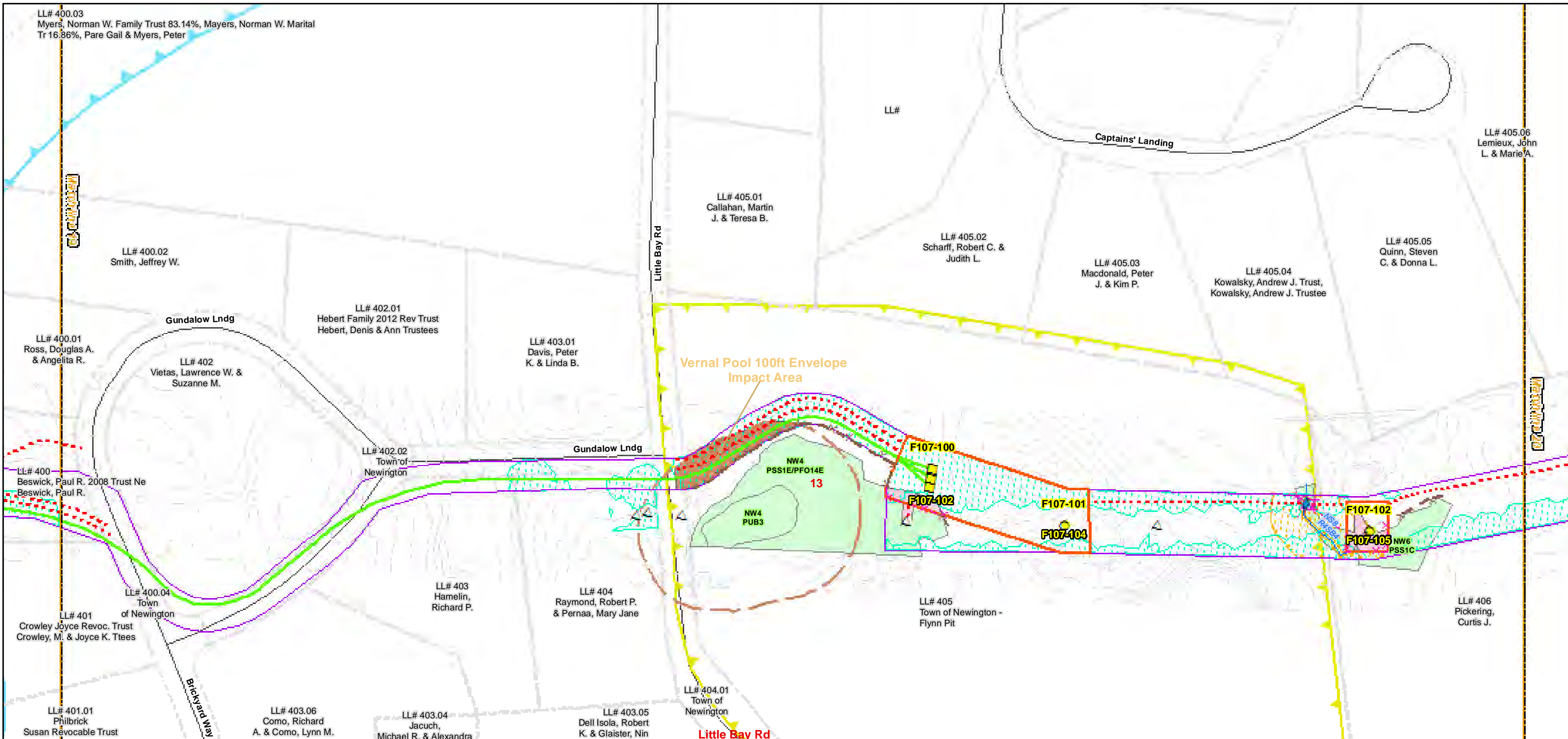
**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**

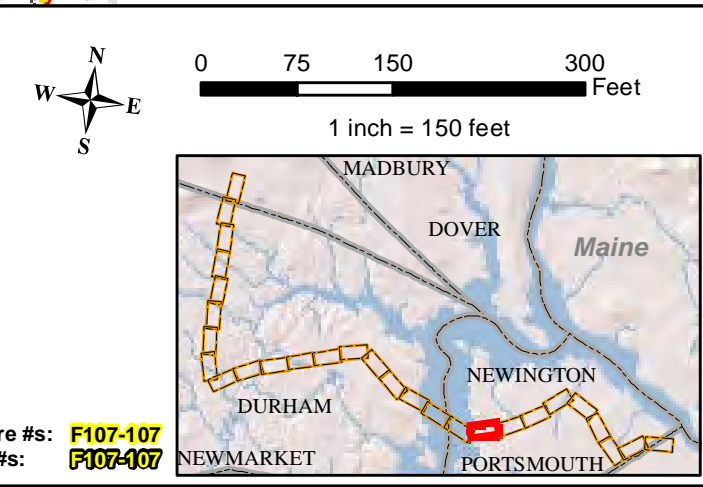
Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #s: **F107-107**  
 Permitting Structure #s: **F107-407**



Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

- |   |  |   |
|---|--|---|
| <ul style="list-style-type: none"> <li>☐ Town Boundary</li> <li>☐ Approximate Parcel Boundary</li> <li>☐ PSNH Fee Area</li> <li>☐ Work Pad</li> <li>Roads</li> <li>☐ Local</li> <li>☐ Not Maintained</li> <li>☐ Private</li> <li>☐ State</li> <li>☐ Railroad</li> </ul> | <ul style="list-style-type: none"> <li>⊙ Existing Str (Remain)</li> <li>△ Existing Str (Removed/Modified)</li> <li>☐ Access Roads</li> <li>☐ Silt Curtain</li> <li>☐ Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>☐ Straw Wattle</li> <li>☐ Wetlands Impact</li> <li>☐ Stream Centerline</li> <li>☐ Stream Top of Bank</li> </ul> | <ul style="list-style-type: none"> <li>☐ Temporary Culvert</li> <li>☐ Temporary Mat Bridge</li> <li>☐ NH DOT Right-of-way</li> <li>☐ Designated River Buffer 250'</li> <li>☐ Tree Clearing</li> <li>☐ 2ft Contour</li> <li>☐ Stonewall alignment</li> <li>☐ Historic Districts</li> </ul> |
|---|--|---|



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 Environmental Consultants

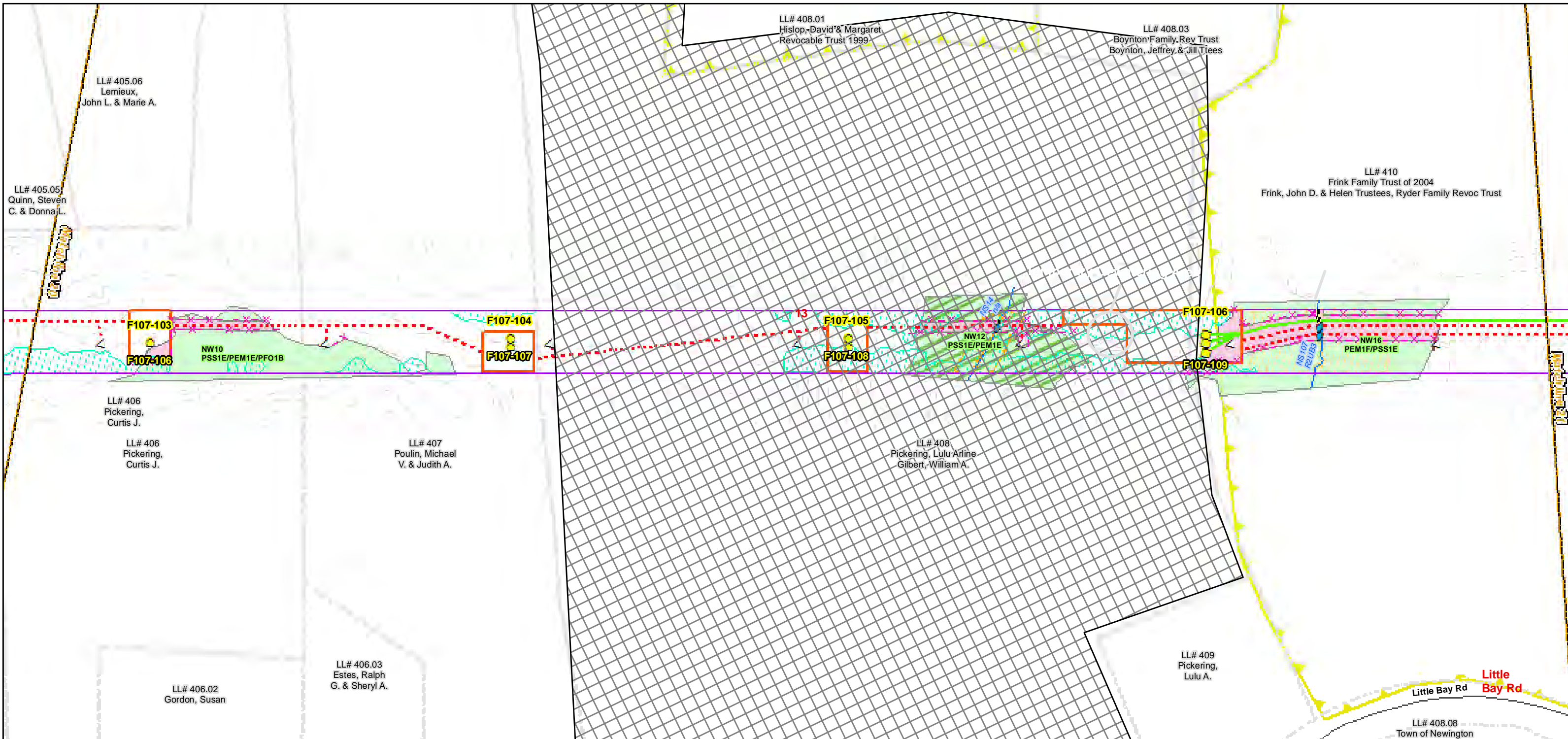
**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**

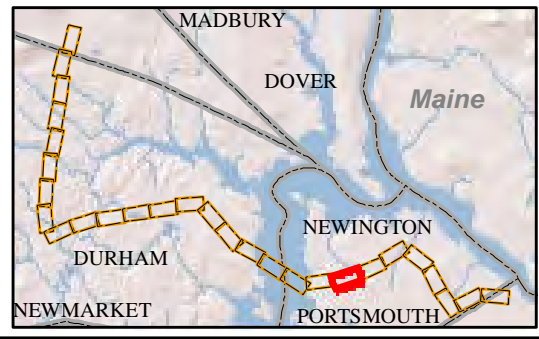
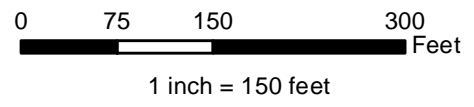
Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #: **F107-107**  
 Permitting Structure #: **F107-107**



Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

<ul style="list-style-type: none"> <li>Town Boundary</li> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Work Pad</li> <li>Roads               <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Access Roads</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetlands Impact</li> <li>Stream Centerline</li> <li>Stream Top of Bank</li> </ul>	<ul style="list-style-type: none"> <li>Temporary Culvert</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Designated River Buffer 250'</li> <li>Tree Clearing</li> <li>2ft Contour</li> <li>Stonewall alignment</li> <li>Historic Districts</li> </ul>
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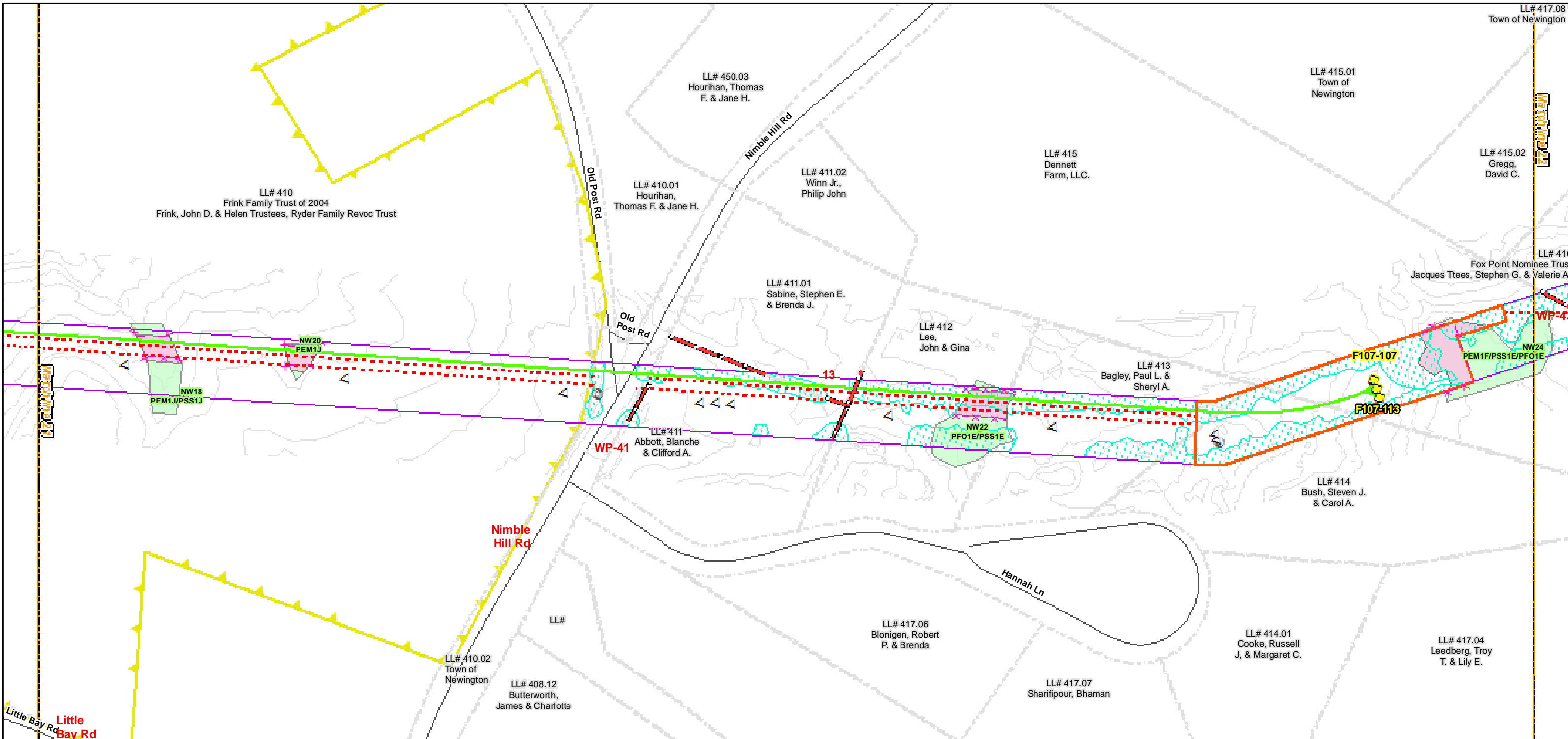
**Construction Structure #s: F107-107**  
**Permitting Structure #s: F107-107**

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**Seacoast Reliability Project**  
**Construction Access Plans**

**For Pre-Bid**

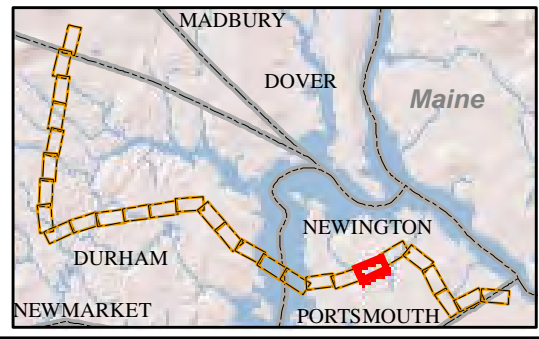
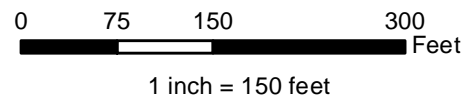


Date : 7/26/2017  
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<ul style="list-style-type: none"> <li> Town Boundary</li> <li> Approximate Parcel Boundary</li> <li> PSNH Fee Area</li> <li> Work Pad</li> <li><b>Roads</b></li> <li> Local</li> <li> Not Maintained</li> <li> Private</li> <li> State</li> <li> Railroad</li> </ul>	<ul style="list-style-type: none"> <li> Existing Str (Remain)</li> <li> Existing Str (Removed/Modified)</li> <li> Access Roads</li> <li> Silt Curtain</li> <li> Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li> Straw Wattle</li> <li> Wetlands Impact</li> <li> Stream Centerline</li> <li> Stream Top of Bank</li> </ul>	<ul style="list-style-type: none"> <li> Temporary Culvert</li> <li> Temporary Mat Bridge</li> <li> NH DOT Right-of-way</li> <li> Designated River Buffer 250'</li> <li> Tree Clearing</li> <li> 2ft Contour</li> <li> Stonewall alignment</li> <li> Historic Districts</li> </ul>
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Construction Structure #: **F107-107**  
 Permitting Structure #: **F107-107**



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ENERGY

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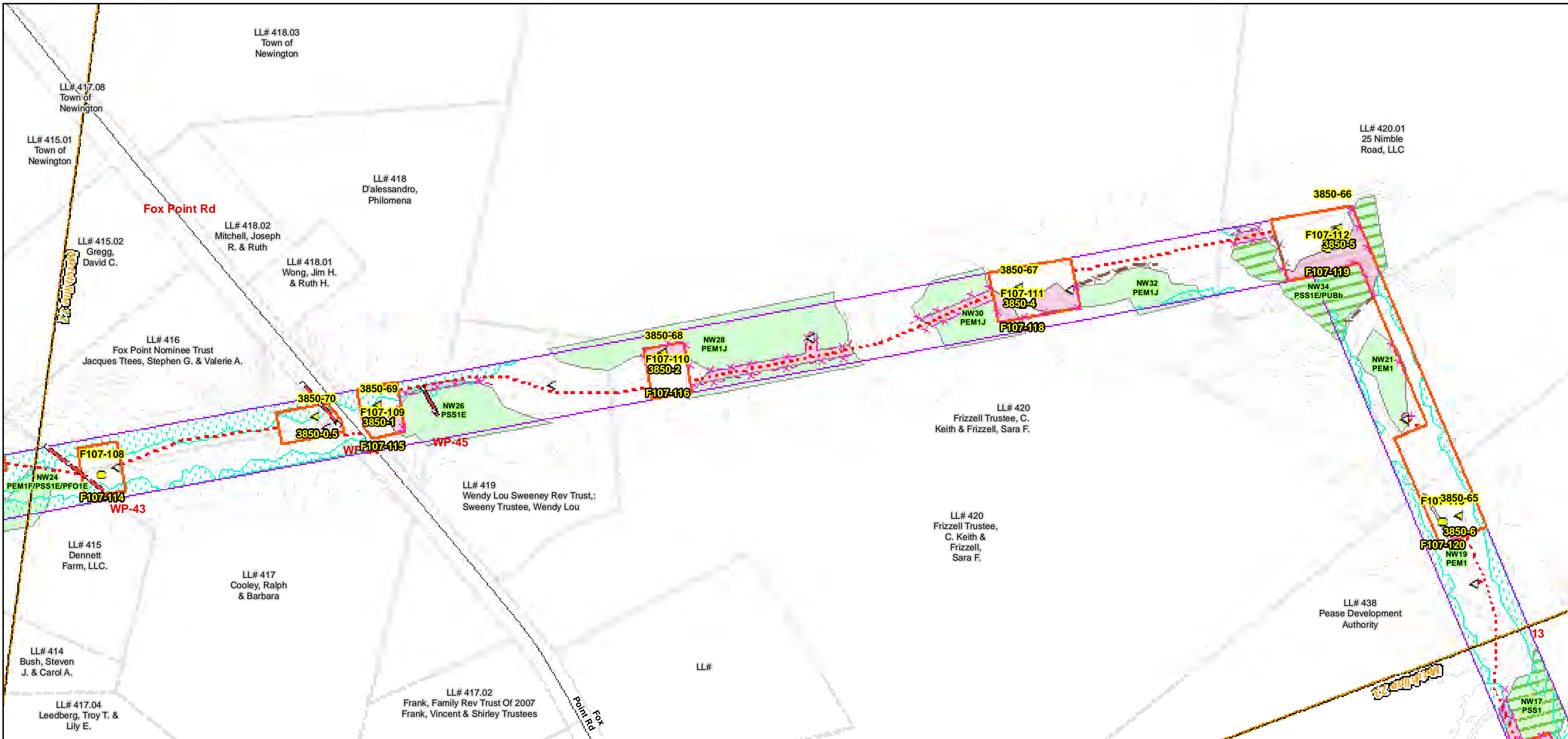
**NORMANDEAU ASSOCIATES**  
Environmental Consultants

**Seacoast Reliability Project**

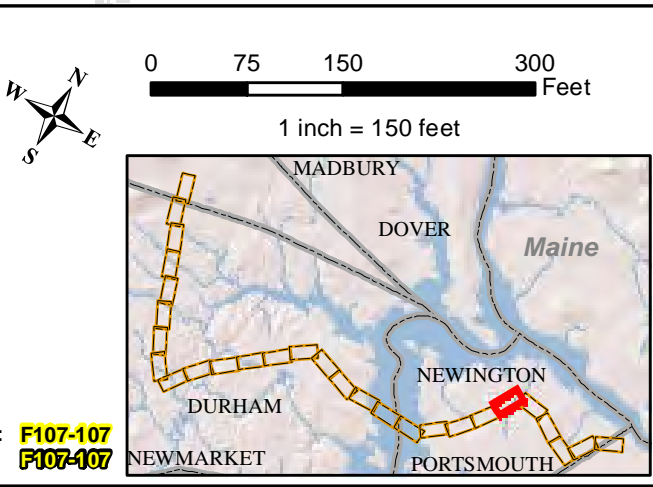
**Construction Access Plans**

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**For Pre-Bid**



<p>Drawn By: dpelletier</p> <p>Date: 7/26/2017</p> <p>Project No: 22860.003</p>	<p><b>Town Boundary</b></p> <p><b>Approximate Parcel Boundary</b></p> <p><b>PSNH Fee Area</b></p> <p><b>Work Pad</b></p> <p><b>Roads</b></p> <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> </ul>	<p><b>Existing Str (Remain)</b></p> <p><b>Existing Str (Removed/Modified)</b></p> <p><b>Access Roads</b></p> <p><b>Silt Curtain</b></p> <p><b>Silt Fence, Hay Bale, Erosion Control Mix Berm</b></p> <p><b>Straw Wattle</b></p> <p><b>Wetlands Impact</b></p> <p><b>Stream Centerline</b></p> <p><b>Stream Top of Bank</b></p>	<p><b>Temporary Culvert</b></p> <p><b>Temporary Mat Bridge</b></p> <p><b>NH DOT Right-of-way</b></p> <p><b>Designated River Buffer 250'</b></p> <p><b>Tree Clearing</b></p> <p><b>2ft Contour</b></p> <p><b>Stonewall alignment</b></p> <p><b>Historic Districts</b></p>
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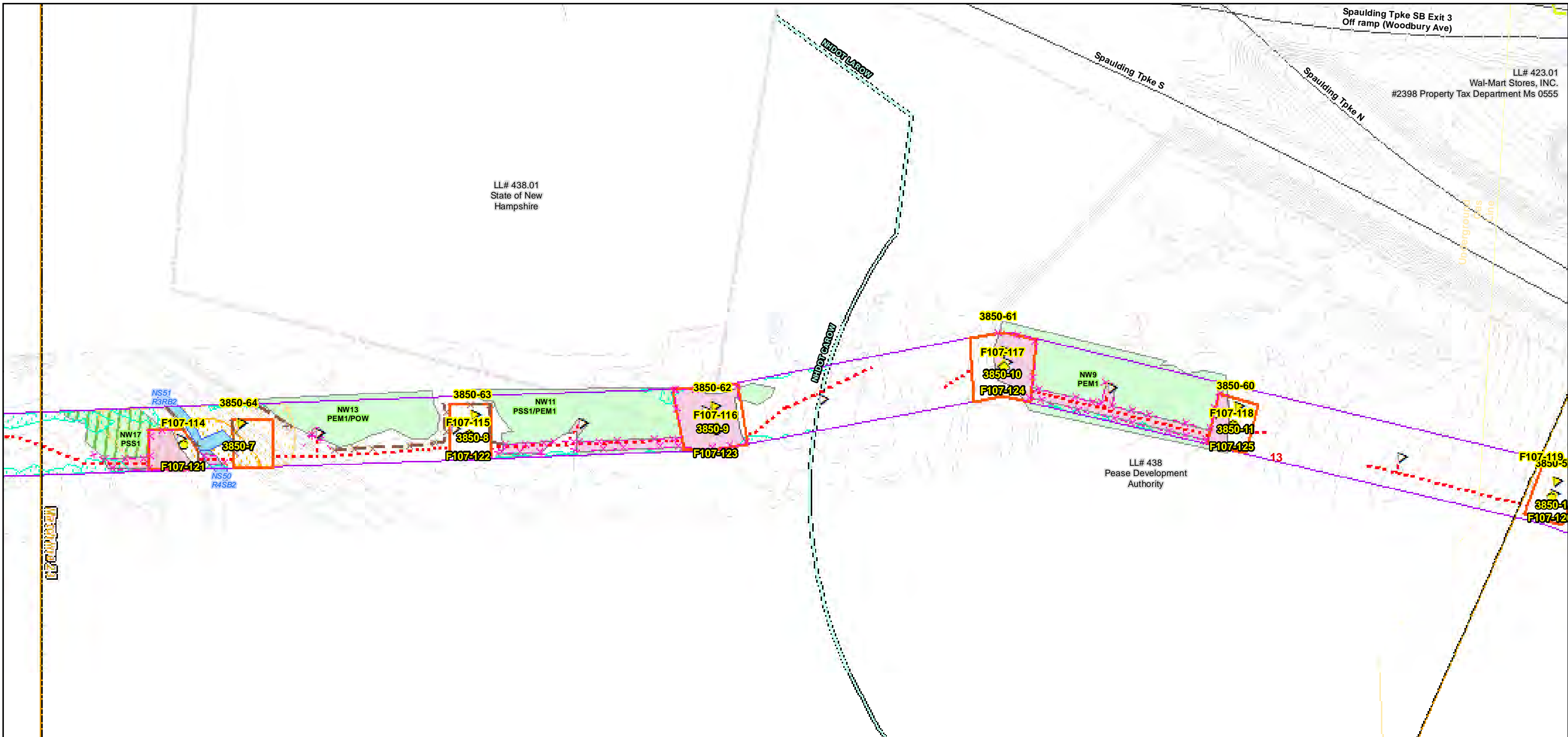
**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**

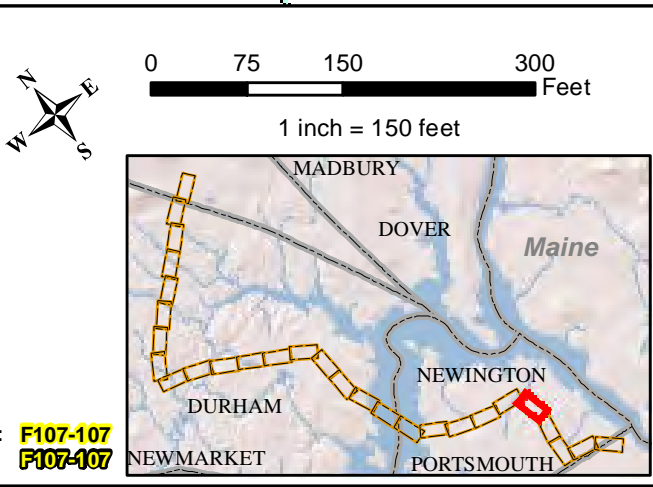
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Construction Structure #: **F107-107**  
Permitting Structure #: **F107-107**



Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

Town Boundary	Existing Str (Remain)	Temporary Culvert
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Not Maintained	Wetlands Impact	Stonewall alignment
Private	Stream Centerline	Historic Districts
State	Stream Top of Bank	
Railroad		



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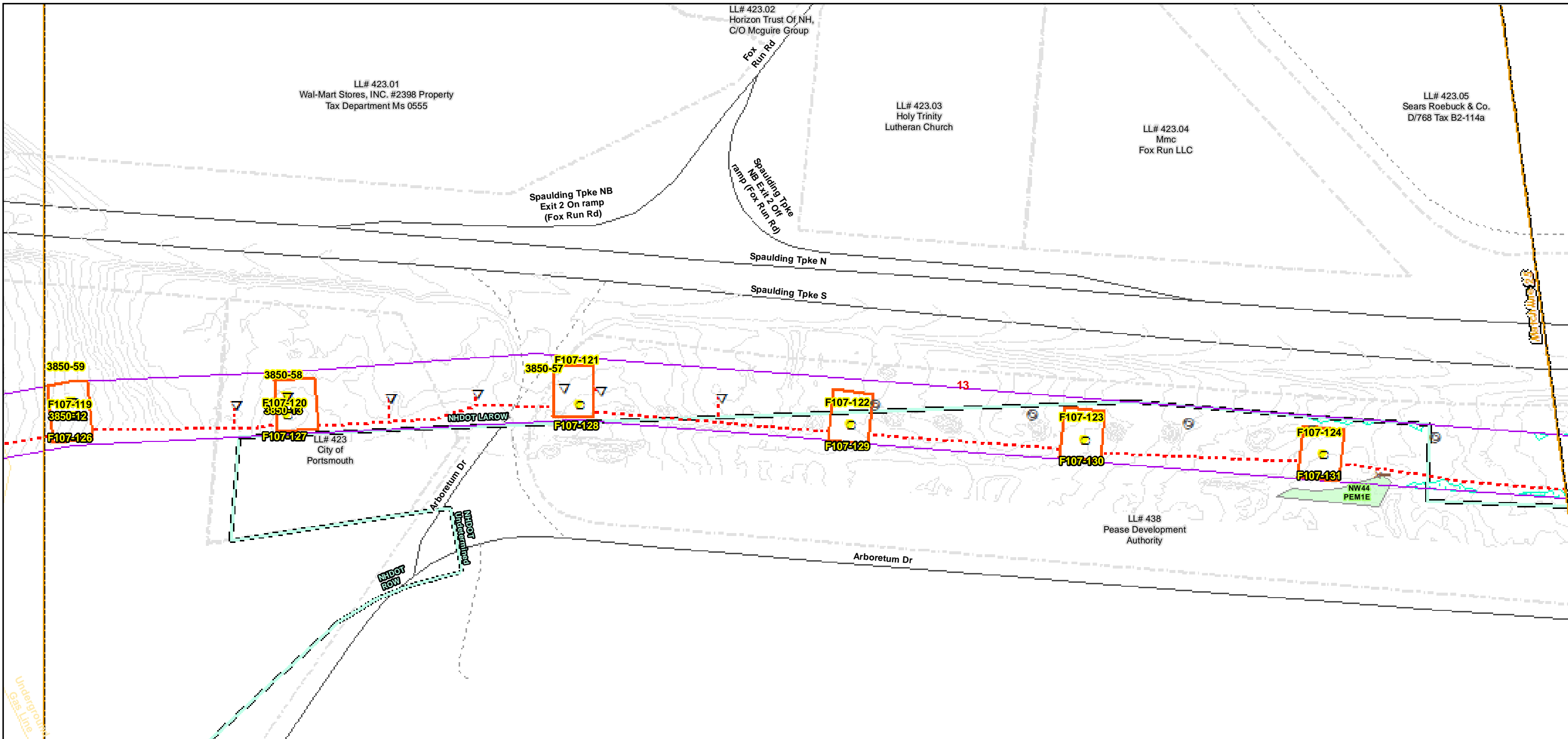
**Construction Access Plans**

**For Pre-Bid**

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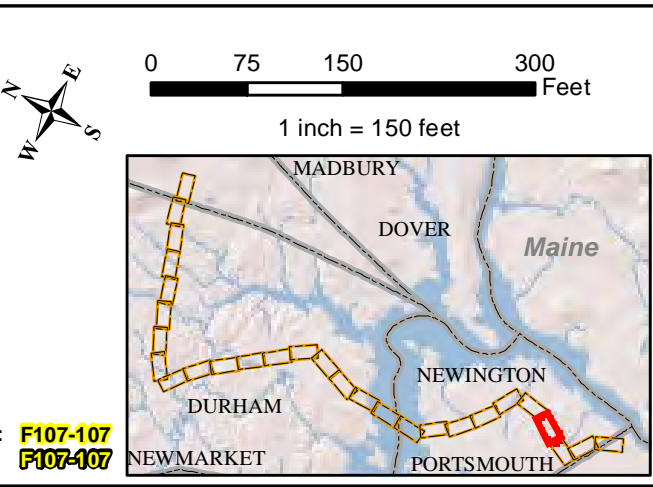
Construction Structure #s: **F107-107**  
 Permitting Structure #s: **F107-107**





Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

Town Boundary	Existing Str (Remain)	Temporary Culvert
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Construction Structure #s: **F107-107**  
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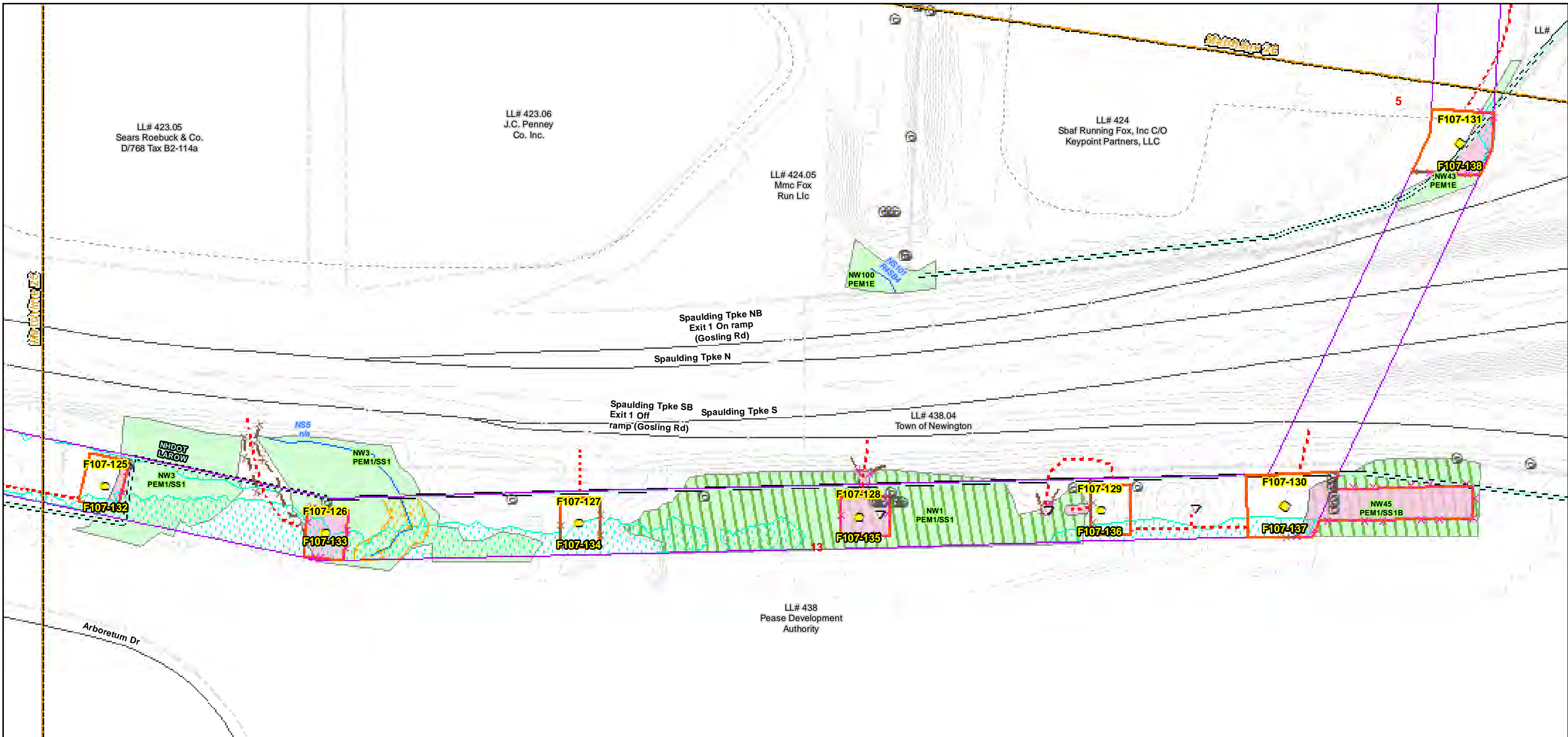
**EVERSOURCE**  
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**Seacoast Reliability Project**

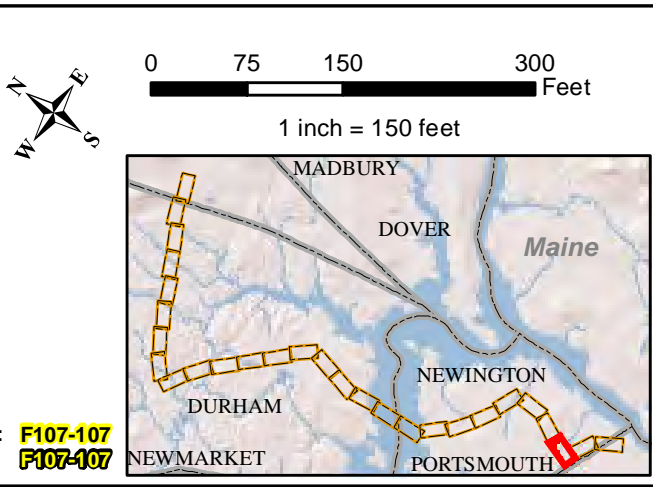
**Construction Access Plans**

**For Pre-Bid**



Date : 7/26/2017  
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 Project No: 22860.003

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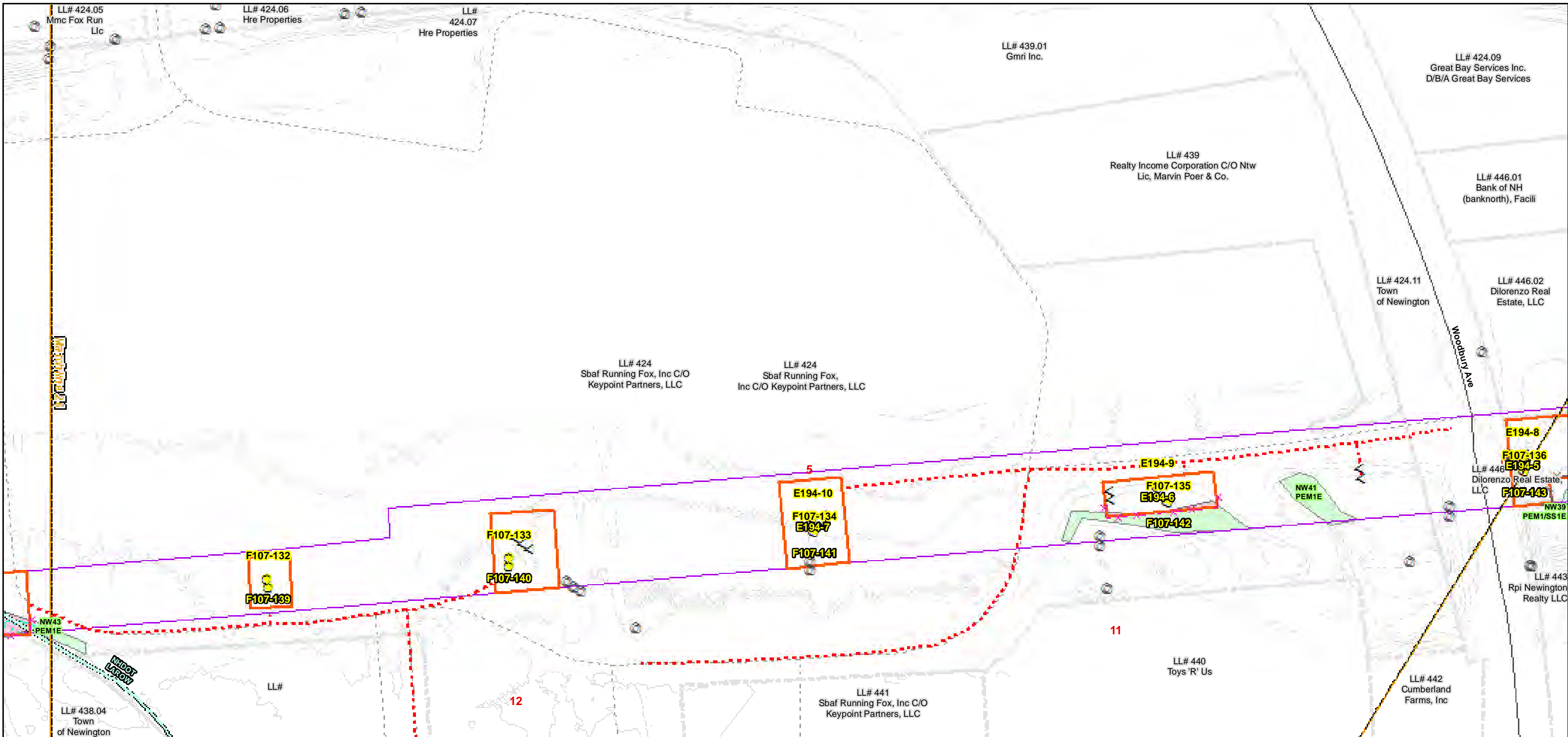
**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**

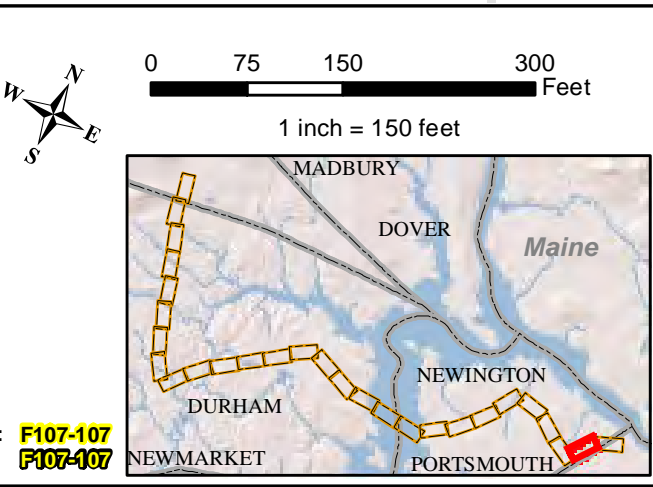
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Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

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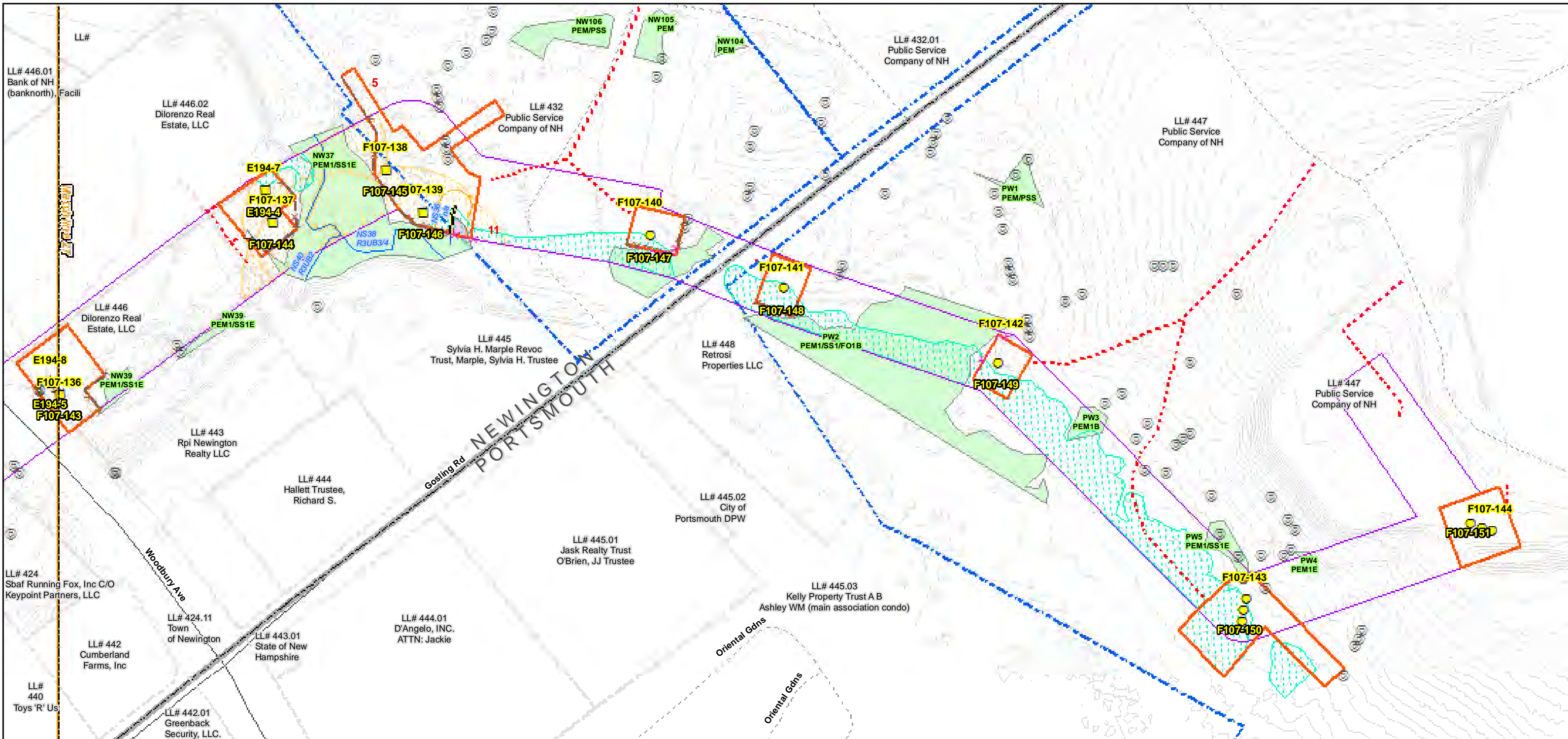
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**NORMANDEAU ASSOCIATES**  
Environmental Consultants

**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**



Date : 7/26/2017  
 Drawn By: dpellelier  
 Project No: 22860.003

- |   |   |   |
|---|---|---|
| <ul style="list-style-type: none"> <li> Town Boundary</li> <li> Approximate Parcel Boundary</li> <li> PSNH Fee Area</li> <li> Work Pad</li> <li><b>Roads</b></li> <li> Local</li> <li> Not Maintained</li> <li> Private</li> <li> State</li> <li> Railroad</li> </ul> | <ul style="list-style-type: none"> <li> Existing Str (Remain)</li> <li> Existing Str (Removed/Modified)</li> <li> Access Roads</li> <li> Silt Curtain</li> <li> Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li> Straw Wattle</li> <li> Wetlands Impact</li> <li> Stream Centerline</li> <li> Stream Top of Bank</li> </ul> | <ul style="list-style-type: none"> <li> Temporary Culvert</li> <li> Temporary Mat Bridge</li> <li> NH DOT Right-of-way</li> <li> Designated River Buffer 250'</li> <li> Tree Clearing</li> <li> 2ft Contour</li> <li> Stonewall alignment</li> <li> Historic Districts</li> </ul> |
|---|---|---|

1 inch = 150 feet

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Construction Structure #: **F107-107**  
 Permitting Structure #: **F107-107**

**Seacoast Reliability Project**  
**Construction Access Plans**  
  
**For Pre-Bid**

**From:** Miller, Nadine <Nadine.Miller@dcr.nh.gov>  
**Sent:** Wednesday, July 26, 2017 3:18 PM  
**To:** mark.doperalski@eversource.com  
**Cc:** Boisvert, Richard A; dena.champy@eversource.com  
**Subject:** RE: SRP - Adverse Effects

"EXTERNAL EMAIL SENDER: Do not click on links or attachments if sender is unknown or if the email is unexpected from someone you know, and never provide a user ID or password."

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Thank you for providing the additional information for our review.  
Nadine

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Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.

**From:** [mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com) [<mailto:mark.doperalski@eversource.com>]  
**Sent:** Wednesday, July 26, 2017 2:56 PM  
**To:** Miller, Nadine  
**Cc:** Boisvert, Richard A; [dena.champy@eversource.com](mailto:dena.champy@eversource.com)  
**Subject:** SRP - Adverse Effects

Hi Nadine,

As we discussed, here is a brief memo describing the applicant's proposed avoidance, minimization, and mitigation measures to help inform discussions pertaining to adverse effects identified by the DHR in a letter to the USACE on June 20, 2017.

Please let me know if you have any questions or concerns.

Thank you,

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

**EVERSOURCE**  
13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

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**From:** Miller, Nadine <Nadine.Miller@nh.gov>  
**Sent:** Tuesday, August 01, 2017 1:26 PM  
**To:** mark.doperalski@eversource.com  
**Subject:** Seacoast

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---

Lindsay at the Corps says that she is happy to attend a meeting in the Seacoast project area to discuss affected resources. Would you mind coordinating that meeting by sending out dates over the next couple of weeks? Is there a good location to hold the meeting locally?

Please send the meeting invite to Consulting Parties as well.

Thank you,

Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.

**From:** mark.doperalski@eversource.com  
**Sent:** Wednesday, August 09, 2017 3:42 PM  
**To:** nadine.miller@dcr.nh.gov  
**Cc:** Black, Laura  
**Subject:** NPT and SRP

Hi Nadine,

Quick question on NPT re: Wildwood Campground form (EAS0002). We resubmitted the version that reflects additional research and consultation with the USFS. Has the DHR reviewed the latest version of this form and what is the DHR's take on the USFS informed version?

On SRP, I was out in the field yesterday with Lindsey from the USACE. She's very nice! I talked to her about setting up a meeting to facilitate the mitigation discussion. She said she will coordinate finding out when folks are available to meet and set up a meeting. The USACE is only concerned with the Cable House HD, the others are not in their permit area; however, after talking to her about the benefit of including the other three resources in the discussion from a SEC/DHR standpoint she seemed to be OK with allowing us to address the effects upon all four resources at the meeting (she will make it clear that the other three are not part of Section 106 process). I informed her that there are two consulting parties and that the DHR has expressed an interest in also inviting the DHA. I also told her that Eversource could set up the meeting venue once a date was selected.

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

**EVERSOURCE**  
13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)



**From:** Miller, Nadine <Nadine.Miller@nh.gov>  
**Sent:** Wednesday, August 09, 2017 3:54 PM  
**To:** mark.doperalski@eversource.com  
**Cc:** Black, Laura  
**Subject:** RE: NPT and SRP  
**Attachments:** 20170809155226.pdf

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---

So glad you had a chance to speak with Lindsey and things are moving along on the SRP front.

In regards to Wildwood, please see the green sheet attached. I'm surprised you haven't received it yet. In a nutshell, based on FS input, we decided to include only the immediate surroundings of the picnic pavilion itself. For the purposes of moving the project forward, we took care of the revisions. No further work is required.

Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

\*\*\* new email \*\*\* [nadine.miller@nh.gov](mailto:nadine.miller@nh.gov)

Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.

**From:** [mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com) [<mailto:mark.doperalski@eversource.com>]  
**Sent:** Wednesday, August 09, 2017 3:42 PM  
**To:** Miller, Nadine  
**Cc:** Black, Laura  
**Subject:** NPT and SRP

Hi Nadine,

Quick question on NPT re: Wildwood Campground form (EAS0002). We resubmitted the version that reflects additional research and consultation with the USFS. Has the DHR reviewed the latest version of this form and what is the DHR's take on the USFS informed version?

On SRP, I was out in the field yesterday with Lindsey from the USACE. She's very nice! I talked to her about setting up a meeting to facilitate the mitigation discussion. She said she will coordinate finding out when folks are available to meet and set up a meeting. The USACE is only concerned with the Cable House HD, the others are not in their permit area; however, after talking to her about the benefit of including the other three resources in the discussion from a SEC/DHR standpoint she seemed to be OK with allowing us to address the effects upon all four resources at the meeting (she will make it clear that the other three are not part of Section 106 process). I informed her that there are two consulting parties and that the DHR has expressed an interest in also inviting the DHA. I also told her that Eversource could set up the meeting venue once a date was selected.

Mark

**Mark Doperalski, M.A., RPA**  
Cultural Resources Specialist

**EVERSOURCE**

13 Legends Drive

Hooksett, NH 03106

603.479.1088 (cell)

603.634.2147 (office)

[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

---

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**From:** mark.doperalski@eversource.com  
**Sent:** Thursday, August 10, 2017 1:24 PM  
**To:** Lefebvre, Lindsey E CIV USARMY CENAE (US)  
**Subject:** SRP - Mitigation Memo to DHR  
**Attachments:** SRP\_Avoidance&MinimizationMemo\_07-26-2017.pdf

Hi Lindsey,

It was great to meet you on Tuesday.

As promised, attached is a copy of the proposed avoidance, minimization, and mitigation memo I sent to the DHR a few weeks ago.

Nadine at the DHR told me today that Rhonda Baker Hill ([rjbh@comcast.net](mailto:rjbh@comcast.net)), owner of the Adams Homestead (not adversely effected by the project), has expressed interest in attending the mitigation meeting.

I look forward to working with you on this project and future projects.

Thank you for your time.

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

**EVERSOURCE**  
13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

*(See attached file: SRP\_Avoidance&MinimizationMemo\_07-26-2017.pdf)*

**To:** Nadine Miller, Preservation Project Reviewer, Division of Historical Resources (DHR)

**Date:** July 26, 2017

**Subject:** Seacoast Reliability Project (R&C #6528) - Avoidance, Minimization, and Mitigation

**From:** Mark Doperalski, Cultural Resources Specialist, Eversource Energy

This memorandum describes avoidance, minimization, and mitigation measures proposed by the applicant, Eversource Energy, to help facilitate discussions pertaining to adverse effects identified by the DHR upon historic resources as part of the proposed Seacoast Reliability Project (Project).

The DHR, in a letter dated June, 20, 2017 to the U.S. Army Corps of Engineers (USACE), identified four resources that would be adversely affected by the proposed Project. Those resources include the Newmarket and Bennett Roads Farms Historic District, Durham Point Historic District, Little Bay Underwater Cable Terminal Houses Historic District, and the Alfred Pickering Farm. The DHR has expressed particular concern regarding physical impacts to historic stone walls and features that contribute to the rural character of the Durham Point Historic District and Newmarket and Bennett Roads Farms Historic District, physical impacts to the Little Bay Underwater Cable Terminal Houses Historic District, and visual changes introduced due to the use of larger scale towers upon the Alfred Pickering Farm.

Eversource Energy proposes the following avoidance, minimization, and mitigation measures. The discussion of these measures is organized below by resource.

**Newmarket and Bennett Roads Farms Historic District:**

There are nine stone wall segments (WP-12 through WP-20) within the Newmarket and Bennett Roads Farms Historic District that are intersected by the proposed Project corridor (see attached map set; pages 8-10). Impacts to all nine walls will be avoided by the Project through implementation of the measures listed by wall in Table 1. An example of timber matting over a stone wall segment is depicted in Figure 1.

**Table 1. Proposed Avoidance Measures**

<b>Stone Wall ID</b>	<b>Proposed Measure</b>
WP-12	Mat over stone wall for access and construction pad
WP-13	Use existing opening for access
WP-14	Use existing opening for access
WP-15	Mat over stone wall for access and construction pad
WP-16	Mat over stone wall for access
WP-17	Mat over stone wall for access
WP-18	Use existing opening for access
WP-19	Use existing opening for access
WP-20	Do not cross



Figure 1. Timber Matting Over Stone Wall Segment

**Durham Point Historic District:**

There are seven stone wall segments (WP-32 through WP-35B; and WP35D) as well as one granite quarry (27ST119 – Langmaid Road Quarry) within or directly adjacent to the Durham Point Historic District that are intersected by the Project corridor (see attached map set; pages 14-16). Impacts to six of the seven walls will be avoided by the Project through implementation of the measures listed by wall in Table 2. In the case of WP-33, the Project proposes to minimize impacts by widening one exiting breach and repairing a second existing breach with the stone removed from the first.

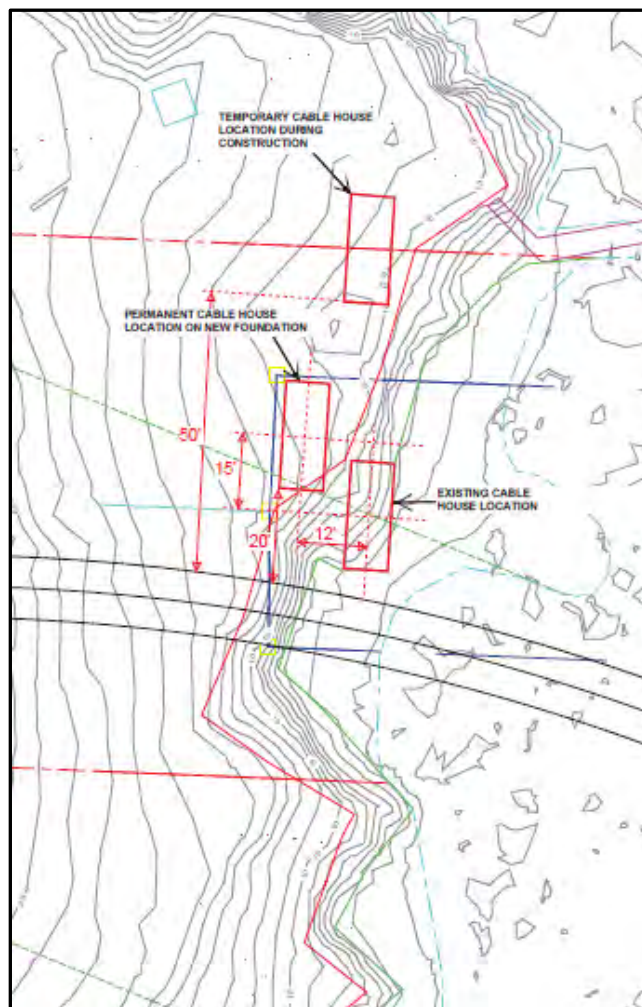
**Table 2. Proposed Avoidance and Minimization Measures**

Stone Wall ID	Proposed Measure
WP-32	Mat over stone wall for access and construction pad
WP-33	Two existing openings: rebuild one, widen one
WP-34	Mat Over Stone Wall for Access
WP-35	Use existing Opening for Access
WP-35D	Use existing Opening for Access
WP-35B	Use existing Opening for Access
WP-35A	Mat Over Stone Wall for Access

Regarding the stone quarry, the Project will be able to avoid most impacts by routing access around the quarry features. There are two locations, one an access point and the second a work pad location associated with structure F107-83/84, where avoidance through moving project components is not possible. In both cases timber matting will be used to avoid impacts to quarry features.

**Little Bay Underwater Cable Terminal Houses Historic District:**

Placement of proposed Project components within the Little Bay Underwater Cable Terminal Houses Historic District requires the cable terminal house on the western shoreline to be moved from its present location as well as the removal of sections of the historic underwater cables. The Project proposes to stabilize and move the cable terminal house 50 feet to the north of its current location during construction. Once construction has been completed the Project proposes to permanently place the cable terminal house in a location 12 feet to the west of and 15 feet to the north of its current location (see Figure 2). The cable terminal house would be placed on a new foundation constructed either of field stone or concrete faced with field stone. This new location will allow future maintenance of the electric line without impacting the cable terminal house. It will also remove the structure from within the tidal zone, which will increase the longevity of the historic structure and allow restoration of intertidal habitat at this location. Prior to moving the cable terminal house, Historic American Engineering Record (HAER) documentation will be completed for the structure. Additionally, the Project proposes to increase public awareness of the historic district through the placement of interpretive signage at a frequently used access point to Little Bay.



**Figure 2. Proposed Cable Terminal House Relocation**

**Alfred Pickering Farm:**

Currently, an existing electric distribution line runs across the Alfred Pickering Farm property and is visible from several portions of the property. The Project proposes to replace the existing distribution line with a transmission line of larger size within the same corridor. The Project design minimizes adverse visual effects on the Alfred Pickering Farm. First, the distribution line will be removed from this corridor to reduce structure heights. Based on 3-D and photo overlay modeling, the reduced structure heights will not rise above the existing tree line. Longer span lengths will require only one structure within the National Register eligible boundary of the property and it will be placed out of view in a wooded area. The only structure (F107-104/107) in view from the Pickering Farm buildings or from Little Bay Road will be located on the adjacent parcel to the west, in the field north of a newly constructed house (see attached map set; page 21). This structure will be 65.5 feet tall. Existing trees along the northern edge of the corridor will minimize the presence of the structure in the view. Second, the Project will use a weathering steel structure, which will reduce visual impact of the structure by reducing the visual contrast against the backdrop of the existing trees. Last, the Project proposes that, with landowner permission, vegetative screening consisting of a tall growing tree species be planted on the southern edge of the corridor. The structure (F107-104/107) will initially be visible against the wooded background but will not rise above the treetops and would eventually be blocked by the tall growing vegetative screening along the southern edge of the corridor.

**From:** mark.doperalski@eversource.com  
**Sent:** Tuesday, August 22, 2017 3:44 PM  
**To:** Lefebvre, Lindsey E CIV USARMY CENAE (US)  
**Subject:** RE: [Non-DoD Source] SRP - Mitigation Memo to DHR (UNCLASSIFIED)

Hi Lindsey,

The POCs for the two consulting parties are:

**Town of Newington**

Denis Hebert  
[denisann@comcast.net](mailto:denisann@comcast.net)  
603-498-4309

**Frink Family**

John Frink (prefers phone):  
(603) 436-3763  
(603) 396-1814  
[JDFRINK53@comcast.net](mailto:JDFRINK53@comcast.net)

Helen Frink  
(603) 863-4455  
[hfrink@keene.edu](mailto:hfrink@keene.edu)

Sally Frink Ryder  
[onebyke2ryders@gmail.com](mailto:onebyke2ryders@gmail.com)

Other parties that have expressed interest are:

**The Durham Historic Association (DHA)**

Nancy Sandberg  
[nancy.sandberg@comcast.net](mailto:nancy.sandberg@comcast.net)  
603-868-2350

**Lulu Pickering (owner of the Pickering Farm - Adversely Affected)**

[Pickering@informagen.com](mailto:Pickering@informagen.com)

**Rhonda Baker Hill (owner of the Adams Homestead - Not Adversely Affected)**

[Rjbh@comcast.net](mailto:Rjbh@comcast.net)

Please let me know if you need any additional information.

Thank you,


Mark

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

**EVERSOURCE**  
13 Legends Drive  
Hooksett, NH 03106



603.479.1088 (cell)  
603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

 Lefebvre, Lindsey E CIV USARMY CENAE (US)" ---08/15/2017 04:06:17 PM---"EXTERNAL EMAIL SENDER: Do not click on links or attachments if sender is unknown or if the email i

From: "Lefebvre, Lindsey E CIV USARMY CENAE (US)" <[Lindsey.E.Lefebvre@usace.army.mil](mailto:Lindsey.E.Lefebvre@usace.army.mil)>  
To: Mark Doperalski/NUS@NU,  
Date: 08/15/2017 04:06 PM  
Subject: RE: [Non-DoD Source] SRP - Mitigation Memo to DHR (UNCLASSIFIED)

---

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---

CLASSIFICATION: UNCLASSIFIED

Hi Mark,

It was great meeting you as well.

Can you send me a list of names of POCs for the consulting parties? I want to make sure I have all of the correct people included in the poll/meeting invite.

Thank you,

Lindsey Lefebvre  
US Army Corps of Engineers  
New England District  
696 Virginia Rd  
Concord, MA 01742  
(978)-318-8295

-----Original Message-----

From: [mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com) [<mailto:mark.doperalski@eversource.com>]  
Sent: Thursday, August 10, 2017 1:24 PM  
To: Lefebvre, Lindsey E CIV USARMY CENAE (US) <[Lindsey.E.Lefebvre@usace.army.mil](mailto:Lindsey.E.Lefebvre@usace.army.mil)>  
Subject: [Non-DoD Source] SRP - Mitigation Memo to DHR

Hi Lindsey,

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As promised, attached is a copy of the proposed avoidance, minimization, and mitigation memo I sent to the DHR a few weeks ago.

Nadine at the DHR told me today that Rhonda Baker Hill ([rjbh@comcast.net](mailto:rjbh@comcast.net)), owner of the Adams Homestead (not adversely effected by the project), has expressed interest in attending the mitigation meeting.

I look forward to working with you on this project and future projects.

Thank you for your time.

Mark

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
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[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

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CLASSIFICATION: UNCLASSIFIED

**From:** Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
**Sent:** Friday, August 25, 2017 2:53 PM  
**To:** denisann@comcast.net; JDFRINK53@comcast.net; hfrink@keene.edu;  
onebyke2ryders@gmail.com; Miller, Nadine  
**Cc:** Sarah Allen; mark.doperalski@eversource.com  
**Subject:** Mitigation Meeting-Historical Properties Seacoast Reliability Project

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---

Hello Everyone,

We are trying to schedule a meeting to discuss mitigation options for the historical properties affected along the Seacoast Reliability Project.

Will Thursday, September 14th work for everyone? If not, please let me know your availability. Location TBD.

Thank you,

Lindsey Lefebvre  
US Army Corps of Engineers  
New England District  
696 Virginia Rd  
Concord, MA 01742  
(978)-318-8295

**From:** Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
**Sent:** Friday, September 15, 2017 11:34 AM  
**To:** Mark Doperalski  
**Cc:** Lauren M. Cote  
**Subject:** RE: Seacoast Reliability Project

"EXTERNAL EMAIL SENDER: Do not click on links or attachments if sender is unknown or if the email is unexpected from someone you know, and never provide a user ID or password."

---

Hi Mark,

It looks like October 4th works the best. Let me know what time and place works best and I can send around another email.

Thanks,

Lindsey Lefebvre  
US Army Corps of Engineers  
New England District  
696 Virginia Rd  
Concord, MA 01742  
(978)-318-8295

-----Original Message-----

From: Mark Doperalski [mailto:mark.doperalski@eversource.com]  
Sent: Friday, September 08, 2017 10:38 AM  
To: Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
Cc: Lauren M. Cote <lauren.cote@eversource.com>  
Subject: [EXTERNAL] RE: Seacoast Reliability Project

Hi Lindsey,

We've had good luck with late afternoon, early evening as it allows folks to attend after work. The last meeting was held in Portsmouth, I can have Lauren check on availability for those two dates and get back to you.

Please let us know once you've determined which date works best for the consulting parties.

Have a great weekend.

Mark

-----Original Message-----

From: Lefebvre, Lindsey E CIV USARMY CENAE (US) [mailto:Lindsey.E.Lefebvre@usace.army.mil]

Sent: Friday, September 08, 2017 10:28 AM  
To: Mark Doperalski <mark.doperalski@eversource.com>  
Subject: RE: Seacoast Reliability Project

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---

Hi Mark,

Great, thank you. I will check with the consulting parties to see which day works best for them.

Any idea what a good time of day would be to hold this? Also, any idea of where?

Thanks,

Lindsey

-----Original Message-----

From: Mark Doperalski [mailto:mark.doperalski@eversource.com]  
Sent: Friday, September 08, 2017 10:24 AM  
To: Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
Subject: [EXTERNAL] Re: Seacoast Reliability Project

Hi Lindsey,

I can do the 2nd or 4th, but not the 25th.

Thanks,  
Mark

Get Outlook for iOS <BlockedBlockedhttps://aka.ms/o0ukef> \_\_\_\_\_

From: Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
Sent: Friday, September 8, 2017 9:50:17 AM  
To: Mark Doperalski  
Subject: FW: Seacoast Reliability Project

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---

Hi Mark,

See Nadine's email below. Out of these dates (assuming we are looking at a meeting in the afternoon), I can do Sept 25, Oct 2 & Oct 4.

Do any of these work for you?

Thanks,

Lindsey Lefebvre  
US Army Corps of Engineers  
New England District  
696 Virginia Rd  
Concord, MA 01742  
(978)-318-8295

-----Original Message-----

From: Miller, Nadine [mailto:Nadine.Miller@nh.gov]  
Sent: Friday, September 08, 2017 9:28 AM  
To: Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
Subject: [EXTERNAL] RE: Seacoast Reliability Project

Would this be a late afternoon, early evening meeting?  
If so, I am available:

Sept. 25, 27  
Oct. 2, 4, 5

Have a nice weekend,  
Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
BlockedBlockedBlockedwww.nh.gov/nhdhr

\*\*\* new email \*\*\* nadine.miller@nh.gov

Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.

-----Original Message-----

From: Lefebvre, Lindsey E CIV USARMY CENAE (US) [mailto:Lindsey.E.Lefebvre@usace.army.mil]  
Sent: Thursday, September 07, 2017 3:17 PM  
To: Miller, Nadine  
Subject: Seacoast Reliability Project

Hi Nadine,

Eversource would like to schedule a meeting to discuss mitigation for the historical properties affected by the Seacoast Reliability Project. Please send a list of your available days and times that would work best for you so we can set a date.

Please note September 18-22 I will be unavailable.

Thank you,

Lindsey Lefebvre

US Army Corps of Engineers  
New England District  
696 Virginia Rd  
Concord, MA 01742  
(978)-318-8295

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**From:** Mark Doperalski  
**Sent:** Friday, September 15, 2017 3:40 PM  
**To:** 'Lefebvre, Lindsey E CIV USARMY CENAE (US)'  
**Cc:** Lauren M. Cote  
**Subject:** RE: Seacoast Reliability Project

Hi Lindsey,

Here is the venue.

Meeting Room at Schiller Station  
400 Gosling Road, Portsmouth, NH 03801

Reserved at 3pm October 4, we can use it as late as we need.

Have a great weekend.

Mark

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
mark.doperalski@eversource.com

-----Original Message-----

From: Lefebvre, Lindsey E CIV USARMY CENAE (US) [mailto:Lindsey.E.Lefebvre@usace.army.mil]  
Sent: Friday, September 15, 2017 11:34 AM  
To: Mark Doperalski <mark.doperalski@eversource.com>  
Cc: Lauren M. Cote <lauren.cote@eversource.com>  
Subject: RE: Seacoast Reliability Project

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Lindsey Lefebvre  
US Army Corps of Engineers  
New England District  
696 Virginia Rd  
Concord, MA 01742  
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-----Original Message-----

From: Mark Doperalski [mailto:mark.doperalski@eversource.com]  
Sent: Friday, September 08, 2017 10:38 AM  
To: Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
Cc: Lauren M. Cote <lauren.cote@eversource.com>  
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Mark

-----Original Message-----

From: Lefebvre, Lindsey E CIV USARMY CENAE (US) [mailto:Lindsey.E.Lefebvre@usace.army.mil]  
Sent: Friday, September 08, 2017 10:28 AM  
To: Mark Doperalski <mark.doperalski@eversource.com>  
Subject: RE: Seacoast Reliability Project

"EXTERNAL EMAIL SENDER: Do not click on links or attachments if sender is unknown or if the email is unexpected from someone you know, and never provide a user ID or password."

---

Hi Mark,

Great, thank you. I will check with the consulting parties to see which day works best for them.

Any idea what a good time of day would be to hold this? Also, any idea of where?

Thanks,

Lindsey

-----Original Message-----

From: Mark Doperalski [mailto:mark.doperalski@eversource.com]

Sent: Friday, September 08, 2017 10:24 AM  
To: Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
Subject: [EXTERNAL] Re: Seacoast Reliability Project

Hi Lindsey,

I can do the 2nd or 4th, but not the 25th.

Thanks,  
Mark

Get Outlook for iOS <BlockedBlockedhttps://aka.ms/o0ukef> \_\_\_\_\_

From: Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
Sent: Friday, September 8, 2017 9:50:17 AM  
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Subject: FW: Seacoast Reliability Project

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Hi Mark,

See Nadine's email below. Out of these dates (assuming we are looking at a meeting in the afternoon), I can do Sept 25, Oct 2 & Oct 4.

Do any of these work for you?

Thanks,

Lindsey Lefebvre  
US Army Corps of Engineers  
New England District  
696 Virginia Rd  
Concord, MA 01742  
(978)-318-8295

-----Original Message-----

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Sent: Friday, September 08, 2017 9:28 AM  
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If so, I am available:

Sept. 25, 27  
Oct. 2, 4, 5

Have a nice weekend,  
Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
BlockedBlockedBlockedwww.nh.gov/nhdhr

\*\*\* new email \*\*\* nadine.miller@nh.gov

Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.

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From: Lefebvre, Lindsey E CIV USARMY CENAE (US) [mailto:Lindsey.E.Lefebvre@usace.army.mil]  
Sent: Thursday, September 07, 2017 3:17 PM  
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Subject: Seacoast Reliability Project

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Please note September 18-22 I will be unavailable.

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**From:** Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
**Sent:** Tuesday, September 19, 2017 8:05 AM  
**To:** Mark Doperalski  
**Subject:** RE: Seacoast Reliability Project

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Lindsey

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From: Mark Doperalski [mailto:mark.doperalski@eversource.com]  
Sent: Monday, September 18, 2017 11:17 AM  
To: Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
Cc: Lauren M. Cote <lauren.cote@eversource.com>  
Subject: [EXTERNAL] RE: Seacoast Reliability Project

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Mark

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
mark.doperalski@eversource.com

-----Original Message-----

From: Mark Doperalski  
Sent: Friday, September 15, 2017 3:40 PM

To: 'Lefebvre, Lindsey E CIV USARMY CENAE (US)' <Lindsey.E.Lefebvre@usace.army.mil>  
Cc: Lauren M. Cote <lauren.cote@eversource.com>  
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Here is the venue.

Meeting Room at Schiller Station  
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Reserved at 3pm October 4, we can use it as late as we need.

Have a great weekend.

Mark

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

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Hooksett, NH 03106  
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US Army Corps of Engineers  
New England District  
696 Virginia Rd

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Nadine

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Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources



NH Department of Natural and Cultural Resources  
603-271-6628  
BlockedBlockedBlockedBlockedwww.nh.gov/nhdhr

\*\*\* new email \*\*\* nadine.miller@nh.gov

Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.

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Please note September 18-22 I will be unavailable.

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Lindsey Lefebvre  
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**From:** Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
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**To:** Mark Doperalski  
**Subject:** RE: Seacoast Reliability Project

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---

Great! Andy special direction to find the place or get in? Or have most people already been there?

Thanks,

Lindsey

-----Original Message-----

**From:** Mark Doperalski [mailto:mark.doperalski@eversource.com]  
**Sent:** Tuesday, September 19, 2017 8:19 AM  
**To:** Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
**Cc:** Lauren M. Cote <lauren.cote@eversource.com>  
**Subject:** [EXTERNAL] RE: Seacoast Reliability Project

Hi Lindsey,

Sounds good to me.

Thanks,

Mark

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

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603.479.1088 (cell)  
603.634.2147 (office)  
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\*\*\* new email \*\*\* nadine.miller@nh.gov

Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.

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**From:** Mark Doperalski  
**Sent:** Tuesday, September 19, 2017 11:47 AM  
**To:** 'Lefebvre, Lindsey E CIV USARMY CENAE (US)'  
**Subject:** RE: SRP CP meeting

FYI - The guests will be able to access the room without needing a badge. There are no special directions to the building. The address is 400 Gosling Road, Portsmouth, NH, located at the end of Gosling Road on the river. Once the guests come over the railroad tracks (at the very end of Gosling Road), the Schiller Station Meeting Room will be to the left. There is a sign on the building (Schiller Station Meeting Room) and there is a main entrance with an awning over it. The door will be unlocked.

There should be parking in front of and off to the side of the building.

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

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From: Lefebvre, Lindsey E CIV USARMY CENAE (US) [<mailto:Lindsey.E.Lefebvre@usace.army.mil>]  
Sent: Tuesday, September 19, 2017 11:00 AM  
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Subject: RE: SRP CP meeting

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Thank you Mark.

-----Original Message-----

From: Mark Doperalski [<mailto:mark.doperalski@eversource.com>]  
Sent: Tuesday, September 19, 2017 10:48 AM  
To: Lefebvre, Lindsey E CIV USARMY CENAE (US) <[Lindsey.E.Lefebvre@usace.army.mil](mailto:Lindsey.E.Lefebvre@usace.army.mil)>  
Subject: [EXTERNAL] SRP CP meeting

Hi Lindsey,

I forwarded the meeting invite to the project team.

Thanks,

Mark

Mark Doperalski, M.A., RPA

Cultural Resources Specialist

13 Legends Drive

Hooksett, NH 03106

603.479.1088 (cell)

603.634.2147 (office)

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**From:** Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
**Sent:** Tuesday, October 03, 2017 8:32 PM  
**To:** Mark Doperalski  
**Subject:** RE: Mitigation Meeting-Historical Properties Seacoast Reliability Project

"EXTERNAL EMAIL SENDER: Do not click on links or attachments if sender is unknown or if the email is unexpected from someone you know, and never provide a user ID or password."

---

Hi Mark,

I sent Lulu an email to let her know about the meeting. I will keep you posted with her response.

Lindsey

-----Original Message-----

From: Mark Doperalski [mailto:mark.doperalski@eversource.com]  
Sent: Tuesday, October 03, 2017 2:26 PM  
To: Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
Subject: [EXTERNAL] FW: Mitigation Meeting-Historical Properties Seacoast Reliability Project

Hi Lindsey,

Please see the message from Nadine below.

Mark

Mark Doperalski, M.A., RPA

Cultural Resources Specialist

13 Legends Drive

Hooksett, NH 03106

603.479.1088 (cell)

603.634.2147 (office)

mark.doperalski@eversource.com <mailto:mark.doperalski@eversource.com>

From: Miller, Nadine [mailto:Nadine.Miller@nh.gov]  
Sent: Tuesday, October 03, 2017 10:20 AM  
To: Mark Doperalski <mark.doperalski@eversource.com>  
Subject: RE: Mitigation Meeting-Historical Properties Seacoast Reliability Project

"EXTERNAL EMAIL SENDER: Do not click on links or attachments if sender is unknown or if the email is unexpected from someone you know, and never provide a user ID or password."

---

Mark:

I had assumed that Lulu had been invited to the meeting. Can you confirm? She needs to be there for the discussion regarding her property and it appears that she has not been notified of tomorrow's meeting. I'm not sure if she will be free then or how to go about correcting this situation.

Thanks for your help,

Nadine

---

Nadine Miller

Preservation Project Reviewer

NH Division of Historical Resources

NH Department of Natural and Cultural Resources

603-271-6628

Blockedwww.nh.gov/nhdhr <Blockedhttp://www.nh.gov/nhdhr>

\*\*\* new email \*\*\* nadine.miller@nh.gov <mailto:nadine.miller@nh.gov>

Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.

From: Lulu Pickering [mailto:pickering@informagen.com]  
Sent: Monday, October 02, 2017 7:31 PM  
To: Miller, Nadine  
Cc: Helen Frink  
Subject: Re: Mitigation Meeting-Historical Properties Seacoast Reliability Project

Hi Nadine,

I haven't received any information about the historic mitigation meeting for the Eversource project.

Can you please give me an update about what is happening? I very much want to attend the meeting.

All the best,

lulu

On Sep 12, 2017, at 9:20 AM, Miller, Nadine <Nadine.Miller@nh.gov <mailto:Nadine.Miller@nh.gov> > wrote:

Lulu,

I requested through Eversource that you be invited to attend the meeting since your property is one of those affected.

Nadine

---

Nadine Miller

Preservation Project Reviewer

NH Division of Historical Resources

NH Department of Natural and Cultural Resources

603-271-6628

Blockedwww.nh.gov/nhdhr <Blockedhttps://urldefense.proofpoint.com/v2/url?u=http-3A\_\_www.nh.gov\_nhdhr&d=DwMFAg&c=Rt9MH7x8aPAwEY3f-URIJch7v0PDyVhHmVdpquKSoc0&r=ZXjBhqt5hPC0ypXprJAv36Ar1ZK1cpDBsl3H9KI66bl&m=YghUIOYBdPahPiVX37nmX3lpEjugP2n1xWbvcUbufuY&s=K2k12WJt7jT4y-9St-Gs2BdphIq3P0-MSDvSDNzl0nQ&e=>

\*\*\* new email \*\*\* nadine.miller@nh.gov <mailto:nadine.miller@nh.gov>

Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.

From: Lulu Pickering [mailto:pickering@informagen.com <mailto:pickering@informagen.com> ]  
Sent: Monday, September 11, 2017 6:00 PM  
To: Miller, Nadine; Lindsey.E.Lefebvre@usace.army.mil <mailto:Lindsey.E.Lefebvre@usace.army.mil>  
Cc: Helen Frink  
Subject: Fwd: Mitigation Meeting-Historical Properties Seacoast Reliability Project

Hi Lindsey and Nadine,

I would like to be included in the meeting for the discussion about mitigation of historic properties under the Seacoast Reliability Project.

DHR's August 2017 report listed only 2 properties in Newington as being adversely impacted by this project - the Terminal Cable House (Beswick) and the Alfred Pickering Farm, which is eligible for listing on the Historic Register. The Frink Farm is listed as having an adverse impact only if environmental issues are found to be an issue. Helen Frink has pointed out, however, that the proposed transition structure is on the Frink Farm and should be addressed.

Lindsey never responded to the email I sent a couple of weeks ago about attending this meeting. Can you let me know who qualifies as a "consulting party" as indicated by Lindsey Lefebvre's email below? I am listed as one of the interested parties on the service list for this project, along with John Frink and Sally Frink Ryder. The other categories on the service list include Committee Members, Committee Staff, Parties, and Intervenors.

Since I am on the service list and there are only 3 Newington historic properties with adverse effects, and our farm is one of them, I am not sure why I am not part of this meeting. I am not the "public" but an involved party.

All the best,

Lulu Pickering

Alfred Pickering Farm

Newington NH

Begin forwarded message:

From: "Frink, Helen" <hfrink@keene.edu <mailto:hfrink@keene.edu> >

Subject: Fw: Mitigation Meeting-Historical Properties Seacoast Reliability Project

Date: September 11, 2017 at 4:40:59 PM EDT

To: "pickering@informagen.com <mailto:pickering@informagen.com> " <pickering@informagen.com <mailto:pickering@informagen.com> >



---

From: Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil  
<mailto:Lindsey.E.Lefebvre@usace.army.mil> >  
Sent: Friday, September 8, 2017 10:51 AM  
To: denisann@comcast.net <mailto:denisann@comcast.net> ; JDFRINK53@comcast.net  
<mailto:JDFRINK53@comcast.net> ; Frink, Helen; onebyke2ryders@gmail.com <mailto:onebyke2ryders@gmail.com>  
Subject: RE: Mitigation Meeting-Historical Properties Seacoast Reliability Project

Hello,

I heard back from DHR and it looks like the two potential dates are October 2 or October 4. Please let me know which works best for you. We will most likely be meeting in Portsmouth. Eversource will confirm a location once we decide on a date.

Also, please note this is NOT a public meeting. This is a working meeting with the consulting parties, DHR and Eversource to discuss how the impacts to the historical properties that are adversely affected will be mitigated. We will NOT be discussing any other aspects of the project including environmental impacts.

Thank you,

Lindsey Lefebvre  
US Army Corps of Engineers  
New England District  
696 Virginia Rd  
Concord, MA 01742  
(978)-318-8295

-----Original Message-----

From: Lefebvre, Lindsey E CIV USARMY CENAE (US)  
Sent: Friday, August 25, 2017 2:53 PM  
To: 'denisann@comcast.net <mailto:denisann@comcast.net>' <denisann@comcast.net  
<mailto:denisann@comcast.net> >; 'JDFRINK53@comcast.net <mailto:JDFRINK53@comcast.net>'  
<JDFRINK53@comcast.net <mailto:JDFRINK53@comcast.net> >; 'hfrink@keene.edu <mailto:hfrink@keene.edu>'  
<hfrink@keene.edu <mailto:hfrink@keene.edu> >; 'onebyke2ryders@gmail.com <mailto:onebyke2ryders@gmail.com>'  
<onebyke2ryders@gmail.com <mailto:onebyke2ryders@gmail.com> >; 'Miller, Nadine' <Nadine.Miller@dcr.nh.gov  
<mailto:Nadine.Miller@dcr.nh.gov> >  
Cc: 'Sarah Allen' <sallen@normandeau.com <mailto:sallen@normandeau.com> >; 'mark.doperalski@eversource.com  
<mailto:mark.doperalski@eversource.com>' <mark.doperalski@eversource.com  
<mailto:mark.doperalski@eversource.com> >  
Subject: Mitigation Meeting-Historical Properties Seacoast Reliability Project

Hello Everyone,

We are trying to schedule a meeting to discuss mitigation options for the historical properties affected along the Seacoast Reliability Project.

Will Thursday, September 14th work for everyone? If not, please let me know your availability. Location TBD.

Thank you,

Lindsey Lefebvre  
US Army Corps of Engineers  
New England District  
696 Virginia Rd  
Concord, MA 01742  
(978)-318-8295

---

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**From:** Miller, Nadine <Nadine.Miller@nh.gov>  
**Sent:** Wednesday, October 04, 2017 9:07 AM  
**To:** Mark Doperalski  
**Subject:** RE: Mitigation Meeting-Historical Properties Seacoast Reliability Project

"EXTERNAL EMAIL SENDER: Do not click on links or attachments if sender is unknown or if the email is unexpected from someone you know, and never provide a user ID or password."

---

I got a response from Lulu that she is able to attend today, so hopefully that will all work out.  
See you later,  
Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

\*\*\* new email \*\*\* [nadine.miller@nh.gov](mailto:nadine.miller@nh.gov)

Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.

---

**From:** Mark Doperalski [mailto:[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)]  
**Sent:** Tuesday, October 03, 2017 2:49 PM  
**To:** Miller, Nadine  
**Subject:** RE: Mitigation Meeting-Historical Properties Seacoast Reliability Project

Hi Nadine,

I passed along your message to Lindsey at the USACE. I'll let you know if she responds to me or maybe she'll contact you directly. As you know, it's the Corps meeting and it's their decision on who they want to invite, which if what you say is correct, it sounds like they only invited the CPs. That said, I did inform Lindsey of the DHR's desire to have the DHA, Lulu, and Rhonda at the meeting and I passed along the contact information for the DHA, Lulu, and Rhonda in an email dated 08/22/2017. May be her superiors told her to only invite the CPs.

If Lulu is not invited to this meeting, then I suppose the easiest way to rectify the situation is for Lulu to meet with the DHR one on one to gain her input and finalize the appropriate mitigation measure.

Thanks,

Mark

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

**EVERSOURCE**

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

---

**From:** Miller, Nadine [<mailto:Nadine.Miller@nh.gov>]  
**Sent:** Tuesday, October 03, 2017 10:20 AM  
**To:** Mark Doperalski <[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)>  
**Subject:** RE: Mitigation Meeting-Historical Properties Seacoast Reliability Project

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Mark:

I had assumed that Lulu had been invited to the meeting. Can you confirm? She needs to be there for the discussion regarding her property and it appears that she has not been notified of tomorrow's meeting. I'm not sure if she will be free then or how to go about correcting this situation.

Thanks for your help,  
Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

\*\*\* new email \*\*\* [nadine.miller@nh.gov](mailto:nadine.miller@nh.gov)

Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.

---

**From:** Lulu Pickering [<mailto:pickering@informagen.com>]  
**Sent:** Monday, October 02, 2017 7:31 PM  
**To:** Miller, Nadine  
**Cc:** Helen Frink  
**Subject:** Re: Mitigation Meeting-Historical Properties Seacoast Reliability Project

Hi Nadine,

I haven't received any information about the historic mitigation meeting for the Eversource project.

Can you please give me an update about what is happening? I very much want to attend the meeting.

All the best,

lulu

On Sep 12, 2017, at 9:20 AM, Miller, Nadine <[Nadine.Miller@nh.gov](mailto:Nadine.Miller@nh.gov)> wrote:

Lulu,

I requested through Eversource that you be invited to attend the meeting since your property is one of those affected.

Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

\*\*\* new email \*\*\* [nadine.miller@nh.gov](mailto:nadine.miller@nh.gov)

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---

**From:** Lulu Pickering [<mailto:pickering@informagen.com>]  
**Sent:** Monday, September 11, 2017 6:00 PM  
**To:** Miller, Nadine; [Lindsey.E.Lefebvre@usace.army.mil](mailto:Lindsey.E.Lefebvre@usace.army.mil)  
**Cc:** Helen Frink  
**Subject:** Fwd: Mitigation Meeting-Historical Properties Seacoast Reliability Project

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All the best,

Lulu Pickering  
Alfred Pickering Farm

Newington NH

Begin forwarded message:

**From:** "Frink, Helen" <[hfrink@keene.edu](mailto:hfrink@keene.edu)>  
**Subject:** Fw: Mitigation Meeting-Historical Properties Seacoast Reliability Project  
**Date:** September 11, 2017 at 4:40:59 PM EDT  
**To:** "[pickering@informagen.com](mailto:pickering@informagen.com)" <[pickering@informagen.com](mailto:pickering@informagen.com)>

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**From:** Lefebvre, Lindsey E CIV USARMY CENAE (US) <[Lindsey.E.Lefebvre@usace.army.mil](mailto:Lindsey.E.Lefebvre@usace.army.mil)>  
**Sent:** Friday, September 8, 2017 10:51 AM  
**To:** [denisann@comcast.net](mailto:denisann@comcast.net); [JDFRINK53@comcast.net](mailto:JDFRINK53@comcast.net); Frink, Helen; [onebyke2ryders@gmail.com](mailto:onebyke2ryders@gmail.com)  
**Subject:** RE: Mitigation Meeting-Historical Properties Seacoast Reliability Project

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Thank you,

Lindsey Lefebvre  
US Army Corps of Engineers  
New England District  
696 Virginia Rd  
Concord, MA 01742  
(978)-318-8295

-----Original Message-----

**From:** Lefebvre, Lindsey E CIV USARMY CENAE (US)  
**Sent:** Friday, August 25, 2017 2:53 PM  
**To:** '[denisann@comcast.net](mailto:denisann@comcast.net)' <[denisann@comcast.net](mailto:denisann@comcast.net)>; '[JDFRINK53@comcast.net](mailto:JDFRINK53@comcast.net)' <[JDFRINK53@comcast.net](mailto:JDFRINK53@comcast.net)>; '[hfrink@keene.edu](mailto:hfrink@keene.edu)' <[hfrink@keene.edu](mailto:hfrink@keene.edu)>; '[onebyke2ryders@gmail.com](mailto:onebyke2ryders@gmail.com)' <[onebyke2ryders@gmail.com](mailto:onebyke2ryders@gmail.com)>; 'Miller, Nadine' <[Nadine.Miller@dcr.nh.gov](mailto:Nadine.Miller@dcr.nh.gov)>  
**Cc:** 'Sarah Allen' <[sallen@normandeau.com](mailto:sallen@normandeau.com)>; '[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)' <[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)>  
**Subject:** Mitigation Meeting-Historical Properties Seacoast Reliability Project

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US Army Corps of Engineers  
New England District  
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Concord, MA 01742  
(978)-318-8295

---

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**From:** Mark Doperalski  
**Sent:** Tuesday, October 17, 2017 11:47 AM  
**To:** 'Miller, Nadine'  
**Cc:** Dena M. Champy  
**Subject:** SRP  
**Attachments:** Exhibit 20A\_Monopole-revised April 28 2017.pdf

Hi Nadine,

It turns out the view sim that you and the CPs requested, looking down the corridor from the intersection of Nimble Hill Road and Hannah Lane, had already been created by the project back in April of 2017. It is attached.

I also confirmed with Normandeau that the error in the HD boundary on the mapping is due to the use of the HD boundary area represented in the NH GRANIT layer files. The correct boundary is documented on the actual area form and was considered when the effects table was drafted. The mapping clearly states the data is from NH GRANIT, not the NH DHR or from the project consultant's data.

Please let me know if you need any additional information.

Thank you,

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

**EVERSOURCE**

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)





View Location Map



**Simulation Information**

**Base Photograph**

Date: 7/31/15  
 Time: 5:09 pm  
 Weather conditions: Partly cloudy  
 Image Size: 5472 x 3648 pixels

**Camera Properties**

Camera Make/Model: Canon EOS 6D  
 Sensor Dimensions: 35.8mm x 23.9mm  
 Lens Make/Model: Canon EF 50mm  
 Lens Focal Length: 50mm  
 Focal Length (35mm Equivalent): 52mm  
 Approx. Angle of View: 40° horizontal, 27° vertical  
 Camera Height: 5 ft (1.5 meters)

**View Location Information**

View Location Name: Frink Property  
 Location: Nimble Hill Rd & Hannah Ln, Newington, NH  
 Orientation: West  
 Latitude/Longitude: 43.101704°, -70.832699°  
 Camera elevation above sea level: 69.00 ft (21.03 m)  
 Simulation viewing distance: 21.3 in (54.102 cm)  
 Distance to nearest visible structure: .27 miles (.43 km)  
 Distance to furthest visible structure: .59 miles (.95 km)

**Transmission Line Information**

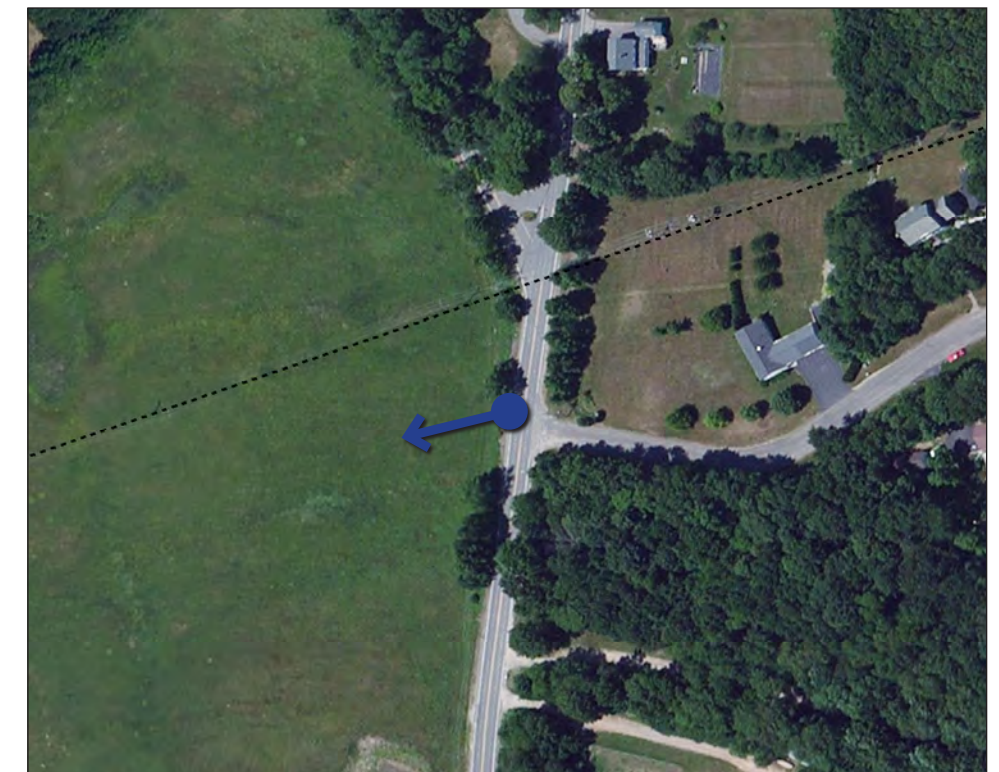
Visible structure type: Weathering steel Monopole and H-Frame  
 Visible structure numbers: F107-106 - F107-109  
 Height range of proposed transmission structures (visible): 65.0 ft (19.8 m) - 75.0 ft (22.8 m)  
 Height range of existing transmission structures (visible): N/A  
 Right of way width: 100 ft

**Visual Simulation Notes:**

1. Visual simulation is based on GIS data available at the time from USGS National Elevation Data Set and Eversource. Data is only as accurate as the original source and is not guaranteed by LandWorks.
2. Simulation is based upon a preliminary design. Exact structure height, location and color will be finalized during the detail design and permitting process.

**Technical Information**

Software: ArcGIS ArcMap 10; Nemetschek VectorWorks 2015; SketchUp Pro 8; Adobe Photoshop CS5  
 Digital elevation data source: USGS National Elevation Dataset 1/3 Arc-Second (NED 1/3)



Aerial Context Map





(SHEET 2 OF 3)  
**EXHIBIT 20A: EXISTING CONDITIONS AT FRINK FARM AT NIMBLE HILL ROAD & HANNAH LANE, NEWINGTON, NH**  
SEACOAST RELIABILITY PROJECT VISUAL ASSESSMENT  
April 2017



**From:** Mark Doperalski  
**Sent:** Tuesday, October 17, 2017 2:52 PM  
**To:** 'Miller, Nadine'; Todd Selig (tselig@ci.durham.nh.us); Janet Mackie (janet.mackie@comcast.net); 'nancy.sandberg@comcast.net'; Feighner, Edna  
**Subject:** RE: Seacoast Reliability Project meeting

Hi Nadine,

That time and date works for me.

Thanks,

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

**EVERSOURCE**

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

---

**From:** Miller, Nadine [<mailto:Nadine.Miller@nh.gov>]  
**Sent:** Tuesday, October 17, 2017 2:34 PM  
**To:** Todd Selig ([tselig@ci.durham.nh.us](mailto:tselig@ci.durham.nh.us)) <[tselig@ci.durham.nh.us](mailto:tselig@ci.durham.nh.us)>; Janet Mackie ([janet.mackie@comcast.net](mailto:janet.mackie@comcast.net)) <[janet.mackie@comcast.net](mailto:janet.mackie@comcast.net)>; 'nancy.sandberg@comcast.net' <[nancy.sandberg@comcast.net](mailto:nancy.sandberg@comcast.net)>; Mark Doperalski <[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)>; Feighner, Edna <[Edna.Feighner@nh.gov](mailto:Edna.Feighner@nh.gov)>  
**Subject:** Seacoast Reliability Project meeting

"EXTERNAL EMAIL SENDER: Do not click on links or attachments if sender is unknown or if the email is unexpected from someone you know, and never provide a user ID or password."

---

Dear All:

Todd relayed concerns from the DHA regarding the Seacoast Reliability Project and the meeting on October 4<sup>th</sup>. I'm sorry that the message to include the DHA in the meeting was somehow lost in translation, but we would welcome a follow up meeting to discuss your concerns.

I am attaching information that Eversource provided regarding protocol for work in and around the stone walls in the two districts for your use.

DHR staff are available on Friday, October 27<sup>th</sup> at 10:00 at the Town Offices (Todd says that Town is happy to host us). Is this date/time acceptable to everyone?

Thanks,

Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

\*\*\* new email \*\*\* [nadine.miller@nh.gov](mailto:nadine.miller@nh.gov)

Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.

**From:** Miller, Nadine <Nadine.Miller@nh.gov>  
**Sent:** Thursday, October 19, 2017 10:58 AM  
**To:** Mark Doperalski  
**Subject:** SRP meeting

"EXTERNAL EMAIL SENDER: Do not click on links or attachments if sender is unknown or if the email is unexpected from someone you know, and never provide a user ID or password."

---

Got your email. Had already asked Edna and she will be attending with me ☺  
Thanks for your call.  
Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdr](http://www.nh.gov/nhdr)

\*\*\* new email \*\*\* [nadine.miller@nh.gov](mailto:nadine.miller@nh.gov)

Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.

**From:** Nancy Sandberg <nancy.sandberg@comcast.net>  
**Sent:** Thursday, October 19, 2017 7:43 PM  
**To:** Miller, Nadine  
**Cc:** Todd Selig; Janet Mackie; Mark Doperalski; Feighner, Edna; Douglas L. Patch  
**Subject:** Re: Seacoast Reliability Project meeting

"EXTERNAL EMAIL SENDER: Do not click on links or attachments if sender is unknown or if the email is unexpected from someone you know, and never provide a user ID or password."

---

Hello All,

Janet Mackie and I will plan to attend the October 27th meeting at the Durham town hall at 10am. This week we received a copy of Mark Doperalski's letter about proposed plans to protect some of Durham's historic resources, apparently discussed at the October 4th meeting by the US Army Corps of Engineers, the NH Division of Historic Resources, and some people from Newington.

Before the October 27th meeting, we will need Mark Doperalski, the archaeologist at Eversource, to send a copy of their map showing the codes assigned to each stone wall or other historic resource in the Durham segment of the project corridor. Apparently Eversource has prepared a map with an alphanumeric identifier for each of the historic resources they identified. The ability for all of us be on the same page regarding the location of each historic resource, we believe, will make for a more productive meeting.

We look forward with interest to hearing the plan proposed by Eversource for the protection of Durham's historic resources.

Regards,

Nancy

On Oct 17, 2017, at 2:33 PM, Miller, Nadine <[Nadine.Miller@nh.gov](mailto:Nadine.Miller@nh.gov)> wrote:

Dear All:

Todd relayed concerns from the DHA regarding the Seacoast Reliability Project and the meeting on October 4<sup>th</sup>. I'm sorry that the message to include the DHA in the meeting was somehow lost in translation, but we would welcome a follow up meeting to discuss your concerns.

I am attaching information that Eversource provided regarding protocol for work in and around the stone walls in the two districts for your use.

DHR staff are available on Friday, October 27<sup>th</sup> at 10:00 at the Town Offices (Todd says that Town is happy to host us). Is this date/time acceptable to everyone?

Thanks,  
Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

\*\*\* new email \*\*\* [nadine.miller@nh.gov](mailto:nadine.miller@nh.gov)

Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.

<SRP\_AvoidanceMinimizationMemo\_07-26-2017.pdf>



**From:** Mark Doperalski  
**Sent:** Friday, October 20, 2017 8:16 AM  
**To:** 'Nancy Sandberg'; Miller, Nadine  
**Cc:** Todd Selig; Janet Mackie; Feighner, Edna; Douglas L. Patch  
**Subject:** RE: Seacoast Reliability Project meeting  
**Attachments:** SRP\_ConstructionPublic\_072517.pdf

Hi Nancy,

Attached is the map set referenced in the avoidance and minimization memo you received earlier this week.

I am looking forward to meeting with you next Friday.

Sincerely,

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

**EVERSOURCE**

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

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**From:** Nancy Sandberg [<mailto:nancy.sandberg@comcast.net>]  
**Sent:** Thursday, October 19, 2017 7:43 PM  
**To:** Miller, Nadine <[Nadine.Miller@nh.gov](mailto:Nadine.Miller@nh.gov)>  
**Cc:** Todd Selig <[tselig@ci.durham.nh.us](mailto:tselig@ci.durham.nh.us)>; Janet Mackie <[janet.mackie@comcast.net](mailto:janet.mackie@comcast.net)>; Mark Doperalski <[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)>; Feighner, Edna <[Edna.Feighner@nh.gov](mailto:Edna.Feighner@nh.gov)>; Douglas L. Patch <[DPatch@orr-reno.com](mailto:DPatch@orr-reno.com)>  
**Subject:** Re: Seacoast Reliability Project meeting

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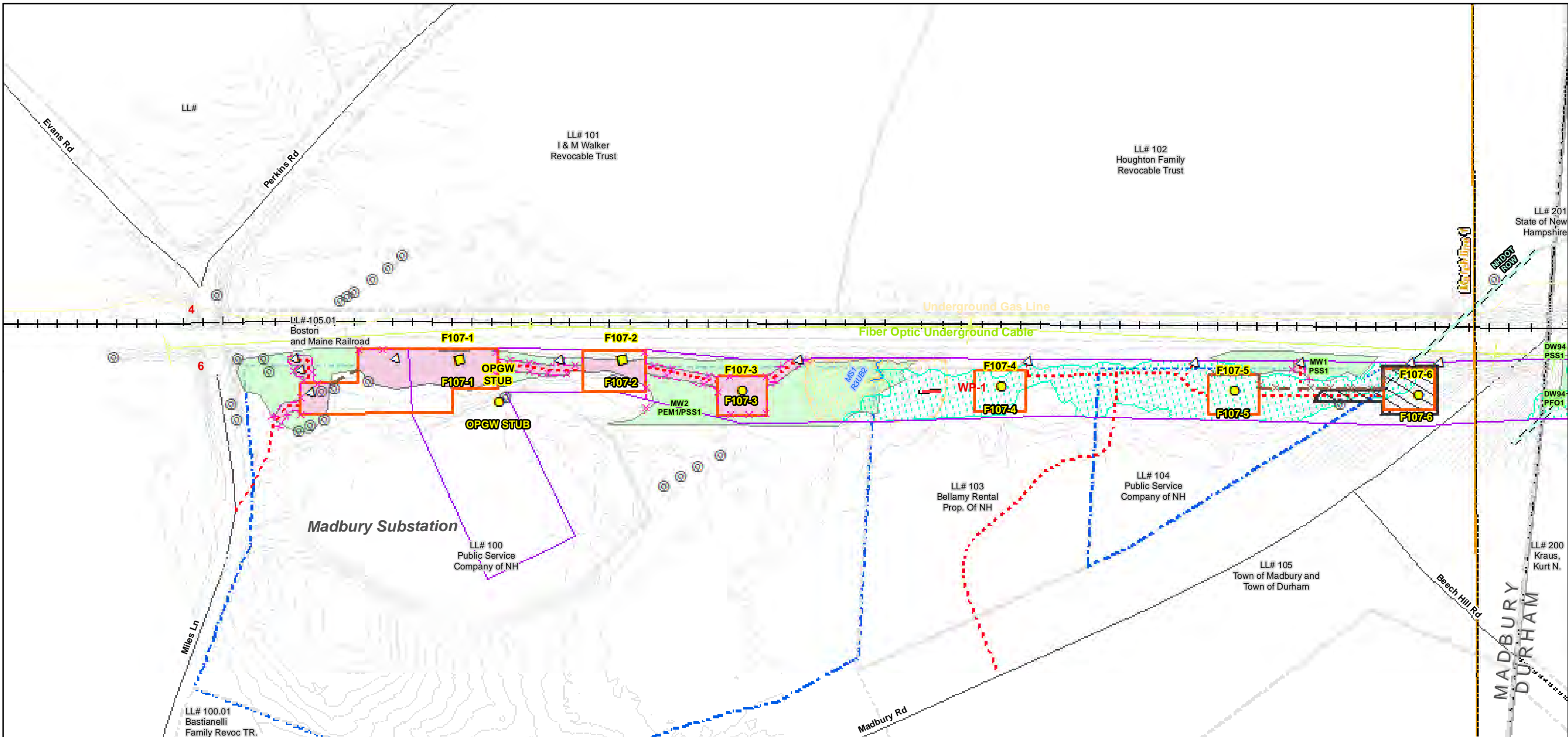
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Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
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\*\*\* new email \*\*\* [nadine.miller@nh.gov](mailto:nadine.miller@nh.gov)

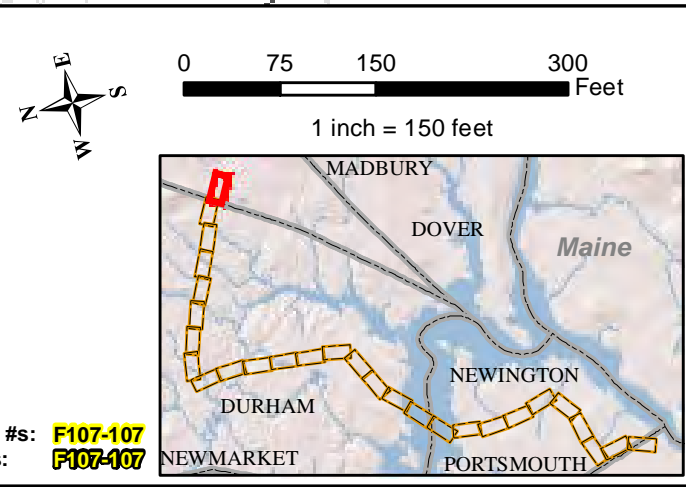
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<SRP\_AvoidanceMinimizationMemo\_07-26-2017.pdf>



Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

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Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #s: **F107-107**  
 Permitting Structure #s: **F107-107**

**EVERSOURCE**  
ENERGY

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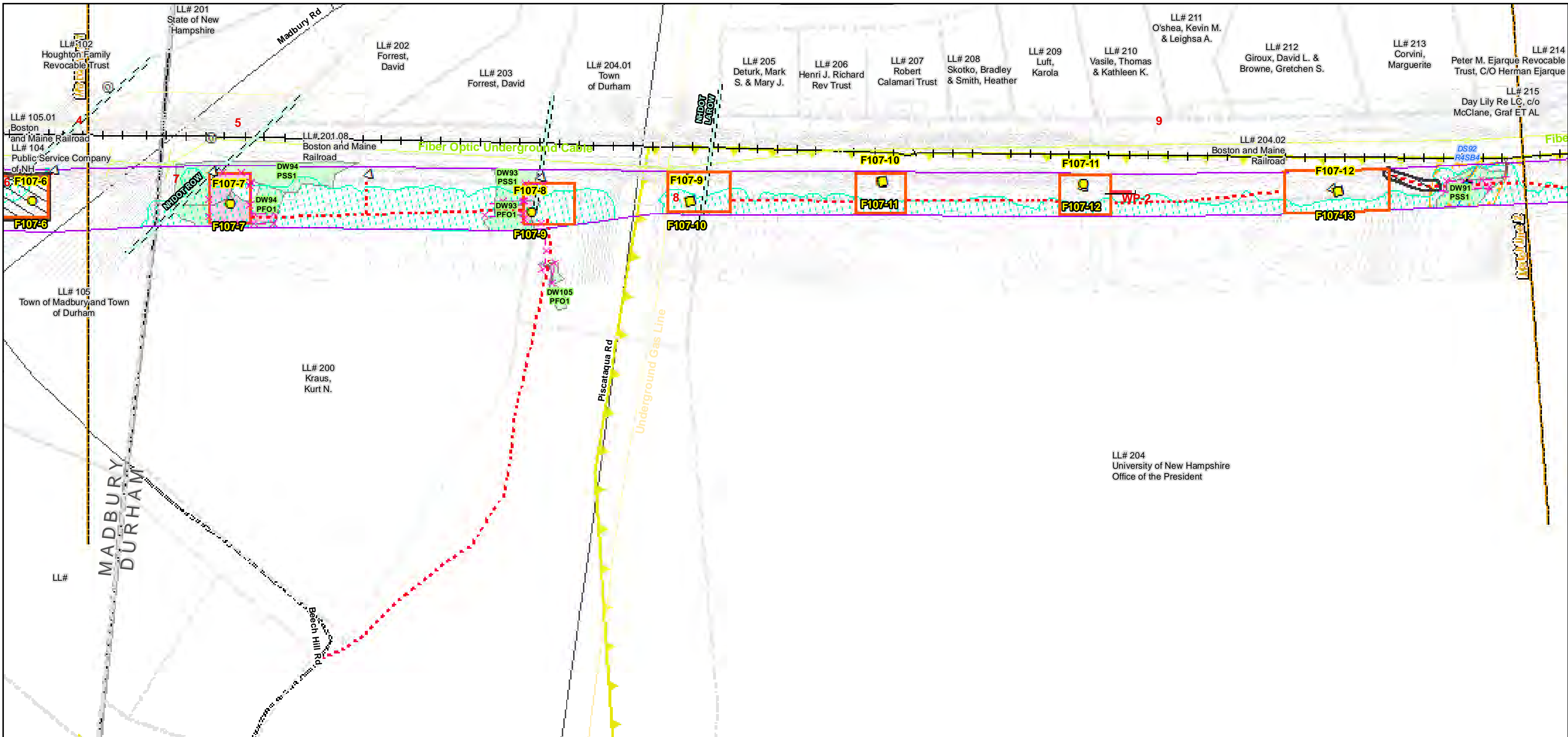
**NORMANDEAU ASSOCIATES**  
Environmental Consultants

**Seacoast Reliability Project**

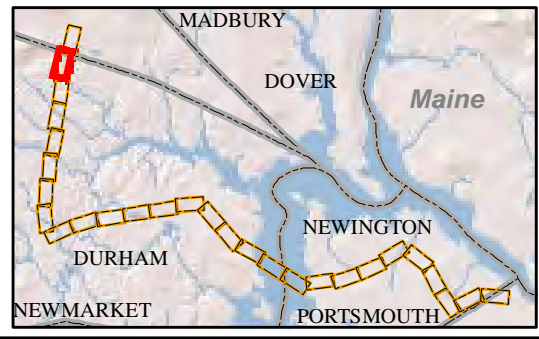
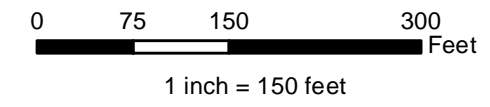
**Construction Access Plans**

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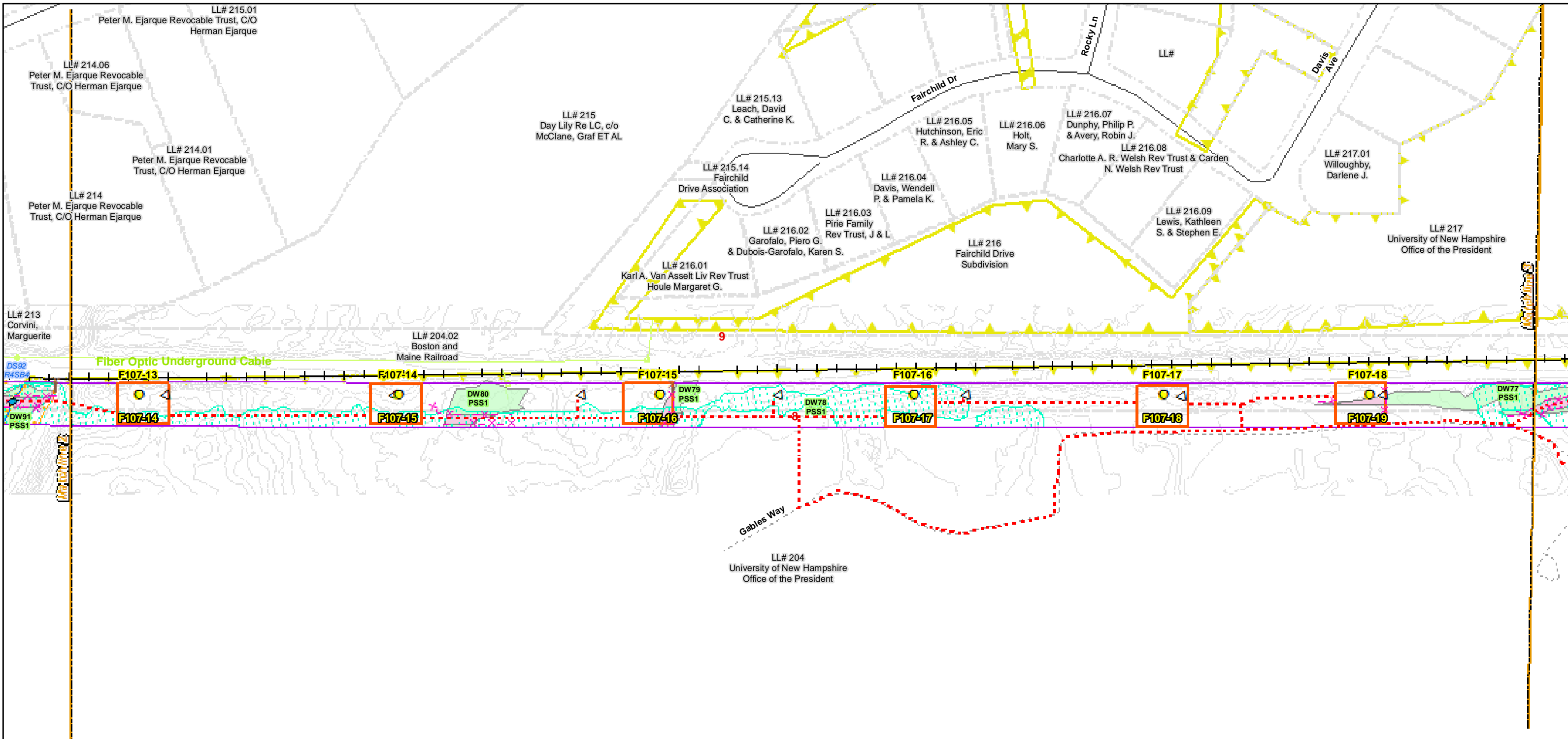
**For Pre-Bid**



<p>Date : 7/26/2017</p> <p>Drawn By: dpelletier</p> <p>Project No: 22860.003</p>	<p><b>Town Boundary</b></p> <p><b>Approximate Parcel Boundary</b></p> <p><b>PSNH Fee Area</b></p> <p><b>Work Pad</b></p> <p><b>Roads</b></p> <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Access Roads</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetlands Impact</li> <li>Stream Centerline</li> <li>Stream Top of Bank</li> </ul>	<ul style="list-style-type: none"> <li>Temporary Culvert</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Designated River Buffer 250'</li> <li>Tree Clearing</li> <li>2ft Contour</li> <li>Stonewall alignment</li> <li>Historic Districts</li> </ul>	<p>Parcel boundary and owner data were acquired from municipal databases as of May 2016.</p> <p>Construction Structure #s: <b>F107-107</b></p> <p>Permitting Structure #s: <b>F107-107</b></p>
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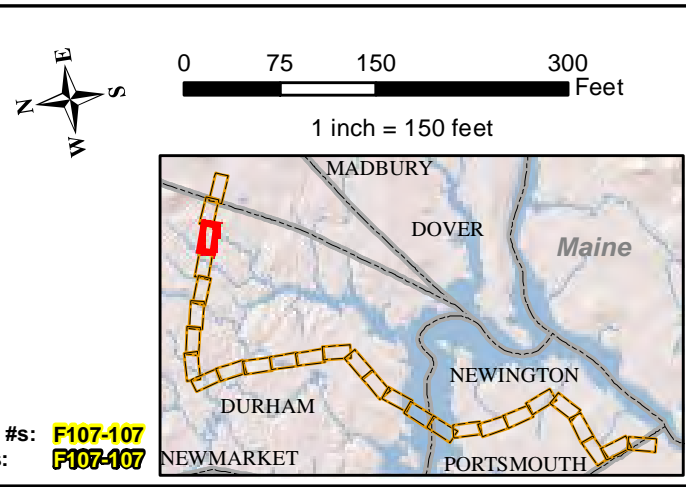


<p><b>EVERSOURCE</b> ENERGY</p>	<p><b>Seacoast Reliability Project</b></p> <p><b>Construction Access Plans</b></p>
<p><b>NORMANDEAU ASSOCIATES</b> Environmental Consultants</p>	<p><b>For Pre-Bid</b></p>



Date : 7/26/2017  
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Railroad		



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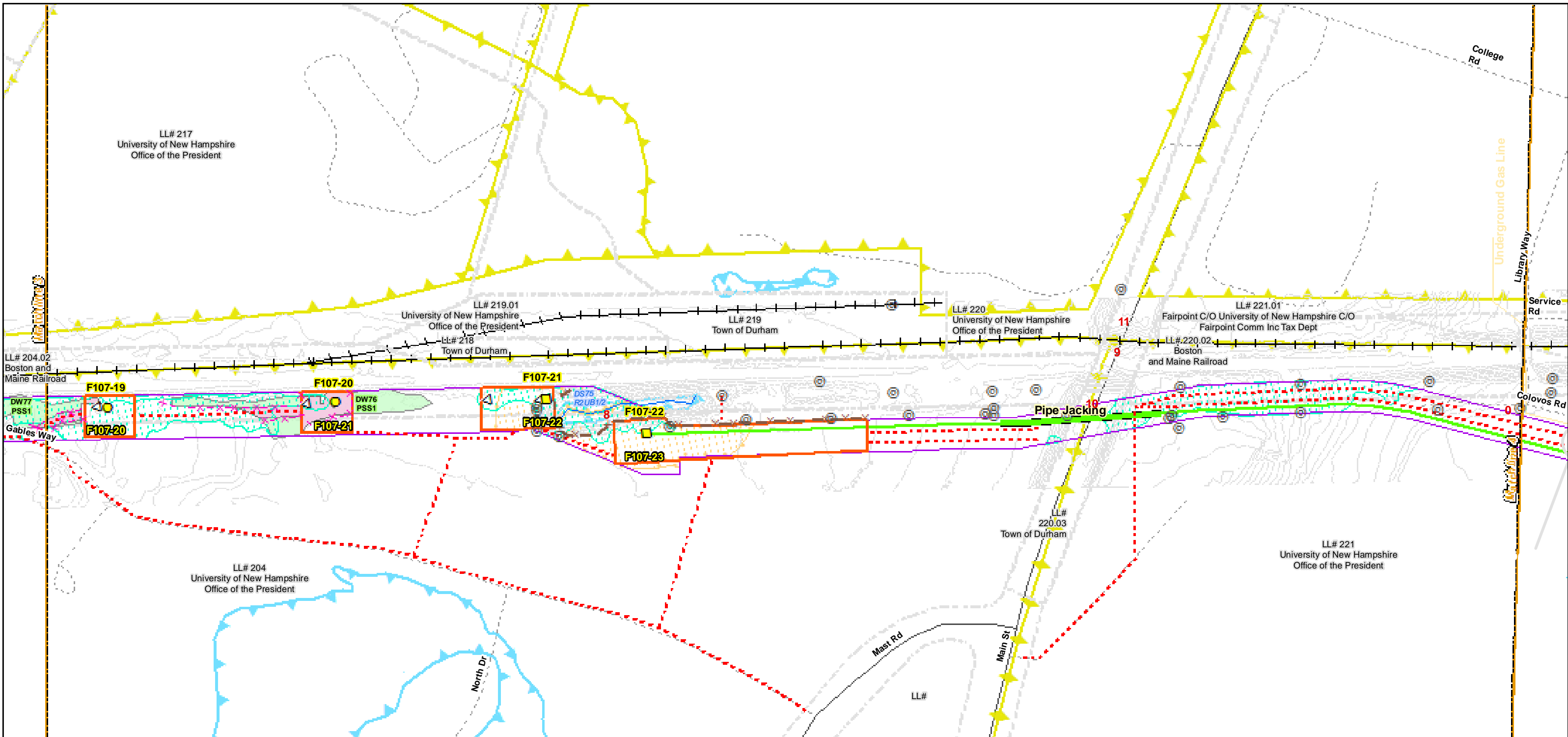
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**Seacoast Reliability Project**

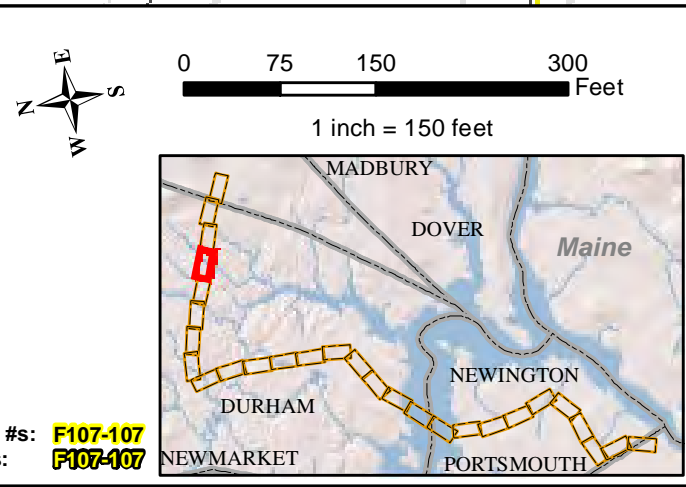
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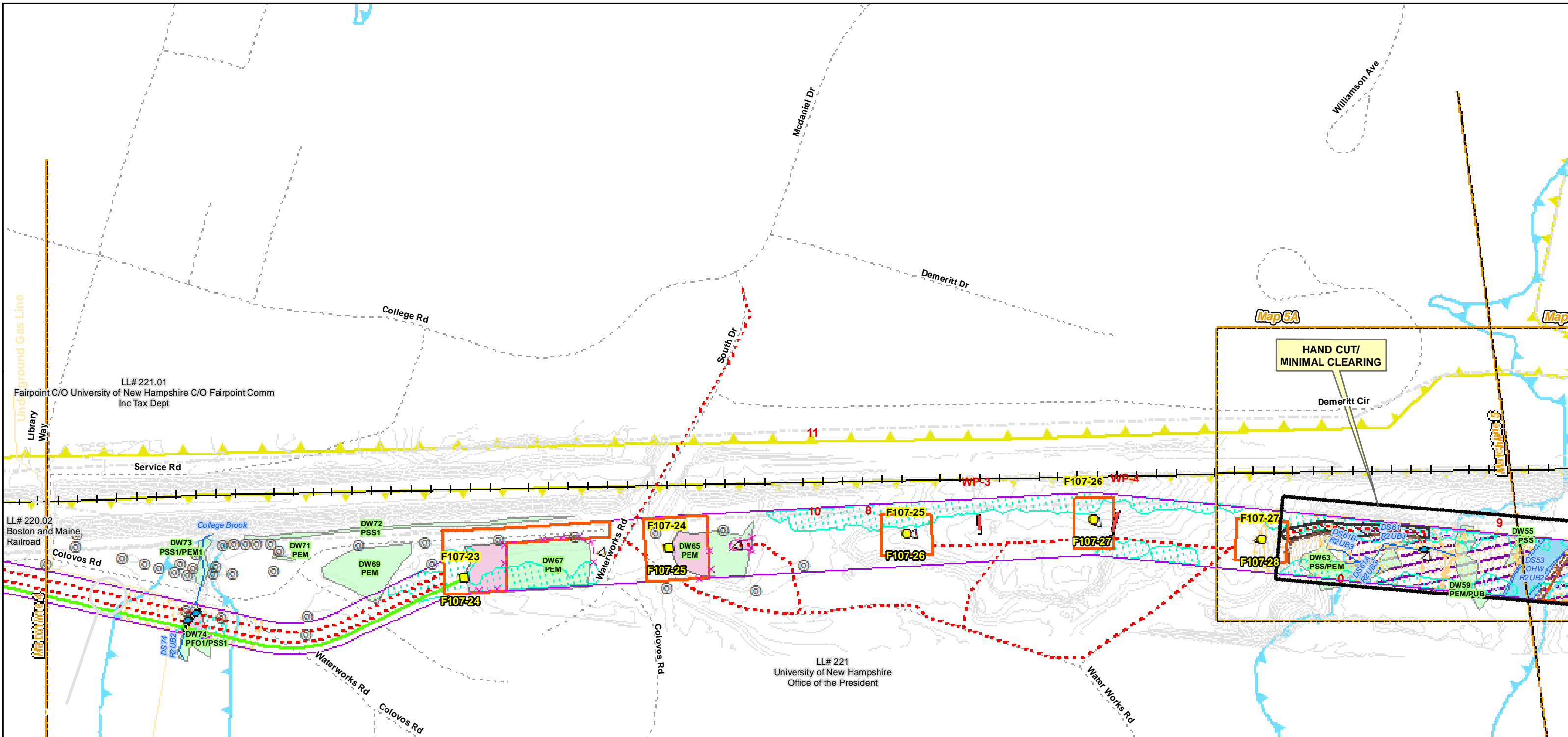
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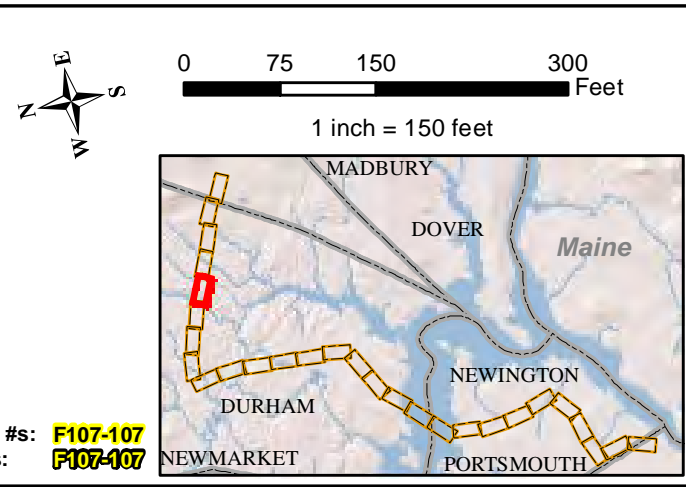
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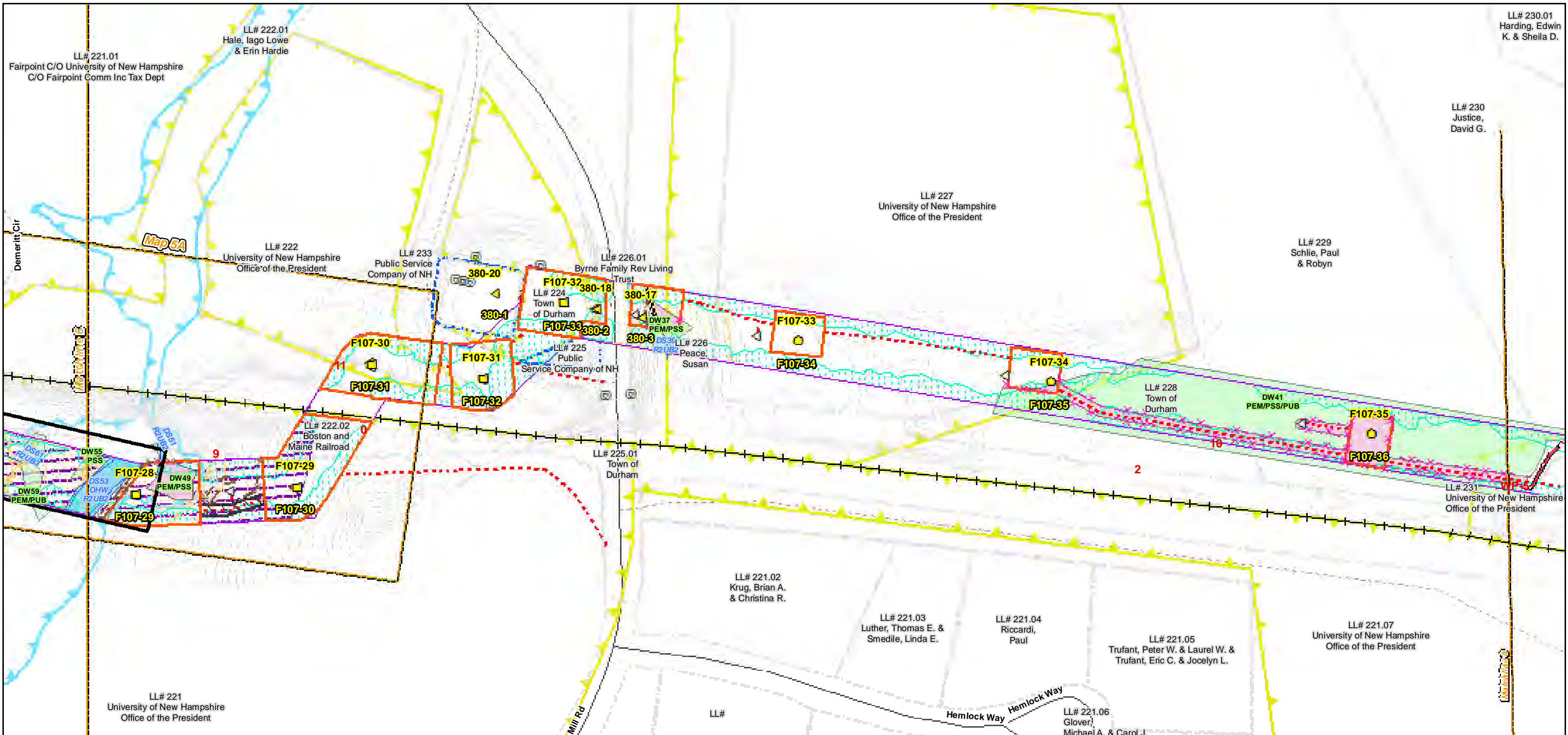
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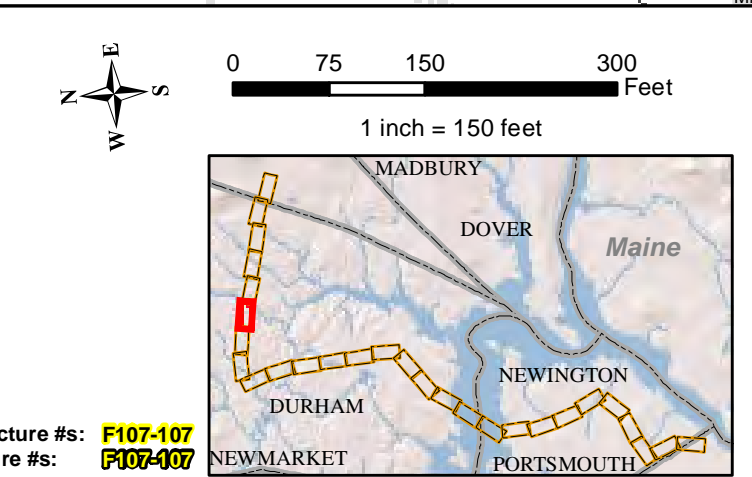
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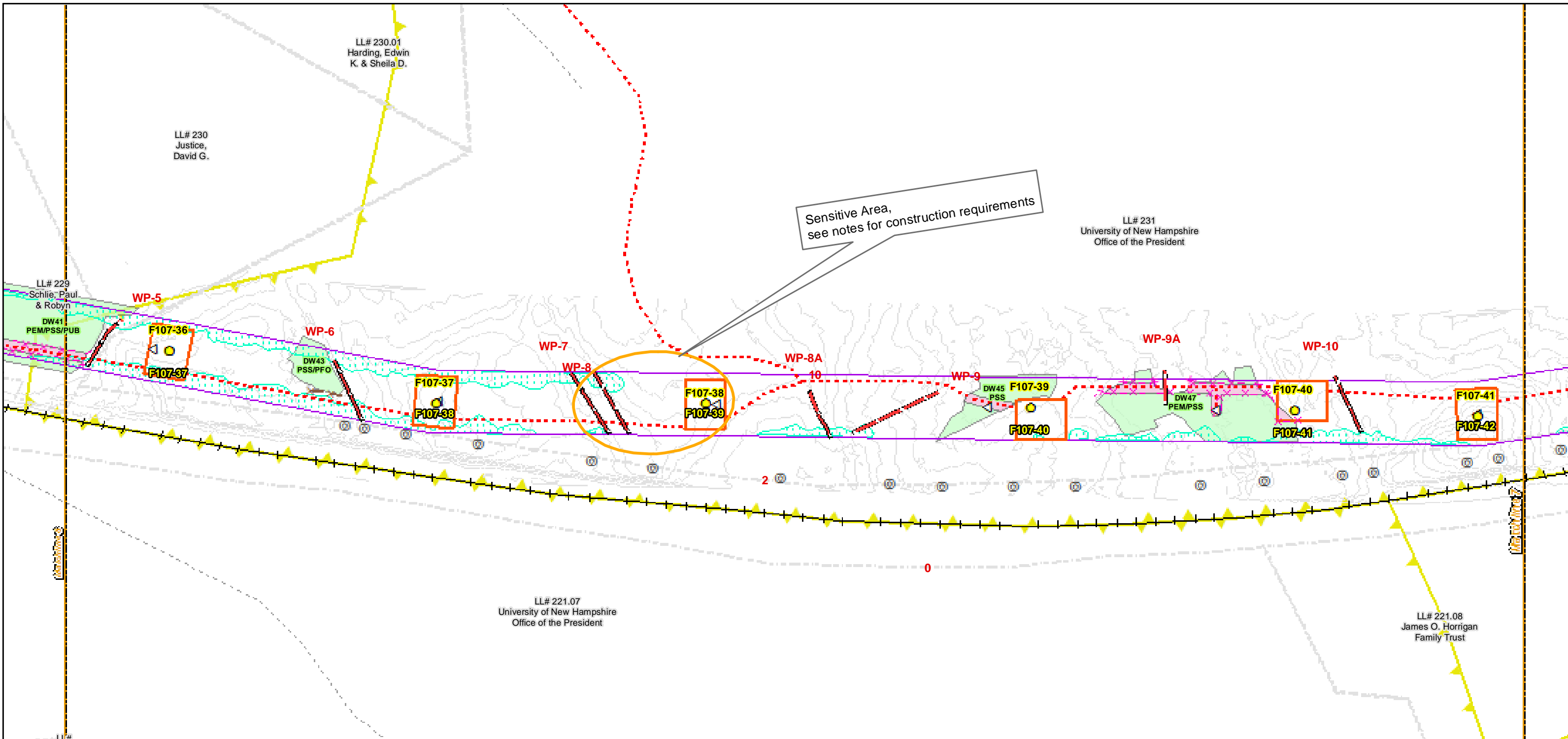
**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**

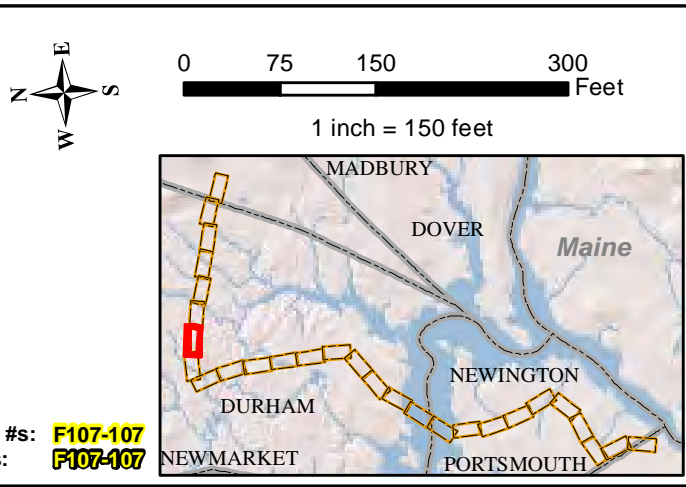
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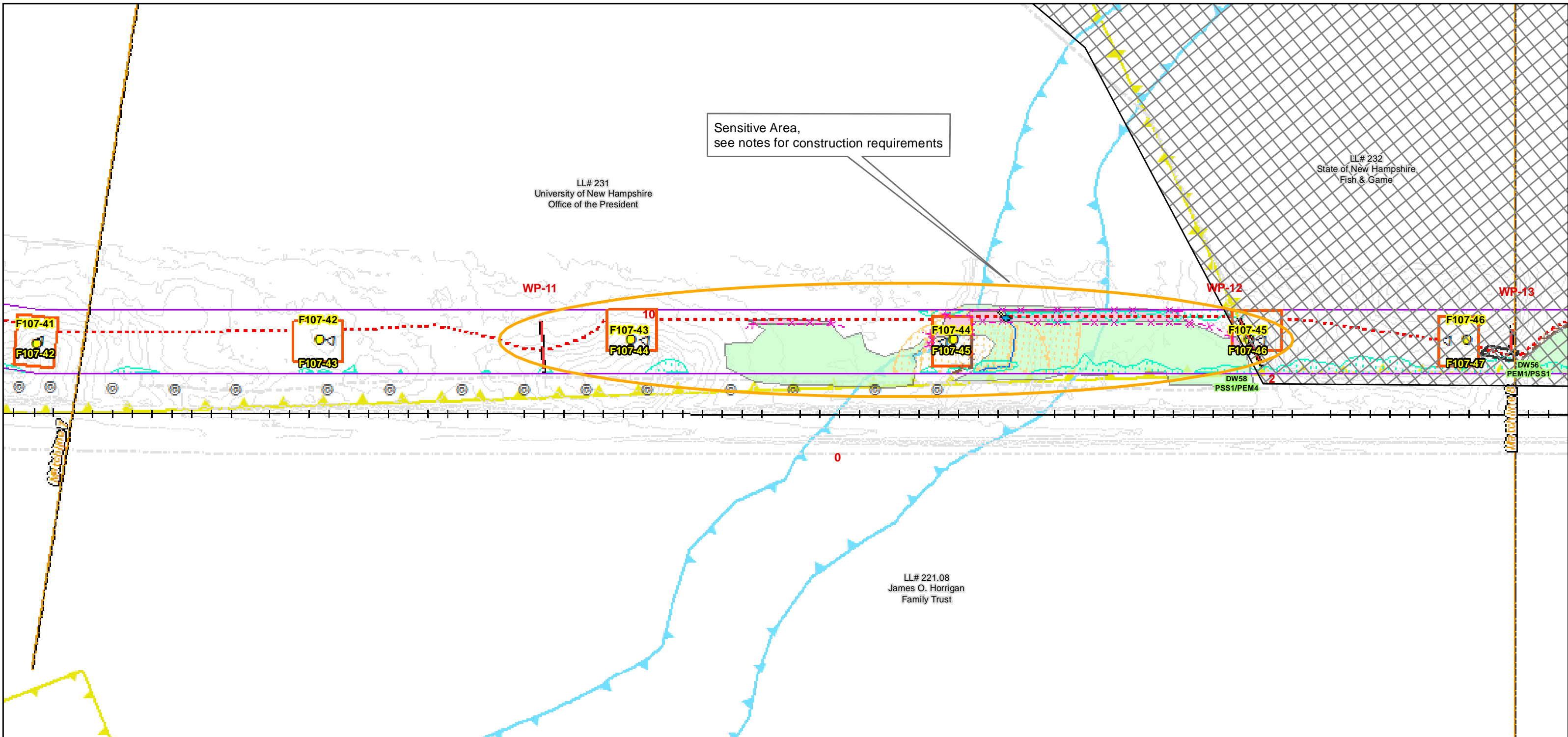
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**For Pre-Bid**

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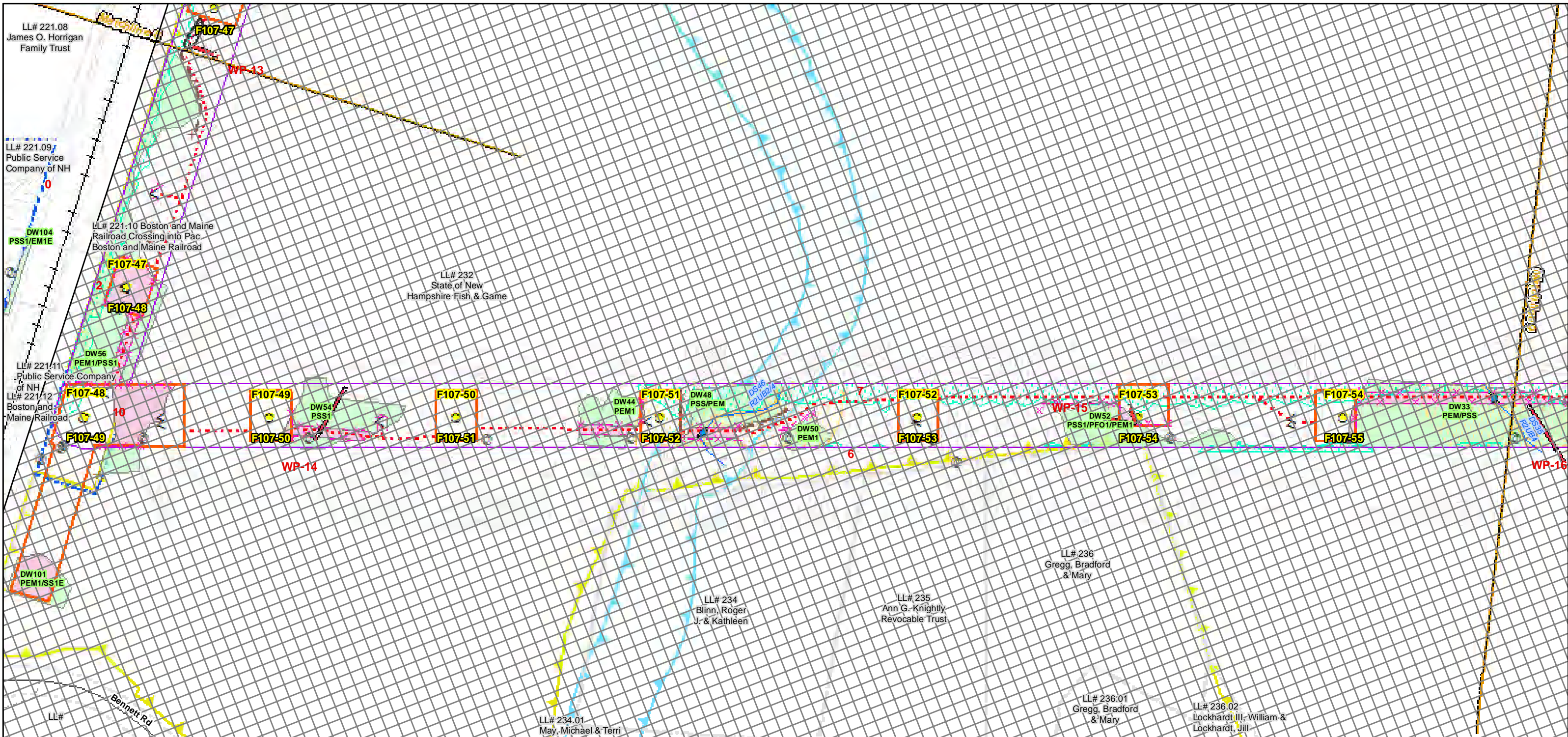


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	<p><b>Seacoast Reliability Project</b></p> <p><b>Construction Access Plans</b></p>
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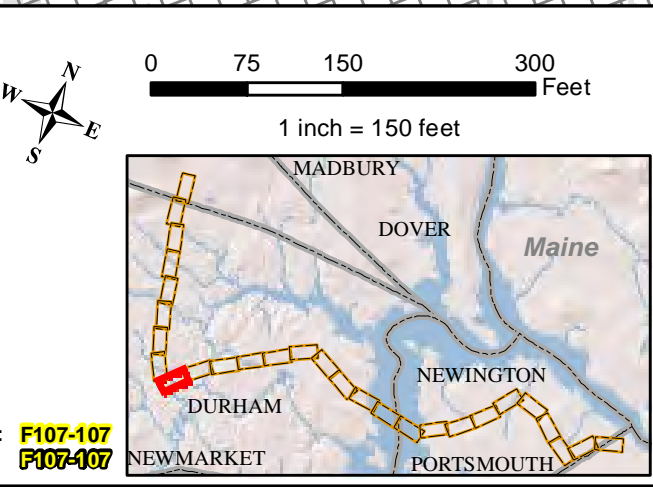


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Drawn By: dpelletier

Project No: 22860.003

- |                             |  |                              |
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| PSNH Fee Area               | Access Roads                                   | NH DOT Right-of-way          |
| Work Pad                    | Silt Curtain                                   | Designated River Buffer 250' |
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| Not Maintained              | Wetlands Impact                                | Stonewall alignment          |
| Private                     | Stream Centerline                              | Historic Districts           |
| State                       | Stream Top of Bank                             |                              |
| Railroad                    |  |                              |



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**Seacoast Reliability Project**

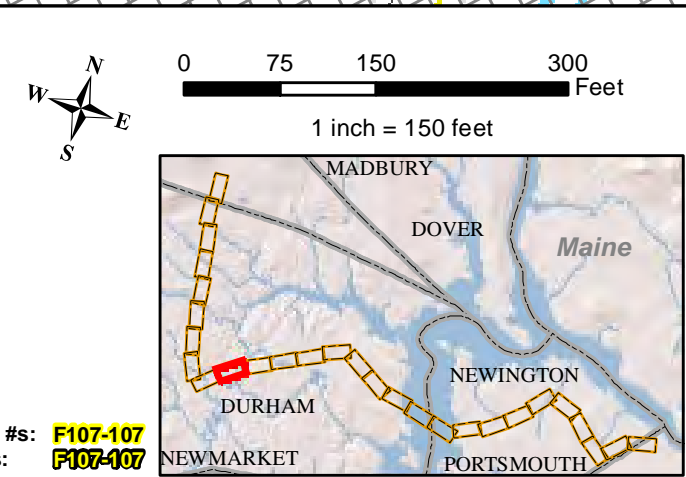
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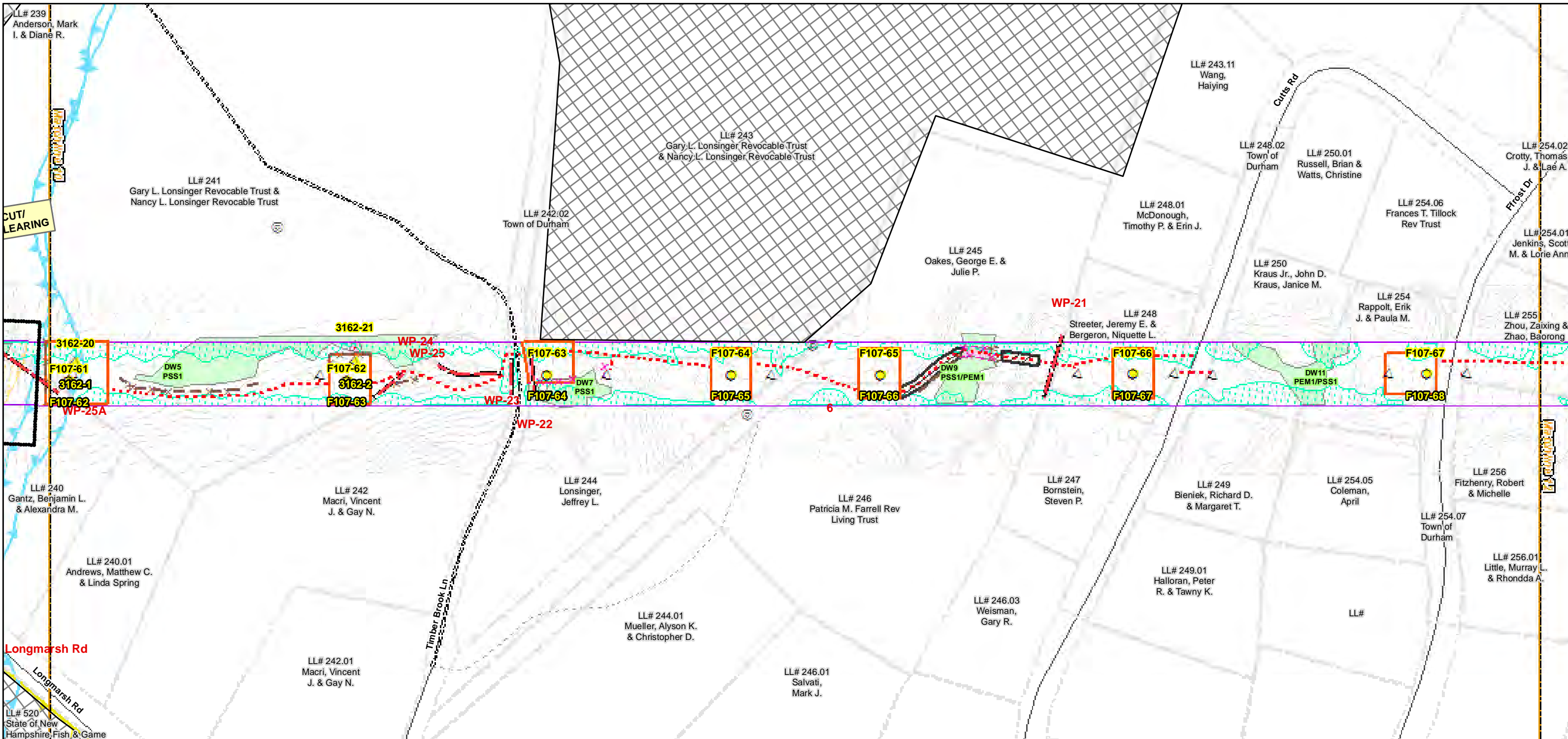
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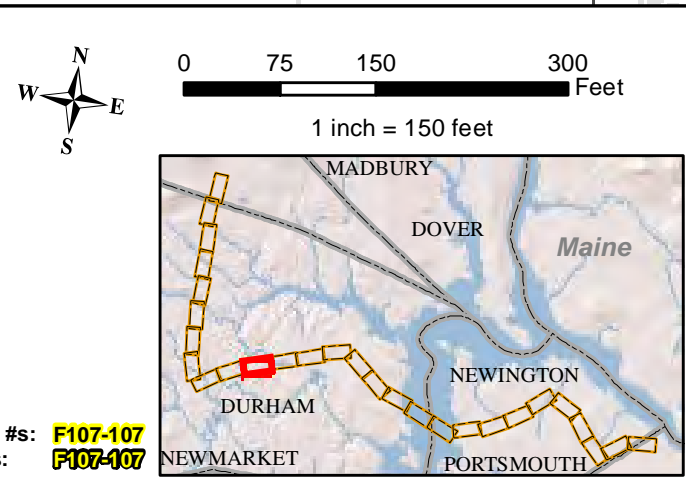
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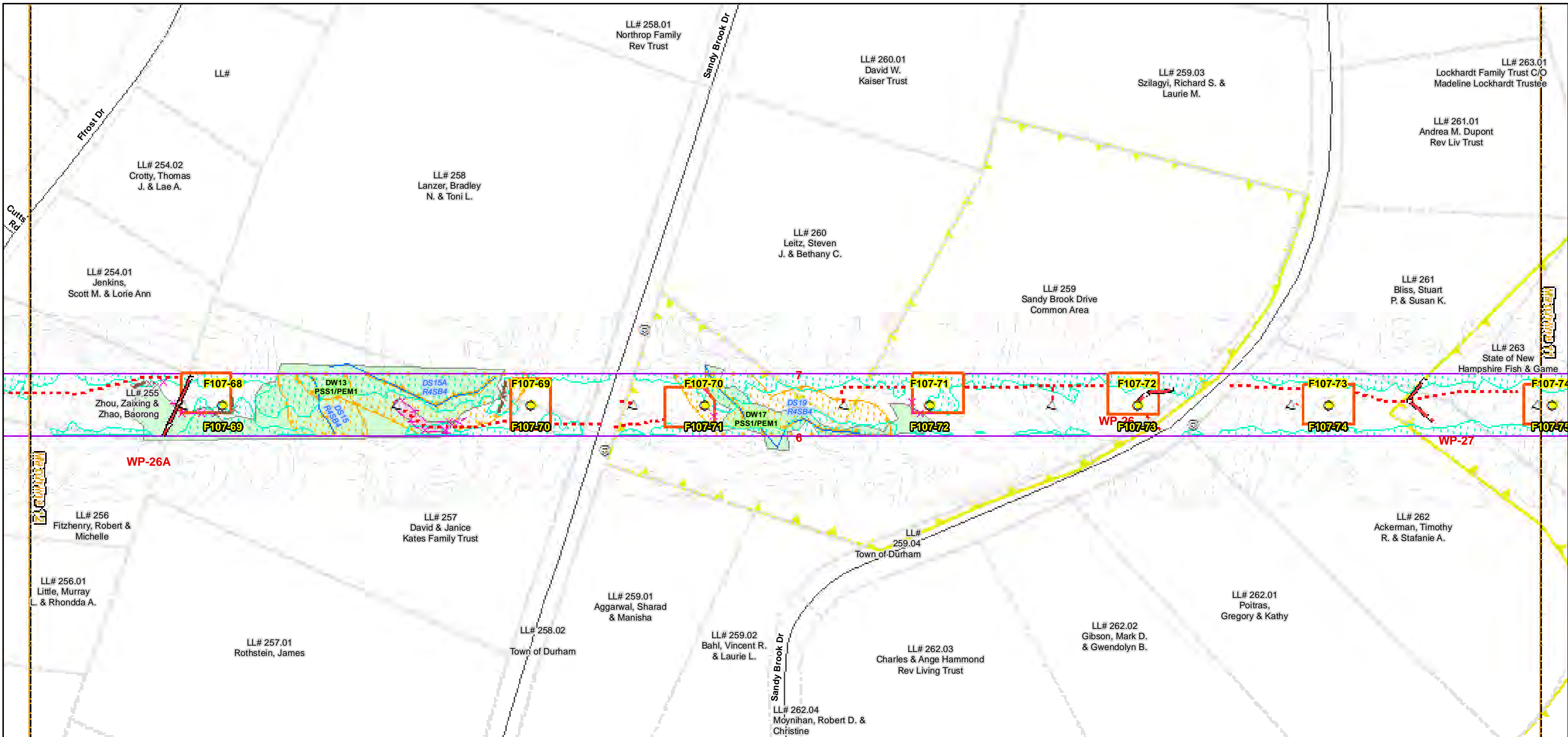
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**For Pre-Bid**



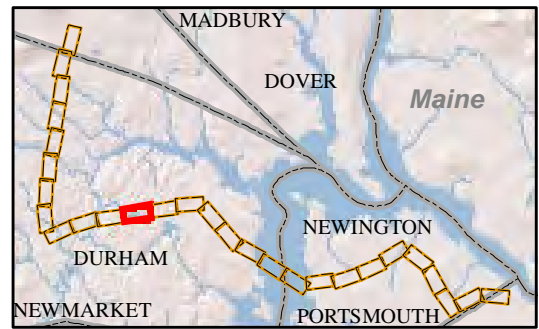
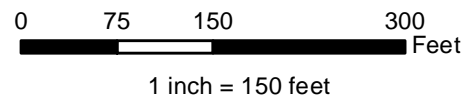
Date : 7/26/2017  
Project No: 22860.003

Drawn By: dpelletier

- |                             |  |                              |
|-----------------------------|--|------------------------------|
| Town Boundary               | Existing Str (Remain)                          | Temporary Culvert            |
| Approximate Parcel Boundary | Existing Str (Removed/Modified)                | Temporary Mat Bridge         |
| PSNH Fee Area               | Access Roads                                   | NH DOT Right-of-way          |
| Work Pad                    | Silt Curtain                                   | Designated River Buffer 250' |
| <b>Roads</b>                | Silt Fence, Hay Bale, Erosion Control Mix Berm | Tree Clearing                |
| Local                       | Straw Wattle                                   | 2ft Contour                  |
| Not Maintained              | Wetlands Impact                                | Stonewall alignment          |
| Private                     | Stream Centerline                              | Historic Districts           |
| State                       | Stream Top of Bank                             |                              |
| Railroad                    |  |                              |

Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #: **F107-107**  
Permitting Structure #: **F107-107**



**EVERSOURCE**  
ENERGY

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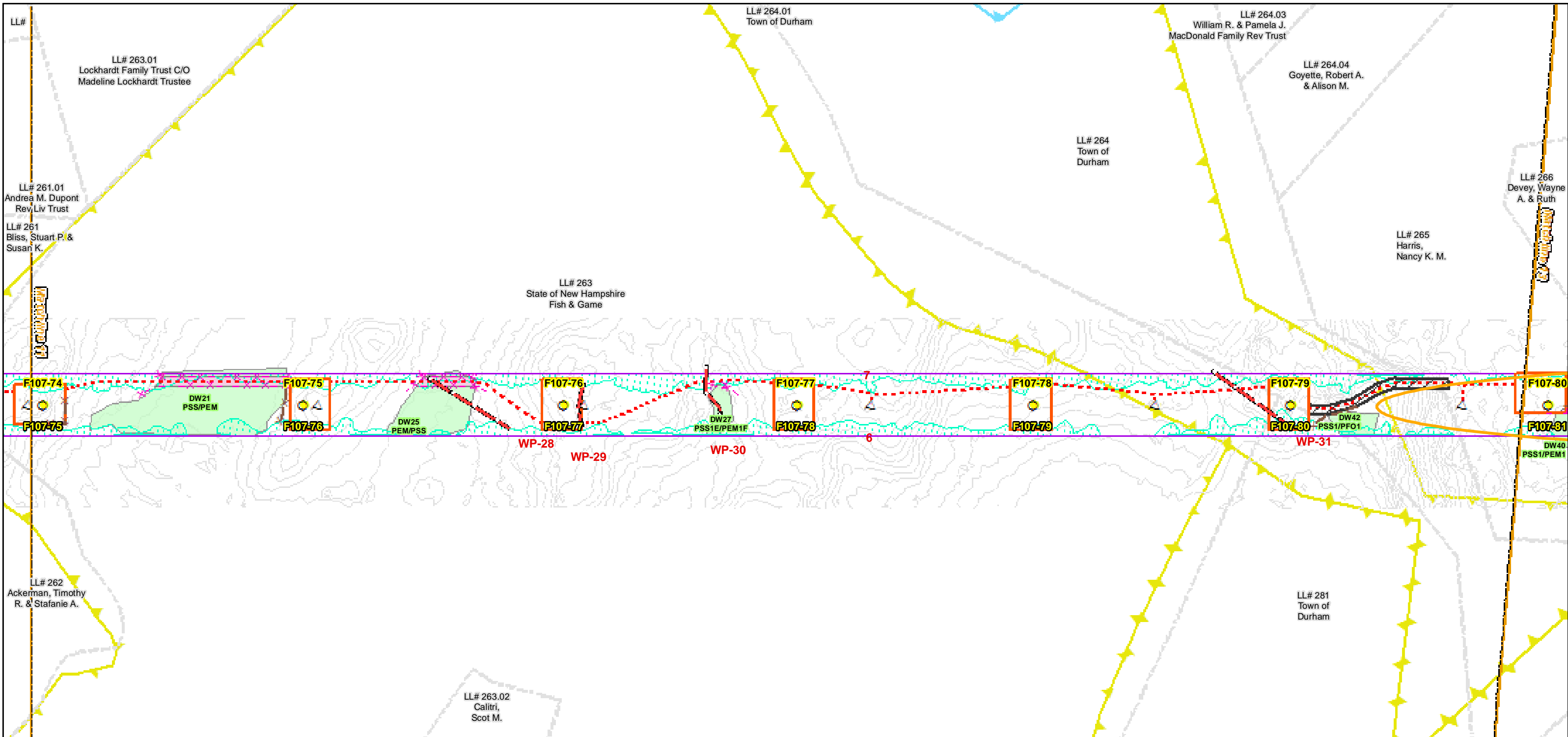
**NORMANDEAU ASSOCIATES**  
Environmental Consultants

**Seacoast Reliability Project**

**Construction Access Plans**

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**For Pre-Bid**



Date : 7/26/2017  
 Drawn By: dpellelier  
 Project No: 22860.003

Town Boundary	Existing Str (Remain)	Temporary Culvert
Approximate Parcel Boundary	Existing Str (Removed/Modified)	Temporary Mat Bridge
PSNH Fee Area	Access Roads	NH DOT Right-of-way
Work Pad	Silt Curtain	Designated River Buffer 250'
<b>Roads</b>	Silt Fence, Hay Bale, Erosion Control Mix Berm	Tree Clearing
Local	Straw Wattle	2ft Contour
Not Maintained	Wetlands Impact	Stonewall alignment
Private	Stream Centerline	Historic Districts
State	Stream Top of Bank	
Railroad		

0 75 150 300 Feet

1 inch = 150 feet

## Seacoast Reliability Project

### Construction Access Plans

# For Pre-Bid

Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #s: **F107-107**  
 Permitting Structure #s: **F107-107**



LL# 264.04  
Goyette, Robert  
A. & Alison M.

LL# 265  
Harris,  
Nancy K. M.

LL# 266  
Devey, Wayne  
A. & Ruth

LL# 267  
Nature  
Conservancy

LL# 505  
Ely, Robert  
C. & Heidi S.

LL# 504  
Ely, Robert  
C. & Heidi S.

LL# 503  
Grieve, David S.  
& Hornyak-Grieve, Linda M.

LL# 269  
Nancy P.  
Sandberg Trust

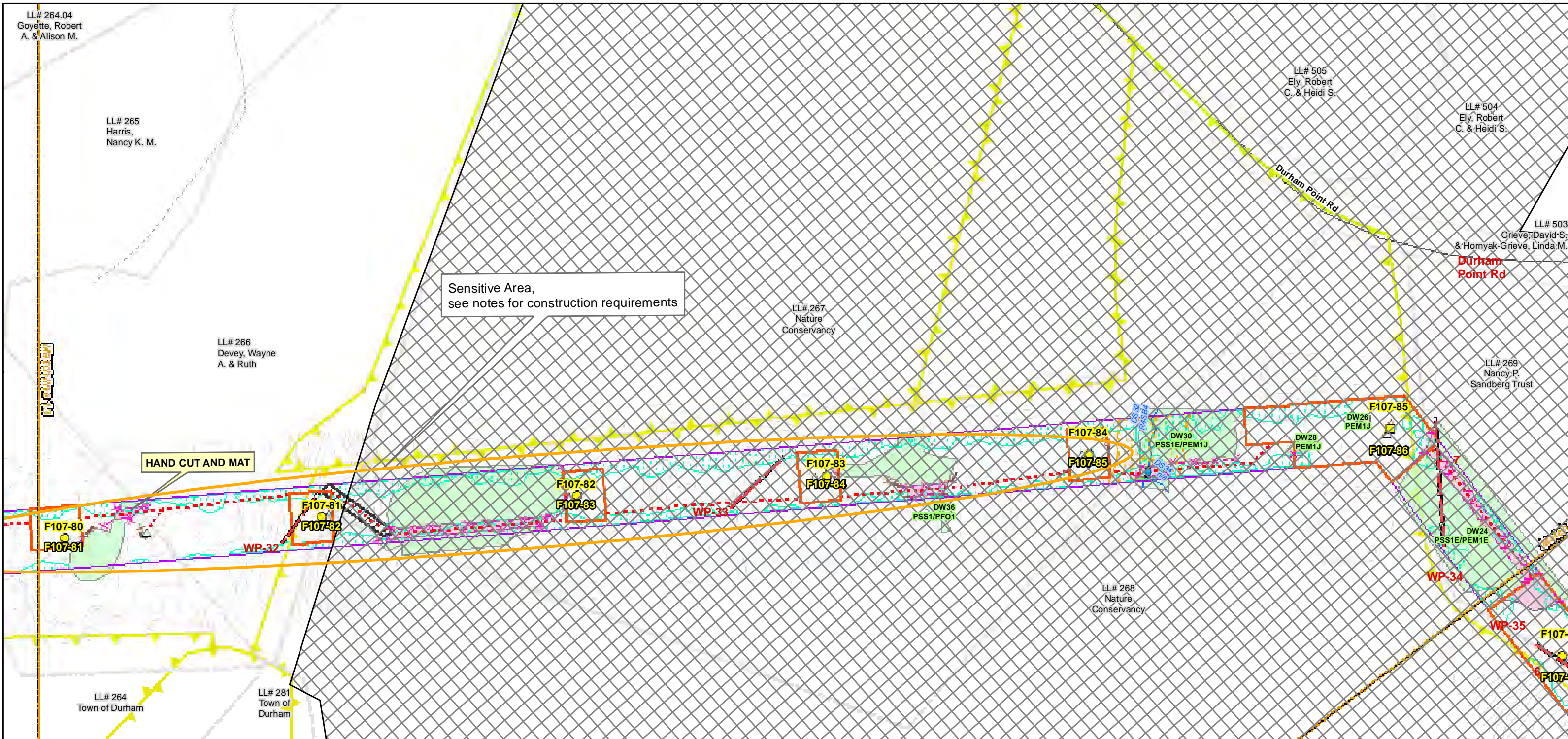
LL# 268  
Nature  
Conservancy

LL# 264  
Town of Durham

LL# 281  
Town of Durham

Sensitive Area,  
see notes for construction requirements

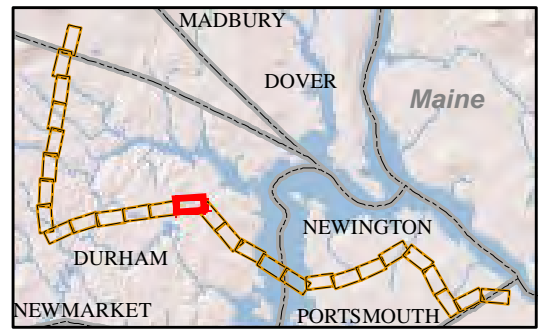
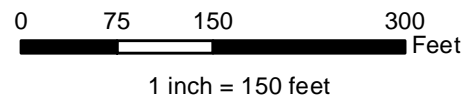
HAND CUT AND MAT



Date : 7/26/2017  
Project No: 22860.003

Drawn By: dpelletier

- Town Boundary
- Approximate Parcel Boundary
- PSNH Fee Area
- Work Pad
- Roads
  - Local
  - Not Maintained
  - Private
  - State
  - Railroad
- Existing Str (Remain)
- Existing Str (Removed/Modified)
- Access Roads
- Silt Curtain
- Silt Fence, Hay Bale, Erosion Control Mix Berm
- Straw Wattle
- Wetlands Impact
- Stream Centerline
- Stream Top of Bank
- Temporary Culvert
- Temporary Mat Bridge
- NH DOT Right-of-way
- Designated River Buffer 250'
- Tree Clearing
- 2ft Contour
- Stonewall alignment
- Historic Districts



Parcel boundary and owner data were acquired from municipal databases as of May 2016.

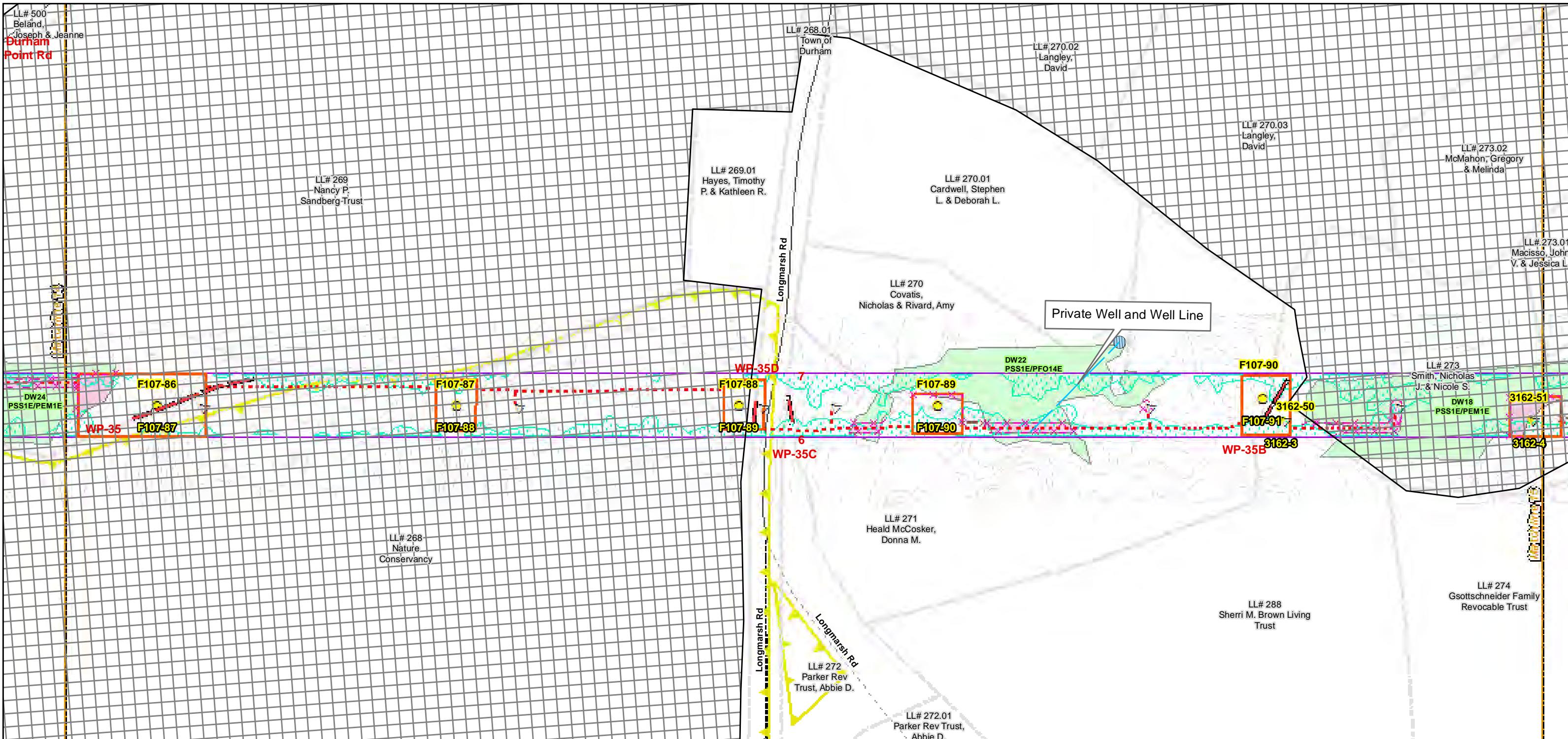
Construction Structure #: **F107-107**  
Permitting Structure #: **F107-107**

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**Seacoast Reliability  
Project  
Construction  
Access Plans**

**For Pre-Bid**



<p>LL# 500 Beland, Joseph &amp; Jeanne <b>Durham Point Rd</b></p> <p>LL# 269 Nancy P. Sandberg-Trust</p> <p>LL# 268.01 Town of Durham</p> <p>LL# 270.02 Langley, David</p> <p>LL# 270.03 Langley, David</p> <p>LL# 273.02 McMahon, Gregory &amp; Melinda</p> <p>LL# 273.01 Macisso, John, V. &amp; Jessica L.</p> <p>LL# 270.01 Cardwell, Stephen L. &amp; Deborah L.</p> <p>LL# 270 Covatis, Nicholas &amp; Rivard, Amy</p> <p>LL# 271 Heald McCosker, Donna M.</p> <p>LL# 272 Parker Rev Trust, Abbie D.</p> <p>LL# 272.01 Parker Rev Trust, Abbie D.</p> <p>LL# 273 Smith, Nicholas J. &amp; Nicole S.</p> <p>LL# 274 Gsothsneider Family Revocable Trust</p> <p>LL# 268 Nature Conservancy</p> <p>LL# 288 Sherri M. Brown Living Trust</p>	<p>Existing Str (Remain)</p> <p>Existing Str (Removed/Modified)</p> <p>Access Roads</p> <p>Silt Curtain</p> <p>Silt Fence, Hay Bale, Erosion Control Mix Berm</p> <p>Straw Wattle</p> <p>Wetlands Impact</p> <p>Stream Centerline</p> <p>Stream Top of Bank</p>	<p>Temporary Culvert</p> <p>Temporary Mat Bridge</p> <p>NH DOT Right-of-way</p> <p>Designated River Buffer 250'</p> <p>Tree Clearing</p> <p>2ft Contour</p> <p>Stonewall alignment</p> <p>Historic Districts</p>
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Scale: 0 75 150 300 Feet  
1 inch = 150 feet

Construction Structure #: **F107-107**  
Permitting Structure #: **F107-107**

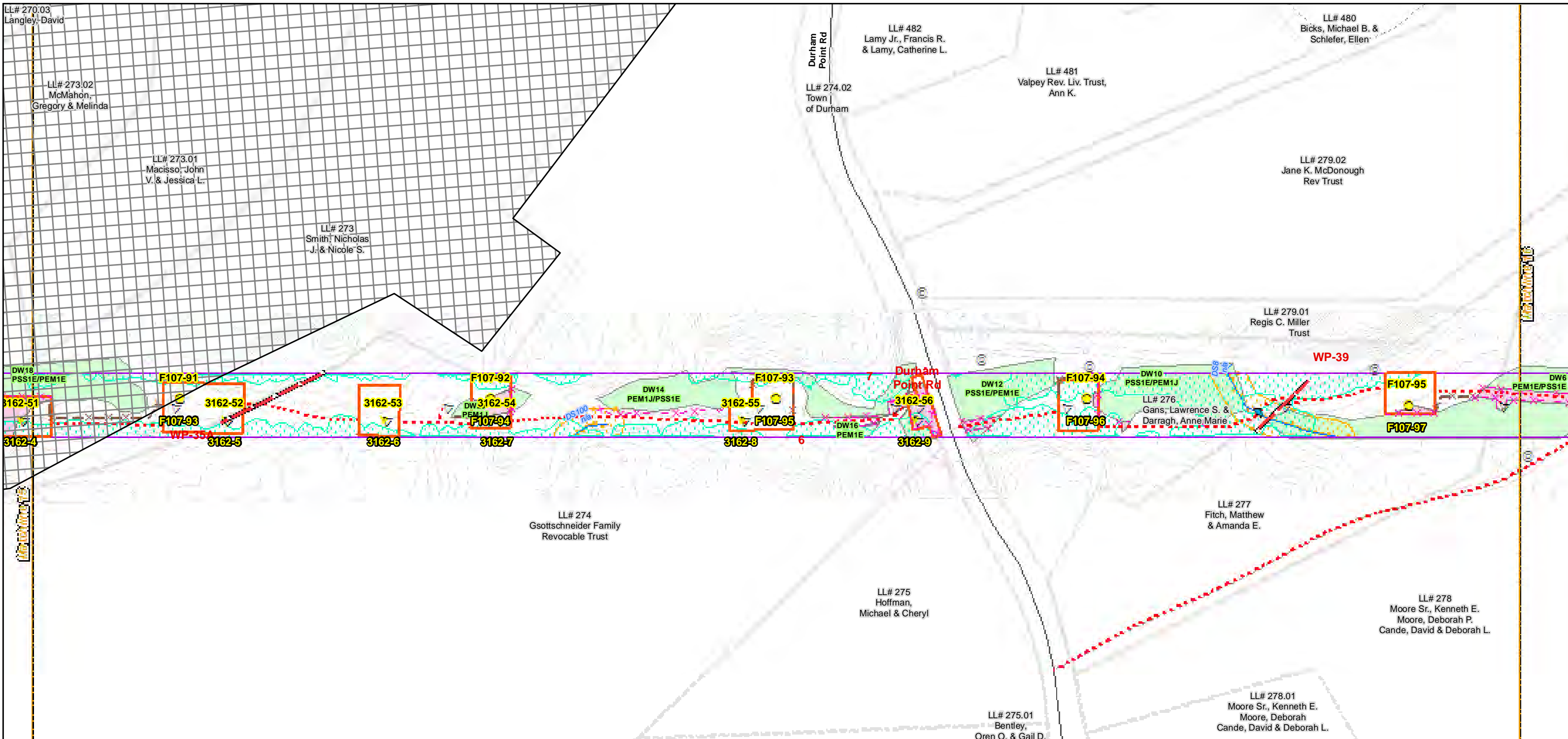
**EVERSOURCE**  
ENERGY

**NORMANDEAU**  
ASSOCIATES  
Environmental Consultants

**Seacoast Reliability  
Project**

**Construction  
Access Plans**

**For Pre-Bid**

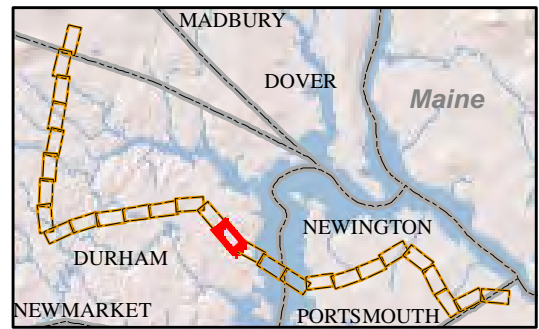
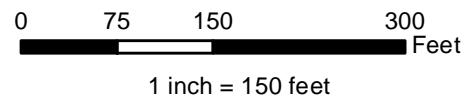


Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

- |   |   |   |
|---|---|---|
| <ul style="list-style-type: none"> <li> Town Boundary</li> <li> Approximate Parcel Boundary</li> <li> PSNH Fee Area</li> <li> Work Pad</li> <li><b>Roads</b></li> <li> Local</li> <li> Not Maintained</li> <li> Private</li> <li> State</li> <li> Railroad</li> </ul> | <ul style="list-style-type: none"> <li> Existing Str (Remain)</li> <li> Existing Str (Removed/Modified)</li> <li> Access Roads</li> <li> Silt Curtain</li> <li> Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li> Straw Wattle</li> <li> Wetlands Impact</li> <li> Stream Centerline</li> <li> Stream Top of Bank</li> </ul> | <ul style="list-style-type: none"> <li> Temporary Culvert</li> <li> Temporary Mat Bridge</li> <li> NH DOT Right-of-way</li> <li> Designated River Buffer 250'</li> <li> Tree Clearing</li> <li> 2ft Contour</li> <li> Stonewall alignment</li> <li> Historic Districts</li> </ul> |
|---|---|---|

Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #: **F107-107**  
 Permitting Structure #: **F107-107**



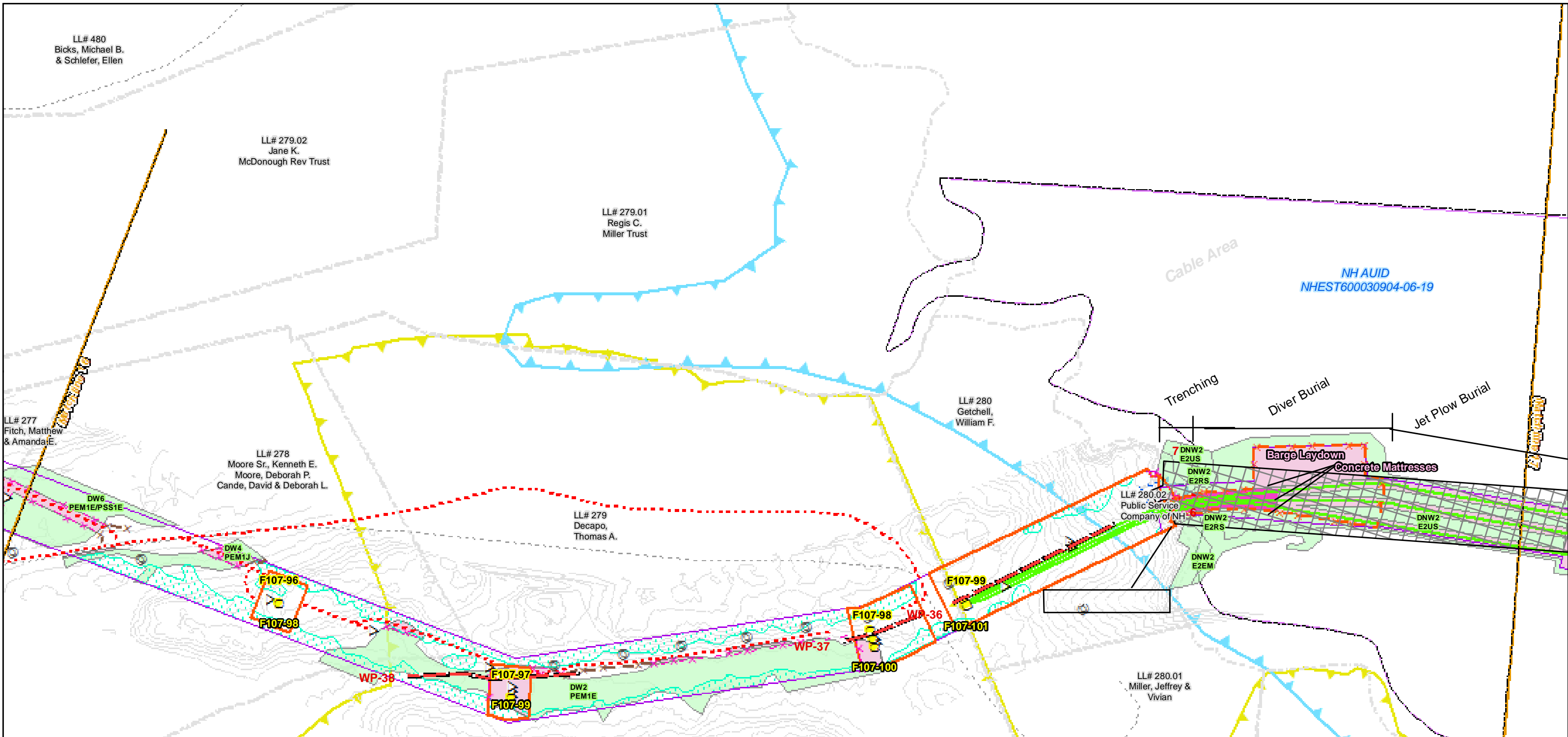
**EVERSOURCE**  
ENERGY

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Environmental Consultants

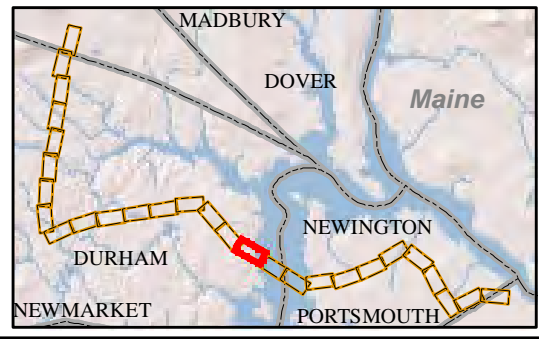
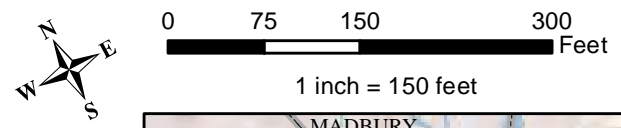
**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**



<p>Drawn By: dpelletier Date: 7/26/2017 Project No: 22860.003</p>	<p><b>Town Boundary</b></p> <p><b>Approximate Parcel Boundary</b></p> <p><b>PSNH Fee Area</b></p> <p><b>Work Pad</b></p> <p><b>Roads</b></p> <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> </ul>	<p><b>Existing Str (Remain)</b></p> <p><b>Existing Str (Removed/Modified)</b></p> <p><b>Access Roads</b></p> <p><b>Silt Curtain</b></p> <p><b>Silt Fence, Hay Bale, Erosion Control Mix Berm</b></p> <p><b>Straw Wattle</b></p> <p><b>Wetlands Impact</b></p> <p><b>Stream Centerline</b></p> <p><b>Stream Top of Bank</b></p>	<p><b>Temporary Culvert</b></p> <p><b>Temporary Mat Bridge</b></p> <p><b>NH DOT Right-of-way</b></p> <p><b>Designated River Buffer 250'</b></p> <p><b>Tree Clearing</b></p> <p><b>2ft Contour</b></p> <p><b>Stonewall alignment</b></p> <p><b>Historic Districts</b></p>	<p>Parcel boundary and owner data were acquired from municipal databases as of May 2016.</p> <p><b>Construction Structure #s: F107-107</b> <b>Permitting Structure #s: F107-107</b></p>
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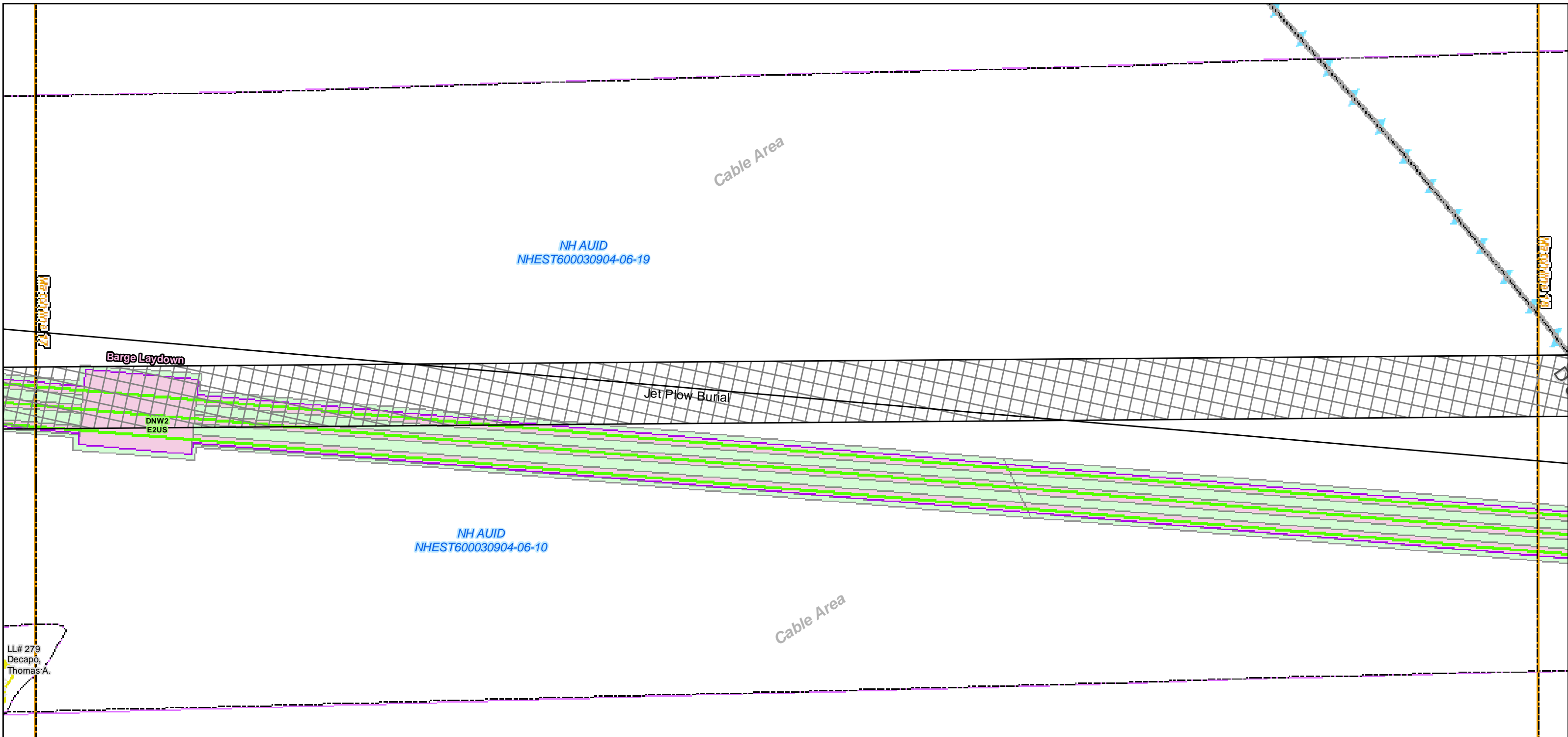
**EVERSOURCE ENERGY**

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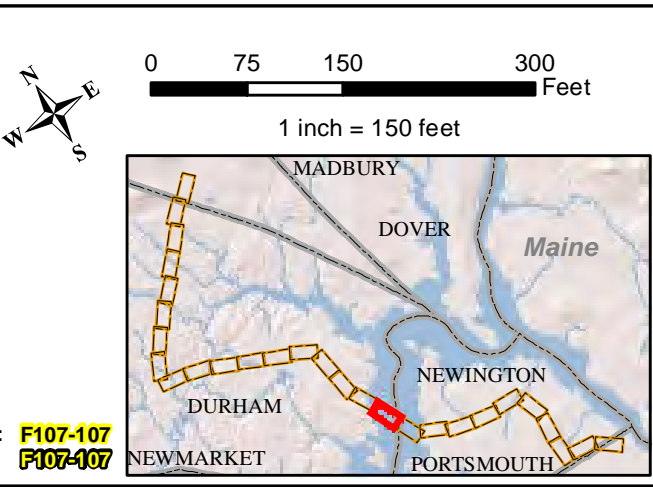
**Construction Access Plans**

**For Pre-Bid**



Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

Town Boundary	Existing Str (Remain)	Temporary Culvert
Approximate Parcel Boundary	Existing Str (Removed/Modified)	Temporary Mat Bridge
PSNH Fee Area	Access Roads	NH DOT Right-of-way
Work Pad	Silt Curtain	Designated River Buffer 250'
<b>Roads</b>	Silt Fence, Hay Bale, Erosion Control Mix Berm	Tree Clearing
Local	Straw Wattle	2ft Contour
Not Maintained	Wetlands Impact	Stonewall alignment
Private	Stream Centerline	Historic Districts
State	Stream Top of Bank	
Railroad		



Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #: **F107-107**  
 Permitting Structure #: **F107-107**

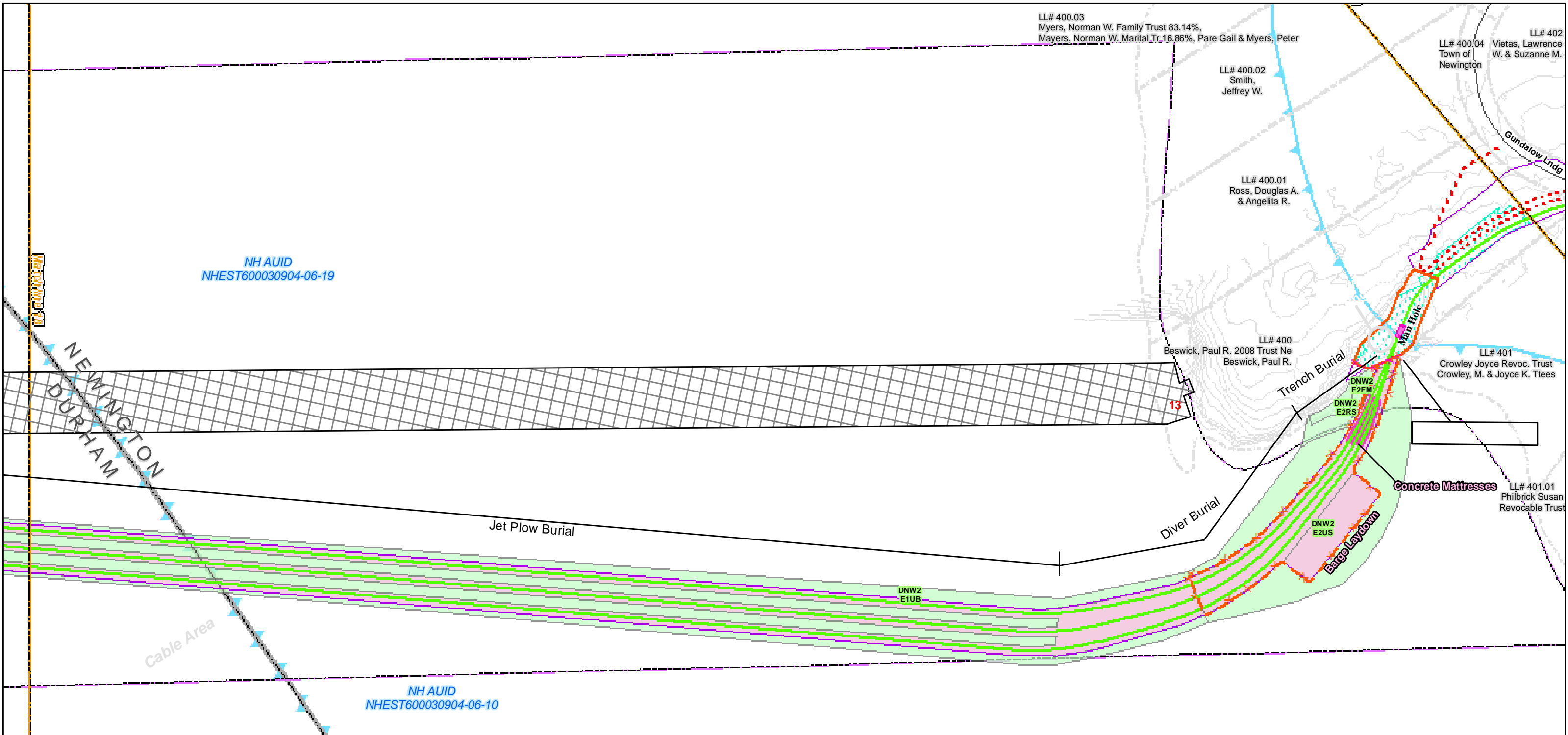
**EVERSOURCE**  
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**Seacoast Reliability Project**

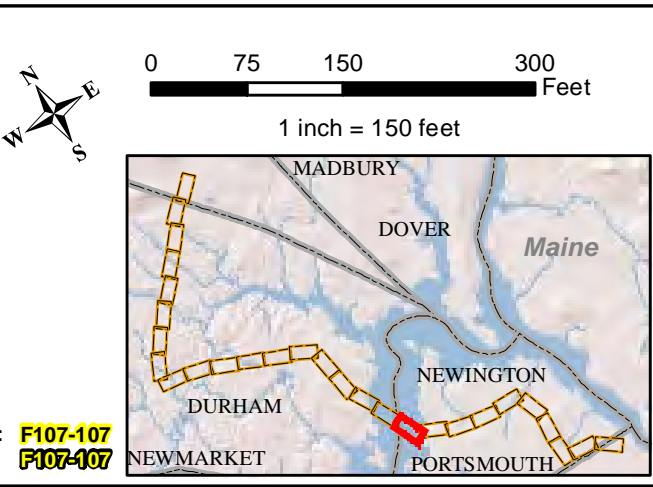
**Construction Access Plans**

**For Pre-Bid**



Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

Town Boundary	Existing Str (Remain)	Temporary Culvert
Approximate Parcel Boundary	Existing Str (Removed/Modified)	Temporary Mat Bridge
PSNH Fee Area	Access Roads	NH DOT Right-of-way
Work Pad	Silt Curtain	Designated River Buffer 250'
<b>Roads</b>	Silt Fence, Hay Bale, Erosion Control Mix Berm	Tree Clearing
Local	Straw Wattle	2ft Contour
Not Maintained	Wetlands Impact	Stonewall alignment
Private	Stream Centerline	Historic Districts
State	Stream Top of Bank	
Railroad		



Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #s: **F107-107**  
 Permitting Structure #s: **F107-407**

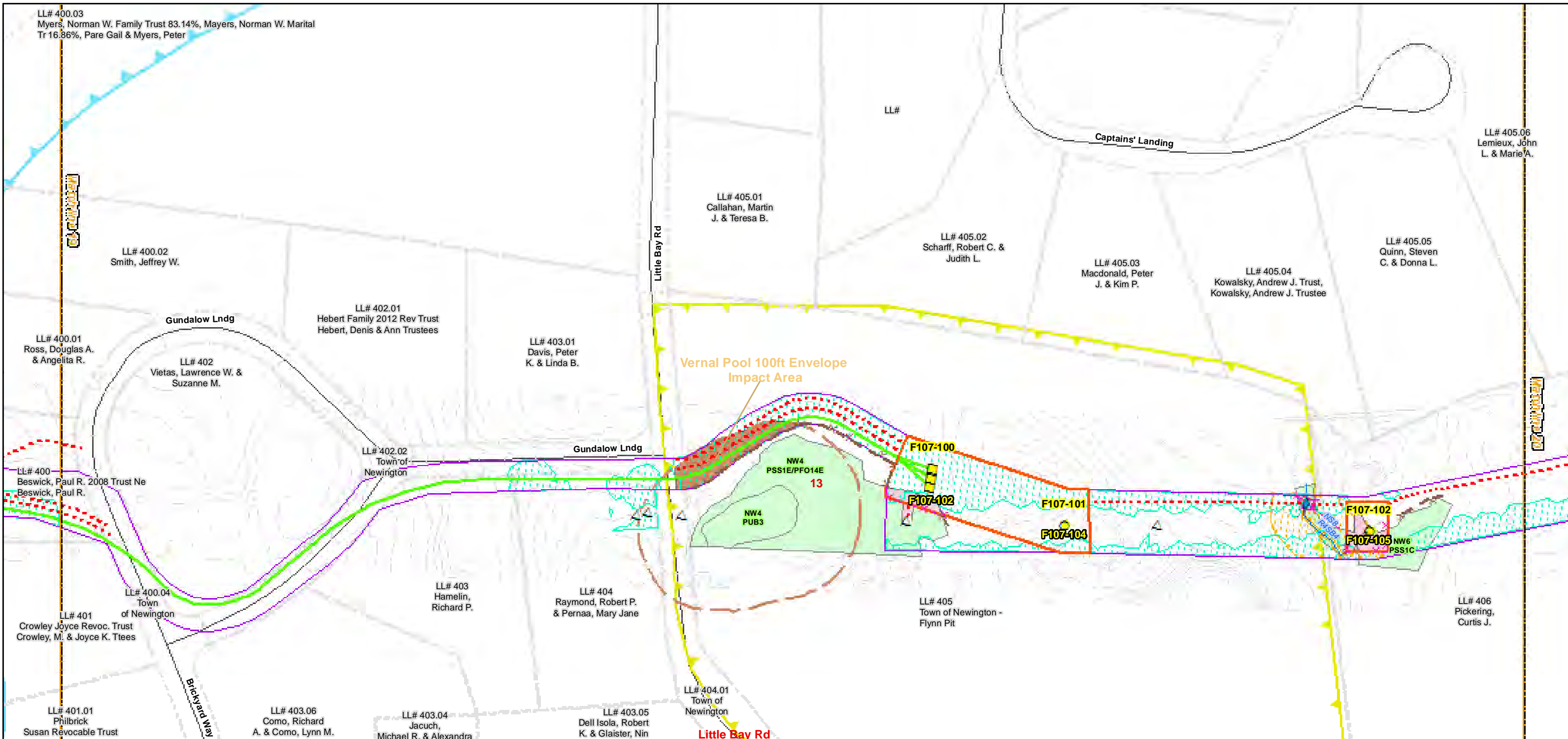
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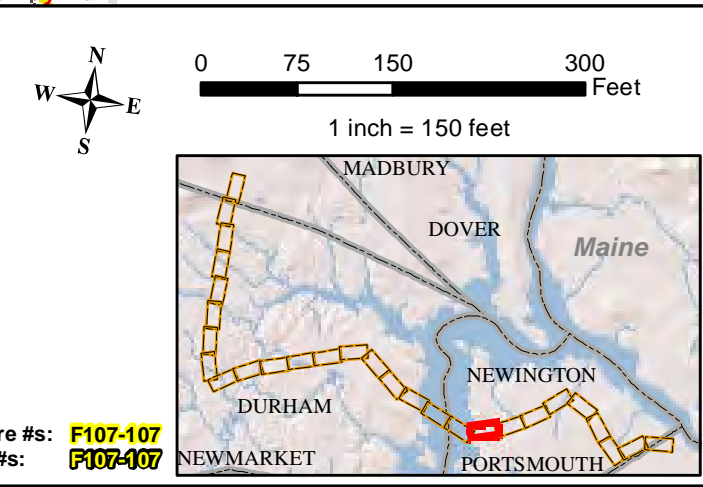
**Construction Access Plans**

**For Pre-Bid**



Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

- |                             |  |                              |
|-----------------------------|--|------------------------------|
| Town Boundary               | Existing Str (Remain)                          | Temporary Culvert            |
| Approximate Parcel Boundary | Existing Str (Removed/Modified)                | Temporary Mat Bridge         |
| PSNH Fee Area               | Access Roads                                   | NH DOT Right-of-way          |
| Work Pad                    | Silt Curtain                                   | Designated River Buffer 250' |
| <b>Roads</b>                | Silt Fence, Hay Bale, Erosion Control Mix Berm | Tree Clearing                |
| Local                       | Straw Wattle                                   | 2ft Contour                  |
| Not Maintained              | Wetlands Impact                                | Stonewall alignment          |
| Private                     | Stream Centerline                              | Historic Districts           |
| State                       | Stream Top of Bank                             |                              |
| Railroad                    |  |                              |



Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #: **F107-107**  
 Permitting Structure #: **F107-107**

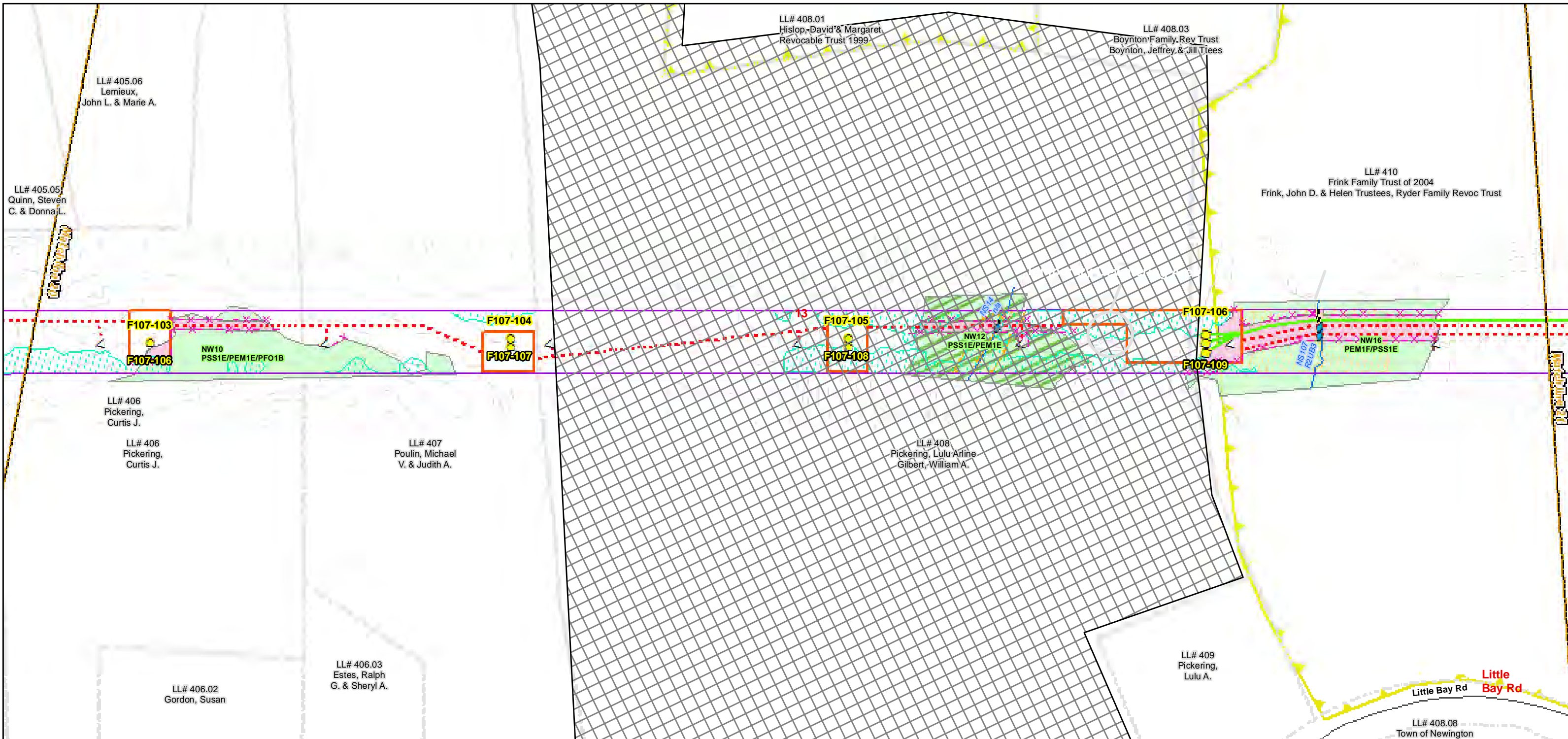
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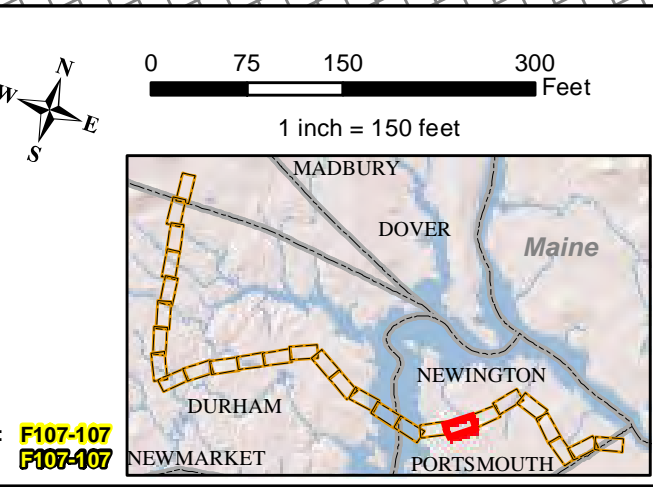
**Construction Access Plans**

**For Pre-Bid**



Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

Town Boundary	Existing Str (Remain)	Temporary Culvert
Approximate Parcel Boundary	Existing Str (Removed/Modified)	Temporary Mat Bridge
PSNH Fee Area	Access Roads	NH DOT Right-of-way
Work Pad	Silt Curtain	Designated River Buffer 250'
<b>Roads</b>	Silt Fence, Hay Bale, Erosion Control Mix Berm	Tree Clearing
Local	Straw Wattle	2ft Contour
Not Maintained	Wetlands Impact	Stonewall alignment
Private	Stream Centerline	Historic Districts
State	Stream Top of Bank	
Railroad		



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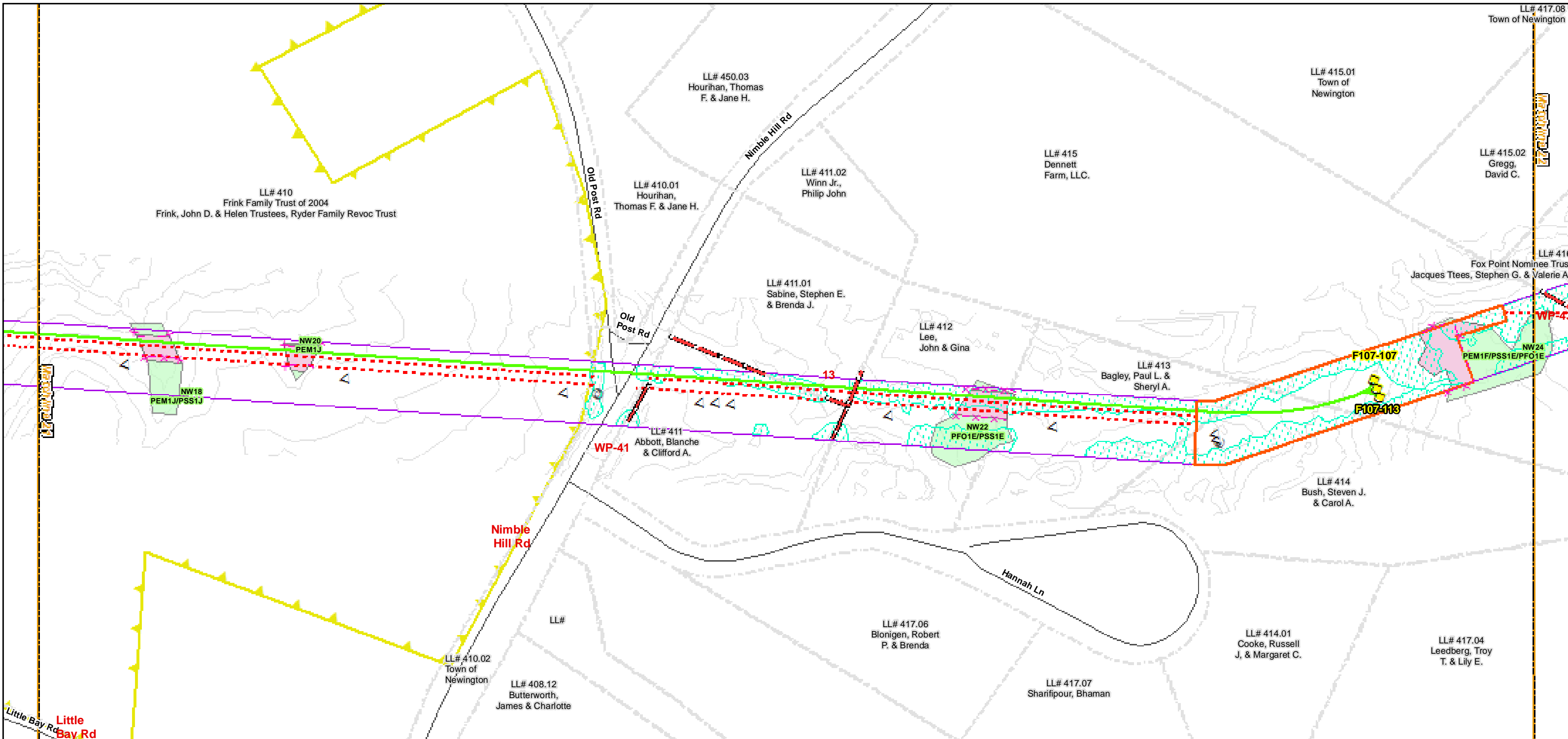
**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**

Parcel boundary and owner data were acquired from municipal databases as of May 2016.



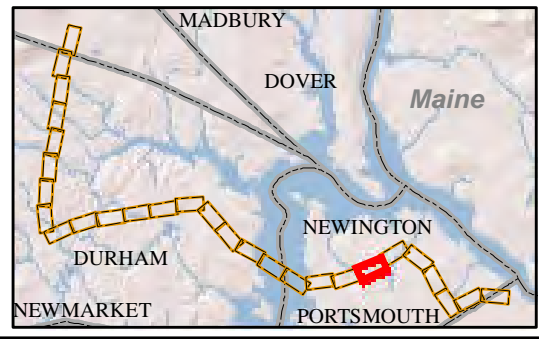
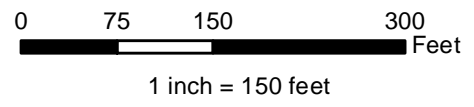


Drawn By: dpelletier  
 Date: 7/26/2017  
 Project No: 22860.003

- |   |   |   |
|---|---|---|
| <ul style="list-style-type: none"> <li> Town Boundary</li> <li> Approximate Parcel Boundary</li> <li> PSNH Fee Area</li> <li> Work Pad</li> <li><b>Roads</b></li> <li> Local</li> <li> Not Maintained</li> <li> Private</li> <li> State</li> <li> Railroad</li> </ul> | <ul style="list-style-type: none"> <li> Existing Str (Remain)</li> <li> Existing Str (Removed/Modified)</li> <li> Access Roads</li> <li> Silt Curtain</li> <li> Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li> Straw Wattle</li> <li> Wetlands Impact</li> <li> Stream Centerline</li> <li> Stream Top of Bank</li> </ul> | <ul style="list-style-type: none"> <li> Temporary Culvert</li> <li> Temporary Mat Bridge</li> <li> NH DOT Right-of-way</li> <li> Designated River Buffer 250'</li> <li> Tree Clearing</li> <li> 2ft Contour</li> <li> Stonewall alignment</li> <li> Historic Districts</li> </ul> |
|---|---|---|

Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #: **F107-107**  
 Permitting Structure #: **F107-107**



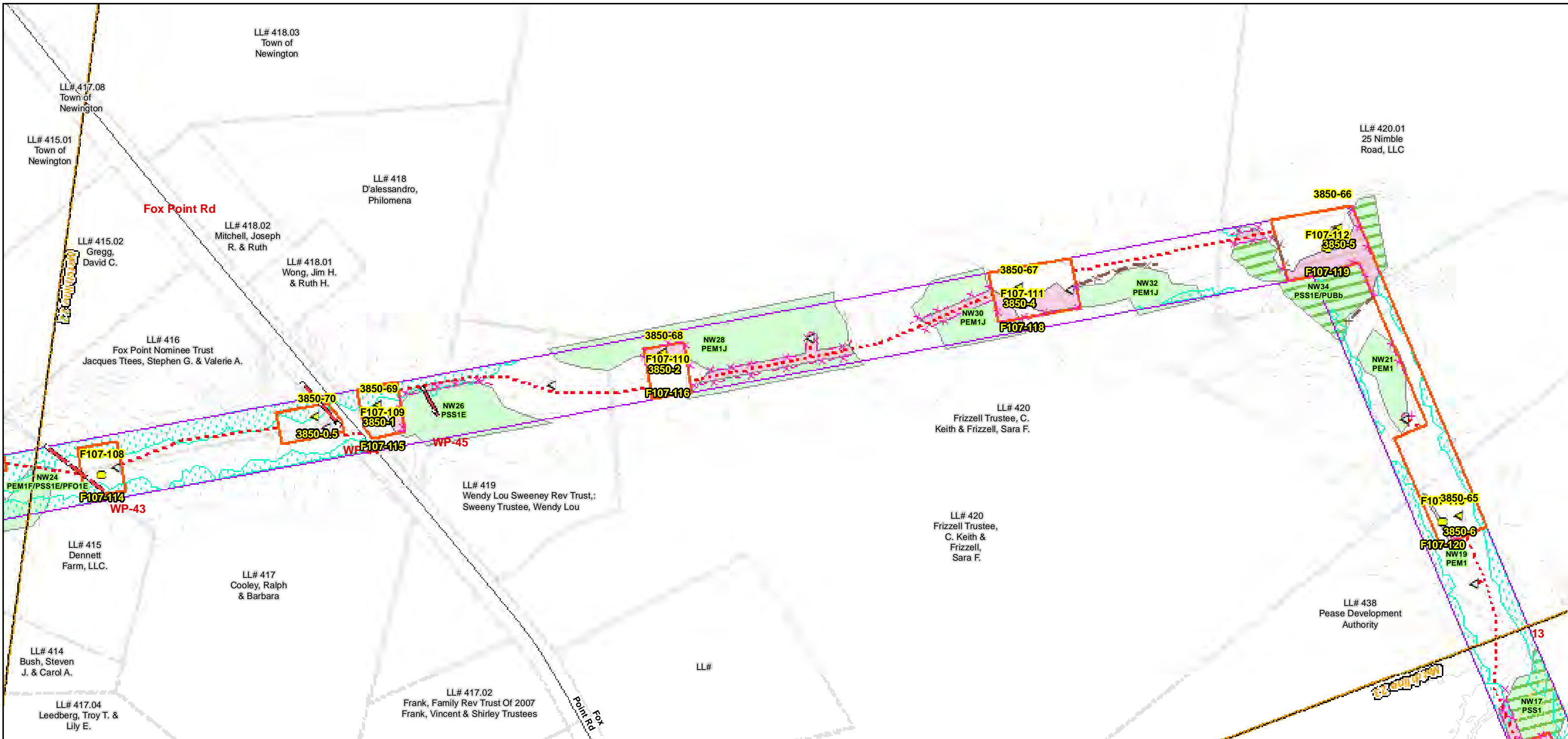
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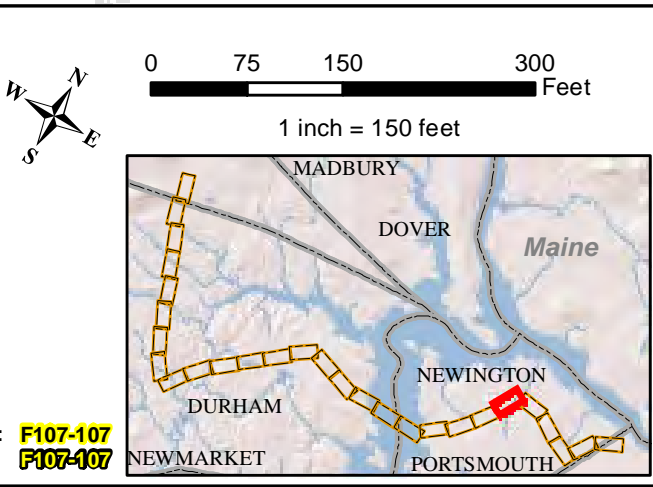
**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**



<ul style="list-style-type: none"> <li>Town Boundary</li> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Work Pad</li> <li>Roads <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Access Roads</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetlands Impact</li> <li>Stream Centerline</li> <li>Stream Top of Bank</li> </ul>	<ul style="list-style-type: none"> <li>Temporary Culvert</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Designated River Buffer 250'</li> <li>Tree Clearing</li> <li>2ft Contour</li> <li>Stonewall alignment</li> <li>Historic Districts</li> </ul>
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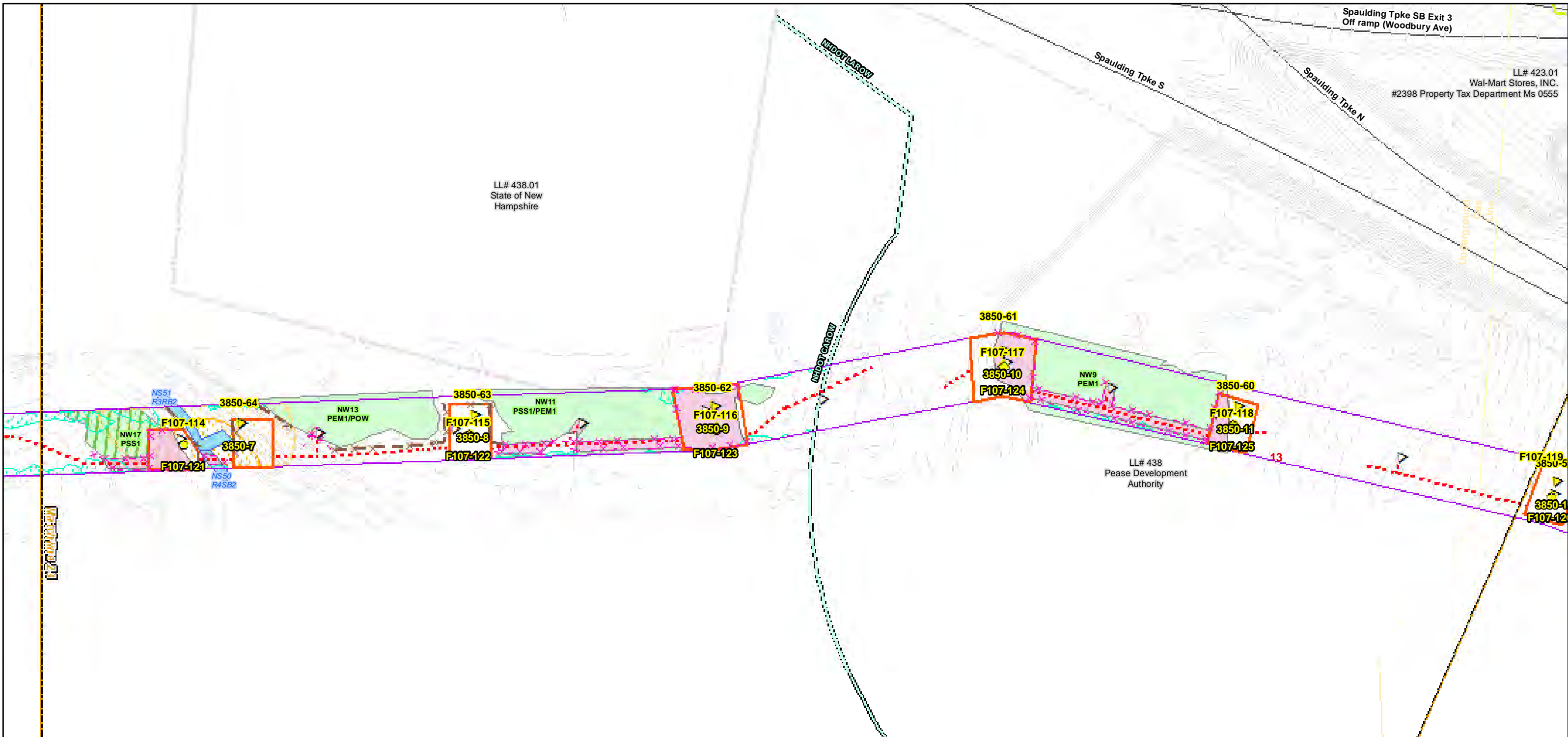
**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**

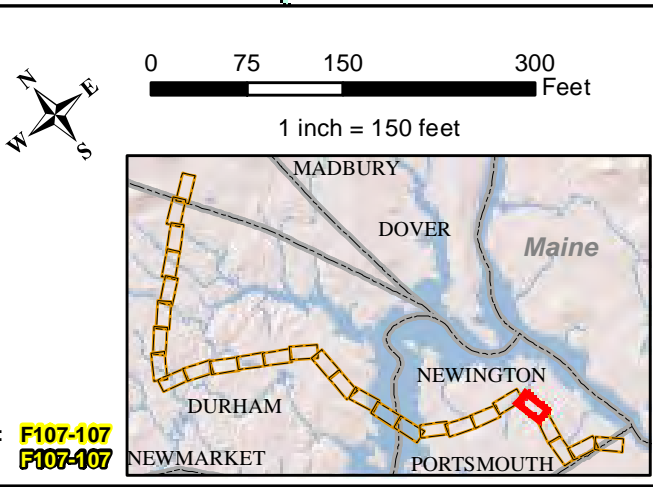
Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #: **F107-107**  
Permitting Structure #: **F107-107**



Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

Town Boundary	Existing Str (Remain)	Temporary Culvert
Approximate Parcel Boundary	Existing Str (Removed/Modified)	Temporary Mat Bridge
PSNH Fee Area	Access Roads	NH DOT Right-of-way
Work Pad	Silt Curtain	Designated River Buffer 250'
<b>Roads</b>	Silt Fence, Hay Bale, Erosion Control Mix Berm	Tree Clearing
Local	Straw Wattle	2ft Contour
Not Maintained	Wetlands Impact	Stonewall alignment
Private	Stream Centerline	Historic Districts
State	Stream Top of Bank	
Railroad		



**EVERSOURCE**  
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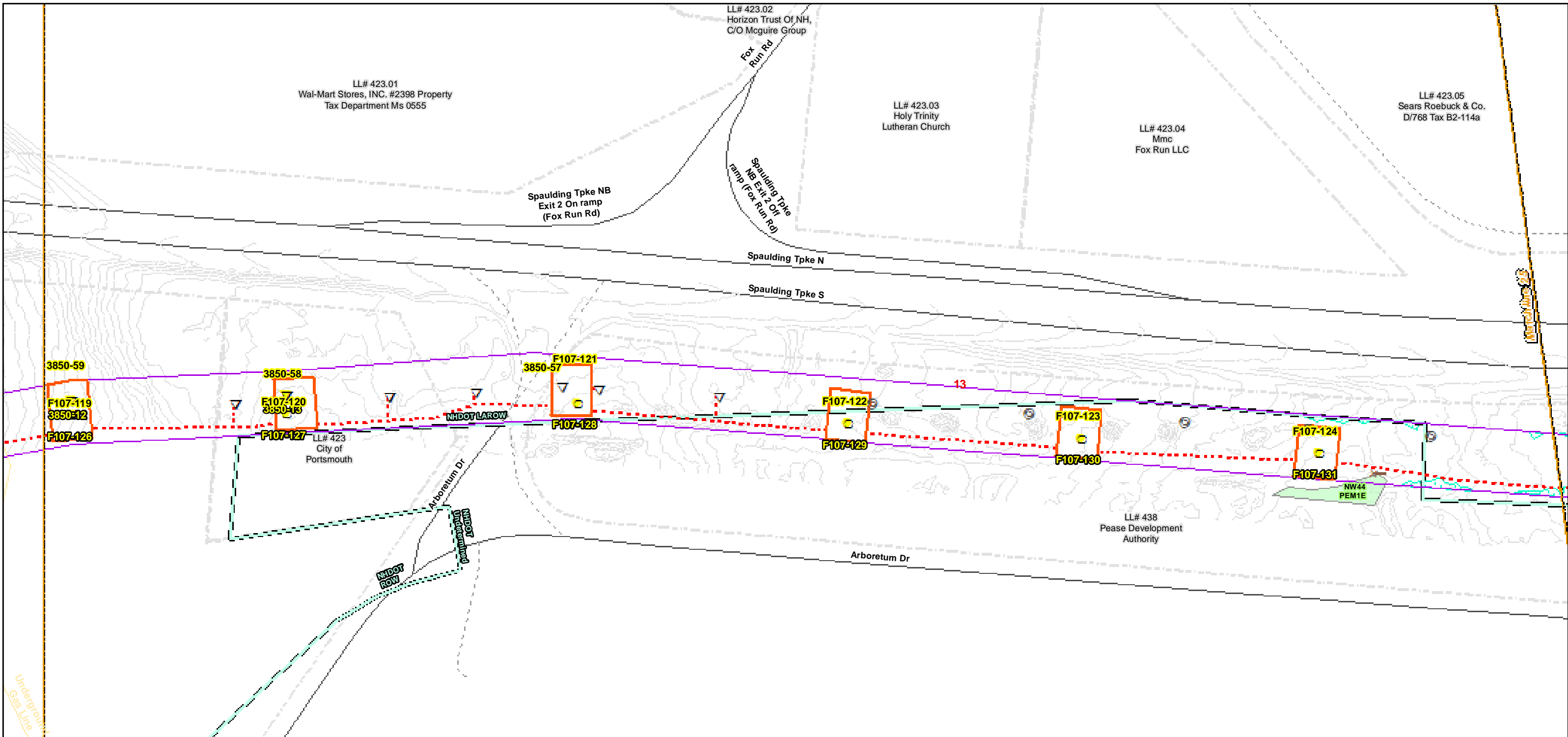
**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**

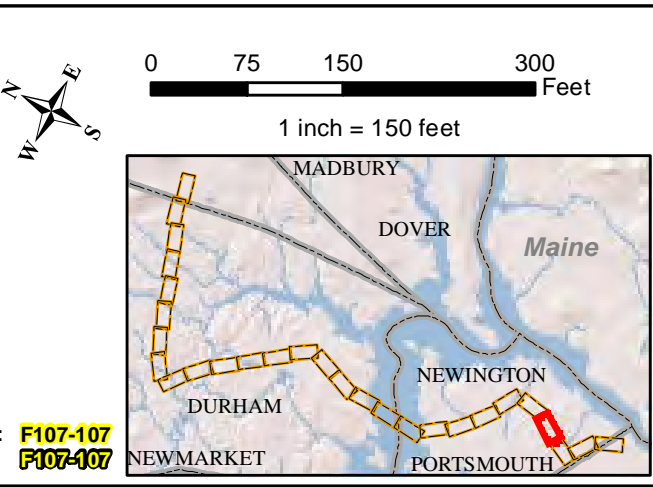
Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #s: **F107-107**  
 Permitting Structure #s: **F107-107**



Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

Town Boundary	Existing Str (Remain)	Temporary Culvert
Approximate Parcel Boundary	Existing Str (Removed/Modified)	Temporary Mat Bridge
PSNH Fee Area	Access Roads	NH DOT Right-of-way
Work Pad	Silt Curtain	Designated River Buffer 250'
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Private	Stream Centerline	Historic Districts
State	Stream Top of Bank	
Railroad		



**EVERSOURCE**  
ENERGY

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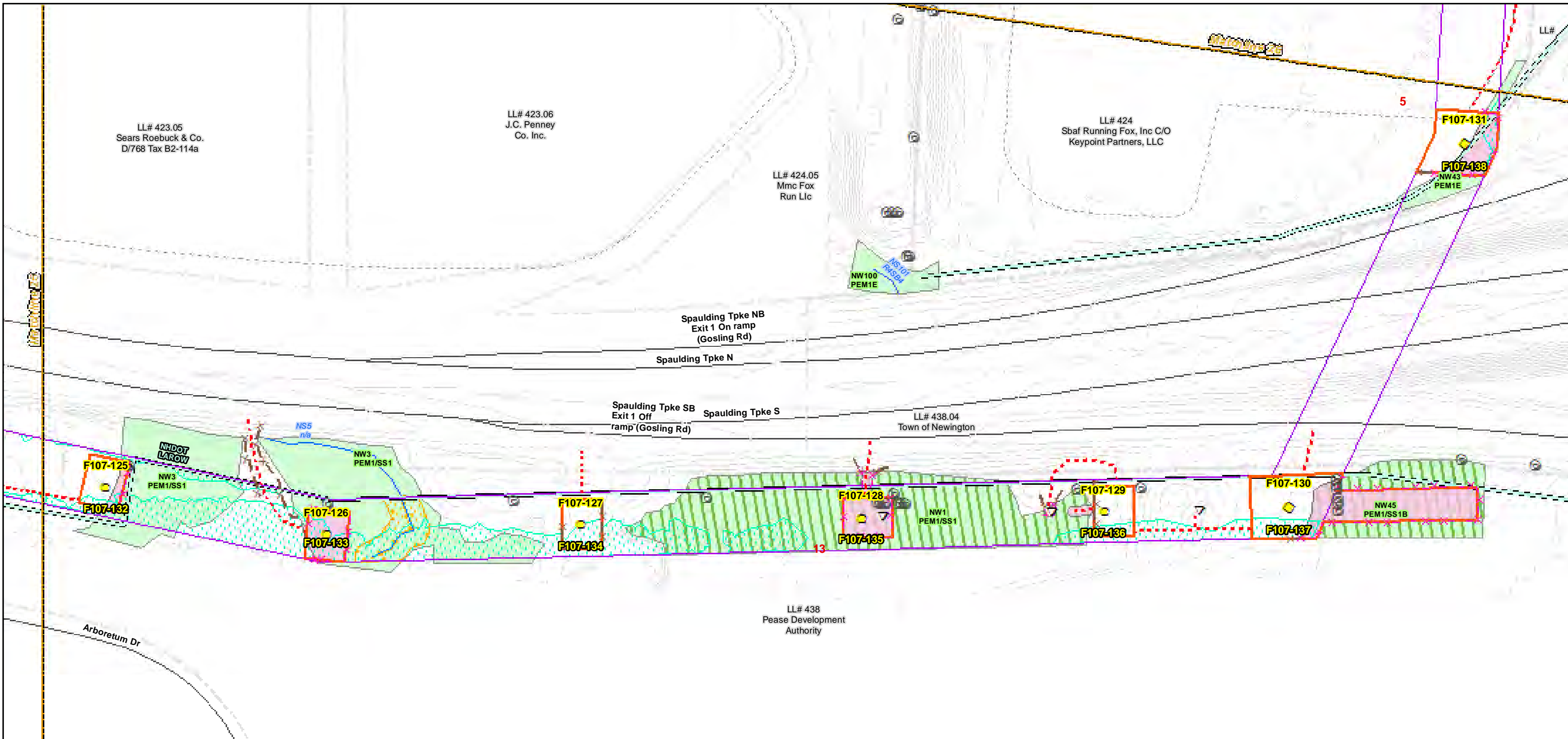
**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**

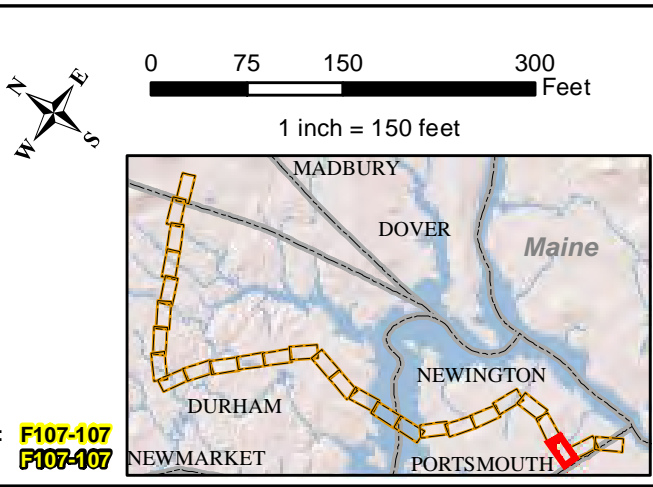
Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #s: **F107-107**  
 Permitting Structure #s: **F107-107**



Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

Town Boundary	Existing Str (Remain)	Temporary Culvert
Approximate Parcel Boundary	Existing Str (Removed/Modified)	Temporary Mat Bridge
PSNH Fee Area	Access Roads	NH DOT Right-of-way
Work Pad	Silt Curtain	Designated River Buffer 250'
<b>Roads</b>	Silt Fence, Hay Bale, Erosion Control Mix Berm	Tree Clearing
Local	Straw Wattle	2ft Contour
Not Maintained	Wetlands Impact	Stonewall alignment
Private	Stream Centerline	Historic Districts
State	Stream Top of Bank	
Railroad		



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**NORMANDEAU ASSOCIATES**  
Environmental Consultants

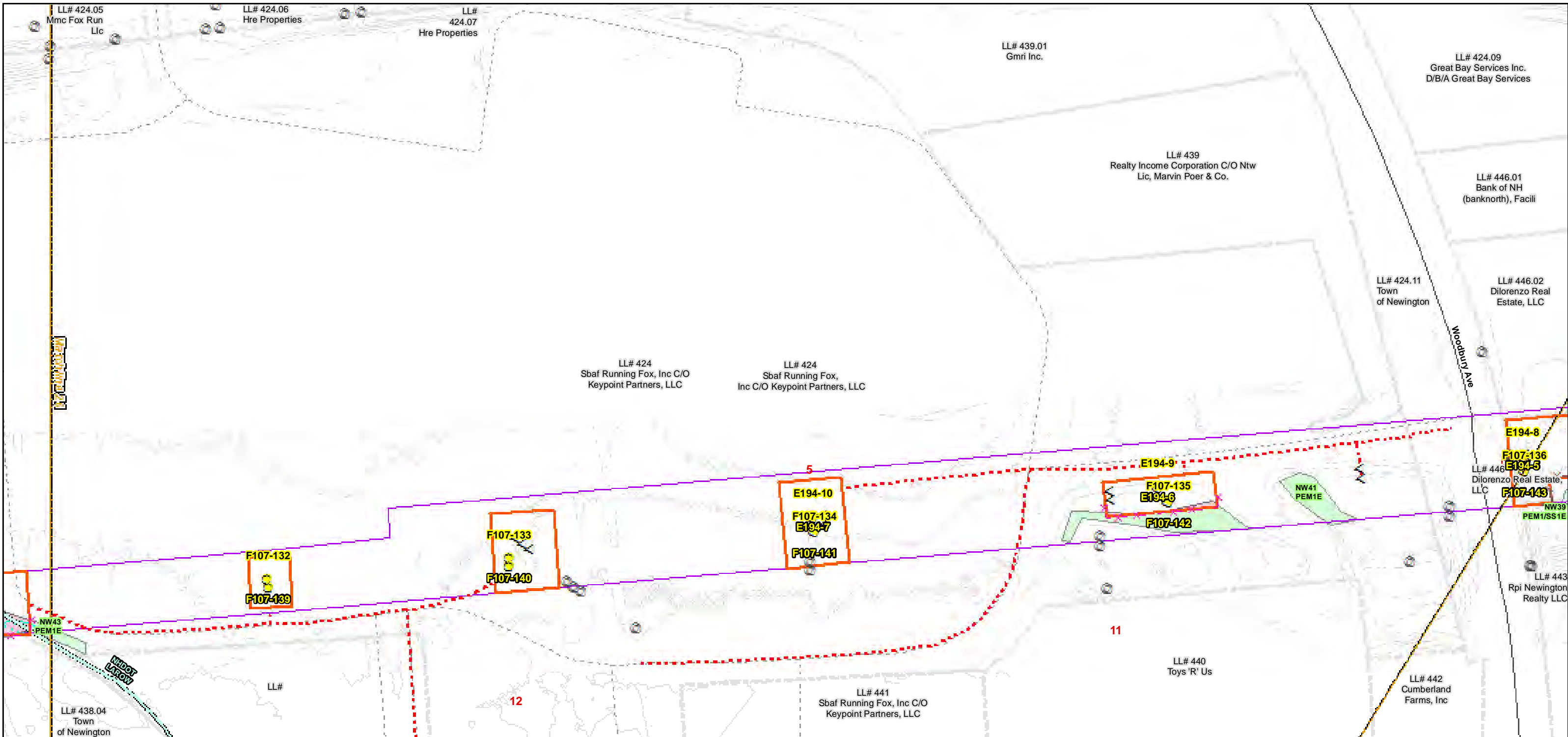
**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**

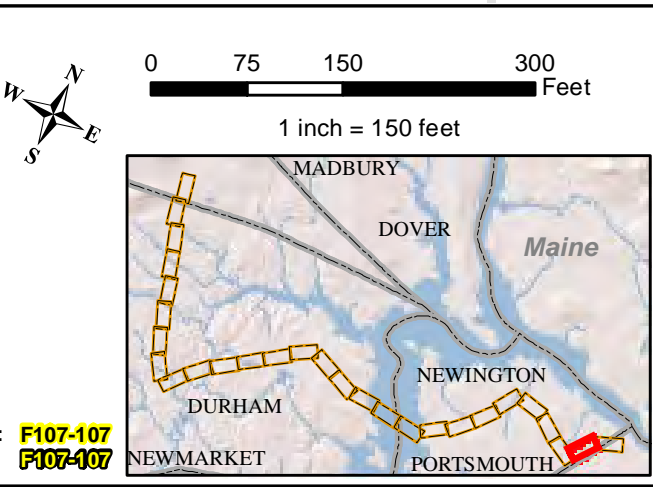
Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #: **F107-107**  
 Permitting Structure #: **F107-107**



Date : 7/26/2017  
 Drawn By: dpelletier  
 Project No: 22860.003

Town Boundary	Existing Str (Remain)	Temporary Culvert
Approximate Parcel Boundary	Existing Str (Removed/Modified)	Temporary Mat Bridge
PSNH Fee Area	Access Roads	NH DOT Right-of-way
Work Pad	Silt Curtain	Designated River Buffer 250'
<b>Roads</b>	Silt Fence, Hay Bale, Erosion Control Mix Berm	Tree Clearing
Local	Straw Wattle	2ft Contour
Not Maintained	Wetlands Impact	Stonewall alignment
Private	Stream Centerline	Historic Districts
State	Stream Top of Bank	
Railroad		



Parcel boundary and owner data were acquired from municipal databases as of May 2016.

Construction Structure #: **F107-107**  
 Permitting Structure #: **F107-107**

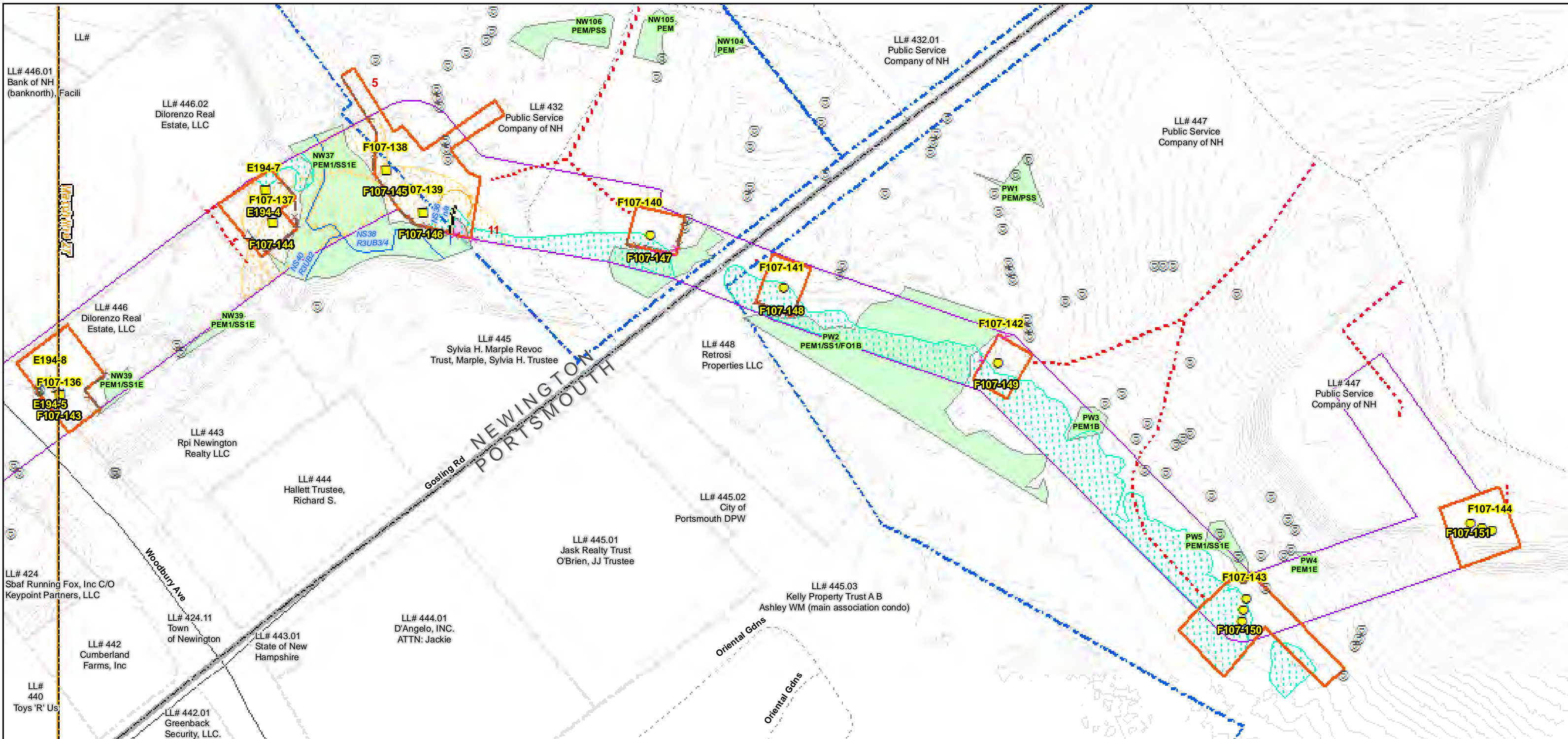
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**NORMANDEAU ASSOCIATES**  
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**Seacoast Reliability Project**

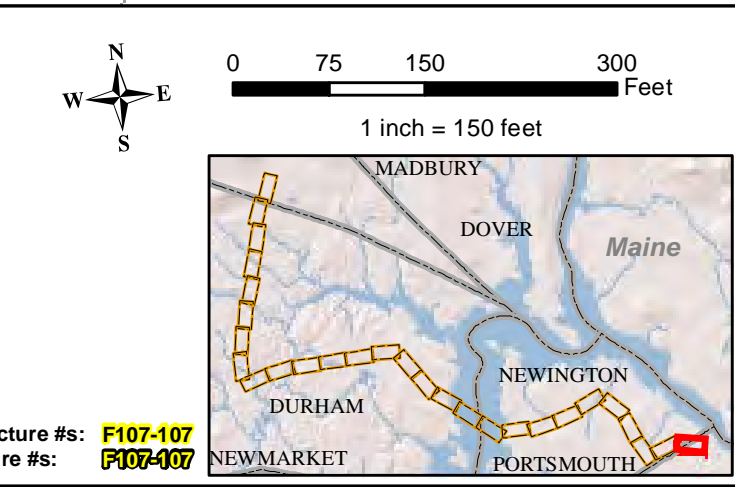
**Construction Access Plans**

**For Pre-Bid**



Date : 7/26/2017  
 Drawn By: dpellelier  
 Project No: 22860.003

Town Boundary	Existing Str (Remain)	Temporary Culvert
Approximate Parcel Boundary	Existing Str (Removed/Modified)	Temporary Mat Bridge
PSNH Fee Area	Access Roads	NH DOT Right-of-way
Work Pad	Silt Curtain	Designated River Buffer 250'
<b>Roads</b>	Silt Fence, Hay Bale, Erosion Control Mix Berm	Tree Clearing
Local	Straw Wattle	2ft Contour
Not Maintained	Wetlands Impact	Stonewall alignment
Private	Stream Centerline	Historic Districts
State	Stream Top of Bank	
Railroad		



Parcel boundary and owner data were acquired from municipal databases as of May 2016.  
 Construction Structure #: **F107-107**  
 Permitting Structure #s: **F107-107**

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Environmental Consultants

**Seacoast Reliability Project**

**Construction Access Plans**

**For Pre-Bid**

**From:** Mark Doperalski  
**Sent:** Thursday, November 02, 2017 3:07 PM  
**To:** 'Nancy Sandberg'; 'janet.mackie@comcast.net'  
**Cc:** Dena M. Champy; Feighner, Edna; 'Nadine.Miller@nh.gov'  
**Subject:** SRP - Stone Walls - Durham Portion  
**Attachments:** SRP Stonewall List\_Durham Segment.pdf

Hi Nancy and Janet,

Attached, per your request during last Friday's meeting, is a list of the stone walls identified within the Durham portion of the proposed SRP corridor. The list includes the Stone Wall ID, which corresponds to the ID's presented on the map set you have. Other information in the table includes the nearest roadway, whether or not the wall falls within a historic district, whether or not the wall is a property boundary, the wall's dimensions, whether or not the wall contains an existing breach, and the Project's proposed action with regard to each wall.

Please let me know if you have any issues opening the document.

Thank you,

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

**EVERSOURCE**  
13 Legends Drive  
Hooksett, NH 03106  
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603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)



Seacoast Reliability Project Stone Wall List for Durham Portion							
Stoen Wall ID	Road	In Historic District	Property Boundary wall per parcel layer	height	width	Existing Breach	Action
WP-2	Gables Way	no	no	--	--	no	No Impact to Construction
WP-3	Water Works Road	no	no	1.5	3	no	No Impact to Construction
WP-4	Waterworks Road	no	no	1.5	3	yes	Use existing Opening for Access
WP-5	Mill Road	no	yes	2.5	4	yes	Mat Over Stone Wall for Access
WP-6	Mill Road	no	no	2.5	3	yes	Widen Existing Opening
WP-7	Mill Road	no	no	1.5		partial	Mat Over Stone Wall for Access
WP-8	Mill Road	no	no	2	4	partial	Mat Over Stone Wall for Access
WP-8A	Mill Road	no	no	?	?	yes	Use existing Opening for Access
WP-9	Mill Road	no	no	1.5	4	yes	Use existing Opening for Access
WP-9A	Mill Road	no	no	2	3	yes	Mat Over Stone Wall for Access
WP-10	Mill Road	no	no	1.5	4	yes	Use existing Opening for Access
WP-11	Mill Road	no	no	2	4	yes	Widen Existing Opening
WP-12	Mill Road	yes	yes	1.5	3.5	no	Mat over Stone Wall for Access and Construction Pad
WP-13	Mill Road	yes	no	1.5	3	yes	Use existing Opening for Access
WP-14	Route 108	yes	no	1.5	4	yes	Use existing Opening for Access
WP-15	Route 108	yes	no	2	4	yes	Mat over Stone Wall for Access and Construction Pad
WP-16	Route 108	yes	no	2	4	no	Mat Over Stone Wall for Access
WP-17	Route 108	yes	no	2.5	3.5	no	Mat Over Stone Wall for Access
WP-18	Route 108	yes	yes	2	4	yes	Use existing Opening for Access
WP-19	Route 108	yes	no	1.5	4	yes	Use existing Opening for Access
WP-20	Route 108	yes	yes	2	4	partial	Do not cross
WP-25A	Timber Brook Lane	no	yes	2	4	no	Do not cross
WP-25	Timber Brook Lane	no	yes	1.5	3	yes	Use existing Opening for Access
WP-24	Timber Brook Lane	no	yes	2	3	yes	Mat Over Stone Wall for Access
WP-23	Timber Brook Lane	no	no	2.5	4	yes	Use existing Opening for Access
WP-22	Timber Brook Lane	no	no	2.5	3	no	No Impact to Construction
WP-21	Cutts Road	no	yes	2	4	yes	Mat Over Stone Wall for Access
WP-26A	Ffrost Drive	no	yes	?	?	no	Mat over Stone Wall for Access and Construction Pad
WP-26	Sandy Brook Drive	no	no	1	3	no	No Impact to Construction
WP-27	Sandy Brook Drive	no	yes	2	3	yes	Mat Over Stone Wall for Access
WP-28	Sandy Brook Drive	no	no	1	3	yes	Mat Over Stone Wall for Access
WP-29	Sandy Brook Drive	no	no	3.5	7	yes	Use existing Opening for Access
WP-30	Sandy Brook Drive	no	no	3.5	6	yes	Mat Over Stone Wall for Access
WP-31	Sandy Brook Drive	no	yes	1	3.5	no	Mat over Stone Wall for Construction Pad
WP-32	Sandy Brook Drive	yes	yes	2.5	5	yes	Mat over Stone Wall for Access and Construction Pad
WP-33	Longmarsh Road	yes	no	2	3	yes	Two existing openings: rebuild one, widen one
WP-34	Longmarsh Road	yes	yes	1.5	3	no	Mat Over Stone Wall for Access
WP-35	Longmarsh Road	yes	yes	2	5	yes	Use existing Opening for Access
WP-35D	Longmarsh Road	yes	no	2	4	yes	Use existing Opening for Access
WP-35C	Longmarsh Road	no	no	2.5	4	yes	Use existing Opening for Access
WP-35B	Longmarsh Road	yes	yes	1.5	4	yes	Use existing Opening for Access
WP-35A	Durham Point Road	yes	yes	2	4	yes	Mat Over Stone Wall for Access
WP-39	Durham Point Road	no	yes	2	4	no	Mat Over Stone Wall for Access
WP-38	Durham Point Road	no	possibly	2	4	yes	Mat over Stone Wall for Access and Construction Pad
WP-37	Durham Point Road	no	no	2	4	no	Mat over Stone Wall for Access and Construction Pad
WP-36	Durham Point Road	no	no	2	3	yes	Disassemble as needed

**From:** Nancy Sandberg <nancy.sandberg@comcast.net>  
**Sent:** Thursday, November 02, 2017 6:15 PM  
**To:** Mark Doperalski  
**Cc:** Janet Mackie; Dena M. Champy; Feighner, Edna; Nadine.Miller@nh.gov  
**Subject:** Re: SRP - Stone Walls - Durham Portion

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Dear Mark,

Thank you so much for sending your list of stonewalls in Durham. Janet and I will be reviewing it next week. We might need to be in touch with you with a question or two, if you don't mind.

Thanks again for helping us understand the stonewall situation in the Eversource ROW in Durham.

Best regards,  
Nancy

On Nov 2, 2017, at 3:07 PM, Mark Doperalski <[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)> wrote

Hi Nancy and Janet,

Attached, per your request during last Friday's meeting, is a list of the stone walls identified within the Durham portion of the proposed SRP corridor. The list includes the Stone Wall ID, which corresponds to the ID's presented on the map set you have. Other information in the table includes the nearest roadway, whether or not the wall falls within a historic district, whether or not the wall is a property boundary, the wall's dimensions, whether or not the wall contains an existing breach, and the Project's proposed action with regard to each wall.

Please let me know if you have any issues opening the document.

Thank you,

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

<image001.png>

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)

[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

---

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<SRP Stonewall List\_Durham Segment.pdf>

**From:** Miller, Nadine <Nadine.Miller@dncr.nh.gov>  
**Sent:** Monday, February 05, 2018 2:18 PM  
**To:** Mark Doperalski  
**Subject:** RE: SRP - contacting NPS regarding desired HAER Level

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---

Let me talk with Beth about the best way to proceed (who here should contact NPS etc.).  
The only reason I hesitate to move straight to the highest level of documentation is because measured drawings may be a component to that and I'm not sure that was something you had anticipated?  
I will get back to you tomorrow.

Hoping you are doing well despite the news from late last week...

Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

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---

**From:** Mark Doperalski [<mailto:mark.doperalski@eversource.com>]  
**Sent:** Monday, February 05, 2018 1:54 PM  
**To:** Miller, Nadine  
**Subject:** SRP - contacting NPS regarding desired HAER Level

Hi Nadine,

Lindsey from the USACE informed that she still cannot get a response from the NPS.

We are fine with completing the highest level of documentation, but I know you had wanted to first try your hand at obtaining a response from the NPS.

Please let me know how you'd like to proceed.

Thank you,

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

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**From:** Miller, Nadine <Nadine.Miller@dncr.nh.gov>  
**Sent:** Wednesday, February 07, 2018 2:32 PM  
**To:** Mark Doperalski  
**Subject:** RE: SRP - Cable House Movers

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---

I've checked around the office. We have worked successfully with Graton Associates and with Preservation Timber Framing. Both have done excellent work related to historic properties. We are not familiar with the other movers.  
Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
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[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

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---

**From:** Mark Doperalski [<mailto:mark.doperalski@eversource.com>]  
**Sent:** Tuesday, February 06, 2018 12:42 PM  
**To:** Miller, Nadine  
**Subject:** SRP - Cable House Movers

Hi Nadine,

Here is a list of qualified folks that are bidding on the Cable House moving job.

I know the DHR cannot recommend anyone, but I would certainly appreciate it if the DHR could share any good and/or bad past experiences you've had with any of these firms. I know Mr. Graton, but do not know the others.

Thanks,

Mark

Arnold M Graton Associates
Geddes Building Movers, Inc.
Admiral Building Movers
Stan's Granite State Building Movers
Preservation Timber Framing

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

**EVERSOURCE**

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**From:** Miller, Nadine <Nadine.Miller@dncr.nh.gov>  
**Sent:** Wednesday, February 07, 2018 2:33 PM  
**To:** Mark Doperalski  
**Subject:** RE: SRP - contacting NPS regarding desired HAER Level

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---

I'm going to prepare an email by the end of the week to NPS. Do you happen to have a digital version of the inventory form for the property?

Thanks,  
Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
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---

**From:** Mark Doperalski [<mailto:mark.doperalski@eversource.com>]  
**Sent:** Monday, February 05, 2018 1:54 PM  
**To:** Miller, Nadine  
**Subject:** SRP - contacting NPS regarding desired HAER Level

Hi Nadine,

Lindsey from the USACE informed that she still cannot get a response from the NPS.

We are fine with completing the highest level of documentation, but I know you had wanted to first try your hand at obtaining a response from the NPS.

Please let me know how you'd like to proceed.

Thank you,

Mark

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Cultural Resources Specialist

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**From:** Mark Doperalski  
**Sent:** Thursday, February 08, 2018 8:50 AM  
**To:** 'Miller, Nadine'  
**Subject:** RE: SRP - contacting NPS regarding desired HAER Level  
**Attachments:** Little Bay Underwater Cable Terminal Houses Historic District.PDF

Hi Nadine,

I've attached a PDF copy of the historic district area form.

Thanks,

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

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**From:** Miller, Nadine [<mailto:Nadine.Miller@dncr.nh.gov>]  
**Sent:** Wednesday, February 07, 2018 2:33 PM  
**To:** Mark Doperalski <[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)>  
**Subject:** RE: SRP - contacting NPS regarding desired HAER Level

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**From:** Mark Doperalski [<mailto:mark.doperalski@eversource.com>]  
**Sent:** Monday, February 05, 2018 1:54 PM  
**To:** Miller, Nadine  
**Subject:** SRP - contacting NPS regarding desired HAER Level

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Please let me know how you'd like to proceed.

Thank you,

Mark

**Mark Doperalski, M.A., RPA**  
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**AREA FORM**

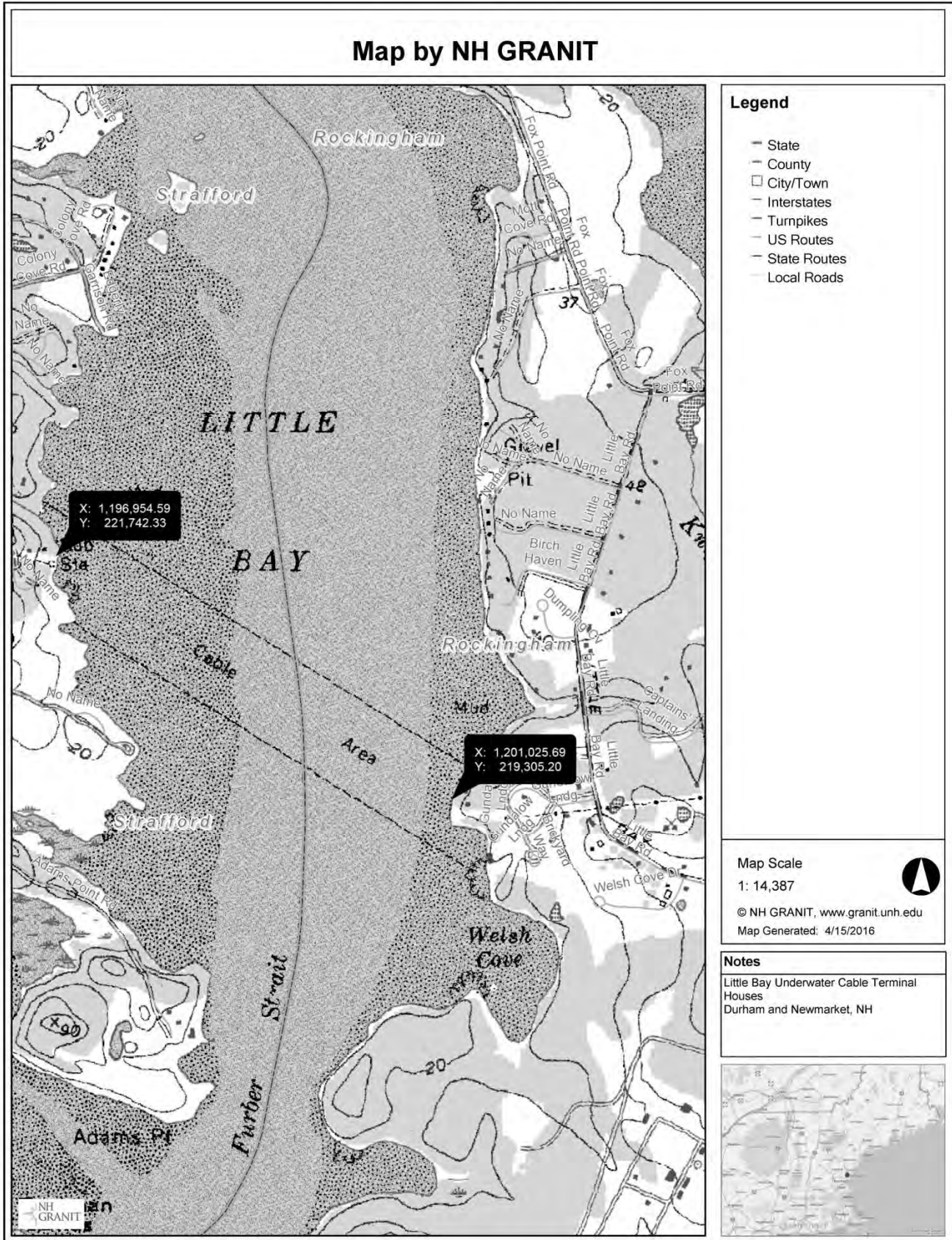
## LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES

1. Type of Area Form  
Town-wide:   
Historic District:   
Project Area:
2. Name of area: Little Bay Underwater Cable Terminal Houses Historic District
3. Location: Near 295 Durham Point Road, Durham, near 44 Gundalow Landing, Newington, and adjacent underwater areas of Little Bay
4. City or town: Durham and Newington
5. County: Stratford and Rockingham
6. USGS quadrangle name(s): Dover, NH
7. Dataset: SP Feet, NAD83
8. SP Feet: see map
9. Inventory numbers in this area  
N/A
10. Setting: Shorelines of Little Bay
11. Acreage: approximately 11 acres
12. Preparer(s): Carol Hooper, Kari Laprey, Lynne Monroe
13. Organization: Preservation Company, Kensington, NH
14. Date(s) of field survey: March 2016

AREA FORM

LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES

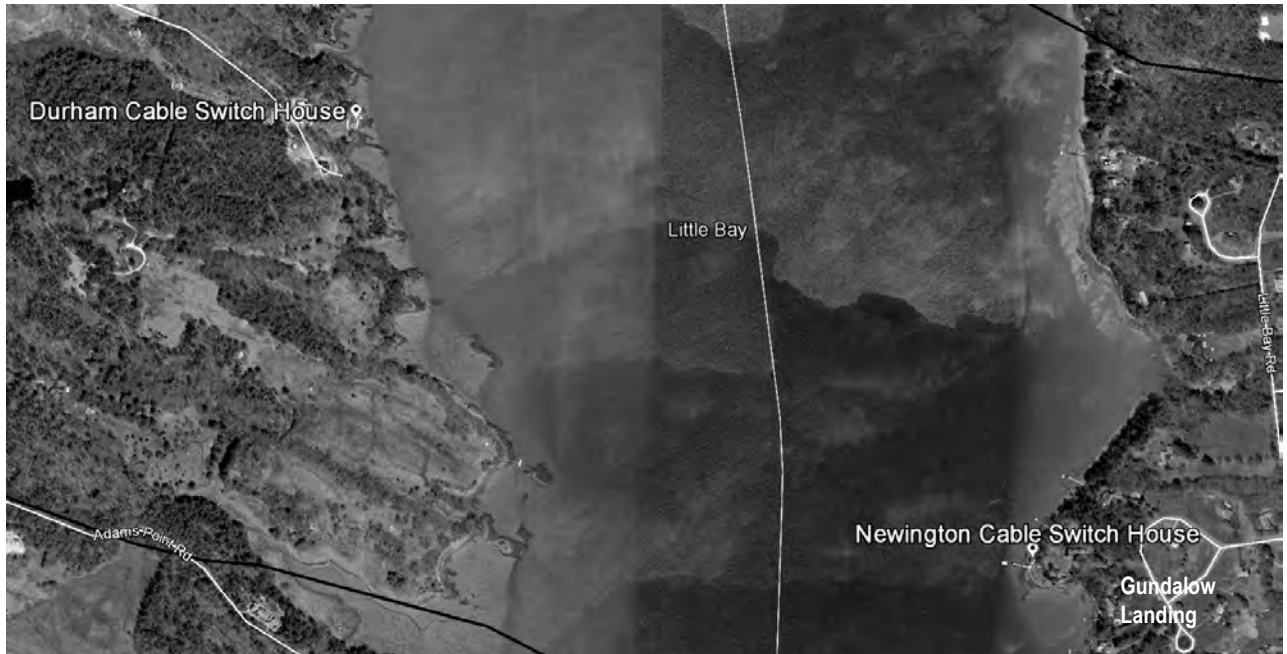
15. Location map



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**LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES**

**16. Sketch maps**



from PSNH – F107 Cable Survey Final Report (Caldwell Marine 2014)

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## LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES

**17. Methods and Purpose**

This form is being prepared in connection with the proposed Seacoast Reliability Project, a portion of which would follow the same underwater corridor as that included in this district. Historical information about the resources is based primarily on two contemporary (1902, 1903) trade journals, as well as on historic maps, deeds, an underwater inspection and some minor (post-1960) deed research. Research resources utilized for this form include the Newington Historical Society; the New Hampshire Historical Society; the New Hampshire State Library, the New Hampshire State Archives and various Internet sites.

**18. Geographical Context**

The Little Bay Underwater Cable Terminal Houses District consists of three components: a cable terminal house in Newington on the east side of Little Bay, a cable terminal house in Durham on the west side of Little Bay, and an underwater cable laid in 1902 in Little Bay between the two terminal houses.

Little Bay is the narrower northern section of the Great Bay estuary into which the Oyster River and Bellamy River flow, before joining the Piscataqua River. The lightly developed shoreline of Little Bay is irregular with many coves and shallow inlets separated by points of land. The underwater cable travels southwest/northeast roughly 0.9 mile from just north of Welsh Cove (and south of Fox Point) in Newington to north of Adams Point (south of the Oyster River) in Durham. The terminal houses, located on the shore of Little Bay, are accessed from Gundalow Landing in Newington and Durham Point Road in Durham.

**19. Historical Background**

The Little Bay Underway Cable Terminal Houses District was a component of what was by far New Hampshire's earliest and largest integrated electric street railway and power production/transmission system. The transmission system, which largely (although not exclusively) provided power to the street car system, extended from Pelham in the south to Rochester in the north, some eighty miles. The street railway system went from Lowell, Massachusetts, and Nashua, New Hampshire, northeast to the New Hampshire seacoast and north to Rochester and Somersworth (Great Falls). The railway system also provided access to beach areas including Hampton Beach and recreational venues such as Canobie Lake. (See historical map.) By the time most of the transmission system was constructed, it was controlled by a single holding company, the New Hampshire Traction Company.

**Formation of the New Hampshire Traction Company and the "Lovell System"**

The seacoast and southeast corner of New Hampshire was the site of a number of early electric street railways. Dating from the 1890s or early 1900s (but preceded by many horse-drawn systems) most were eventually taken over and consolidated, or constructed by, trolley promotor and investor Wallace D. Lovell (1854-1906). These transit systems evolved into the unified electrical transmission and streetcar system responsible for the construction of the cable terminal houses.<sup>1</sup>

Around the turn of the century, Lovell combined a number of existing operating systems in the seacoast area as well as systems near Rochester, under the common control of the Exeter, Hampton

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<sup>1</sup> Information on Lovell and his street cars comes from a series of 1951 newspaper articles by James L. Tuck which have been put online by the Hampton library:  
<http://www.hampton.lib.nh.us/hampton/history/ourtown/trolleys1.htm>



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and Amesbury Street Railway.<sup>2</sup> At the same time Lovell constructed a number of new lines including the Portsmouth and Exeter, the Seabrook and Hampton Beach, the Haverhill, Plaistow and Newton, and the Rochester Street Railway. Most of the lines were leased to the Exeter, Hampton and Amesbury Street Railway.

In November 1901, anxious over Lovell's tremendous outstanding debt, their own heavy investment in his companies, Lovell's New York investors (apparently chiefly the New York Security & Trust Company) forced a restructuring of the Lovell companies. Using a series of transactions through intermediaries, New Hampshire Traction Company was formed by Lovell and four others in New Hampshire as a holding corporation for the assets of all of Lovell's companies.

At its peak in 1902, the Lovell's unified network of electric railroads covered 132 miles and serviced the following towns going roughly from north to south: Rochester, Gonic, Great Falls (Somersworth), Dover, Portsmouth, Greenland, Statham, Newmarket, Exeter, North Hampton, Hampton Beach, Seabrook, Amesbury, Massachusetts, Newton, Haverhill, Massachusetts, Plaistow, Salem (including Canobie Lake), Lawrence, Massachusetts, Pelham, Nashua and Lowell, Massachusetts (Anonymous 1902:571).<sup>3</sup>

#### Design and Construction of the Unified Electrical Transmission System

Before the Lovell properties were transferred to New Hampshire Traction, Lovell apparently had already begun work on building an electric transmission system to supply power to his trolley lines. In 1900, he organized the Rockingham County Light and Power Company which took over the Portsmouth Gas and Electric Power and Light Company (Tuck 1951).<sup>4</sup> Likely at roughly the same time, work began on the electrical production and transmission system. The New York engineering firm of Sanderson & Porters were hired as consulting engineers for the entire project (Anonymous 1902:575). They were also the general contractors for what was the heart of the system, the Daniel Street generating plant in Portsmouth (now Harbour Place condominiums) which produced power for the entire eighty-mile system. The Portsmouth steam generating station was a key component of the system since it was located at one of few locations where coal could be brought in by boat, thereby avoiding the high cost of transporting coal on the railroad. Because of the distance between the generating system and its ends (forty-two miles away on one end) a relatively high (13,200 volt) voltage for the transmission was required. At the time it was completed in 1902, it was the longest electrical transmission line at high voltage in New England (Anonymous 1902:569).

The transmission line was sited to take the shortest route between the system's eight substations rather than following the rail line. The transmission line generally ran to the west of the ocean/shoreline and the Massachusetts border (only two miles of it was in Massachusetts) (Anonymous 1902:570).<sup>5</sup>

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<sup>2</sup> Lovell "acquired or produced" the Exeter, Hampton & Amesbury; the Amesbury & Hampton; the Haverhill, Plaistow & Newton; the Haverhill & Plaistow; the Seabrook & Hampton Beach; the Dover, Somersworth & Rochester; the Portsmouth & Exeter; the Hudson, Pelham & Salem; the Lawrence & Methuen; the Haverhill & Southern New Hampshire, the Lowell & Pelham Street Railway companies (Webster 1922: 285).

<sup>3</sup> Lovell had other economic interests, for instance in the casino in Hampton, and Canobie Lake Park. The system operated to maximize customers to these entities.

<sup>4</sup> Rockingham County Light and Power Company also later became part of NH Traction.

<sup>5</sup> The New York engineering firm of Sheaff & Jaastad designed the eight substations which were co-located with trolley barns. One of the combined car barn/substations, the Plaistow Carhouse, at 27 Elm Street in Plaistow, is listed on the National Register. Other standing examples in New Hampshire include: the Salem car barn (179 Main Street) and the Rochester car barn (1 Old Dover Road).

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Given the location of the power station in Portsmouth, a key question in designing the system would have been how to cross or avoid the vast Great Bay/Little Bay estuary on the Portsmouth to Dover portion of the system. Avoiding the estuary would have involved an extensive detour and because of the width of the water bodies involved, overhead lines were not practical. The innovative solution was the laying of a 0.9-mile-long segment of cable going under Little Bay and construction of fire-proof terminal houses on either end to house the connection between the underwater and overhead lines.<sup>6</sup>

The use of submarine cables for telegraphs goes back to the mid-19th century. (A cable was laid under the English Channel as early as 1850.) However, their use for power cables at the turn of the century, particularly at this voltage, appears to have been relatively unique. A description in *Electric Review Magazine* in 1903 describes the Little Bay cable crossing: “It was decided to avoid the use of either a great span or of raising and lowering transformers at this crossing and to complete this line through a submarine cable operating at the full voltage of transmission.” The article goes on to state, “On submarine cables, the voltage of 13,500 in the Portsmouth and Dover transmission, above mentioned is perhaps as great as any in use.”

The necessary rights of ways to accommodate the underwater crossing of Little Bay were secured in 1902. On the Newington side the Rockingham County Light and Power Company acquired a right of way from Joshua Pickering in May 1902 giving it the power to establish, set and forever maintain, “a line of poles upon which to stretch and forever maintain wires for transmission of electric energy and power and current” (Rockingham County Deeds Book 590 Page 441). Construction of the cable houses and the laying of the submarine cable likely took place in the summer of 1902.<sup>7</sup>

Electricity began flowing from the Portsmouth plant to the Hampton substation August 9, 1902, and the rest of the system was apparently operational by September (Anonymous 1902:573). The basic route of the New Hampshire Traction Company transmission lines and the underwater cable system influenced the electrical transmission systems in this part of the state well into the twentieth century.

#### Subsequent History

Around 1949, a new 34.5 kV transmission line (New Hampshire Gas & Electric Company’s “North Line” or “Portsmouth to Epping power line” also known as Line 3161) was installed. A new underwater cable was added at the same crossing, and much of the overhead line and overall path of the 1902 transmission line was replaced. On the west side of Little Bay, instead of cutting north and crossing the Oyster River, the new line headed to the west towards Epping. Based on historic aerial maps, the original path of the 1902 right of way (greatly widened) extends roughly 1.3 miles west into Durham after crossing Little Bay. On the east side of Little Bay, as part of the same 1949 project, the route was changed beginning roughly 1,000' east of Little Bay Road. On both sides, however the entire transmission line and all of the supporting structures were replaced.

Finally, in the mid-1990s the submarine crossing was abandoned (Sperry 2016). Thereafter, on the Newington side, the right-of-way was shifted and the cable house transferred to the adjacent land owner. The route of the Durham right of way adjacent to the cable terminal house remains unchanged.

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<sup>6</sup> Aside from the underwater cable and the system’s overall length and voltage, the transmission system had a number of other innovative characteristics which were noted in the 1902 article. Among these were the use of standard leases prepared for the purchase of the right-of-ways, the Hampton River Bridge – one of the longest built for trolleys on which the transmission line ran – and portable substations.

<sup>7</sup> As of March 1902, the line was in the process of being laid out in Dover, and the “submarine cable” had yet to be laid (*Portsmouth Herald* 3/20/1902).

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## LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES

**20. Applicable NHDHR Historic Context(s)**

93. Electricity generation and distribution in New Hampshire.

**21. Architectural Description and Comparative Evaluation**Newington Cable Terminal House

The Newington Cable Terminal House is reached via Gundalow Landing, a circular drive off of Little Bay Road that provides access to a handful of ca. 1980-90s era houses (Little Bay Estates subdivision). As mentioned above, after the ROW was shifted, the original path of the 1902 right-of-way was transferred to the adjacent property owner (with the terminal house) by PSNH in 1997. The terminal house is now incorporated into the dock of the property owner.

The brick cable terminal house is roughly 8' by 20' and 17' high. It has concrete and mortared stone foundations. Apparently to prevent deterioration of the foundations, a concrete collar was built around the foundations at an unknown (but not recent) date. On its long (water side) elevation the house has two segmental arched window openings with concrete sills located roughly 3' above the foundation. One opening has metal shutter dogs to one side. The roof is largely flat but is slightly higher on the landside, so it inclines toward the water.

The altered cable terminal house has a wood two-flight covered stair structure which has been added onto the landside of the cable house. It leads to a platform extending out over the roof of the cable house. The south side of the cable terminal house has been connected by a walkway to the dock structure. An additional entrance has been added to the side of the cable house and window openings have 1/1 windows of recent vintage. Doors also are of recent vintage. Recent work has been done to stabilize the cable house foundation.

Underwater Cable

According to an underwater survey done in 2014, there are four cables extant in the corridor between the two cable terminal houses. Three cables are 1" in diameter and the other one is 3" in diameter. The narrower cables likely are early or original and the wider cable likely was laid in 1949 when the new 34.5kV North Line was put in. The early underwater cables are lead covered with substantial coverings around the conductors. The cables were laid on the substrate surface although today in a number of locations they have worked their way down into the silt. The cables have also drifted with the current in a number of locations and they are no longer cross the channel in a straight line between the two houses. All of the cables are out-of-service; none are longer connected to the cable houses or to the electrical transmission grid. At least some of the cables appear to be continuous across the bay (Caldwell Marine 2014:10).

Durham Cable Terminal House

The Durham Cable Terminal House is located on the east side of Durham Point Road on an existing, 1949 PSNH right-of-way. It is on the bank of Little Bay, roughly a half mile southeast of where the ROW crosses Durham Point Road south of Colony Cove Road. Newer houses are located on either side of the ROW, which is slightly inland and roughly 300' north and south of the Cable Terminal House. The current right-of-way dates from 1949, and only partially overlaps with the 1902 right-of-way.

The brick cable terminal house is roughly 20' by 8' and 17' high. It has concrete and mortared stone foundations. On its long (water side) elevation the house has two segmental arched window openings with concrete sills located roughly 3' above the foundation. The southern opening has metal shutter dogs to one side. The roof is largely flat but is slightly higher on the landside, so it

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## LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES

inclines toward the waterside. There is a single entrance located on the north side of the building. It too is segmentally arched. The door has been boarded up and is not visible. Only one of the two window openings still has any fenestration. It retains half of what was originally a four-pane fixed wood window. The interior was not assessable.

Historic Alterations to the Cable Houses and Cable

Aside from the recent alterations to the Newington cable house mentioned above, the cable houses as they presently exist differ in a number of respects from their description in the contemporary publications. Most significantly the buildings appear to have been enlarged. The historic description gives the size of the houses as 6' x 8', roughly one third of the houses' current length. Their height is described as 12'-9" (roughly 4' shorter than currently). In addition, the 1902 drawing shows a gabled roof which is stepped on one side. The written description indicates a concrete foundation and tile or slate roof.

No written documentation has been located to explain the differences between the 1902 drawings/description and the cable houses current dimensions and roof configuration. However, based on a close examination of the building fabric it appears that the buildings were roughly doubled in size. Both buildings appear to have a seam line roughly in the center of the building which can be seen both in the brick in the body of the buildings and in their foundations. Judging from the landward elevation of the Durham cable house (where small squares that have been infilled show where overhead lines connected to the building), it would seem likely that the buildings were added on to when the electrical service was changed and additional lines were added. It was likely at the time the buildings were expanded that the roof structure was changed and the buildings' height increased. Although no date has been identified for this expansion, a property plan from 1948 indicates that at that time the cable houses were their current dimensions (Moulton 1948). Given the condition and appearance of the building materials and the design, it seems likely that the change was made considerably before the 1948 plan.

In terms of the underwater cables, according to the 1903 article, "A single lead-covered cable containing three conductors makes connection between these two terminal Houses" (Adams 1903:1895). As mentioned above, four transmission cables (3-1" and 1-3") are presently in the corridor. Likely one of the 1" cables dates to 1902, with the other smaller cables somewhat later. (They could correspond to the date of the expansion of the cable terminal houses.) The larger cable reliably dates to ca. 1948 when it replaced the earlier cables. Since at least 1990 (and likely earlier) none of the underwater cables have entered either of the cable houses and there is no longer any connection at all with the electrical transmission system. According to the contemporary articles, originally the submarine cable entered the foundation of the buildings, and climbed the opposite wall roughly 11' to a connection with the ends of the overhead lines. The 1903 account describes the submarine cable connection and the lightning arrestors. According to the description, the submarine cable:

Extends up the side, having an outlet at a point 8'-9" above the floor, where the three conductors separate and pass to the porcelain supports at the outlet which are spaced two feet apart. Just back of each of these supports a tap passes from the line conductor to a knife switch and series of lightning arresters mounted on a frame of 4" x 4" white pine. The three series of lightning arresters are joined to a common ground plate, and between the series are placed slabs of slate, each 1" x 24" x 7'-10" (Adams 1903:1895).

**AREA FORM****LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES****Comparative Properties**

No other cable terminal houses are known to survive in New Hampshire. The 1902 article described four similar “cable switch houses” built as part of the same project. These were used where the transmission line went under the railroad (specifically the line going from Portsmouth to Hampton crossed the B&M Railroad) and where transmission lines intersected (in Greenland and Seabrook) (see map) (Anonymous 1902:570). According to Eversource engineers, these are not extant and they know of no other examples of underwater crossings (of this era) or cable terminal houses of any era in New Hampshire (Jiottis, Sperry 2016).<sup>8</sup>

**Table of Resources**

Town	Street Address	Name	Tax Map/Parcel
Newington	Near 44 Gundalow Landing,	Newington Cable Terminal House	22/5
Newington/Durham	On floor of Little Bay	Little Bay underwater cable	N/A
Durham	Near 295 Durham Point Road	Durham Cable Terminal House	20/12-1

**22. Statement of Significance**

The Little Bay Underwater Cable Terminal Houses Historic District is eligible for the National Register under Criterion A for its significance as an early underwater electrical transmission cable system. At the time it was constructed, it was noted in trade publications as being one of the highest voltage underwater cables in the U.S. It also has significance as a component of what was by far New Hampshire’s earliest and largest integrated electric street railway and power production/transmission system and the longest electrical transmission line at high voltage in New England (Anonymous 1902:569). The NH Traction Company’s transmission system and its route influenced the design of the electrical transmission system in the seacoast area of New Hampshire well into the twentieth century.

**23. Periods(s) of Significance**

1902-1966 (50-year National Register age-eligibility criterion)

<sup>8</sup> According to Eversource engineers, there are no specific underwater *transmission* cable crossings in New Hampshire. There are some *distribution* crossings, the most significant being a 34.5 kV line crossing Lake Winnisquam installed in approximately 2002. There are smaller underwater distribution cables which feed some of the islands on various lakes around the state (Jiottis 2016). Because of its size, a comprehensive survey of what might remain of the 1902 transmission system was outside the scope of this form. As noted above, substations/car barns from the system do survive, as does the building that housed the Portsmouth Generation Station. Near the cable terminal houses, it is clear that the sections of transmission line do not retain integrity. On both the Newington and Durham sides, the transmission line and structures were entirely replaced in 1949.

## 24. Statement of Integrity

The cable terminal houses appear to retain sufficient integrity to demonstrate their significance under National Register Criterion A relating to the history of “Electricity generation and distribution in New Hampshire.” They retain integrity of location, setting, feeling and association. And, although potentially enlarged in the historic period, they retain integrity of materials and design. Alterations to the Newington cable house, namely the exterior stair and platform are completely reversible and the building still retains its historic appearance on the water and side elevations.

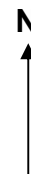
The underwater cables although likely (more or less) *in situ*, are of unknown integrity. They no longer enter the cable terminal houses and are no longer connected to the electrical transmission system. They lay on the floor of Little Bay, some in multiple pieces.

## 25. Boundary Justification

The original 1902 deeds, although not specifying a right-of-way width, gave the Portsmouth Gas and Electric Power and Light Company the right to cut trees located within 1 rod (16.5') on either side of the electrical line. By 1916 a standard 66' right-of-way had been established (Stafford County Deeds Book 575 page 425). In 1948 the right-of-way was expanded to 100', the width it remains today. The width of the right-of-way has been used as the width of the district under Little Bay. This represents an area likely to include the original 1902 cable. (Cable locations could be affected by tidal drift, for instance.)

## 26. Boundary Description

The district is roughly 100' in width (50' from the centerline of each cable terminal house) and travels roughly 0.9 mile across Little Bay in a northeast/southwest direction. The north and south ends of the district incorporate the far (landward) wall of the cable terminal houses, as indicated below.



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## LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES

**27. Bibliography and/or References**

Anonymous

1902 "Long Transmission from a Steam Station for Electric Traction" *Electrical World and Engineer*, Vol. XL. No. 15 (Oct. 1902) NY p. 569-576.

Adams, Alton

1903 "Electrical Transmission Under Land & Water" *Electrical Review*, Vol. 42 No. 25 (June 1903) P. 894-895.

Bennett, Lance et al. (for Stratford-Rockingham Counties Regional Council)

1980 National Register Nomination for the Plaistow Carhouse.

Caldwell Marine International

2014 PSNH – F107 Cable Survey Final Report.

New Hampshire Public Utilities Commission

1923 Annual & Statistical Report of the PUC for the Year Ending 12/31/1922.

Public Service Company of New Hampshire

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2016 Electronic Communication with Carol Hooper.

Sackett, Everett

1976 *Fifty Years of Service: A History of Public Service Company of New Hampshire*. Manchester: Capital Offset Co. Inc. (Available at NH State Library).

Tucker, James W.

1951 "Colorful Era of Electric Railways," Hampton Union September 27, 1951 to November 8, 1951. Available online at: <http://www.hampton.lib.nh.us/hampton/history/ourtown/trolleys1.htm>

Street Railway Journal

1906 [Death notice for Wallace D. Lovell] April 7, 1906 p. 583.

Sperry, Joseph, Engineer, Eversource

2016 Electronic Communication

Tucker, James

1951 "Our Town" Hampton Union October 18, 1951. Available online at: <http://www.hampton.lib.nh.us/hampton/history/ourtown/trolleys4.htm>

Webster, Fredrick E.

1922 "A History of Street Railways and Power Development in New Hampshire" *Granite State Monthly* Vol LIV No. 8 (August 1922) p. 281-88.

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LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES

**Drawings and Maps**

Moulton, Albert.

1948/9 "New Hampshire Gas & Electric Co... 'North Line' Portsmouth to Epping Power Line Right-of-way." Stratford County Deeds Pocket 2; folder 16; Plan 20. ( Surveyed Nov. 1948.)

U. S. Coast and Geodetic Survey

1914 U. S. Coast Survey Chart "Portsmouth to Dover and Exeter"

United States Geological Survey (USGS)

1918, 1956

Dover, N.H.-Maine quadrangle, scale 1:62 500 [U.S. Geological Survey, www.usgs.gov, accessed April 2015]

**Deeds**

Rockingham County Deeds

1900 Book 577, Page 1

1902 Book 590, Page 441

1950 Book 1191, Page 205

1951 Book 1200, Page 159

1984 Plan D-12730

1997 Book 3231, Page 2794

Stratford County Deeds

1949 Book 577, Page 466

1950 Plan 01667

1949 Plan Pocket 2; folder 16; Plan 20.

**28. Surveyor's Evaluation**

NR listed: district

          individuals

          within district

Integrity: yes

          no

NR eligible:

          district

          not eligible

          more info needed

NR Criteria: A

          B

          C

          D

          E

If this Area Form is for a Historic District: # of contributing resources: 3\*

          # of noncontributing resources: \_\_\_\_\_

\*Note that the underwater cable between the two Cable Terminal Houses may be in multiple pieces but is counted as a single resource.

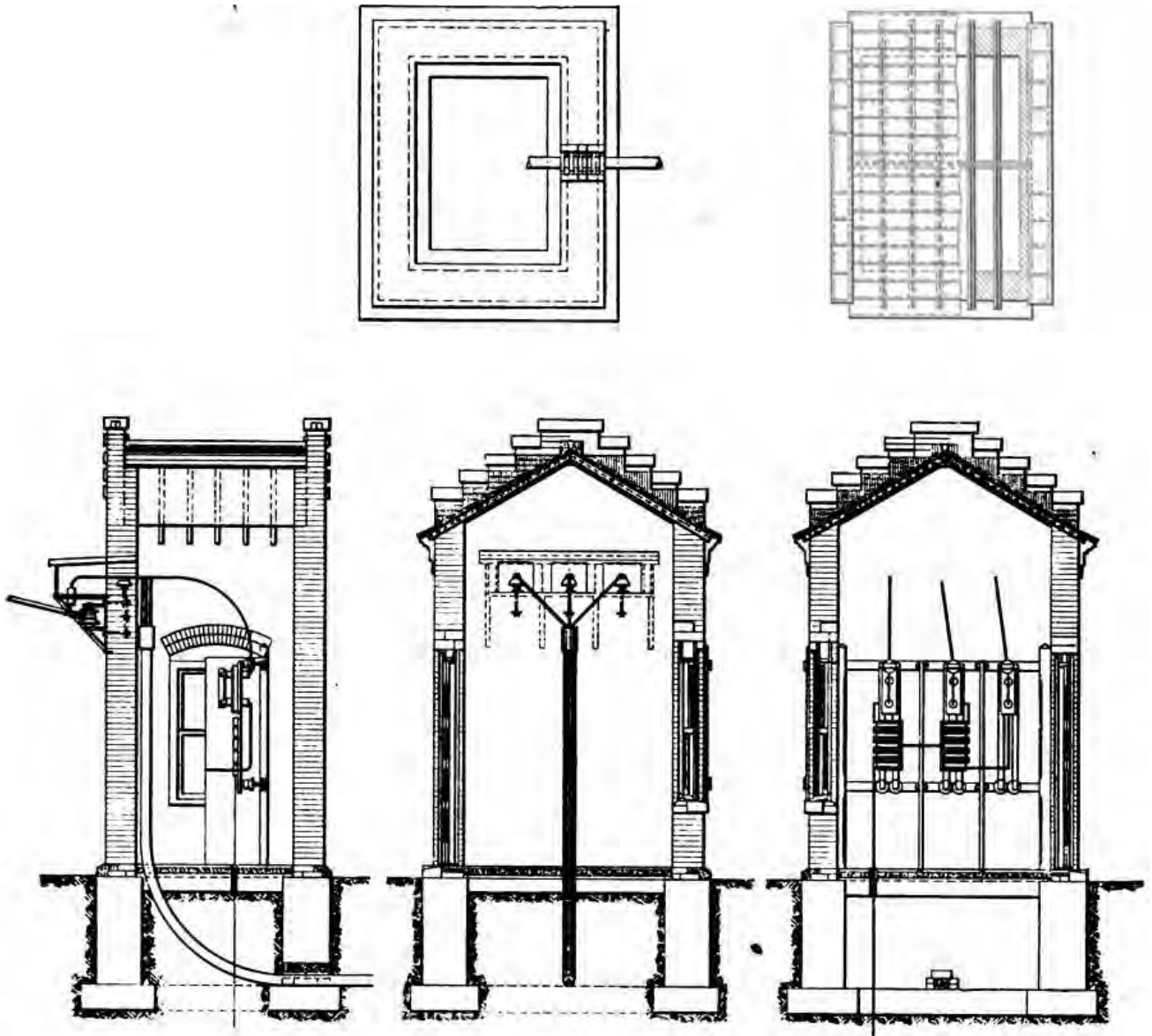


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**Historical Maps, Plans and Photos**

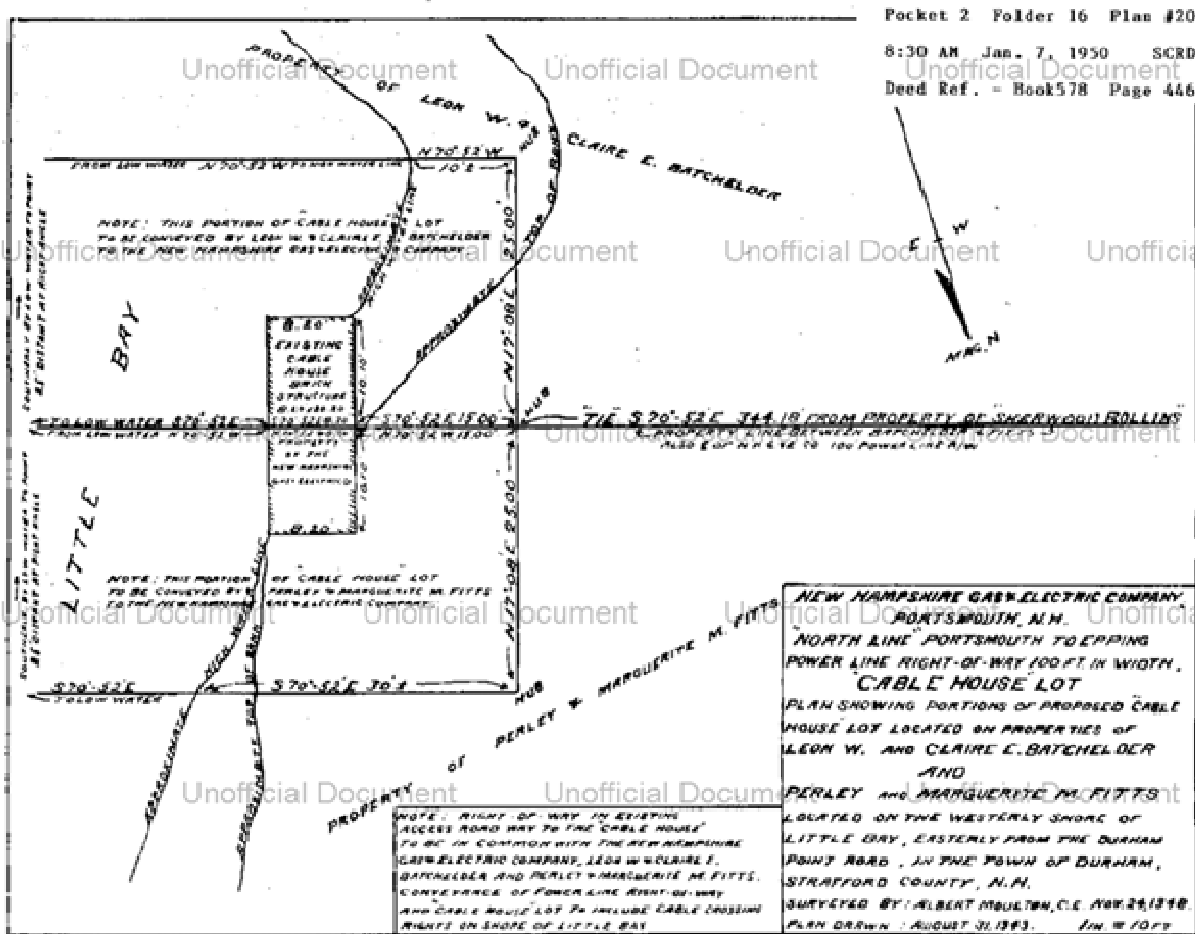
Drawings/Plans of Cable Houses



“Plans and Sections, Cable Terminal and Lightning Arrester House, Piscataqua River Crossing”  
(Anonymous 1902:574, Fig. 11)

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LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES

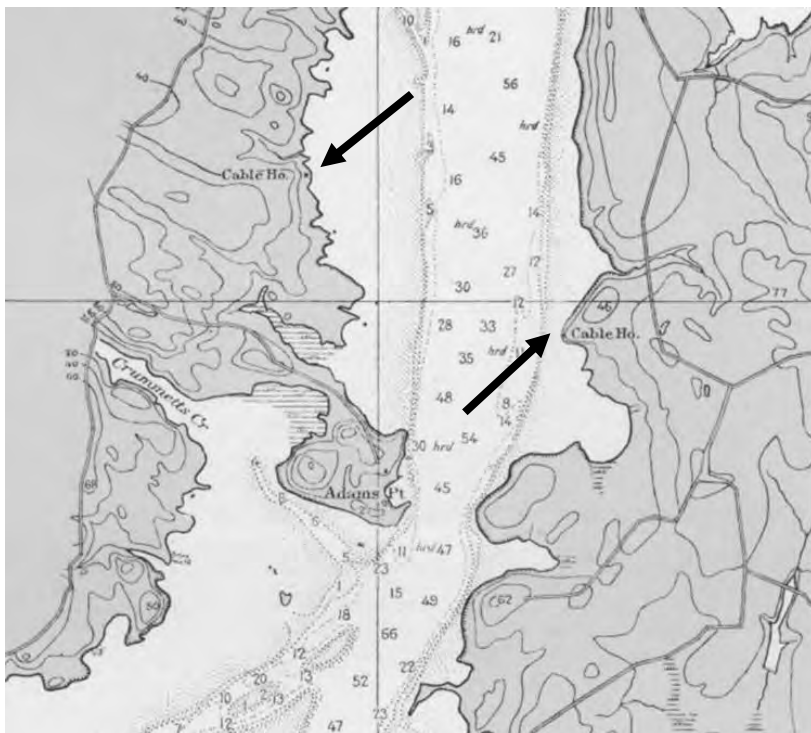


1948 Property Survey showing footprint of Durham Cable Terminal House (Moulton 1948/9)

**AREA FORM**

**LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES**

Locational Maps



1914 U. S. Coast Survey Chart and Detail, (Star/Arrows show location of Cable/Cable Houses)

**AREA FORM**

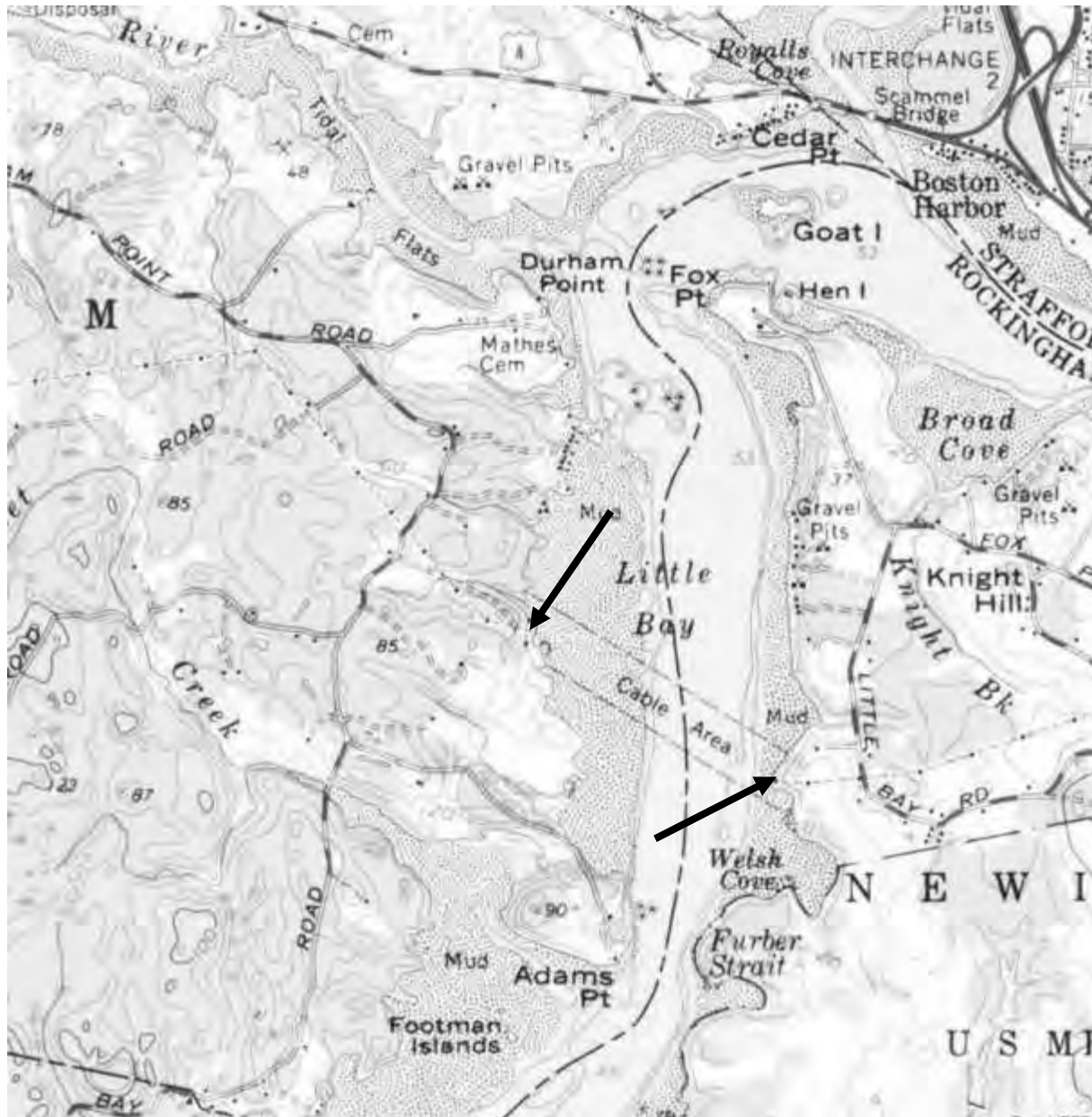
**LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES**



1916 USGS Map (Dover Quad); arrows show location of Cable Terminal Houses

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**LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES**



1956 USGS (Dover Quad) showing location of the ca. 1950 “North Line;” arrows indicate location of Cable Terminal Houses

Transmission System Maps

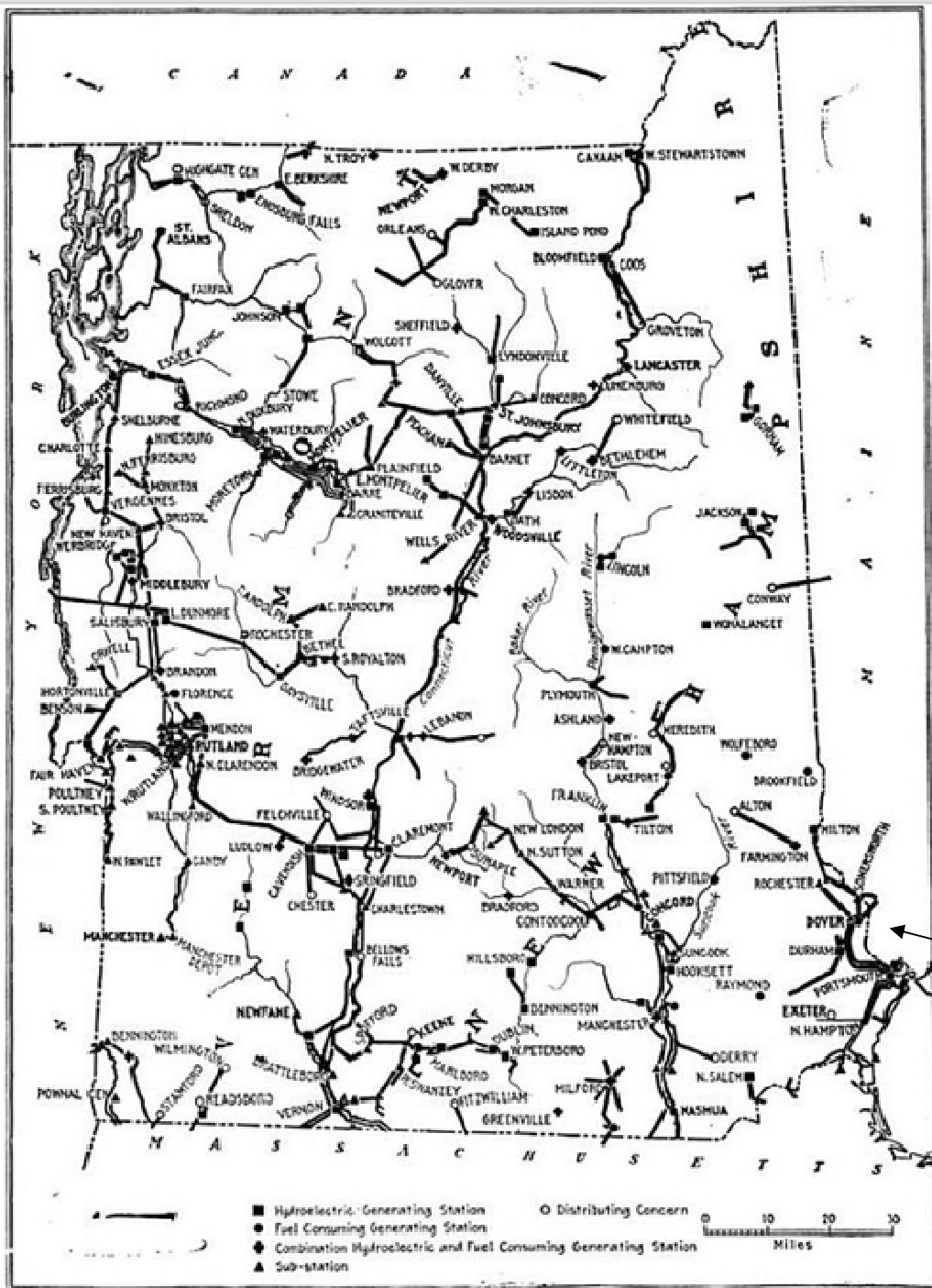


FIG. 3.—MAP OF THE RAILWAY SYSTEM.

Map of New Hampshire Traction (“Lowell”) System. Arrow shows location of underwater cable (Anonymous 1902:570)

AREA FORM

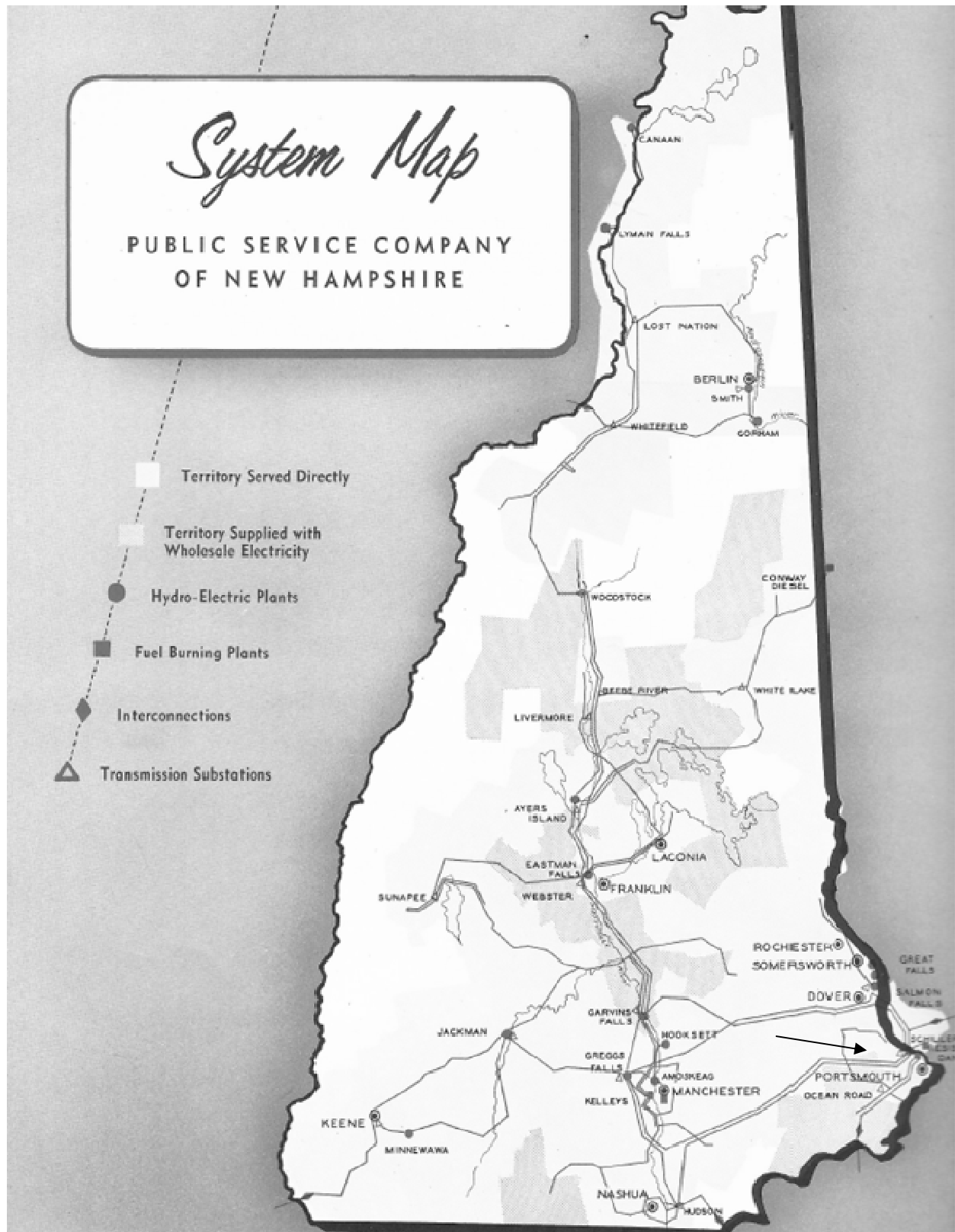
LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES



1919 Map showing Transmission Lines in NH and VT.(Arrow shows approximate location of underwater cable (Electrical World October 18,1919 p. 834 )

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LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES



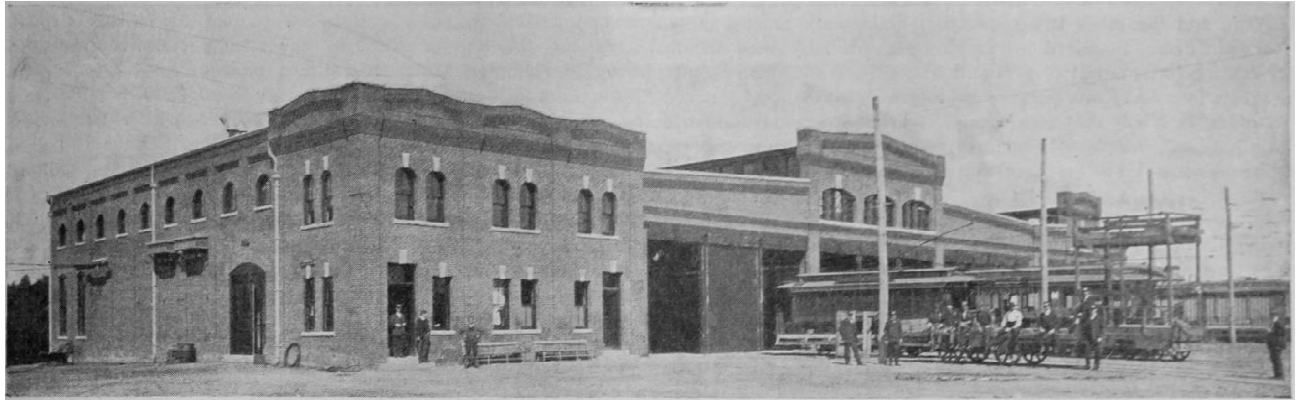
1956 Map of Public Service Company Territory (PSNH Statistical Review and Annual Report) Showing location of the “North Line” or “Portsmouth to Epping power line”



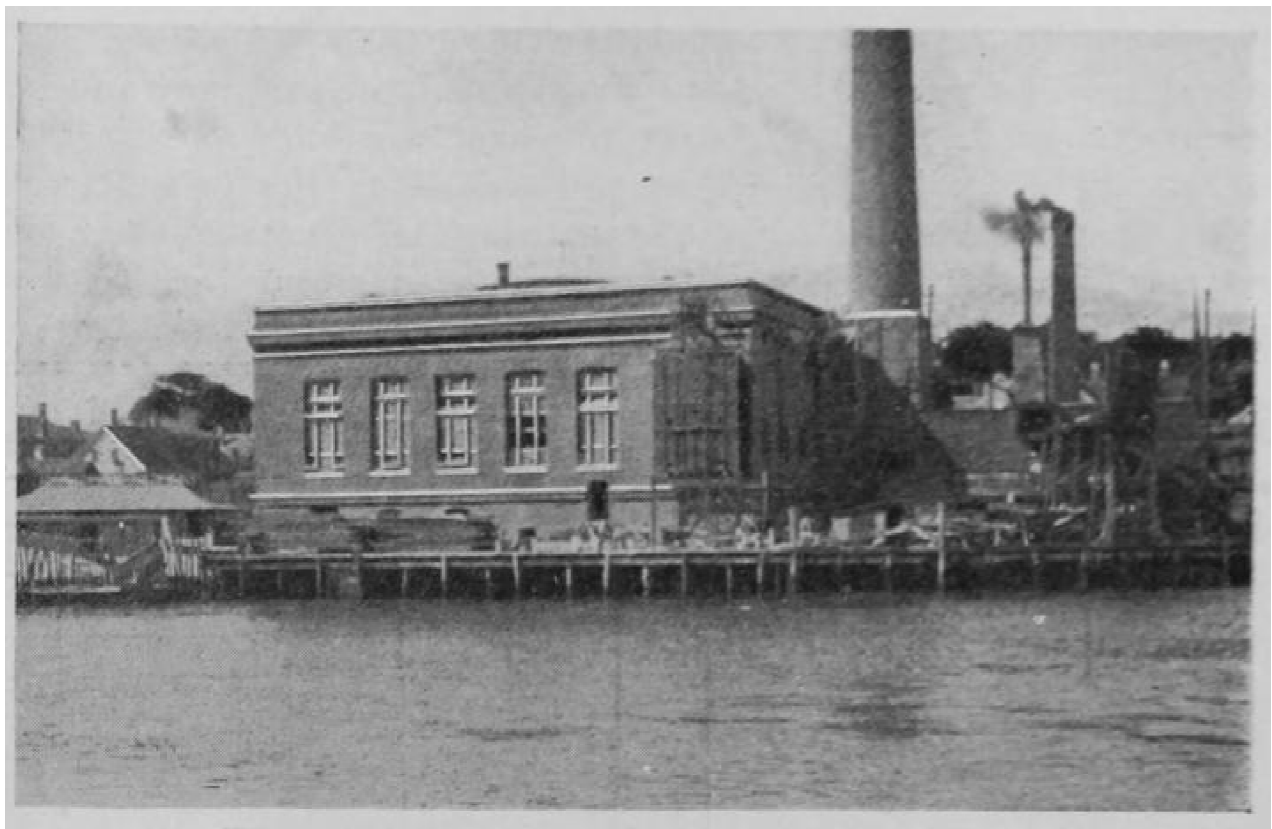
**AREA FORM**

LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES

Historic photos of other New Hampshire Traction Company Resources



Salem NH Substation/Car Barn (Anonymous 1902:569)



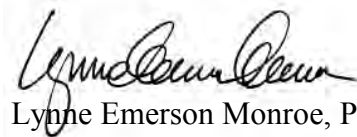
Portsmouth Generation Station (now Harbour Place condominiums) (Anonymous 1902:573)

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**LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES**

**Digital Photography Statement**

I, the undersigned, confirm that the photos in this inventory form have not been digitally manipulated and that they conform to the standards set forth in the NHDHR Photo Policy. My camera was set to the following specifications: “fine” image quality (compression ratio 1:4) and “large” image size (3008 x 2000 pixels). These photos were printed using the following: Epson SureColor P600 photo printer on Epson Ultra Premium Photo Paper, glossy. The digital files are housed with Preservation Company in Kensington, NH.



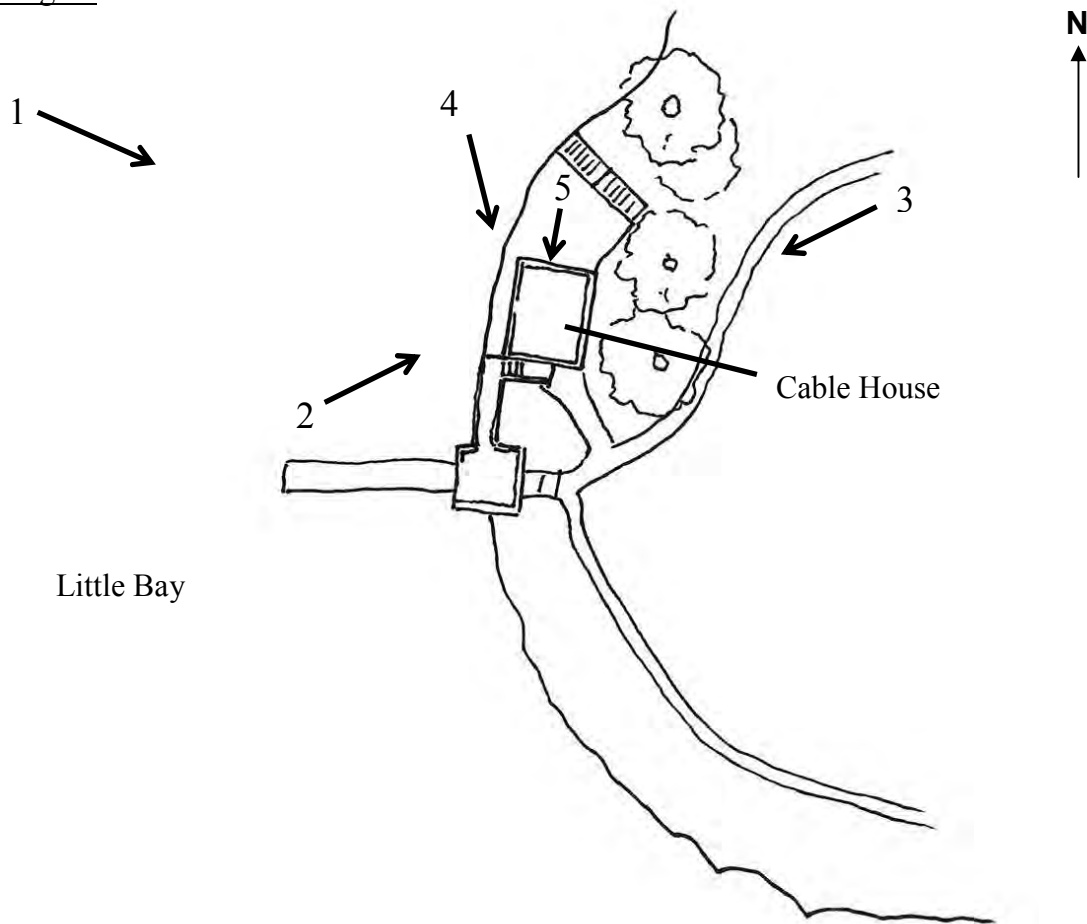
Lynne Emerson Monroe, Preservation Company

**Digital Photo Log**

The photos for this project are named: Cable\_1 through Cable\_9 where the last digit is the photo number.

**Photo Keys**

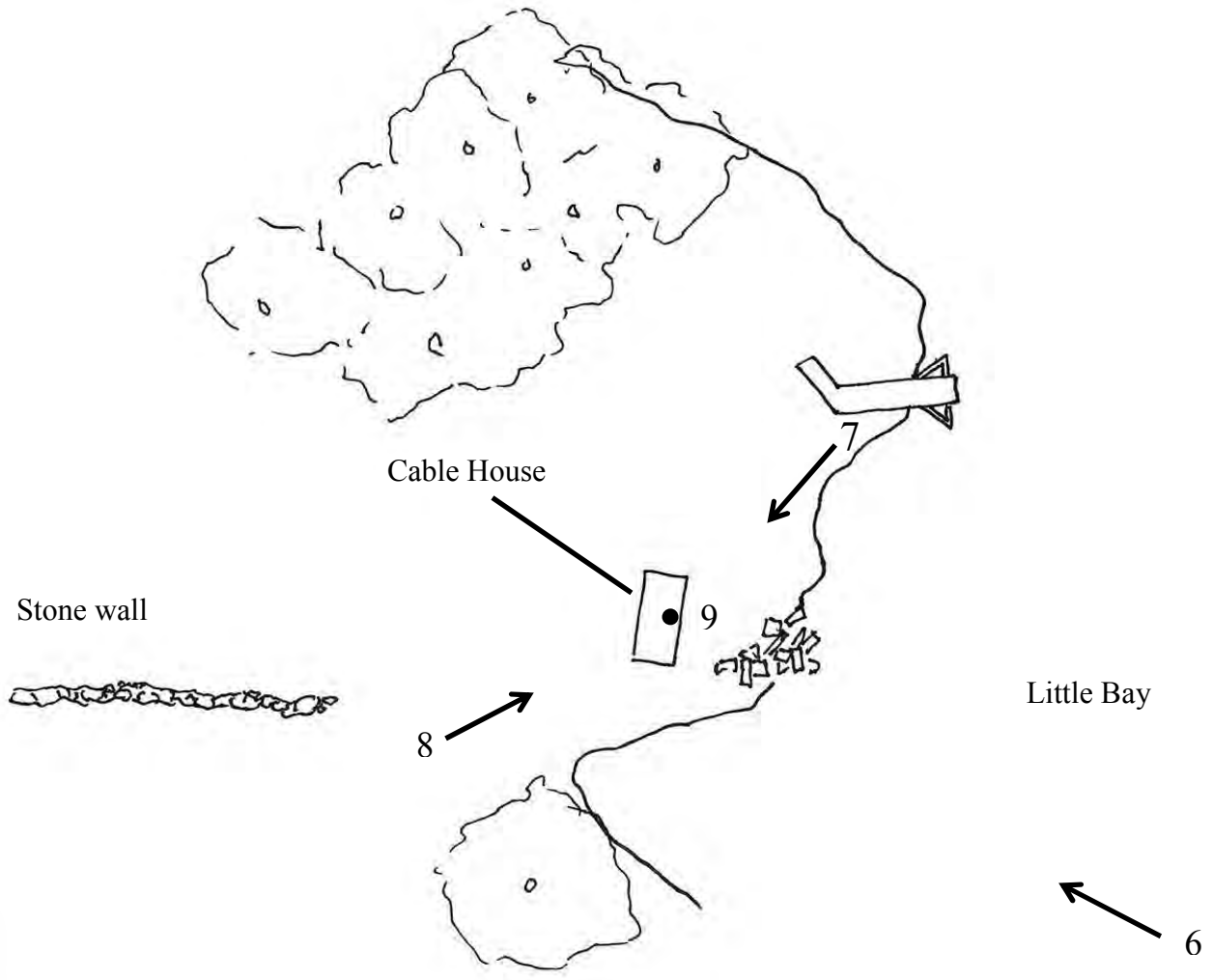
Newington



**AREA FORM**

LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES

Durham



**AREA FORM**

LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES

**Current Photographs**

Date taken: March 2016

Newington Cable Terminal House



Photo 1) Newington Cable House, from Durham shore of Little Bay

Direction: SE

**AREA FORM**

LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES



Photo 2) Newington Cable House, from Little Bay shore

Direction: NE

**AREA FORM**

LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES



Photo 3) New stairs and deck on cable house from grounds of 44 Gundalow Landing      Direction: SW

**AREA FORM**

LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES



Photo 4) Newington Cable House from the shore of Little Bay

Direction: S

**AREA FORM**

LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES



Photo 5) Partition wall (former exterior wall) interior Newington Cable House

Direction: S



**AREA FORM**

LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES

**Durham Cable Terminal House**



Photo 6) Durham Cable House, from Newington shore of Little Bay

Direction: NW



Photo 7) Durham Cable House, from shore of Little Bay

Direction: SW

**AREA FORM**

LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES



Photo 8) Durham Cable House

Direction: NE

**AREA FORM**

LITTLE BAY UNDERWATER CABLE TERMINAL HOUSES



Photo 9) Durham Cable House, interior walls and ceiling

Direction: W

**From:** Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
**Sent:** Friday, February 23, 2018 2:47 PM  
**To:** Mark Doperalski  
**Subject:** FW: HAER documentation for Little Bay Cable Houses, Durham/Newington, New Hampshire

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-----  
See below.

-----Original Message-----

From: Miller, Nadine [<mailto:Nadine.Miller@dncr.nh.gov>]  
Sent: Friday, February 23, 2018 2:41 PM  
To: Lefebvre, Lindsey E CIV USARMY CENAE (US) <[Lindsey.E.Lefebvre@usace.army.mil](mailto:Lindsey.E.Lefebvre@usace.army.mil)>  
Subject: [Non-DoD Source] RE: HAER documentation for Little Bay Cable Houses, Durham/Newington, New Hampshire

DHR recommends an outline format: engineering structures report for the Little Bay Cable houses. I would expect this would include large format photographs, photo key and index, site plan and outline narrative. If the applicant is completing a digital scan of the Durham side, it would be great to include that as well. The documentation will need to include the resource as a whole, so the cable house on the Newington side and the cables themselves must be included in the material. Understanding that it might be difficult to photograph the cables underwater, narrative information or a site plan that shows the location of the cables would be great. Again, please note that DHR will want to receive a full original report to include the text, photographs, and digital scan. My thoughts are that photographs would not exceed 15, but again, the HAER staff may request otherwise.

Are you still developing the MOA? If so, I'd be happy to provide narrative for this stipulation.

Hope you have a nice weekend,  
Nadine

-----Original Message-----

From: Lefebvre, Lindsey E CIV USARMY CENAE (US) [<mailto:Lindsey.E.Lefebvre@usace.army.mil>]  
Sent: Tuesday, February 20, 2018 8:54 AM  
To: Miller, Nadine  
Subject: FW: HAER documentation for Little Bay Cable Houses, Durham/Newington, New Hampshire

Hi Nadine,

After speaking with NPS and the Corps archeologist, the state is required to determine what tier/level is needed for a resource.

Please let me know which level will be required for the Little Bay Underwater Cable Terminal House.

Thank you,

Lindsey Lefebvre  
US Army Corps of Engineers  
New England District  
696 Virginia Rd  
Concord, MA 01742  
(978)-318-8295

-----Original Message-----

From: Miller, Nadine [<mailto:Nadine.Miller@dncr.nh.gov>]  
Sent: Monday, February 12, 2018 3:25 PM  
To: Lefebvre, Lindsey E CIV USARMY CENAE (US) <[Lindsey.E.Lefebvre@usace.army.mil](mailto:Lindsey.E.Lefebvre@usace.army.mil)>  
Subject: [Non-DoD Source] FW: HAER documentation for Little Bay Cable Houses, Durham/Newington, New Hampshire

Email to NPS as noted in last email.

Nadine

From: Miller, Nadine  
Sent: Friday, February 9, 2018 11:18 AM  
To: 'sarah\_killinger@nps.gov'  
Subject: HAER documentation for Little Bay Cable Houses, Durham/Newington, New Hampshire

Dear Sarah:

The New Hampshire Division of Historical Resources is pleased to be working again within the HABS/HAER/HALS documentation program here in New Hampshire. Thank you for your quick response time on our first FHWA/DOT projects that have been submitted to your office for review.

I am writing because we have been working on the development of a Memorandum of Agreement for the Seacoast Reliability project in which the Little Bay Cable Houses Historic District will be adversely affected (please see attached inventory form). I've heard from Lindsay Lefebvre at the New England District of the US Army Corps of Engineers that she has been trying to contact you for a determination of the level of HAER documentation for the property. I told her that I would check in with you as well to see if there was any additional information required in order for NPS to make that determination. We'd be happy to send that along to you. The Applicant needs to move forward with the project both under Section 106 and NH state law.

Thanks so much for your help on this.

Have a nice weekend,

Nadine Miller

---

Nadine Miller

Preservation Project Reviewer

NH Division of Historical Resources

NH Department of Natural and Cultural Resources

603-271-6628

BlockedBlockedwww.nh.gov/nhdhr <BlockedBlockedhttp://www.nh.gov/nhdhr>

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**From:** Doperalski, Mark  
**Sent:** Monday, April 09, 2018 2:46 PM  
**To:** 'Nadine.Miller@dncr.nh.gov'; 'Lefebvre, Lindsey E CIV USARMY CENAE (US)'  
**Subject:** FW: Eversource, SRP, Cable House, Week of 4/23

Hi Nadine and Lindsey,

FYI - please see the email chain below.

In preparation for the HAER documentation pertaining to the cable house on the Newington side, the SRP outreach specialist has been in contact with the landowner. Though we explained that the documentation would in no way hamper their rights as landowners to use or modify the cable house as they see fit, they are declining access in fear that somehow the documentation would be used by the agencies to prevent them from doing just that.

I assume you are OK with me amending our proposed MOU language to reflect the fact that we cannot produce detailed measurements or photographs of the Newington side cable house in the HAER documentation for the Little Bay Underwater Cable Terminal Houses Historic District due to lack of landowner permission.

Please advise.

Thank you,

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

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13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

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---

**From:** Cote, Lauren M  
**Sent:** Monday, April 09, 2018 2:28 PM  
**To:** Doperalski, Mark <[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)>  
**Cc:** Champy, Dena M <[dena.champy@eversource.com](mailto:dena.champy@eversource.com)>  
**Subject:** FW: Eversource, SRP, Cable House, Week of 4/23

Sorry, Mark. Please see SK's note, below.

Lauren Cote  
**Eversource Siting and Construction Services**  
Hooksett, NH  
e: [lauren.cote@eversource.com](mailto:lauren.cote@eversource.com)  
o: (603) 634-2409  
m: (603) 785-2400

---

**From:** SK [<mailto:skc@beswick.com>]  
**Sent:** Monday, April 9, 2018 2:06 PM  
**To:** Cote, Lauren M <[lauren.cote@eversource.com](mailto:lauren.cote@eversource.com)>  
**Cc:** Gagnon, Sandra T <[sandra.gagnon@eversource.com](mailto:sandra.gagnon@eversource.com)>; ChanLing Beswick <[clpbeswick@gmail.com](mailto:clpbeswick@gmail.com)>  
**Subject:** Eversource, SRP, Cable House, Week of 4/23

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---

Thank you Lauren for the detailed explanation.  
I would rather not grant permission to take pictures or measurements.

Sorry that you have to explain to the Army Corp of Engineers our decision.

We appreciate the respect you gave to us and our property.

SK



**From:** Miller, Nadine <Nadine.Miller@dncr.nh.gov>  
**Sent:** Monday, April 09, 2018 2:59 PM  
**To:** Doperalski, Mark; Lefebvre, Lindsey E CIV USARMY CENAE (US)  
**Subject:** RE: Eversource, SRP, Cable House, Week of 4/23

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---

The Newington side has been significantly altered when it was converted into a house, so I don't have a problem with your request below.

However, it would be very important to make sure that in the introduction there was an explanation as to why this side was not accessible and that it technically is not part of the project or will be physically impacted by the project. A written description (if it can be ascertained from the other side of the River) should be included in the document. Also, historic views (if available) would be good to include. So in other words, this aspect of the resource is fully discussed in the description and historical background but not photo documented or scanned.

Are we still coordinating with the Park Service on this? If so, will they need a heads up?

Thanks for letting us know.  
Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

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---

**From:** Doperalski, Mark [mailto:mark.doperalski@eversource.com]  
**Sent:** Monday, April 9, 2018 2:46 PM  
**To:** Miller, Nadine; Lefebvre, Lindsey E CIV USARMY CENAE (US)  
**Subject:** FW: Eversource, SRP, Cable House, Week of 4/23

Hi Nadine and Lindsey,

FYI - please see the email chain below.

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I assume you are OK with me amending our proposed MOU language to reflect the fact that we cannot produce detailed measurements or photographs of the Newington side cable house in the HAER documentation for the Little Bay Underwater Cable Terminal Houses Historic District due to lack of landowner permission.

Please advise.

Thank you,

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

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---

**From:** Cote, Lauren M  
**Sent:** Monday, April 09, 2018 2:28 PM  
**To:** Doperalski, Mark <[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)>  
**Cc:** Champy, Dena M <[dena.champy@eversource.com](mailto:dena.champy@eversource.com)>  
**Subject:** FW: Eversource, SRP, Cable House, Week of 4/23

Sorry, Mark. Please see SK's note, below.

Lauren Cote  
**Eversource Siting and Construction Services**  
Hooksett, NH  
e: [lauren.cote@eversource.com](mailto:lauren.cote@eversource.com)  
o: (603) 634-2409  
m: (603) 785-2400

---

**From:** SK [<mailto:skc@beswick.com>]  
**Sent:** Monday, April 9, 2018 2:06 PM  
**To:** Cote, Lauren M <[lauren.cote@eversource.com](mailto:lauren.cote@eversource.com)>  
**Cc:** Gagnon, Sandra T <[sandra.gagnon@eversource.com](mailto:sandra.gagnon@eversource.com)>; ChanLing Beswick <[clpbeswick@gmail.com](mailto:clpbeswick@gmail.com)>  
**Subject:** Eversource, SRP, Cable House, Week of 4/23

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---

Thank you Lauren for the detailed explanation.  
I would rather not grant permission to take pictures or measurements.

Sorry that you have to explain to the Army Corp of Engineers our decision.

We appreciate the respect you gave to us and our property.

SK

---

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**From:** Miller, Nadine <Nadine.Miller@dncr.nh.gov>  
**Sent:** Tuesday, April 24, 2018 1:20 PM  
**To:** Doperalski, Mark; Boisvert, Richard A  
**Subject:** RE: SRP - Revised SEC Procedural Schedule

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---

Thanks for the update.  
Do you know where the MOA/MOU developments stands?  
We'd like to have these documents finalized soon but have not seen drafts yet.

Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

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---

**From:** Doperalski, Mark [<mailto:mark.doperalski@eversource.com>]  
**Sent:** Tuesday, April 24, 2018 11:55 AM  
**To:** Boisvert, Richard A; Miller, Nadine  
**Subject:** SRP - Revised SEC Procedural Schedule

Hi Dick and Nadine,

I'm sure you have already received this information, but just in case:

[https://www.nhsec.nh.gov/projects/2015-04/orders-notices/2015-04\\_2018-04-06\\_procedural\\_schedule.pdf](https://www.nhsec.nh.gov/projects/2015-04/orders-notices/2015-04_2018-04-06_procedural_schedule.pdf)

Patricia O'Donnell to appear beginning on May 23.

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

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**From:** Doperalski, Mark  
**Sent:** Tuesday, April 24, 2018 1:35 PM  
**To:** Miller, Nadine; Boisvert, Richard A  
**Subject:** RE: SRP - Revised SEC Procedural Schedule

Hi Nadine,

I've drafted the DHR-Eversource MOU, it is currently within the internal review process. Lindsey at the USACE will be drafting a separate USACE-DHR-Eversource MOU using the text I drafted for the Cable House HD portion of DHR-Eversource MOU. The USACE wants a separate MOU that does not discuss the properties beyond their permit area. I cannot send Lindsey my text until I gain approval of the language from upper management. So essentially we will have an MOU to cover things from a state-level SEC perspective and a second MOU to cover things from a federal Section 106 perspective. We just need to make sure the stipulations pertaining to the Cable House HD, which will be covered in both, are identical or at a minimum do not contain contradicting stipulations/language.

The project manager and I are pushing hard to keep things moving forward. We are using the fact that the SEC proceedings are coming up quickly as a motivating factor. We'll see if that works to get things moving.

I'll keep you posted.

Thanks,

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

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**From:** Miller, Nadine [mailto:Nadine.Miller@dncr.nh.gov]  
**Sent:** Tuesday, April 24, 2018 1:20 PM  
**To:** Doperalski, Mark <mark.doperalski@eversource.com>; Boisvert, Richard A <Richard.Boisvert@dncr.nh.gov>  
**Subject:** RE: SRP - Revised SEC Procedural Schedule

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---

Thanks for the update.

Do you know where the MOA/MOU developments stands?

We'd like to have these documents finalized soon but have not seen drafts yet.

Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
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[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

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**From:** Doperalski, Mark [<mailto:mark.doperalski@eversource.com>]  
**Sent:** Tuesday, April 24, 2018 11:55 AM  
**To:** Boisvert, Richard A; Miller, Nadine  
**Subject:** SRP - Revised SEC Procedural Schedule

Hi Dick and Nadine,

I'm sure you have already received this information, but just in case:

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Mark

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**From:** Miller, Nadine <Nadine.Miller@dncr.nh.gov>  
**Sent:** Tuesday, April 24, 2018 3:11 PM  
**To:** Doperalski, Mark; Boisvert, Richard A  
**Subject:** RE: SRP - Revised SEC Procedural Schedule

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---

We are very eager to have both documents finalized before the end of August. We'd like to be able to report to the SEC our final comments as they relate to mitigation efforts/conditions for affected resources at the appropriate time within the SEC process.

I'd like to talk more with you and Dick regarding whether or not a particular mitigation item needs to be included on both the MOA and the MOU. I had assumed that any action within the Corp's jurisdictional permit area would be covered under the MOA and mitigation for the remaining resources affected by the project would be executed under the MOU. But, I'm sure with discussion we can figure this out.

Dick is out of the office this week, but perhaps we could schedule a time with you next week for a call to re-start consultation?

Thanks so much,  
Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
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[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

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---

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**Sent:** Tuesday, April 24, 2018 1:35 PM  
**To:** Miller, Nadine; Boisvert, Richard A  
**Subject:** RE: SRP - Revised SEC Procedural Schedule

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Thanks,

Mark

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**From:** Miller, Nadine [<mailto:Nadine.Miller@dncr.nh.gov>]  
**Sent:** Tuesday, April 24, 2018 1:20 PM  
**To:** Doperalski, Mark <[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)>; Boisvert, Richard A <[Richard.Boisvert@dncr.nh.gov](mailto:Richard.Boisvert@dncr.nh.gov)>  
**Subject:** RE: SRP - Revised SEC Procedural Schedule

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---

Thanks for the update.  
Do you know where the MOA/MOU developments stands?  
We'd like to have these documents finalized soon but have not seen drafts yet.

Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

**From:** Doperalski, Mark [<mailto:mark.doperalski@eversource.com>]  
**Sent:** Tuesday, April 24, 2018 11:55 AM  
**To:** Boisvert, Richard A; Miller, Nadine  
**Subject:** SRP - Revised SEC Procedural Schedule

Hi Dick and Nadine,

I'm sure you have already received this information, but just in case:

[https://www.nhsec.nh.gov/projects/2015-04/orders-notices/2015-04\\_2018-04-06\\_procedural\\_schedule.pdf](https://www.nhsec.nh.gov/projects/2015-04/orders-notices/2015-04_2018-04-06_procedural_schedule.pdf)

Patricia O'Donnell to appear beginning on May 23.

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

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**From:** Doperalski, Mark  
**Sent:** Tuesday, May 01, 2018 3:15 PM  
**To:** 'Lefebvre, Lindsey E CIV USARMY CENAE (US)'  
**Subject:** SRP MOA language for the Cable House Historic District

Hi Lindsey,

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Mark

## **1. Little Bay Underwater Cable Terminal Houses Historic District**

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    2. The documentation shall include both cable terminal houses and the underwater cables.
      - a. The underwater cable documentation shall consist of narrative information and/or site plans that show the location of the cables.

- b. A digital scan of the cable terminal house on the Durham side shall be completed and included in the documentation.
3. The original HAER documentation, including text, drawings, photographs, and digital scan shall be submitted to the NHDHR upon completion.

ii. Direct physical impacts to the cable terminal house on the Durham side shall be minimized by the Project as shown on the plan sheet identified as Appendix B; and as follows:

1. Stabilization and relocation of the Durham cable terminal house --  
The Project shall fund and oversee work to stabilize and move the cable terminal house 50 feet to the north of its historic location during construction. Once construction has been completed the Project shall permanently place the cable terminal house in a location 12 feet to the west of and 15 feet to the north of its historic location. The cable terminal house shall be placed on a new foundation constructed of field stone and mortar set upon a below-grade concrete footing. This new location shall allow future maintenance of the transmission infrastructure without impacting the cable terminal house. Placement in this new location shall also remove the cable terminal house from within the tidal zone, which shall increase the longevity of the historic structure and allow restoration of intertidal habitat at this location. This work is shown on the plan sheet identified as Appendix B hereto.
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**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

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**From:** Doperalski, Mark  
**Sent:** Tuesday, May 01, 2018 3:26 PM  
**To:** 'Miller, Nadine'; Boisvert, Richard A  
**Subject:** FW: SRP MOA language for the Cable House Historic District

Hi Nadine and Dick,

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If I don't hear back from her within a day or two I'll follow up with a call.

I am certainly willing to join you if think it think there would be some value in getting together on a call with Lindsey to iron out any details regarding the MOA and/or to assess the USACE's anticipated schedule as it pertains to the drafting of the MOA.

Thank you for your time.

Mark

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**From:** Doperalski, Mark  
**Sent:** Tuesday, May 01, 2018 3:15 PM  
**To:** 'Lefebvre, Lindsey E CIV USARMY CENAE (US)' <Lindsey.E.Lefebvre@usace.army.mil>  
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**Cultural Resources Specialist**

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**From:** Miller, Nadine <Nadine.Miller@dncr.nh.gov>  
**Sent:** Wednesday, May 02, 2018 1:40 PM  
**To:** Doperalski, Mark; Boisvert, Richard A  
**Subject:** RE: SRP MOA language for the Cable House Historic District

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Sounds great. I've put a hold on my calendar.  
Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

*Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.*

---

**From:** Doperalski, Mark [mailto:[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)]  
**Sent:** Wednesday, May 2, 2018 1:39 PM  
**To:** Miller, Nadine; Boisvert, Richard A  
**Subject:** RE: SRP MOA language for the Cable House Historic District

Hi Nadine,

Of the times you suggest, I can do next Thursday morning, May 10th. I will reach out to Lindsey and see if she is also available to talk that morning.

I'll keep you posted.

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

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**From:** Miller, Nadine [mailto:Nadine.Miller@dncr.nh.gov]

**Sent:** Tuesday, May 01, 2018 3:36 PM

**To:** Doperalski, Mark <mark.doperalski@eversource.com>; Boisvert, Richard A <Richard.Boisvert@dncr.nh.gov>

**Subject:** RE: SRP MOA language for the Cable House Historic District

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Mark – thanks for the update.

Dick and I are available for a joint call...perhaps you can come to the DHR office a little early for discussion and then we can call Lindsey together.

Not sure how quickly a call can be mobilized, but Dick and I are both free this Thursday. Next week, Thursday and Friday look good.

Nadine

---

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**From:** Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
**Sent:** Friday, May 04, 2018 10:55 AM  
**To:** Doperalski, Mark  
**Subject:** RE: SRP MOA language for the Cable House Historic District

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-----  
Hi Mark,

Next Thursday? Yes.

Just let me know the number to call in.

Lindsey Lefebvre  
US Army Corps of Engineers  
New England District  
696 Virginia Rd  
Concord, MA 01742  
(978)-318-8295

-----Original Message-----

From: Doperalski, Mark [mailto:mark.doperalski@eversource.com]  
Sent: Friday, May 04, 2018 10:51 AM  
To: Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
Subject: [Non-DoD Source] RE: SRP MOA language for the Cable House Historic District

Hi Lindsey,

Can you jump on a call with me and the NH DHR at 10AM? Should be relatively quick call about the MOA to make sure everyone is on the same page.

Thanks,

Mark

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

13 Legends Drive  
Hooksett, NH 03106

603.479.1088 (cell)  
603.634.2147 (office)  
mark.doperalski@eversource.com

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-----Original Message-----

From: Lefebvre, Lindsey E CIV USARMY CENAE (US) [mailto:Lindsey.E.Lefebvre@usace.army.mil]  
Sent: Friday, May 04, 2018 10:48 AM  
To: Doperalski, Mark <mark.doperalski@eversource.com>  
Subject: RE: SRP MOA language for the Cable House Historic District

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-----  
Hi Mark,

Great, thank you.

I also received your voicemail. My schedule is open Thursday until noon.

As I start drafting the MOA, I will let you know if I need additional information.

Thanks,

Lindsey Lefebvre  
US Army Corps of Engineers  
New England District  
696 Virginia Rd  
Concord, MA 01742  
(978)-318-8295

-----Original Message-----

From: Doperalski, Mark [mailto:mark.doperalski@eversource.com]  
Sent: Tuesday, May 01, 2018 3:15 PM  
To: Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>

Subject: [Non-DoD Source] SRP MOA language for the Cable House Historic District

Hi Lindsey,

Below is the language I put together pertaining to the Cable House HD based on the Consulting Party meeting held on October 4, 2017 and subsequent communications with USACE/NPS and NH DHR.

Please let me know if you need any additional information prior to drafting the MOA.

The NH SEC process is scheduled to start back up this month. Here is a link to the procedural schedule:  
BlockedBlocked[https://www.nhsec.nh.gov/projects/2015-04/orders-notices/2015-04\\_2018-04-06\\_procedural\\_schedule.pdf](https://www.nhsec.nh.gov/projects/2015-04/orders-notices/2015-04_2018-04-06_procedural_schedule.pdf) <BlockedBlocked[https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_www.nhsec.nh.gov\\_projects\\_2015-2D04\\_orders-2Dnotices\\_2015-2D04-5F2018-2D04-2D06-5Fprocedural-5Fschedule.pdf&d=DwMF-g&c=Rt9MH7x8aPAwEY3f-URIJch7v0PDyVhHmVdpquKSoc0&r=ZXjBhqt5hPC0ypXprJAV36Ar1ZK1cpDBsl3H9KI66bl&m=dBkp0lznFSW\\_EP7eo-BZZ5KblLMaiwjEyiDZO2nyvbQ&s=4HTAJ0fyD4ijkv2edw62NDmh\\_955TDSks6qFRVBrjQ8&e=>](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.nhsec.nh.gov_projects_2015-2D04_orders-2Dnotices_2015-2D04-5F2018-2D04-2D06-5Fprocedural-5Fschedule.pdf&d=DwMF-g&c=Rt9MH7x8aPAwEY3f-URIJch7v0PDyVhHmVdpquKSoc0&r=ZXjBhqt5hPC0ypXprJAV36Ar1ZK1cpDBsl3H9KI66bl&m=dBkp0lznFSW_EP7eo-BZZ5KblLMaiwjEyiDZO2nyvbQ&s=4HTAJ0fyD4ijkv2edw62NDmh_955TDSks6qFRVBrjQ8&e=>) .

As a result, the project team and the NH DHR are both eager to get the MOA in place ASAP.

Can you please let me know when you think you will be able to produce the draft MOA?

Thanks,

Mark

1. Little Bay Underwater Cable Terminal Houses Historic District

a. The NHDHR, in its determination of adverse effect pertaining to the Project, identified potential direct physical impacts to the Little Bay Underwater Cable Terminal Houses Historic District. To resolve adverse effects, Eversource shall employ the following avoidance, minimization, and mitigation measures:

i. Historic American Engineering Record (HAER) documentation of the Little Bay Underwater Cable Terminal Houses Historic District shall be completed by the Project prior to construction activities.

1. The HAER documentation shall consist of an outline format engineering structures report including large format photographs, photo key and index, site plan, and outline narrative.

2. The documentation shall include both cable terminal houses and the underwater cables.

a. The underwater cable documentation shall consist of narrative information and/or site plans that show the location of the cables.

b. A digital scan of the cable terminal house on the Durham side shall be completed and included in the documentation.

3. The original HAER documentation, including text, drawings, photographs, and digital scan shall be submitted to the NHDHR upon completion.

ii. Direct physical impacts to the cable terminal house on the Durham side shall be minimized by the Project as shown on the plan sheet identified as Appendix B; and as follows:

1. Stabilization and relocation of the Durham cable terminal house --

The Project shall fund and oversee work to stabilize and move the cable terminal house 50 feet to the north of its historic location during construction. Once construction has been completed the Project shall permanently place the cable terminal house in a location 12 feet to the west of and 15 feet to the north of its historic location. The cable terminal house shall be placed on a new foundation constructed of field stone and mortar set upon a below-grade concrete footing. This new location shall allow future maintenance of the transmission infrastructure without impacting the cable terminal house. Placement in this new location shall also remove the cable terminal house from within the tidal zone, which shall increase the longevity of the historic structure and allow restoration of intertidal habitat at this location. This work is shown on the plan sheet identified as Appendix B hereto.

2. Rehabilitation of the Durham cable terminal house --

The Project shall fund and oversee the rehabilitation of the cable terminal house once it has been placed in its new permanent location. All work shall follow the Secretary of Interior Standards for the Treatment of Historic Properties and shall be overseen by a 36 CFR 61 - qualified architectural historian. The rehabilitation work shall include the following:

- a. Rehabilitation of the brick masonry walls. Unique details associated with the use of the building shall be maintained whenever possible.
  
- b. Rehabilitation of the roof. Open holes where cables historically entered the cable terminal house shall be preserved and the building made weather tight through the insertion of heavy glass plugs into the holes and weatherization of the roof.
  
- c. Rehabilitation/Replacement of the door and windows. Two 2/2 wooden sash windows and one wooden door with metal sheathing shall be rehabilitated if possible, and if not possible, due to degradation and/or lack of original materials, they shall be replaced with historically accurate materials.
  
- d. Rehabilitation/Replacement of the floor. The floor is composed of 2-inch by 8-inch planks laid horizontally on wooden joists. The floor system shall be rehabilitated if possible, or if not possible, due to degradation and/or lack of original materials, the floor shall be replaced in kind.

This work is shown on the plan sheet identified as Appendix B hereto.

iii. Interpretive and display materials shall be provided by the Project to increase public awareness of the historic district. The materials will remain under the control of the respective towns.

1. Interpretive panel at Fox Point --

The Project shall fund and oversee the development of an interpretive panel as follows. A 36 CFR 61 - qualified architectural historian shall prepare an interpretive panel explaining the history of the Little Bay Underwater Cable Terminal Houses Historic District, the Engineering significance of the historic underwater cable, and the historical background of energy transmission and emerging technologies. The panel shall be placed at Fox Point, on land owned by the Town of Newington, as discussed amongst the USACE, NHDHR, and Consulting Parties on October 4, 2017.

2. Interpretive displays in Durham and Newington --

The Project shall fund and oversee the development of two identical interpretive displays, one each for the towns of Durham and Newington as follows. A 36 CFR 61 qualified architectural historian shall prepare interpretive displays

exhibiting samples of the historical underwater cable and new underwater cable, explaining the differences between old and new underwater cable technologies and summarizing the history of the Little Bay Underwater Cable Terminal Houses Historic District including the engineering significance of the historic underwater cable. Each town's Historic Commission shall choose a publicly accessible venue, such as a local museum, where the interpretive displays shall be placed.

Mark Doperalski, M.A., RPA

Cultural Resources Specialist

13 Legends Drive

Hooksett, NH 03106

603.479.1088 (cell)

603.634.2147 (office)

mark.doperalski@eversource.com <mailto:mark.doperalski@eversource.com>

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**Subject:** SRP - MOA Discussion  
**Location:** Call-In Number: 603.634.3101; Conference Code: 6342147

**Start:** Thu 5/10/2018 10:00 AM  
**End:** Thu 5/10/2018 11:00 AM  
**Show Time As:** Tentative

**Recurrence:** (none)

**Meeting Status:** Not yet responded

**Organizer:** Doperalski, Mark  
**Required Attendees:** Lefebvre, Lindsey E CIV USARMY CENAE (US); Boisvert, Richard A; Miller, Nadine

Call to discuss the Seacoast Reliability Project MOA amongst the USACE, NH DHR, and Eversource Energy.

I've set up the call for one hour, but I believe it will be a fairly brief discussion; the focus being to ensure we are all on the same page.

Thank you in advance for taking the time to participate.

**From:** Miller, Nadine <Nadine.Miller@dncr.nh.gov>  
**Sent:** Tuesday, May 08, 2018 3:24 PM  
**To:** Doperalski, Mark  
**Subject:** Thursdays SRP call

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---

Mark:

I just found out that I am needed for a 9:30 meeting at the State House on Thursday morning. Is there any way that we can change our SRP meeting until 11:00? If not, I'm sure Dick can handle the call, but I would like to participate if possible.

Thanks and sorry for the disruption.

Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

*Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.*

**From:** Miller, Nadine <Nadine.Miller@dncr.nh.gov>  
**Sent:** Wednesday, May 09, 2018 11:45 AM  
**To:** Doperalski, Mark  
**Cc:** Boisvert, Richard A  
**Subject:** RE: Thursdays SRP call

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---

Thanks.

Both Dick and I are out this afternoon but will be back in at 8:00 tomorrow. Can you make sure to email both of us when you have an update?

Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

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---

**From:** Doperalski, Mark [<mailto:mark.doperalski@eversource.com>]  
**Sent:** Wednesday, May 9, 2018 9:24 AM  
**To:** Miller, Nadine  
**Subject:** RE: Thursdays SRP call

Hi Nadine,

I've reached out to Lindsey – I'll let you know what I hear back.

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

**EVERSOURCE**  
13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

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---

**From:** Miller, Nadine [<mailto:Nadine.Miller@dncr.nh.gov>]  
**Sent:** Tuesday, May 08, 2018 3:24 PM  
**To:** Doperalski, Mark <[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)>  
**Subject:** Thursdays SRP call

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Mark:

I just found out that I am needed for a 9:30 meeting at the State House on Thursday morning. Is there any way that we can change our SRP meeting until 11:00? If not, I'm sure Dick can handle the call, but I would like to participate if possible.

Thanks and sorry for the disruption.

Nadine

---

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**From:** Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
**Sent:** Thursday, May 10, 2018 8:39 AM  
**To:** Doperalski, Mark  
**Subject:** RE: Thursdays SRP call

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-----  
Hi Mark,

Sorry I was at DES all day yesterday. I could do 11 but it would have to be brief, ending the call by the latest 1130.

Thanks,

Lindsey

-----Original Message-----

From: Doperalski, Mark [<mailto:mark.doperalski@eversource.com>]  
Sent: Wednesday, May 09, 2018 8:00 AM  
To: Lefebvre, Lindsey E CIV USARMY CENAE (US) <[Lindsey.E.Lefebvre@usace.army.mil](mailto:Lindsey.E.Lefebvre@usace.army.mil)>  
Subject: [Non-DoD Source] FW: Thursdays SRP call

Hi Lindsey,

See the email below. Nadine was hoping we could push our Thursday call from 10 AM to 11 AM. Would that work for you?

Thanks,

Mark

Mark Doperalski, M.A., RPA

Cultural Resources Specialist

13 Legends Drive

Hooksett, NH 03106

603.479.1088 (cell)

603.634.2147 (office)

[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com) <<mailto:mark.doperalski@eversource.com>>

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From: Miller, Nadine [<mailto:Nadine.Miller@dncr.nh.gov>]  
Sent: Tuesday, May 08, 2018 3:24 PM  
To: Doperalski, Mark <[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)>  
Subject: Thursdays SRP call

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Nadine

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Nadine Miller

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NH Division of Historical Resources

NH Department of Natural and Cultural Resources

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**From:** Boisvert, Richard A <Richard.Boisvert@dncr.nh.gov>  
**Sent:** Thursday, May 10, 2018 8:43 AM  
**To:** Doperalski, Mark  
**Subject:** RE: Thursdays SRP call

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-----  
Agreed. See you at 10:30.  
Dick

-----Original Message-----

From: Doperalski, Mark [mailto:mark.doperalski@eversource.com]  
Sent: Thursday, May 10, 2018 8:42 AM  
To: Miller, Nadine; Boisvert, Richard A  
Subject: FW: Thursdays SRP call

Lindsey can do 11, but we'd have to wrap things up by 11:30. I don't see that being a problem. If you feel the same I'll move the meeting to 11 AM and stop over around 10:30.

Please let me know right away.

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

13 Legends Drive  
Hooksett, NH 03106  
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Sent: Thursday, May 10, 2018 8:39 AM



To: Doperalski, Mark <mark.doperalski@eversource.com>

Subject: RE: Thursdays SRP call

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Sent: Wednesday, May 09, 2018 8:00 AM

To: Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>

Subject: [Non-DoD Source] FW: Thursdays SRP call

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From: Miller, Nadine [mailto:Nadine.Miller@dncr.nh.gov]  
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I just found out that I am needed for a 9:30 meeting at the State House on Thursday morning. Is there any way that we can change our SRP meeting until 11:00? If not, I'm sure Dick can handle the call, but I would like to participate if possible.

Thanks and sorry for the disruption.

Nadine

---

Nadine Miller

Preservation Project Reviewer  
NH Division of Historical Resources

NH Department of Natural and Cultural Resources

603-271-6628

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**From:** Miller, Nadine <Nadine.Miller@dncr.nh.gov>  
**Sent:** Thursday, May 10, 2018 9:03 AM  
**To:** Doperalski, Mark; Boisvert, Richard A  
**Subject:** RE: Thursdays SRP call

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-----  
Thanks so much.  
Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

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-----Original Message-----

From: Doperalski, Mark [mailto:mark.doperalski@eversource.com]  
Sent: Thursday, May 10, 2018 8:42 AM  
To: Miller, Nadine; Boisvert, Richard A  
Subject: FW: Thursdays SRP call

Lindsey can do 11, but we'd have to wrap things up by 11:30. I don't see that being a problem. If you feel the same I'll move the meeting to 11 AM and stop over around 10:30.

Please let me know right away.

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

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-----Original Message-----

From: Lefebvre, Lindsey E CIV USARMY CENAE (US) [mailto:Lindsey.E.Lefebvre@usace.army.mil]  
Sent: Thursday, May 10, 2018 8:39 AM  
To: Doperalski, Mark <mark.doperalski@eversource.com>  
Subject: RE: Thursdays SRP call

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-----  
Hi Mark,

Sorry I was at DES all day yesterday. I could do 11 but it would have to be brief, ending the call by the latest 1130.

Thanks,

Lindsey

-----Original Message-----

From: Doperalski, Mark [mailto:mark.doperalski@eversource.com]  
Sent: Wednesday, May 09, 2018 8:00 AM  
To: Lefebvre, Lindsey E CIV USARMY CENAE (US) <Lindsey.E.Lefebvre@usace.army.mil>  
Subject: [Non-DoD Source] FW: Thursdays SRP call

Hi Lindsey,

See the email below. Nadine was hoping we could push our Thursday call from 10 AM to 11 AM. Would that work for you?

Thanks,

Mark

Mark Doperalski, M.A., RPA

Cultural Resources Specialist

13 Legends Drive

Hooksett, NH 03106

603.479.1088 (cell)

603.634.2147 (office)

mark.doperalski@eversource.com <mailto:mark.doperalski@eversource.com>

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From: Miller, Nadine [mailto:Nadine.Miller@dncr.nh.gov]  
Sent: Tuesday, May 08, 2018 3:24 PM  
To: Doperalski, Mark <mark.doperalski@eversource.com>  
Subject: Thursdays SRP call

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---

Mark:

I just found out that I am needed for a 9:30 meeting at the State House on Thursday morning. Is there any way that we can change our SRP meeting until 11:00? If not, I'm sure Dick can handle the call, but I would like to participate if possible.

Thanks and sorry for the disruption.

Nadine

---

Nadine Miller

Preservation Project Reviewer  
NH Division of Historical Resources

NH Department of Natural and Cultural Resources

603-271-6628

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**From:** Doperalski, Mark  
**Sent:** Friday, May 11, 2018 9:12 AM  
**To:** 'Lefebvre, Lindsey E CIV USARMY CENAE (US)'; 'Miller, Nadine'  
**Cc:** Boisvert, Richard A  
**Subject:** SRP - Cable Houses Historic District  
**Attachments:** SRP\_DHR\_MOU\_Appendix\_B\_CableHousePlans.pdf

Hi Lindsey and Nadine,

Here are the drawings that are referenced in the draft language pertaining to the Cable Houses HD. The plans are labeled as Appendix B, as that is what they would have been if included in the MOU, which of course, is no longer the plan.

Have a nice weekend.

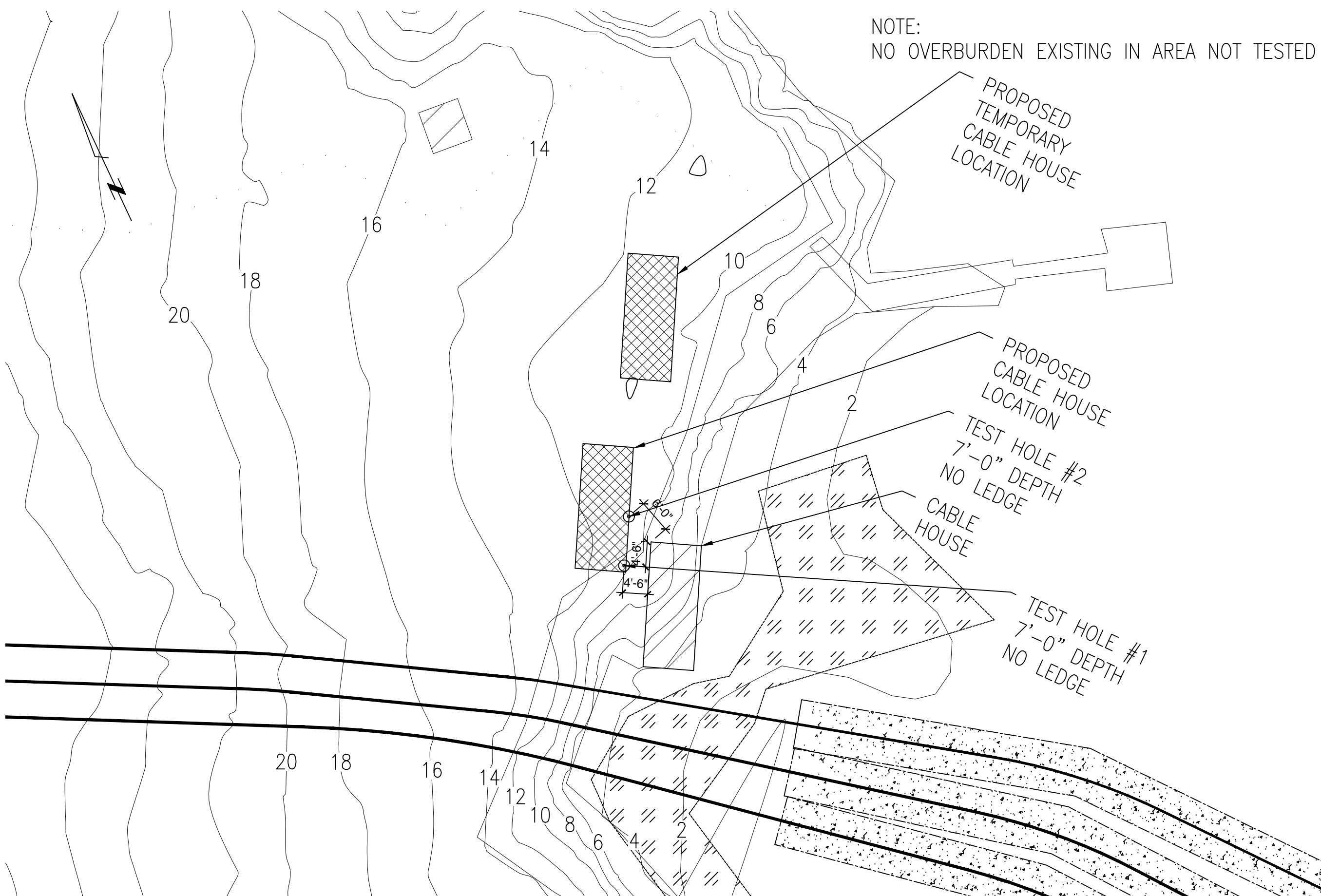
Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

**EVERSOURCE**  
13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
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**TOPOGRAPHIC PLAN**  
SCALE: NOT TO SCALE

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200 5TH STREET  
CALUMET, MI 49913  
906-379-0520  
**FIRE TOWER**  
ENGINEERED TIMBER

PROJECT: **CABLE SWITCH HOUSE**  
295 DURHAM POINT ROAD, DURHAM, NH  
SHEET TITLE: **TOPOGRAPHIC PLAN**

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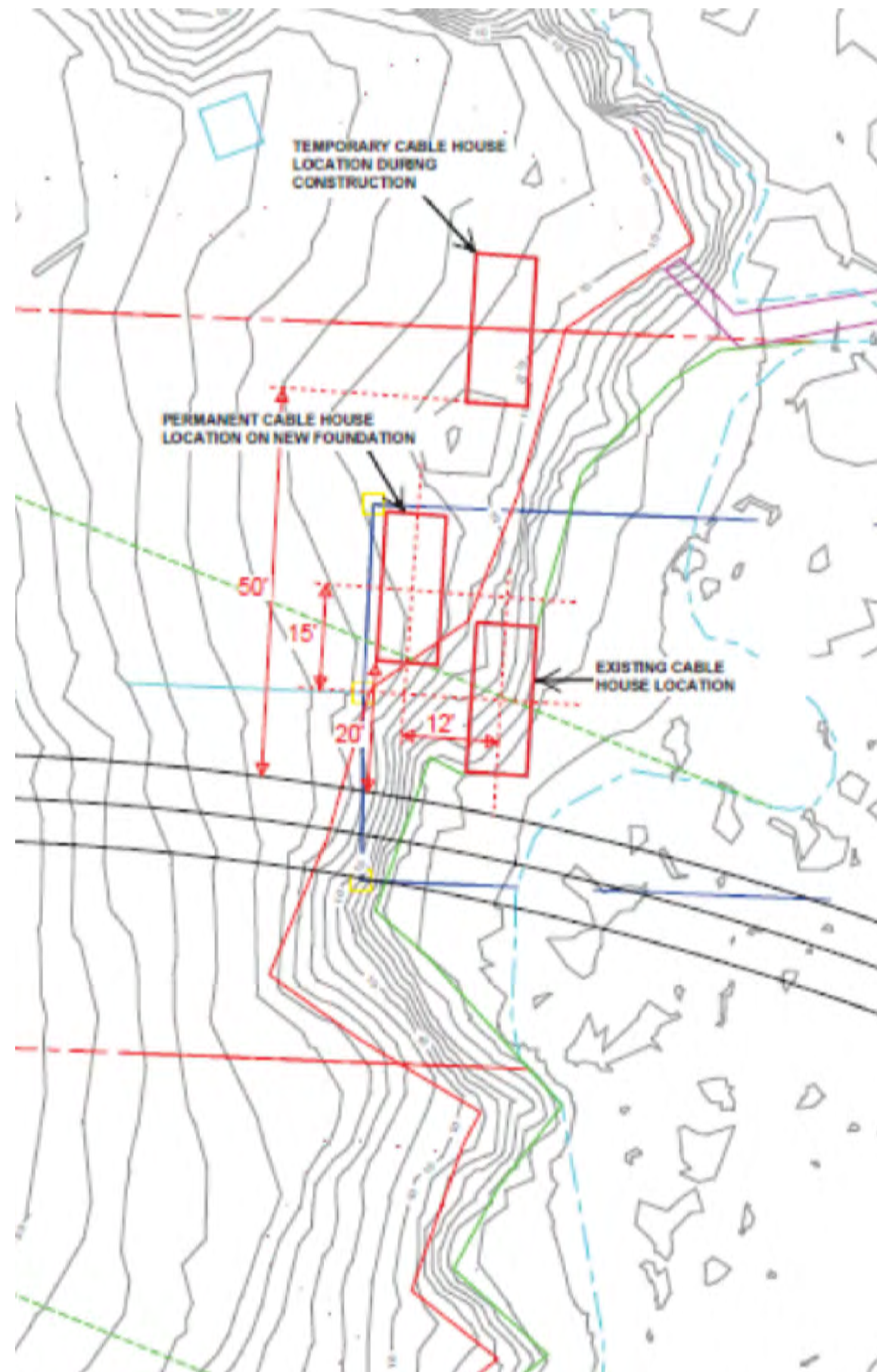
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DATE: **12-07-2017**

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**SITE/LOCATION PLAN**

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**CABLE SWITCH HOUSE**

295 DURHAM POINT ROAD, DURHAM, NH

SHEET TITLE:  
**SITE/LOCATION PLAN**

PROJECT:

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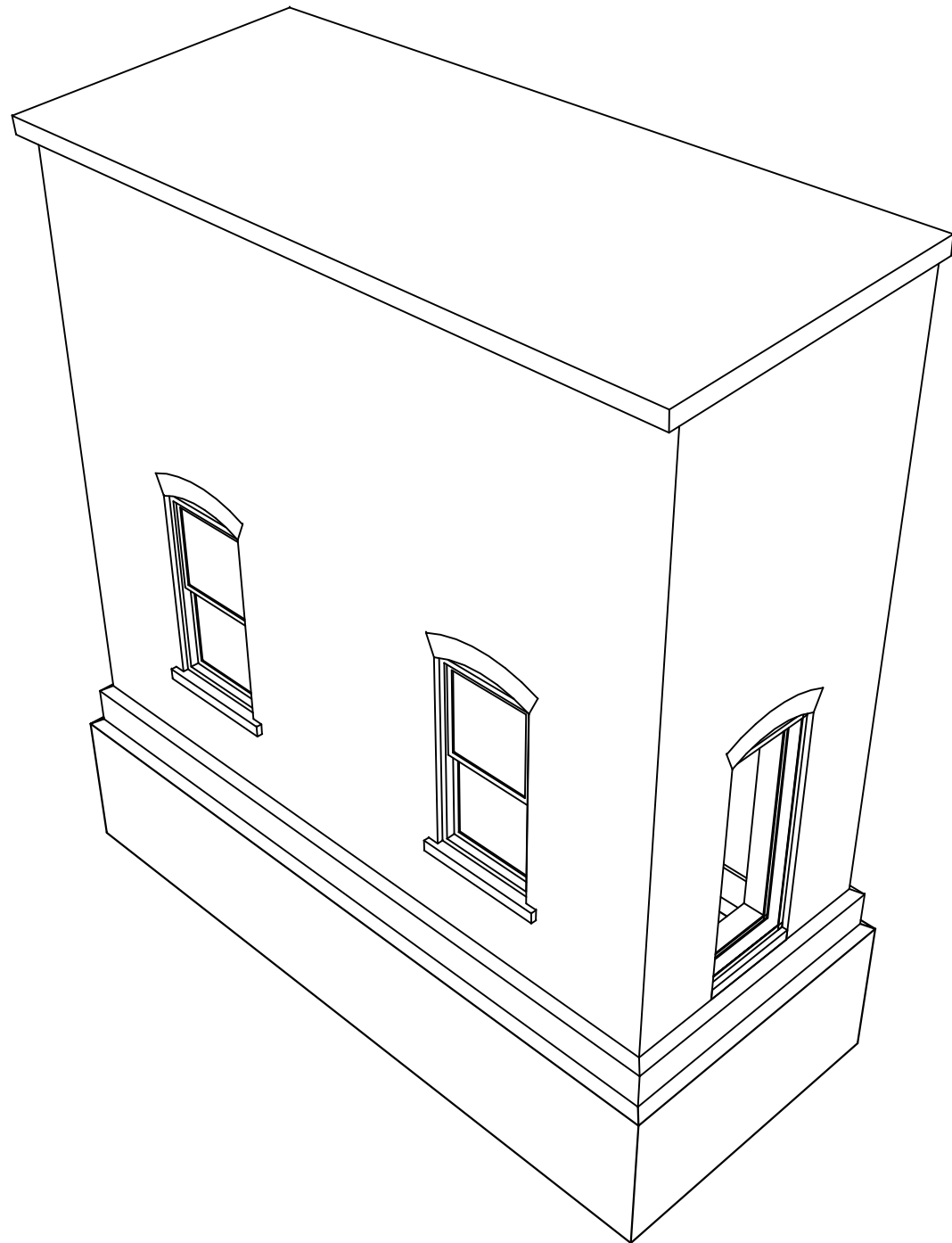
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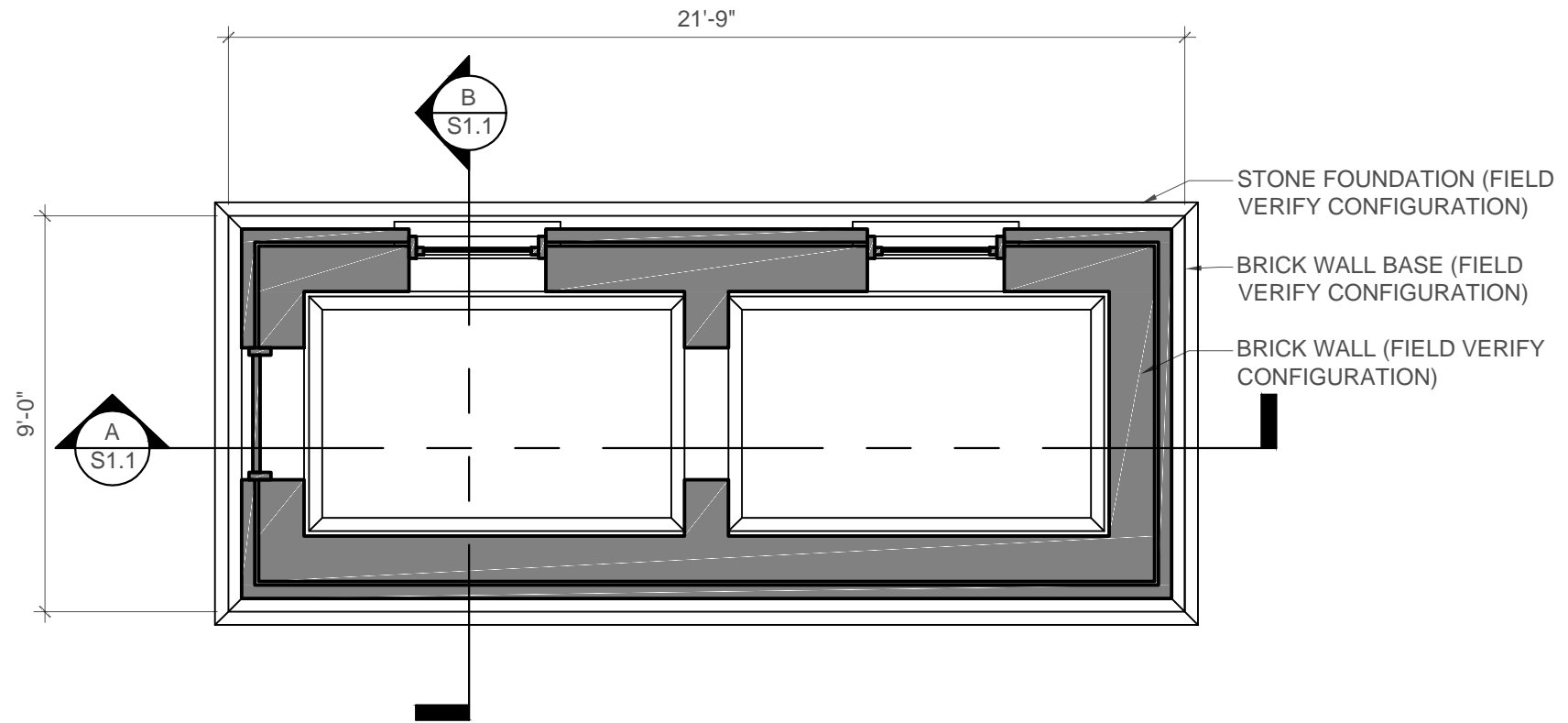
DATE:  
**12-07-2017**

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**S0.1**



**ISOMETRIC VIEW**

SCALE: NOT TO SCALE



**FLOOR PLAN**

SCALE: 1/4" = 1'-0"

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**CABLE SWITCH HOUSE**

295 DURHAM POINT ROAD, DURHAM, NH

ISOMETRIC AND PLAN VIEWS

PROJECT:

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FOR:

**REVIEW**

PROJECT NO:

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SCALE:

AS-NOTED

DATE:

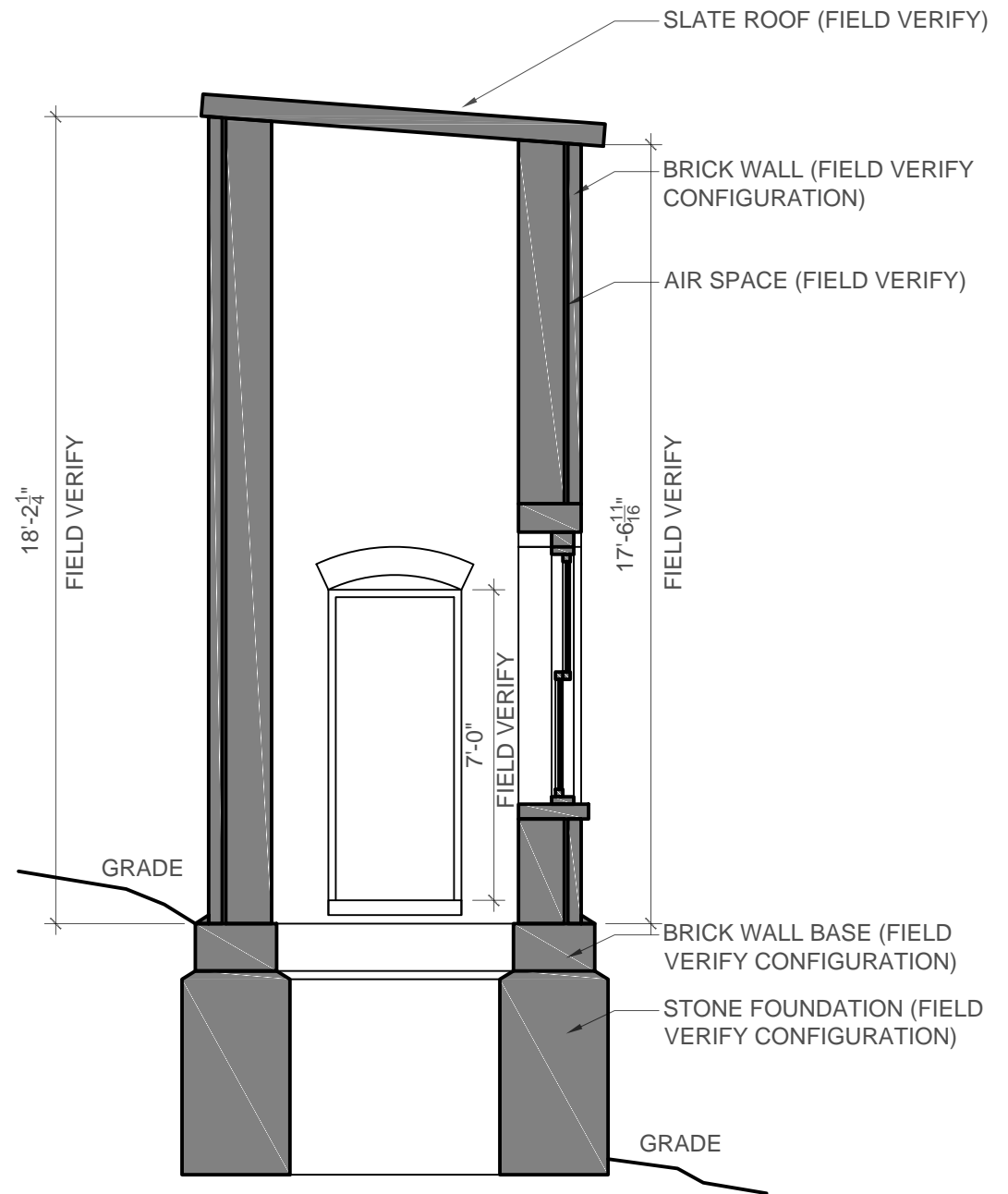
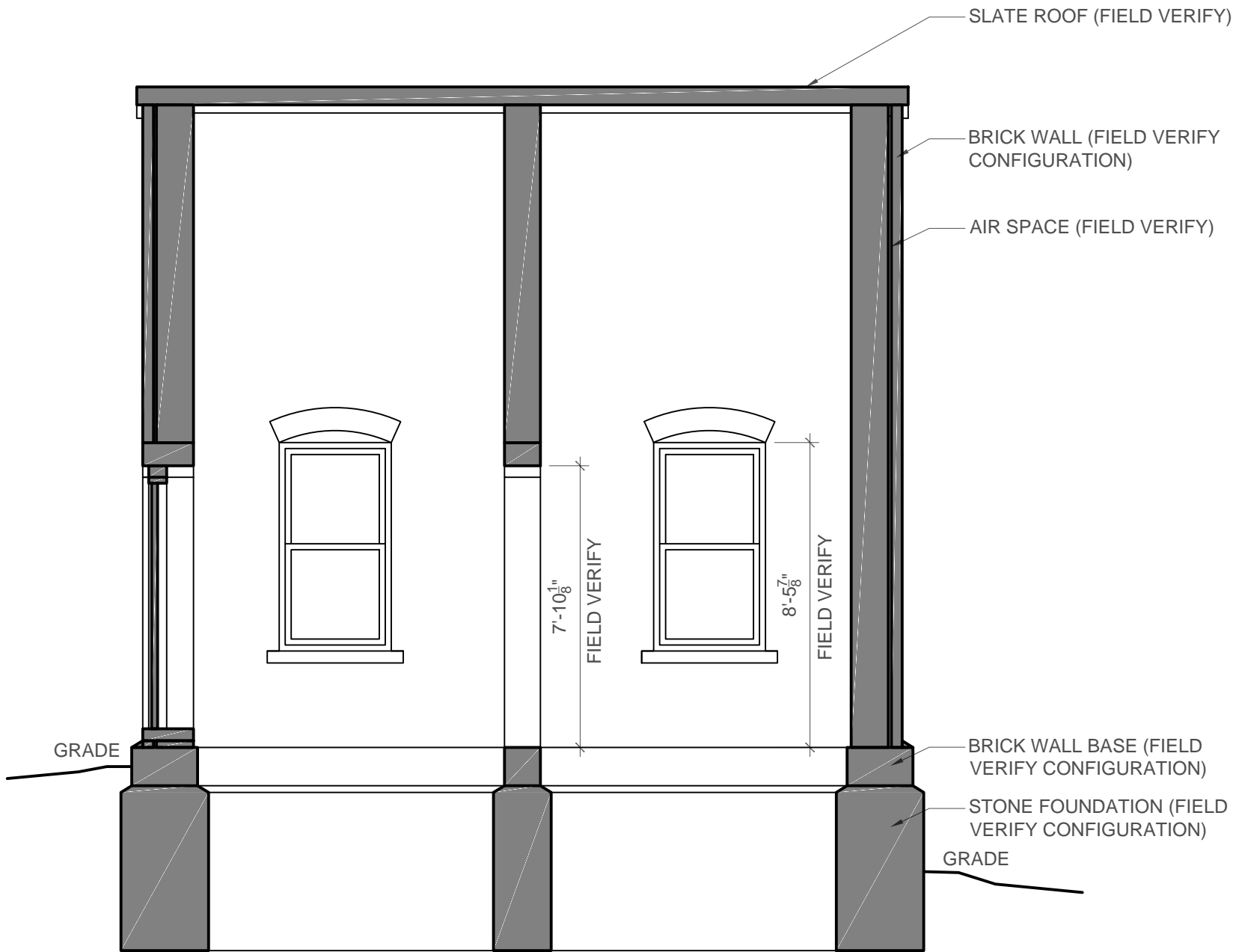
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**S1.0**

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**A** BUILDING SECTION  
SCALE: 1/4" = 1'-0"

**B** BUILDING SECTION  
SCALE: 1/4" = 1'-0"

PROJECT: **CABLE SWITCH HOUSE**  
 295 DURHAM POINT ROAD, DURHAM, NH  
 SHEET TITLE: **BUILDING SECTIONS**

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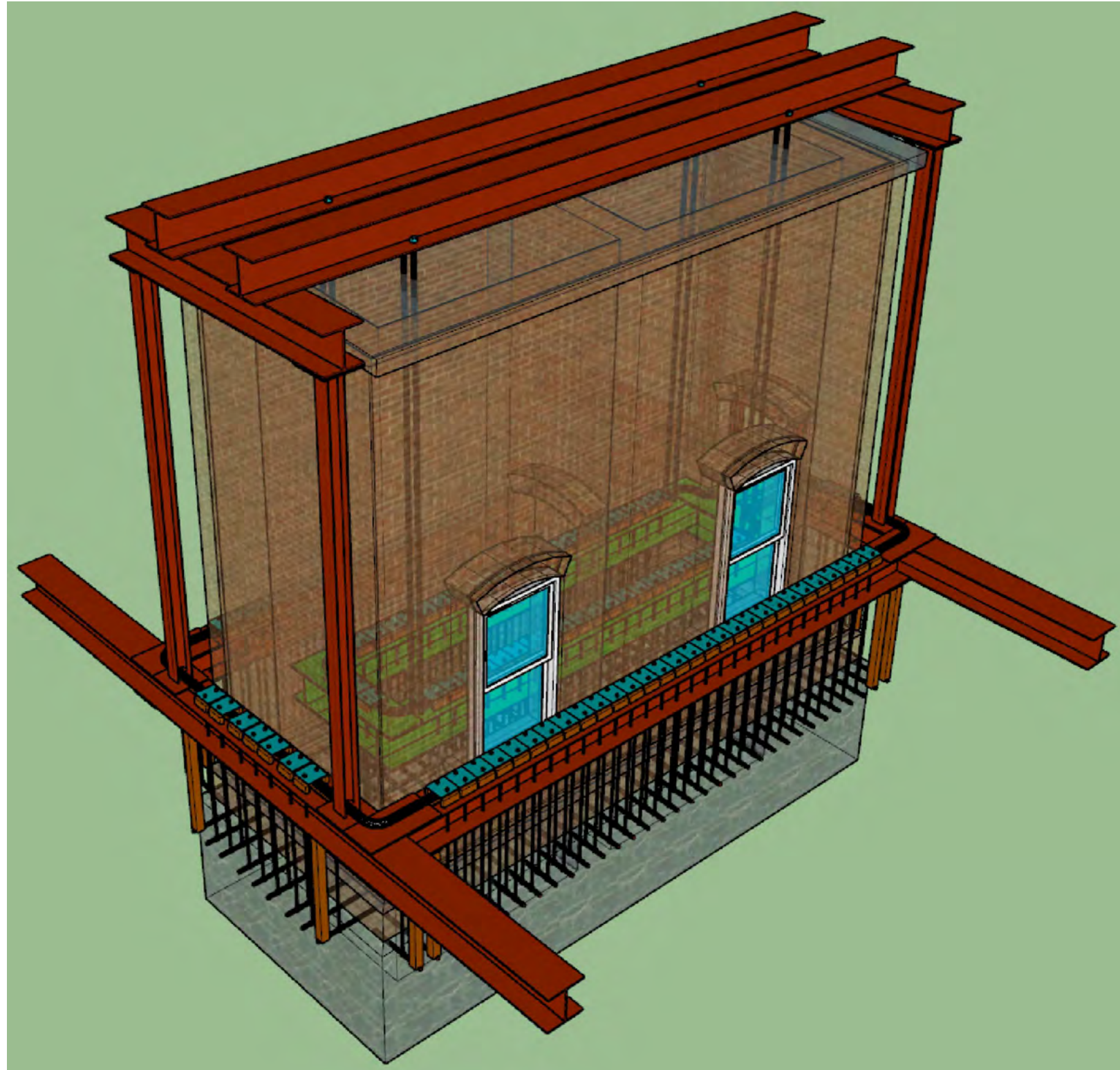
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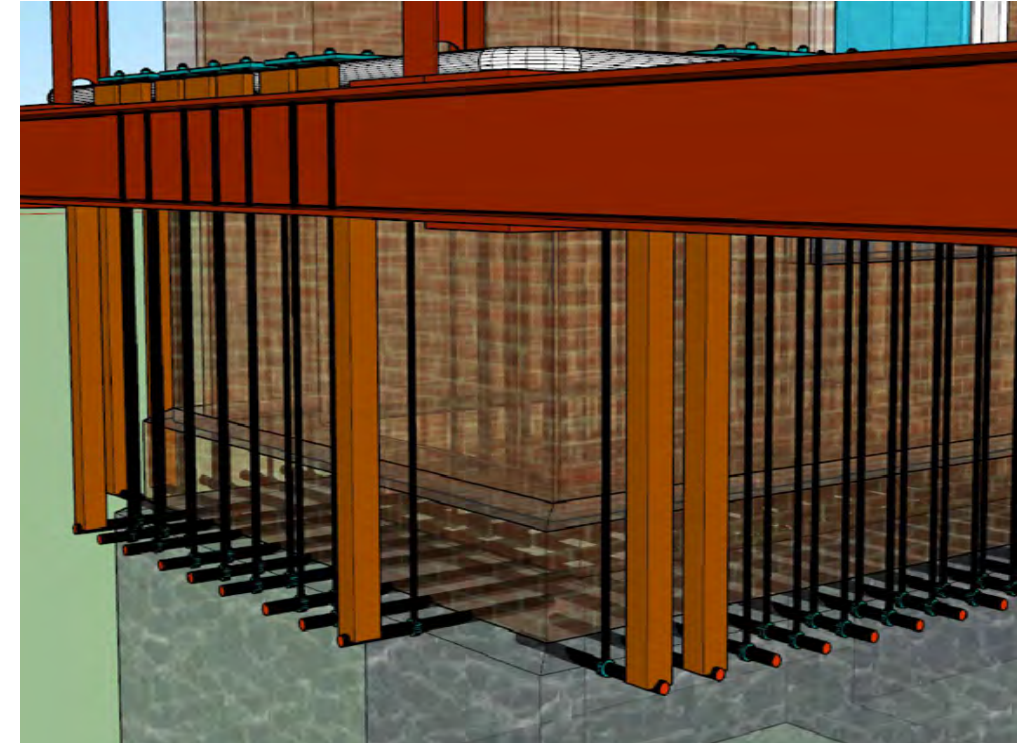
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DATE: **12-07-2017**

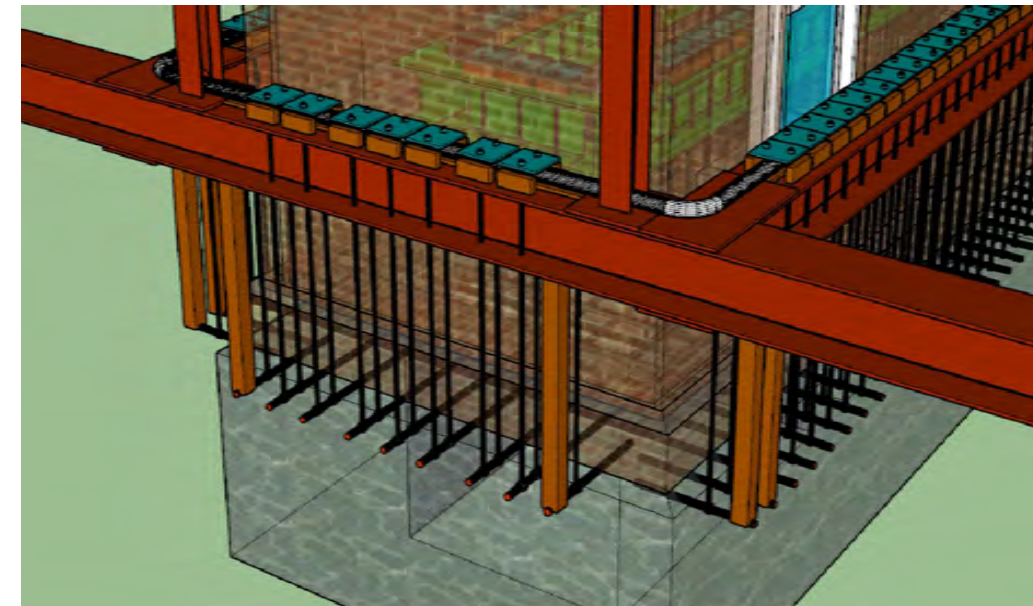
SHEET NO: **S1.1**



SOUTHEAST SIDE OF STRUCTURE.



AT BOTTOM OF BRICK 2" HOLES WILL BE DRILLED THROUGH THE BUILDING WALLS SO THAT HORIZONTAL RODS CAN PASS THROUGH STRUCTURE.



VERTICAL BARS GO FROM HORIZONTAL BARS TO STEEL PLATES THAT ARE ARE BEING SUPPORTED BY A 3" FIRE HOSE.

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PROJECT:  
**CABLE SWITCH HOUSE**

295 DURHAM POINT ROAD, DURHAM, NH

SHEET TITLE:  
RELOCATION IMAGES

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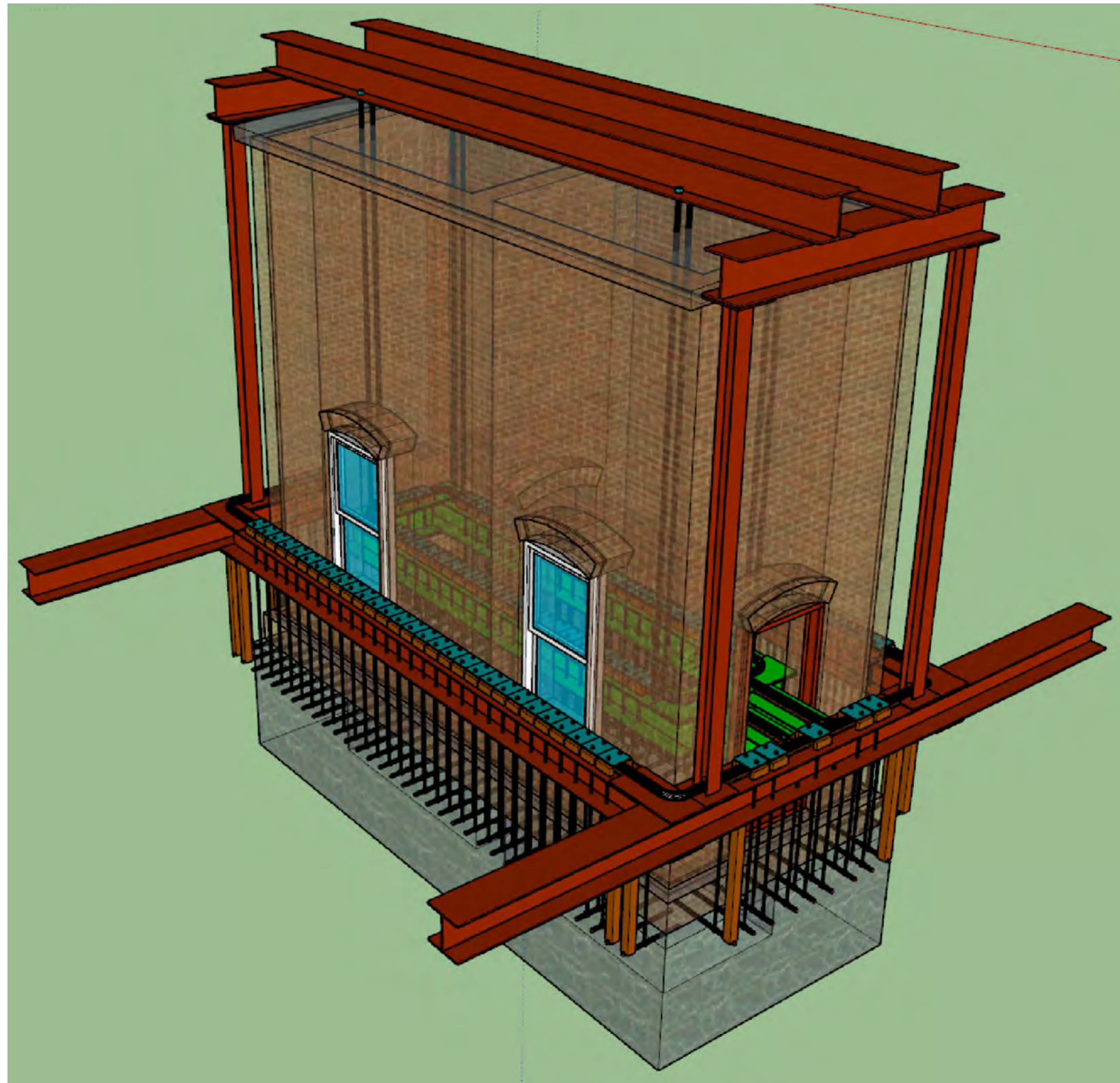
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**170417**

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**MNG**

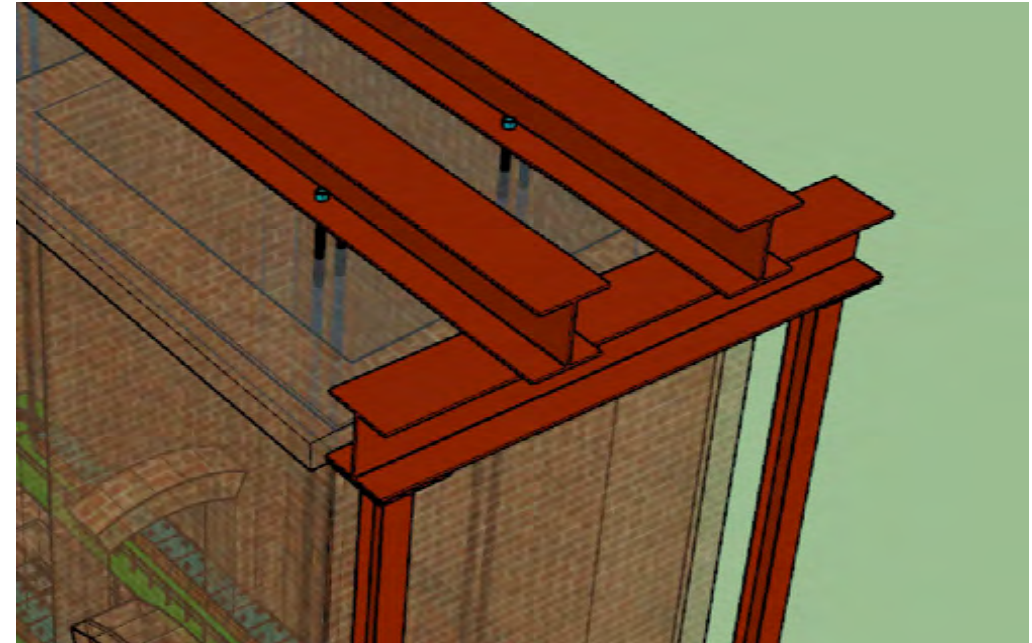
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12-07-2017

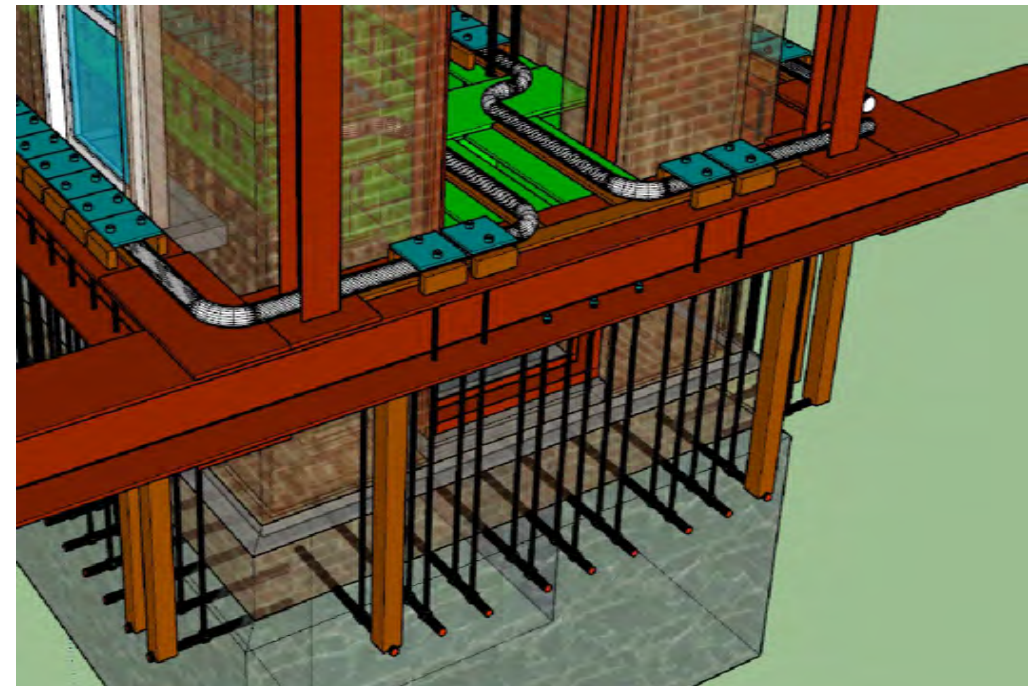
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**S2.0**



NORTHEAST SIDE OF STRUCTURE.



2 HORIZONTAL BEAMS WILL SUPPORT 8 VERTICAL BARS THAT WILL PASS THROUGH ROOF TO SUPPORT INTERIOR FRAMING.



3" HOSE WILL MAKE A PERIMETER AROUND THE EXTERIOR OF THE BUILDING AND PASS THROUGH THE DOOR OPENING TO FORM A LOOP ON THE INTERIOR FRAMING.

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PROJECT:  
**CABLE SWITCH HOUSE**

295 DURHAM POINT ROAD, DURHAM, NH

SHEET TITLE:  
RELOCATION IMAGES

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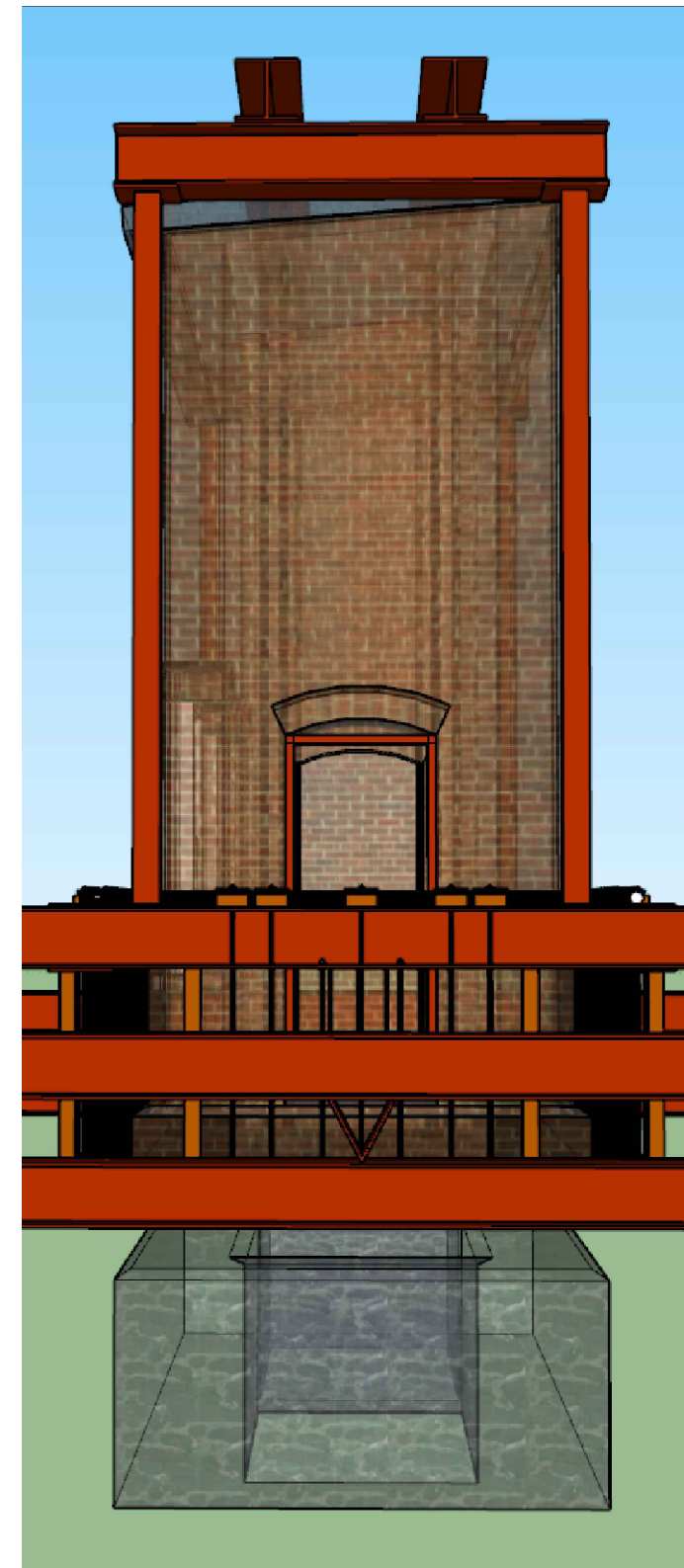
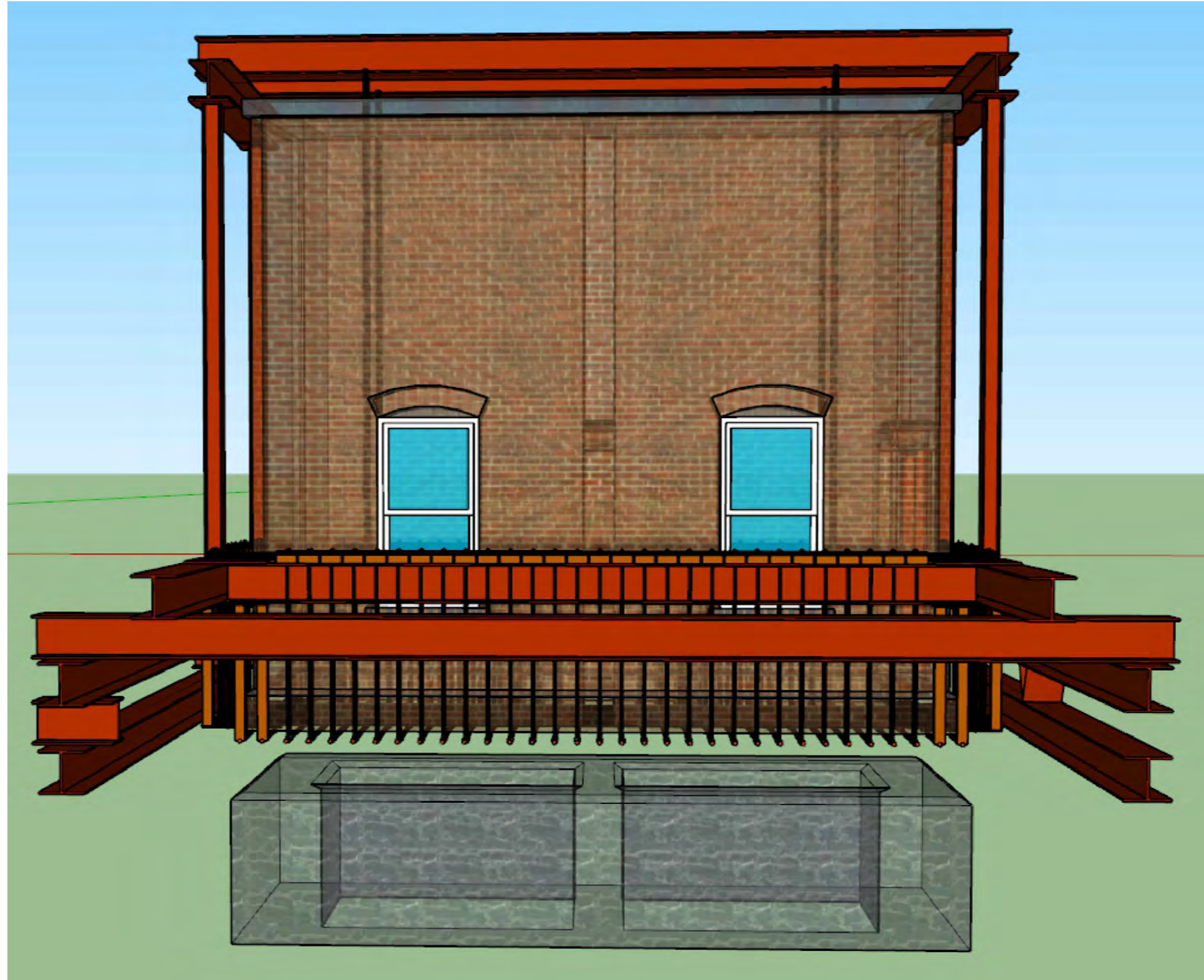
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**170417**

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**MNG**

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DATE:  
12-07-2017

SHEET NO:  
**S2.1**



VIEW OF EAST SIDE OF STRUCTURE. ADDITIONAL FRAMING TO LIFT BUILDING FROM FOUNDATION.

VIEW OF NORTH SIDE OF STRUCTURE.

STRUCTURAL ENGINEER:

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401-654-4600  
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PROJECT:  
**CABLE SWITCH HOUSE**

295 DURHAM POINT ROAD, DURHAM, NH

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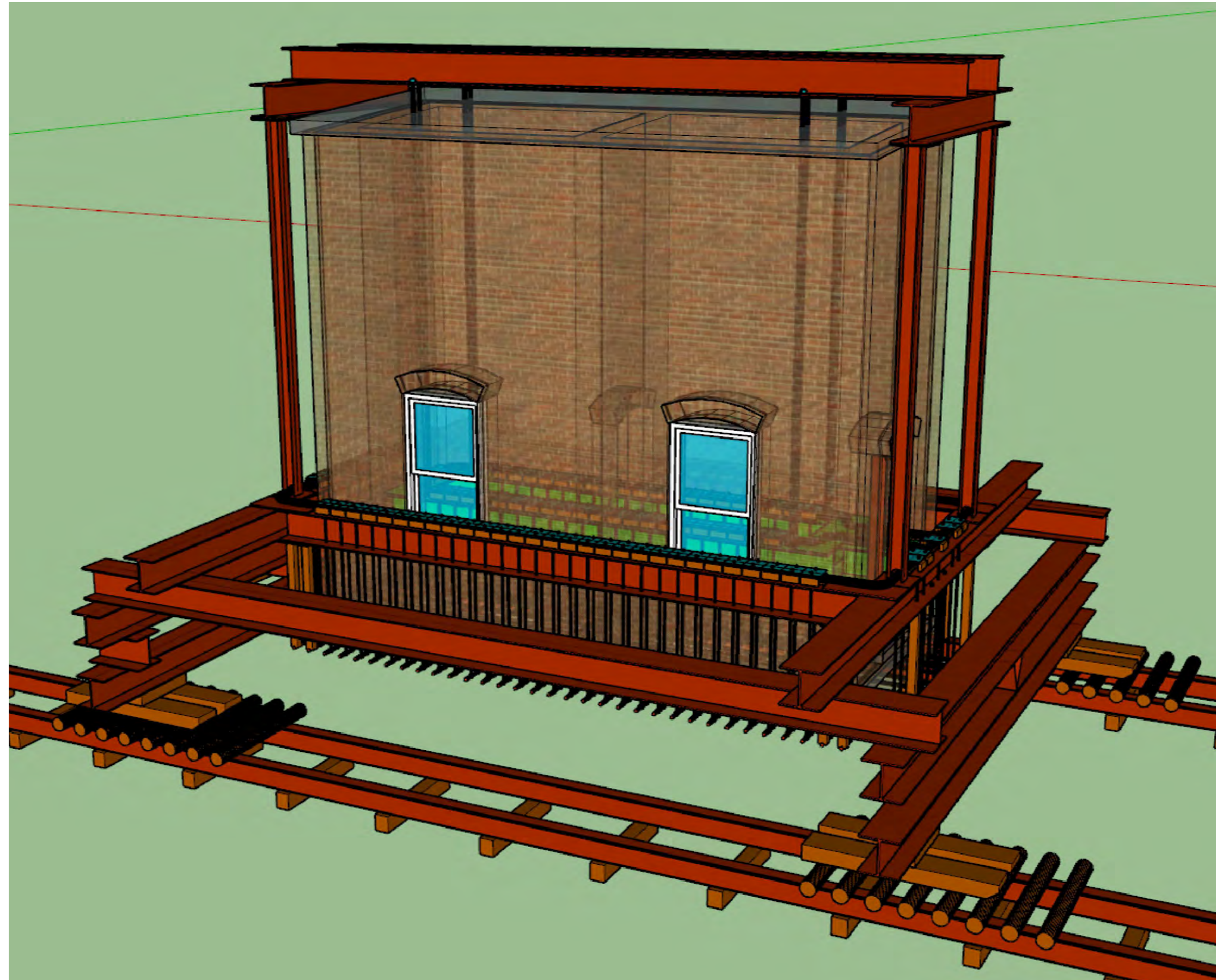
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**170417**

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**MNG**

SCALE:  
AS-NOTED

DATE:  
12-07-2017

SHEET NO:  
**S2.2**



STRUCTURE WILL BE PLACED ON HEAVY TIMBER SHOES, WITH ROLLERS ON STEEL TRACKS AND WILL BE MOVED TO TEMPORARY LOCATION.

STRUCTURAL ENGINEER:

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PROVIDENCE, RI 02909  
401-654-4600  
200 5TH STREET  
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906-379-0520



PROJECT: **CABLE SWITCH HOUSE**

295 DURHAM POINT ROAD, DURHAM, NH

SHEET TITLE: **RELOCATION IMAGES**

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PROJECT NO: **170417**

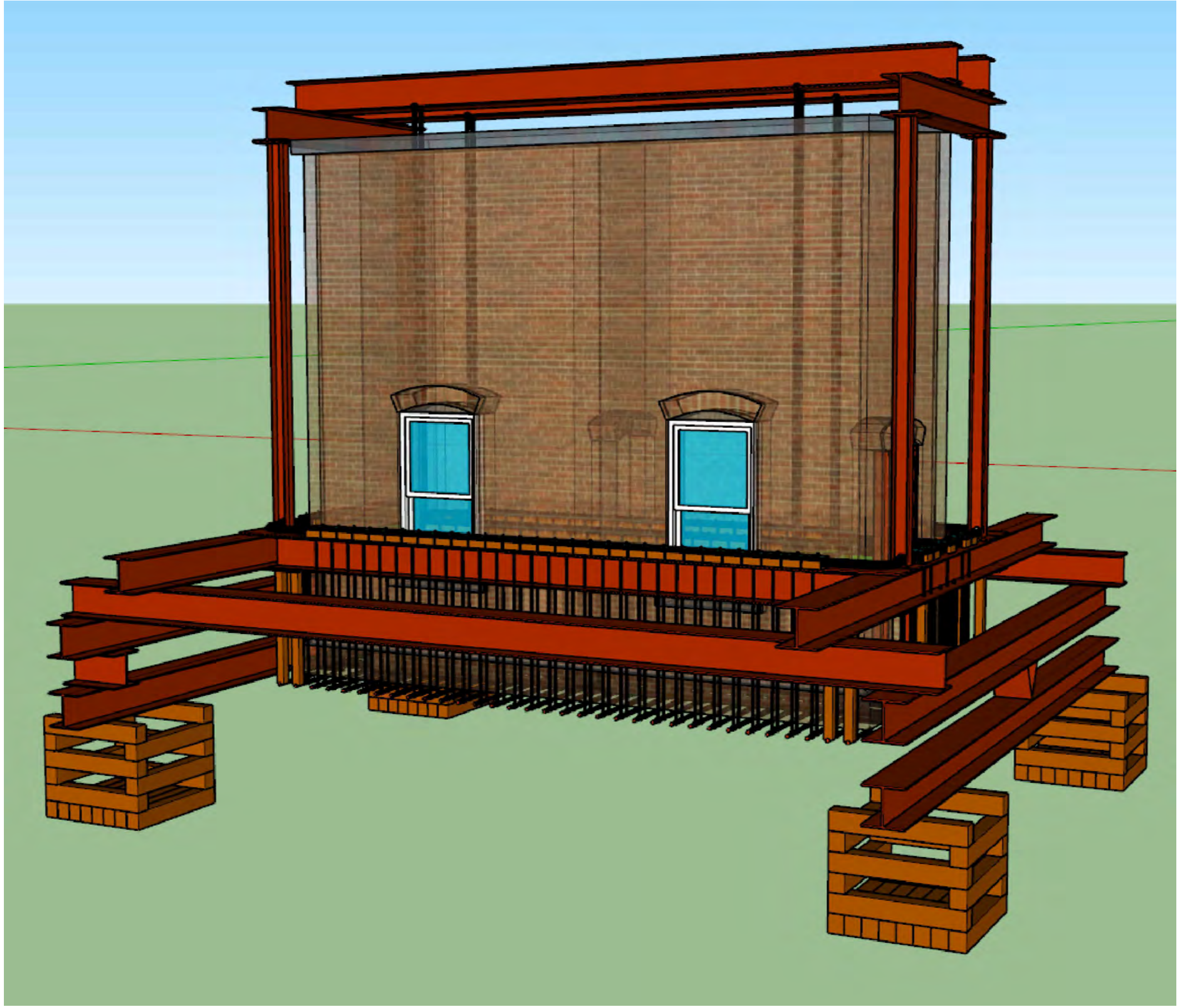
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SCALE: **AS-NOTED**

DATE: **12-07-2017**

SHEET NO: **S2.3**





FOR STORING ON THE TEMPORARY LOCATION THE STRUCTURE WILL BE PLACED ON HEAVY TIMBER CRIBBING, WITH FOAM PADDING FOR VIBRATION BETWEEN STEEL BEAM AND TIMBER.

STRUCTURAL ENGINEER:

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PROJECT: **CABLE SWITCH HOUSE**

295 DURHAM POINT ROAD, DURHAM, NH

SHEET TITLE: **RELOCATION IMAGES**

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	REVISION	

FOR: **REVIEW**

PROJECT NO: **170417**

DRAWN: **MNG**

SCALE: **AS-NOTED**

DATE: **12-07-2017**

SHEET NO: **S2.4**

**EARTHWORK:**

1. COMPLIANCE OF SOIL COMPACTION AND OTHER MEASURES TAKEN TO ACHIEVE THE ALLOWABLE BEARING PRESSURE IN AREAS OF BACKFILL SHALL BE FIELD VERIFIED BY A QUALIFIED SOILS ENGINEER.

**FOUNDATION SPECIFICATIONS:**

1. THE BUILDING FOOTINGS HAVE BEEN DESIGNED USING AN ASSUMED MINIMUM ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF.
2. IT IS THE RESPONSIBILITY OF THE FOUNDATION CONTRACTOR TO CAREFULLY REVIEW ALL WORKING DRAWINGS AND DETAILS FOR ACCURACY AND CONSISTENCY. ONLY DRAWINGS MARKED "FOR CONSTRUCTION" SHALL BE USED FOR CONSTRUCTION WORK. FIRE TOWER ENGINEERED TIMBER CANNOT BE HELD RESPONSIBLE FOR WORK INITIATED INCORRECTLY DUE TO MISUNDERSTANDING OR MISINTERPRETATION. IF THERE ARE ANY QUESTIONS AFTER FOUNDATION PLANS HAVE BEEN REVIEWED, PLEASE CALL FIRE TOWER ENGINEERED TIMBER BEFORE INITIATING ANY WORK.

**CONCRETE SPECIFICATIONS:**

1. ALL CONCRETE SHALL BE PLACED AND CURED IN ACCORDANCE WITH ACI STANDARDS.
2. UNLESS NOTED OTHERWISE, CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF F'C = 4,000PSI, WITH ALL SLABS F'C = 4,000PSI. ALL CONCRETE EXPOSED TO WEATHER SHALL CONTAIN 6% AIR ENTRAINMENT OR SHOW EQUIVALENT FREEZE-THAW PROTECTION.
3. ALL FOOTINGS, POST PADS, AND SLABS ARE TO BE PLACED ON UNDISTURBED SOIL OR WELL-COMPACTED FILL, OR PINNED TO CLEANED LEDGE. ALL FOOTINGS ARE TO BE PLACED BELOW FROST LINE (48") AND STEPPED, AS REQUIRED BY LOCAL BUILDING CODE. ISOLATED PIER FOOTINGS SHALL BE 60" BELOW FROST LINE.
4. FOUNDATION WALLS ARE TO BE PLUMB, SQUARE, AND SIZED TO WITHIN A 1/4" OF RELATIVE ELEVATIONS SHOWN ON PLANS.
5. VERTICAL CONTRACTION JOINTS FOR FULL HEIGHT WALLS TO BE LOCATED 15 FEET FROM INTERIOR CORNERS (MINIMUM) AND SPACED 30 FEET CENTER TO CENTER (MINIMUM). JOINTS ARE TO RUN FROM FOOTING TO TOP OF WALL, AND BE FORMED ON BOTH SIDES OF THE FOUNDATION WALL.
6. PROVIDE A 6-MIL POLYETHYLENE VAPOR RETARDER WITH JOINTS LAPPED NOT LESS THAN 6" BETWEEN THE SUBGRADE AND CONCRETE FLOOR SLABS.
7. SUB-SLAB PREPARATION, DAMP-PROOFING OR WATERPROOFING, ANY SUB-SLAB ELECTRICAL, PLUMBING OR RADON PIPING, AND ALL FOOTINGS AND FLOOR DRAINS TO BE COORDINATED BY GENERAL CONTRACTOR.
8. PRESSURE TREATED SILLS ARE TO BE ANCHORED TO FOUNDATION WITH 5/8"Øx12" ANCHOR BOLTS. PROVIDE SILL GASKET. THE ANCHOR BOLTS ARE TO BE LOCATED 48" O/C, 6" FROM THE CORNERS, CENTERED ON THE WALL (1 3/4" MINIMUM FROM EDGES), AND EXPOSED 2 1/2", UNLESS OTHERWISE SPECIFIED.
9. CONTRACTOR TO PROVIDE AND INSTALL FOUNDATION VENTS PER APPLICABLE CODES.
10. POCKETS IN FOUNDATION WALLS FOR ENDS OF CARRYING BEAMS ARE TO BE SIZED AND LOCATED ACCORDING TO PLANS.
11. SLAB ON GRADE CONCRETE SHALL BE 4" THICK WITH #4 REBAR RUNNING AT 16" O.C. EACH WAY, CENTERED IN THE SLAB. CONFIRM WITH ARCHITECT BEFORE USING FIBERS OR OTHER REINFORCEMENT ADDITIONS SINCE SLAB IS FINISHED FLOOR SURFACE.
12. SUPPLY CONTROL JOINTS IN SLABS TO CREATE APPROXIMATELY SQUARE SHAPED SECTIONS WITH NO RE-ENTRANT CORNERS. JOINTS MAY BE CONSTRUCTION JOINTS, SAWN JOINTS, OR PREMOLDED JOINT STRIPS AT THE CONTRACTORS OPTION. MAXIMUM JOINT SPACING SHALL NOT EXCEED 15'.
13. CONCRETE SHALL HAVE A MINIMUM COVER ACCORDING TO:

- FOOTINGS (TO SOIL) 3"
- PIERS 2"
- PILASTERS 1 1/2"
- SLABS 1 1/4" FROM TOP, 3" FROM BOTTOM
- WALLS 1 1/2"

**REINFORCING SPECIFICATIONS:**

1. CRACK CONTROL JOINTS TO BE INCLUDED, PER LOCAL REQUIREMENT.
2. REINFORCING BARS (REBAR)#4 THROUGH #6 SHALL BE ASTM A615-GRADE 60 AND REINFORCING BARS #3 SHALL BE GRADE 40. LAP SPLICES SHALL BE A MINIMUM OF 24 BAR DIAMETERS (12" FOR #4 REBAR) LONG.
3. AT ALL FOUNDATION WALL CORNERS, HORIZONTAL BARS ARE TO BE MADE CONTINUOUS AROUND THE CORNER. BEND BARS AS REQUIRED, LAP SPLICES TO BE A MINIMAL 24 BAR DIAMETERS.
4. REINFORCING STEEL SHALL HAVE THE FOLLOWING YIELD STRENGTHS:
  - 40,000psi FOR #3 REBAR
  - 60,000psi FOR #4 & LARGER REBAR
 UNLESS NOTED OTHERWISE ON THESE STRUCTURAL DRAWINGS, ALL REBAR ARRANGEMENT AND BENDING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE ACI DETAILING MANUAL (ACI SP-66).

STRUCTURAL ENGINEER:

27 SIMS AVE, 2R  
PROVIDENCE, RI 02909  
401-654-4600  
200 5TH STREET  
CALLUMET, MI 49913  
906-379-0520



PROJECT: **CABLE SWITCH HOUSE**  
 295 DURHAM POINT ROAD, DURHAM, NH  
 SHEET TITLE: **FOUNDATION SPECIFICATIONS**

#	REVISION	DATE
	REVISION	
	REVISION	
	REVISION	
	REVISION	
	REVISION	

FOR: **REVIEW**

PROJECT NO: **170417**

DRAWN: **MNG**

SCALE: **AS-NOTED**

DATE: **12-07-2017**

SHEET NO: **S3.0**



PROJECT: **CABLE SWITCH HOUSE**  
295 DURHAM POINT ROAD, DURHAM, NH  
SHEET TITLE: **FOUNDATION SPECIFICATIONS**

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FOR: **REVIEW**

PROJECT NO: **170417**

DRAWN: **MNG**  
SCALE: **AS-NOTED**  
DATE: **12-07-2017**

SHEET NO: **S3.1**

5. WHEN THE AVERAGE DAILY TEMPERATURE IS EXPECTED TO BE BELOW 40°F FOR THREE CONSECUTIVE DAYS, COLD WEATHER CONCRETING REQUIREMENTS SHALL BE FOLLOWED. WHEN THE AMBIENT OR CONCRETE TEMPERATURES ARE EXPECTED TO BE ABOVE 90°F OR STEEL AND FORMING MATERIAL ABOVE 120°F, HOT WEATHER CONCRETING REQUIREMENTS SHALL BE FOLLOWED.

COLD WEATHER CONCRETING

- CONCRETE SHALL NOT BE INSTALLED WHEN SUBJECT TO FREEZING TEMPERATURES, UNLESS FOLLOWING ACI PROCEDURES FOR CURING UNDER SUCH ADVERSE CONDITIONS.
- CONCRETE SHALL NOT BE PLACED ON FROZEN SUBGRADE
- SNOW, ICE, AND FROST SHALL BE REMOVED FROM ALL REINFORCING, FORMS, AND OTHER SURFACES WHICH WILL BE IN CONTACT WITH THE CONCRETE.
- CONCRETE SHALL BE PROTECTED AGAINST DAMAGE FROM FREEZING FOR A MINIMUM OF 3 DAYS AFTER PLACEMENT.
- WHEN FREEZING TEMPERATURES MAY OCCUR, BUT IN SHORT ENOUGH DURATION TO NOT BE CLASSIFIED AS COLD WEATHER, PROTECT CONCRETE FROM FREEZING FOR AT LEAST 24 HOURS AFTER CONCRETE PLACEMENT.
- TEMPERATURES OF CONCRETE SHALL BE MEASURED AT THE CONCRETE SURFACE, AND RECORDED FOR THE FIRST 3 DAYS AFTER PLACEMENT AT THE BEGINNING, MIDDLE, AND END OF EACH WORK DAY.
- THE TEMPERATURE OF THE CONCRETE SHALL NOT FALL BELOW:
 

LEAST DIMENSION	TEMP.
>72"	40°F
36-72"	45°F
12-36"	50°F
<12"	55°F
- IF TEMPERATURE REQUIREMENTS ARE NOT MAINTAINED DURING THE REQUIRED PROTECTION PERIOD, CONTACT ENGINEER OF RECORD TO DETERMINE AMOUNT OF TIME REQUIRED TO EXTEND PROTECTION PERIOD.

HOT WEATHER CONCRETING

- IF CONDITIONS DUE TO HEAT OR WIND INCREASE THE RISK OF ACCELERATED CURING, CONCRETE SHALL BE MODIFIED WITH THE ADDITION OF RETARDING ADMIXTURES. APPROVAL BY THE ENGINEER OF RECORD IS REQUIRED.
- WATER SHALL NOT BE ADDED TO THE CONCRETE MIXES TO INCREASE WORKABILITY. ANY WATER REDUCTION AGENTS SHALL BE APPROVED BY THE ENGINEER OF RECORD BEFORE ADDING TO THE MIX.
- CONCRETE SHALL NOT EXCEED 90°F AT TIME OF PLACEMENT. CHILLED WATER, ICE, OR COOLED AGGREGATE MAY BE USED, PROVIDED THAT THE PROPER W/C RATIO IS MAINTAINED.

CAST IN PLACE TOLERANCES:

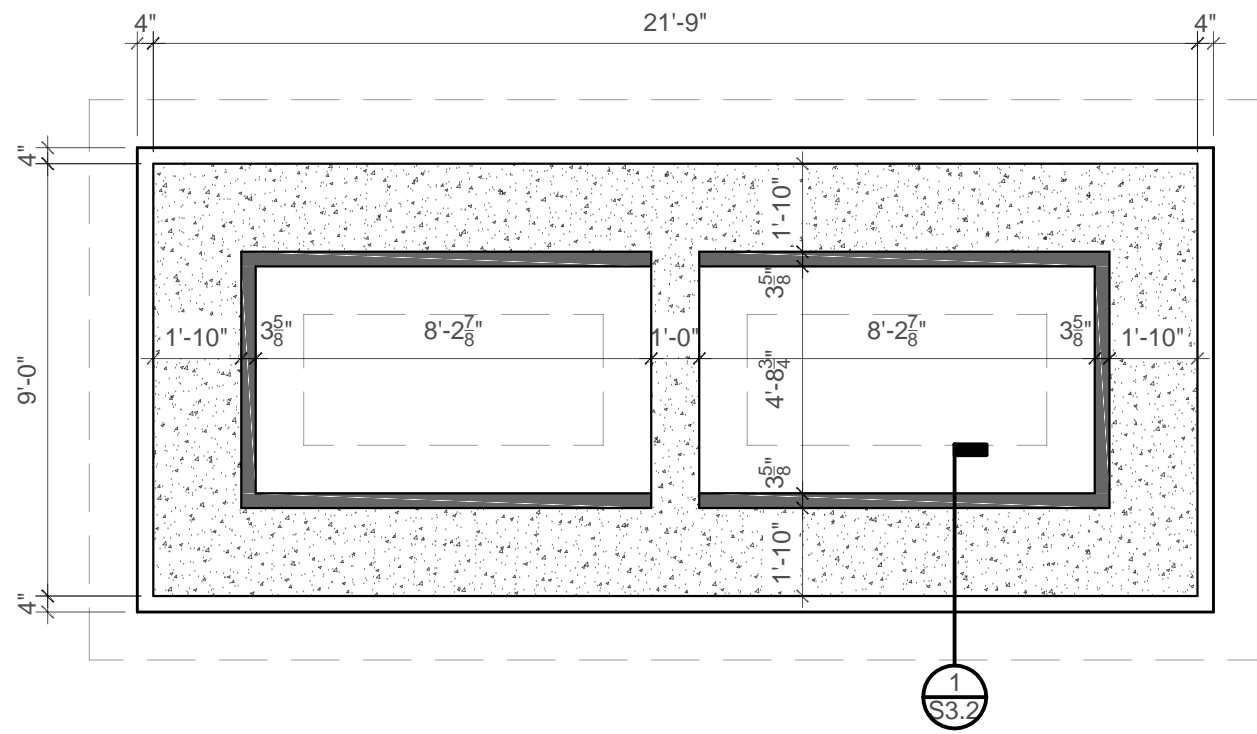
1. CONCRETE COVERED AS MEASURED PERPENDICULAR FROM THE SURFACE IN THE DIRECTION OF MEASUREMENT SHALL NOT EXCEED 3/8".
2. PLACEMENT OF FOOTINGS SHALL BE WITHIN THE FOLLOWING:
  - LEVEL ALIGNMENT - 2" to + 1/2"
  - LATERAL ALIGNMENT ± 2"
3. DIMENSIONS OF FOOTINGS SHALL BE WITHIN THE FOLLOWING:
  - FORMED - 1/2" to + 2"
  - EARTHCAST < 2' W - 1/2" to + 3"
  - > 2' W - 1/2" to + 6"
  - THICKNESS ± 1/2"
4. THE TOP OF FOOTING SLOPE SHALL NOT EXCEED 1 IN 10.

MASONRY:

1. MASONRY SHALL BE LAID IN A RUNNING BOND PATTERN WITH TYPE M MORTAR BELOW GRADE, TYPE S MORTAR ABOVE GRADE
2. WHERE GROUTED CELLS ARE CALLED OUT, GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000psi AND CONSIST OF PEA GRAVEL (3/4" MAX) AGGREGATE.
3. GROUT POURS ABOVE 5' SHALL HAVE CLEANOUTS PROVIDED IN THE BOTTOM COURSE OF MASONRY.
4. SOLID BLOCK, OR SOLID GROUTED CMUs SHALL BE PROVIDED IN ALL COURSES IMMEDIATELY ADJACENT (ABOVE OR BELOW) ANY CHANGES IN THE WYTHE THICKNESS.
5. A MINIMUM OF ONE #4 VERTICAL IS REQUIRED AT THE END OF EACH WALL, CORNER, AND EACH END OF CONTROL JOINTS.
6. QUALITY ASSURANCE AND OTHER DETAILS NOT SPECIFIED HEREIN SHALL BE IN ACCORDANCE WITH ACI 530-05.

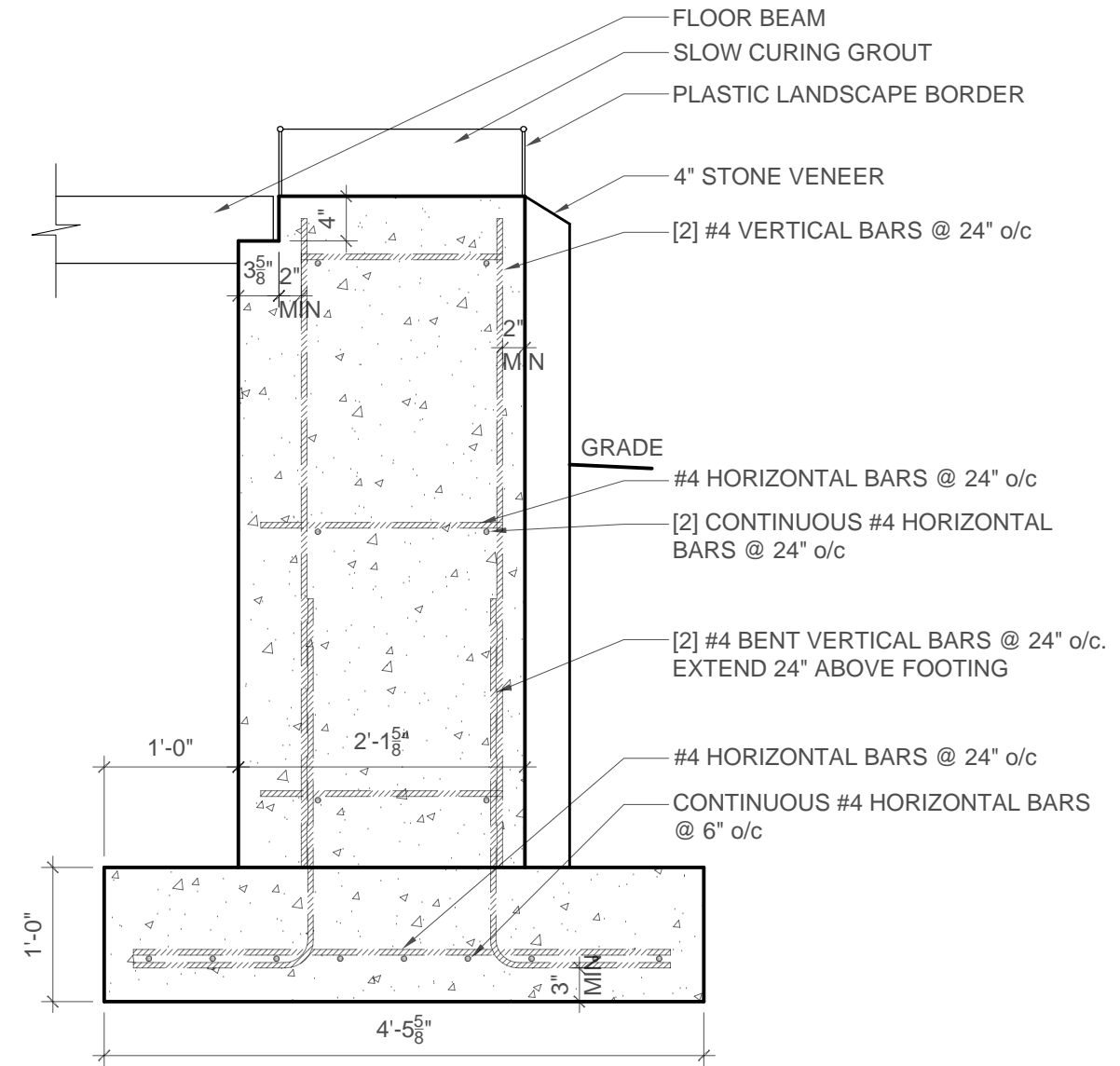
STRUCTURAL STEEL:

1. FABRICATION AND ERECTION OF ALL STRUCTURAL STEEL SHALL CONFIRM WITH THE LATEST EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION, ASD.
2. ALL CONNECTIONS NOT SPECIFICALLY DETAILED ON THESE PLANS SHALL BE DETAILED BY THE FABRICATOR.
3. NO CUTS, HOLES, OR COPEs SHALL BE MADE IN THE FIELD. ONLY THOSE SHOWN ON THE FABRICATOR SHOP DRAWINGS, AND MADE IN THE SHOP, SHALL BE PERMITTED.
4. SPLICING OF MEMBERS IS NOT ALLOWED, UNLESS SPECIFICALLY CALLED OUT OR APPROVED BY THE ENGINEER OF RECORD.
5. TEMPORARY BRACING, GUYS, AND OTHER LATERAL SUPPORT SHALL BE PROVIDED UNTIL THE BUILDING FRAME IS COMPLETELY INSTALLED.
6. ALL WELDS SHALL BE MADE WITH E70XX TYPE ELECTRODES.



**NEW FOUNDATION PLAN**

SCALE: 1/4" = 1'-0"



**FOUNDATION DETAIL**

SCALE: 3/4" = 1'-0"

**CABLE SWITCH HOUSE**

295 DURHAM POINT ROAD, DURHAM, NH

NEW FOUNDATION PLAN

PROJECT:

#	REVISION	DATE
	REVISION	
	REVISION	
	REVISION	
	REVISION	
	REVISION	

FOR:

REVIEW

PROJECT NO:

170417

DRAWN:

MNG

SCALE:

AS-NOTED

DATE:

12-07-2017

SHEET NO:

**S3.2**

**From:** Miller, Nadine <Nadine.Miller@dncr.nh.gov>  
**Sent:** Tuesday, May 15, 2018 11:47 AM  
**To:** Doperalski, Mark  
**Subject:** revised MOA language for SRP  
**Attachments:** SRP-MOA draft.docx

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Beth is not in the office this week, so when we get the full draft MOA, she will also review and may ask for minor changes but usually nothing major.

I'm in the office all day if you want to chat.

Thanks!  
Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

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The USACE shall ensure that the following measures are carried out in consultation with the NHSHP:

**I. Historic American Engineering Record (HAER) of the Little Bay Underwater Cable Terminal Houses Historic District**

- a. Historic American Engineering Record (HAER) Documentation of the Little Bay Underwater Cable Terminal Houses Historic District shall be undertaken by an Architectural Historian qualified under 36 CFR 61. The HAER documentation shall consist of an outline format engineering structures report including large format photographs, photo key and index, site plan, and outline narrative. The documentation shall include both cable terminal houses (one in Durham and one in Newington) and the underwater cables. A digital scan of the cable terminal house on the Durham side only shall be completed and included in the documentation. The underwater cable documentation shall consist of narrative information and/or site plans that show the location of the cables.
- b. A digital draft HAER document will be submitted to NHSHP for review and comment for a period of 45 days. One draft copy will then be provided by Eversource on behalf of USACE, to NPS for review and comment.
- c. Following NPS comment, one final archival copy (with one set of photographs) will be submitted to NPS and the NHSHP (in archival folder) by Eversource. In addition, a digital PDF copy will be submitted to NHSHP. One copy printed on archival paper will be submitted to the appropriate local repositories in Durham and Newington.

**II. Stabilization, Relocation, and Rehabilitation of Durham Cable House Terminal**

- a. Eversource shall fund and oversee work to stabilize and move the Durham side cable terminal house 50 feet to the north of its historic location during construction. Once the construction has been completed, Eversource shall permanently place the cable terminal house in a location 12 feet to the west of and 15 feet to the north of its historic location. The cable terminal house shall be placed on a new foundation constructed of field stone and mortar set upon a below-grade concrete footing. All work will follow specifications outlined in the plan sheet found in Appendix B.
- b. Eversource shall fund and oversee the rehabilitation of the Durham side cable terminal house once it has been placed in its new permanent location. All work shall follow the *Secretary of the Interior's Standards for the Treatment of Historic Properties* and shall be overseen by a 36 CFR 61 qualified Architectural Historian. Rehabilitation work shall include brick masonry wall repointing, roof repair, door and window repair and work to ensure the floor system is stable. Eversource and its Architectural Historian shall consult with NHSHP when plans are at 50% and 90% complete to ensure that the *Standards* are being met.

### **III. Exterior Interpretive Signage**

- a. Eversource shall fund and install interpretive signage at Fox Point to interpret the historical and engineering significance of the Little Bay Underwater Cable Terminal Houses Historic District. Development of the signage shall be overseen by a 36 CFR 61 qualified Architectural Historian. Signage shall include narrative and photographs. NHSHPPO shall be provided 30 days to review and comment on draft text/layout. The panel shall be placed at Fox Point on land owned by the Town of Newington. Specific location to be decided by Town of Newington and the Newington Historic District Commission, in consultation with Eversource and NHSHPPO.

### **IV. Interior Interpretive Displays in Durham and Newington**

- a. Eversource shall fund and oversee the development of two identical interpretive displays, one each for the towns of Durham and Newington to convey the historical and engineering significance of the Little Bay Underwater Cable Terminal Houses Historic District. The work will be overseen by an Architectural Historian qualified under 36 CFR 61. Consultation on the content of the displays shall be between Eversource, NHSHPPO, Durham Historic District Commission, and the Newington Historic District Commission. At a minimum, the displays will exhibit samples of the historical underwater cable and new underwater cable, provide a narrative on the historic and modern technology involved, and summarize a history of the resource. NHSHPPO will have 30 days to review and comment on the text/layout of the displays. NHSHPPO, the Durham Historic District Commission and the Newington Historic District shall consult with Eversource to identify appropriate publicly accessible venues in each community to install the displays.

**From:** Miller, Nadine <Nadine.Miller@dncr.nh.gov>  
**Sent:** Tuesday, May 15, 2018 12:57 PM  
**To:** Doperalski, Mark  
**Subject:** RE: revised MOA language for SRP

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---

Great! That's what I figured.

If I don't hear back from you by Friday. I'll go along and forward this to Lindsay as promised, but hopefully they will be able to respond before then and I can send her the fully reviewed version.

Nadine

---

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**Sent:** Tuesday, May 15, 2018 12:55 PM  
**To:** Miller, Nadine  
**Subject:** RE: revised MOA language for SRP

Hi Nadine,

This looks fine to me. I will send it along to the project manager and director to make sure they do not have any issues. Better to get any of their issues out of the way now as opposed to ironing them out when we get the MOA back from the USACE.

Thanks,

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

**EVERSOURCE**  
13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)



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**From:** Doperalski, Mark  
**Sent:** Tuesday, May 15, 2018 12:58 PM  
**To:** 'Miller, Nadine'  
**Subject:** RE: revised MOA language for SRP

Sounds like a good plan. Thanks.

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

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**Sent:** Tuesday, May 15, 2018 11:47 AM  
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**Subject:** revised MOA language for SRP

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**From:** Doperalski, Mark  
**Sent:** Wednesday, May 16, 2018 11:10 AM  
**To:** 'Boisvert, Richard A'; 'Miller, Nadine'  
**Subject:** SRP - Tech Session Agenda - Revised May 15th  
**Attachments:** 2015-04\_2018\_05-15\_revised\_tech\_session\_agenda.pdf

FYI

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

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**STATE OF NEW HAMPSHIRE  
SITE EVALUATION COMMITTEE**

**Docket No. 2015-04**

**Application of Public Service Company of New Hampshire  
d/b/a Eversource Energy for Certificate of Site and Facility**

**May 15, 2018**

**REVISED TECHNICAL SESSION AGENDA**

Consistent with the Revised Procedural Order issued on April 6, 2018, technical sessions are scheduled in this docket on **May 15, 16, and 23**. The Technical sessions will be held at **49 Donovan Street, Concord, NH**. This agenda is provided in order to ensure an efficient process, but each witness or panel of witnesses may take more or less time than estimated. The Technical Sessions are an informal opportunity for the parties to ask questions of the witnesses who have pre-filed testimony in this matter.

The following schedule and procedures shall apply:

**1. Schedule of Witnesses.**

**May 15, 2018—COMPLETED ACCORDING TO SCHEDULE**

**9:00 to 11:00 a.m.**

- Payson Whitney and Matthew Ladewig, ESS Group, Inc. (CFP)

**11:15 a.m. to 12:45 p.m.**

- Michael Lawrence, Michael Lawrence Associates, PLC (CFP)

**1:45 to 3:45 p.m.**

- Joseph Famely and Matthew Shultz, Woods Hole Group; Stephen Jones, UNH; and Michael Dacey, GeoInsight, Inc. (Durham)

**May 16, 2018**

**9:00 to 9:30 a.m.**

- Helen Frink<sup>1</sup>

**9:30 a.m. to 11:00 a.m.**

- Denis Hebert (Newington)

**11:15 a.m. to 12:15 p.m.**

- Todd Selig (Durham)

**1:15 to 1:30 p.m.**

- Keith Frizzell<sup>2</sup>

**1:30 to 2:00 p.m.**

- ~~Jason Baker, Fat Dog Shellfish Co., LLC~~<sup>3</sup>

**May 23, 2018**

**9:45 to 10:00 a.m.**

- Donna Heald (Durham Residents)

**10:00 to 11:30 a.m.**

- Patricia O'Donnell, Heritage Landscapes (CFP)

**11:45 a.m.-12:30 p.m.**

- Nancy Sandberg and Janet Mackie, Durham Historic Association

**2. Order of Inquiry.** The order of inquiry for each witness/panel will begin with the Applicant on each scheduled day. Once the Applicant has completed its questions, Counsel for

---

<sup>1</sup> Mr. Weinrieb was scheduled to appear at 9:00 a.m. on May 16, but the parties do not have any questions for him. Accordingly, Ms. Frink agreed to appear at 9:00 a.m. on May 16.

<sup>2</sup> Attorney Lanzetta has been contacted and was asked if his client can appear after Mr. Selig. I have not received a response.

<sup>3</sup> Mr. Baker advised the Administrator, via e-mail on May 15, that he would not appear at the scheduled time.

the Public and the Intervenors will be allowed to ask additional questions; however, repetitive questions will not be allowed. The purpose of the technical session is to exchange information. Inquiries shall be in the form of a question and shall not be argumentative. Questions to witnesses should be limited to issues pertaining to the witness's field of expertise, pre-filed testimony, and should be within the scope of the adjudicative proceeding. Questions regarding qualifications of witnesses will also be allowed. If a proper question or inquiry cannot be answered at the time of the technical session, the Administrator will note the data request, and will issue a written report with a date by which the information must be provided in writing. The answers are to be distributed to the "Parties Only" distribution list prepared by the Administrator and *shall not be copied to the Committee*.

**3. Mediation of Disputes.** Counsel for the Committee and the Administrator will mediate any disputes regarding inquiries and requests for information and will maintain a list of documents or additional answers requested by the parties. To the extent that any party is aggrieved by the handling of any inquiry, question or document request, that party shall file an appropriate motion for discovery, objection to discovery, or motion for a protective order. All motions and/or objections shall be directed to the Presiding Officer and shall comply with the Committee's Procedural Rules and the Procedural Order issued in this docket.

May 15, 2018

\_\_\_\_\_  
/s/  
Pamela G. Monroe, Administrator  
Site Evaluation Committee  
[Pamela.monroe@sec.nh.gov](mailto:Pamela.monroe@sec.nh.gov)  
(603) 271-2435



**From:** Doperalski, Mark  
**Sent:** Thursday, May 17, 2018 4:20 PM  
**To:** 'Miller, Nadine'  
**Cc:** 'Boisvert, Richard A'  
**Subject:** FW: Eversource SRP Stone Walls List Prepared by DHA  
**Attachments:** Cover\_SRP\_Durham\_MapSet\_05-18-2018.pdf; SRP\_Durham\_MapSet\_reducedsize.pdf

FYI

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
mark.doperalski@eversource.com

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-----Original Message-----

From: Doperalski, Mark  
Sent: Thursday, May 17, 2018 4:15 PM  
To: 'Durham Historic Association' <dhacurator@comcast.net>  
Subject: RE: Eversource SRP Stone Walls List Prepared by DHA

Hi Nancy,

On April 16, 2018, the Durham Historic Association (DHA) sent a list of stone walls located in Durham that was prepared by Janet Mackie. Eversource reviewed this information in comparison to our records regarding stone wall locations within and directly adjacent to the Seacoast Reliability Project (SRP) area. A field visit was completed to confirm and map stone walls reported by the DHA that were not previously recorded in our records and on project mapping. As a result of this effort, the project maps have been updated and are being provided to the DHA for your information and records and will also be provided to the SEC as part of the Application (please see attachments - hard copies will be sent to you via U.S. Postal Service).

Additionally, the DHA expressed concern regarding potential impacts to the following stone walls that are part of a historic district and/or serve as a property boundary marker: WP-1A, WP-1B, WP-4A, WP-4B, WP-4C, WP-8B, WP-8C,

WP-8D, WP-8E, WP-14A, WP-15, WP-15A, WP-20, WP-20A, WP-20B, WP-22, WP-23, WP-25, WP-31, WP-31A, WP-35, WP-35A (noted as WP-35E by DHA), WP-35B, WP-35C, WP-35D, and WP-35F. Physical impacts to these stone walls shall be avoided by the Project through the implementation of one or more of the following four measures to include: (a) not traversing the wall, (b) traversing the wall through an existing breach, (c) traversing the wall using timber matting to temporarily bridge over the wall, or (d) placing the work pad on top of timber matting to elevate the work pad above the wall.

The DHA also expressed concern regarding potential impacts to historic resources located within the field south and west of LaRoche brook, east of the railroad tracks, and north of Bennett Road due to the use of the area as a staging area for machinery, equipment, pylons, cable, and other materials. Please note that this area has not been designated as a staging area.

Please let me know if you have any questions.

Sincerely,

Mark

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
mark.doperalski@eversource.com

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-----Original Message-----

From: Durham Historic Association [mailto:dhacurator@comcast.net]  
Sent: Saturday, March 24, 2018 8:45 AM  
To: Doperalski, Mark <mark.doperalski@eversource.com>  
Subject: Eversource SRP Stone Walls List Prepared by DHA

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Hello Mark,

The Durham Historic Association is sending you its list of stone walls in Durham as prepared by Janet Mackie for your information.

Regards,

Nancy

Nancy Sandberg  
DHA Curator



May 17, 2018

Nancy Sandberg  
Durham Historic Association  
c/o Durham Town Offices  
15 Newmarket Road  
Durham, NH 03824

Re: Eversource SRP Stone Walls List Prepared by DHA

Dear Ms. Sandberg:

On April 16, 2018, the Durham Historic Association (DHA) sent a list of stone walls located in Durham that was prepared by Janet Mackie. Eversource reviewed this information in comparison to our records regarding stone wall locations within and directly adjacent to the Seacoast Reliability Project (SRP) area. A field visit was completed to confirm and map stone walls reported by the DHA that were not previously recorded in our records and on project mapping. As a result of this effort, the project maps have been updated and are being provided to the DHA for your information and records and will also be provided to the SEC as part of the Application.

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If you have any questions, please contact Mark Doperalski at [mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com) or (603) 634-2147.

Sincerely,

A handwritten signature in blue ink that reads "Mark Doperalski".

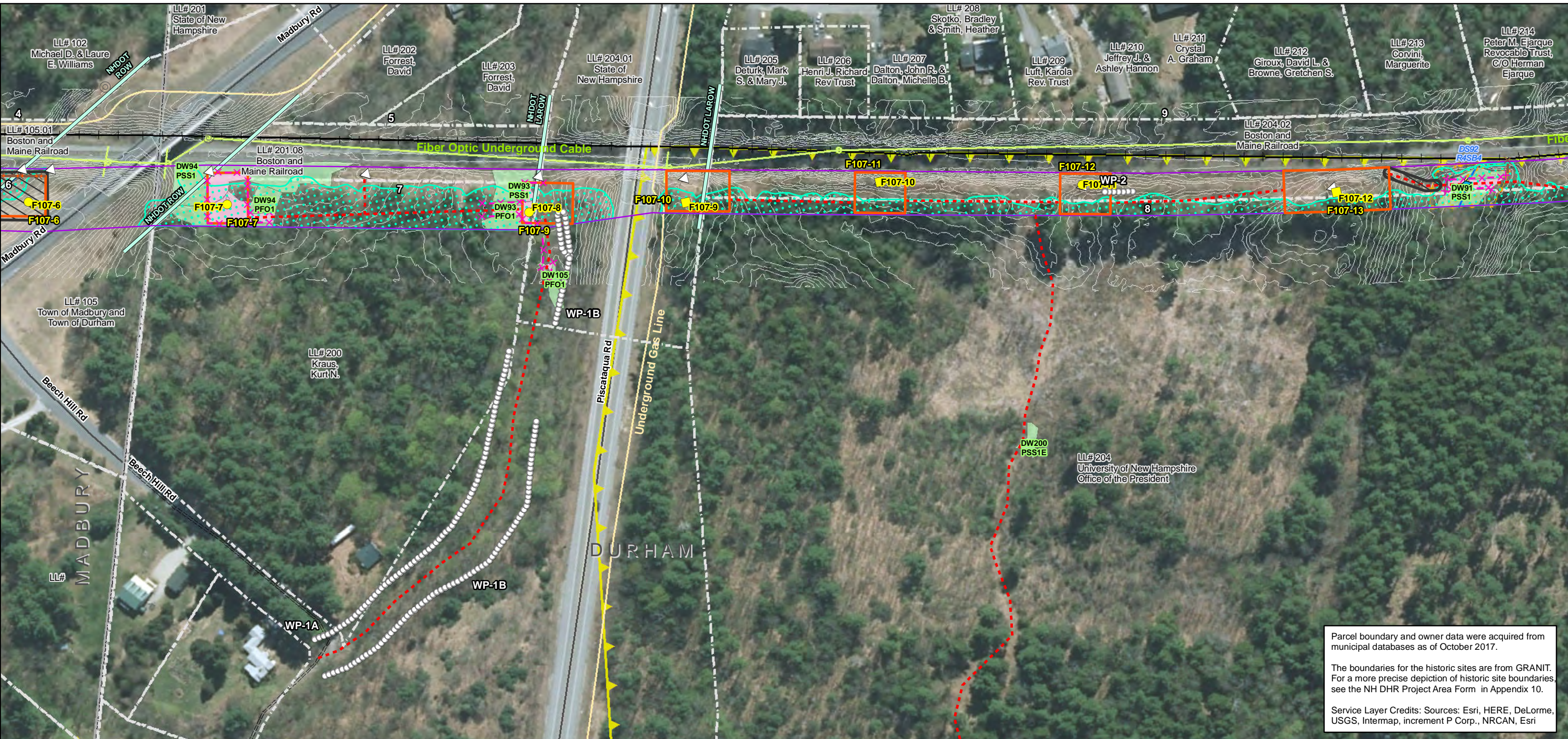
Mark Doperalski, M.A., RPA  
Cultural Resources Specialist  
Licensing & Permitting Division  
Environmental Affairs Department

## Stone Wall – Map Sheet Reference Table

Stone Wall ID	Map Sheet No.
WP-1A	1
WP-1B	1
WP-2	1
WP-3	5
WP-4	5
WP-4A	6
WP-4B	6
WP-4C	6
WP-4D	6
WP-4E	6
WP-5	6-7
WP-6	7
WP-7	7
WP-8	7
WP-8A	7
WP-8B	8
WP-8C	8
WP-8D	8
WP-8E	7-8
WP-8F	7-8
WP-8G	7-8
WP-8H	7-8
WP-9	7
WP-9A	7
WP-10	7
WP-11	9
WP-12	9
WP-13	9-10
WP-14	10-11

Stone Wall ID	Map Sheet No.
WP-14A	10-11
WP-15	10-11
WP-15A	10-11
WP-16	10-12
WP-17	12
WP-18	12
WP-19	12
WP-20	12
WP-20A	12
WP-20B	12
WP-21	13
WP-22	13
WP-23	13
WP-24	13
WP-25	13
WP-25A	12-13
WP-26	14
WP-26A	14
WP-27	14
WP-28	15
WP-29	15
WP-30	15
WP-31	15
WP-31A	15
WP-32	16
WP-33	16
WP-34	16
WP-35	17
WP-35A	18

Stone Wall ID	Map Sheet No.
WP-35B	17
WP-35C	17
WP-35D	17
WP-35E	18
WP-36	19
WP-37	19
WP-38	19
WP-39	18



Parcel boundary and owner data were acquired from municipal databases as of October 2017.

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Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri

<p>Date : 5/11/2018</p> <p>Drawn By: dpelletier</p> <p>Project No: 22860_003</p>	<p><b>Town Boundary</b></p> <p><b>Approximate Parcel Boundary</b></p> <p><b>PSNH Fee Area</b></p> <p><b>Project Corridor</b></p> <p><b>Work Pad</b></p> <p><b>Roads</b></p> <p>Local</p> <p>Not Maintained</p> <p>Private</p> <p>State</p> <p>Railroad</p>	<p>Existing Str (Remain)</p> <p>Existing Str (Removed/Modified)</p> <p><b>Access Roads</b></p> <p><b>Underground Cable</b></p> <p>Silt Curtain</p> <p>Silt Fence, Hay Bale, Erosion Control Mix Berm</p> <p>Straw Wattle</p> <p>Wetland</p> <p>Prime Wetland</p> <p>Wetland Impact (PERM)</p> <p>Wetland Impact (TEMP)</p> <p>Wetland Number &amp; Cover Type</p>	<p><b>Stream Centerline</b></p> <p><b>Stream Top of Bank</b></p> <p><b>Temporary Culvert</b></p> <p>Stonewall alignment</p> <p><b>Temporary Mat Bridge</b></p> <p>NH DOT Right-of-way</p> <p><b>Historical Sites</b></p> <p><b>Designated River Buffer 250'</b></p> <p><b>Conservation Lands</b></p> <p><b>100 Year Floodplain</b></p> <p><b>F107-107 Permitting Structure #s</b></p> <p><b>F107-107 Proposed Structure #s</b></p>	<p><b>Structures</b></p> <p>Direct Embed</p> <p>Drilled Pier</p> <p>Relocated Distribution</p> <p>Steep Slope BMPs</p> <p>Tree Clearing</p> <p>Stream Buffer</p> <p>2ft Contour</p> <p>Tidal Buffer Zone</p> <p>Highest Observable Tide Line/Reference Line (4ft Contour)</p> <p>Mean Lower Low Water</p> <p>Historic District</p>		<p>0 75 150 300</p> <p>Feet</p> <p>1 inch = 150 feet</p>	
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Environmental Consultants

**Seacoast Reliability Project**

**Durham, NH Stone Wall Maps**

STATE OF NEW HAMPSHIRE  
SARAH D. ALLEN  
CERTIFIED WETLAND SCIENTIST  
No. 083

9/1/2017



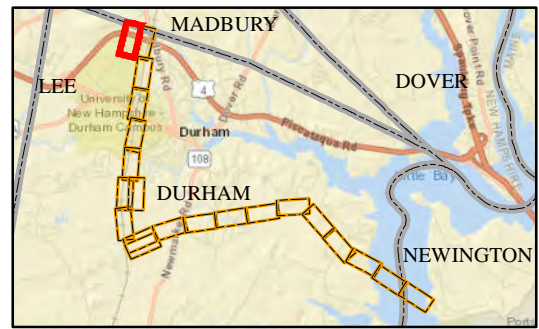
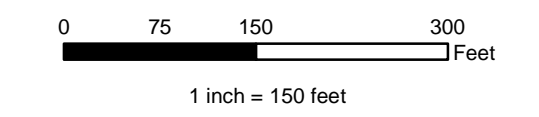
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Date : 5/11/2018  
 Drawn By: dpelletier  
 Project No: 22860\_003

<ul style="list-style-type: none"> <li> Town Boundary</li> <li> Approximate Parcel Boundary</li> <li> PSNH Fee Area</li> <li> Project Corridor</li> <li> Work Pad</li> <li><b>Roads</b></li> <li> Local</li> <li> Not Maintained</li> <li> Private</li> <li> State</li> <li> Railroad</li> </ul>	<ul style="list-style-type: none"> <li> Existing Str (Remain)</li> <li> Existing Str (Removed/Modified)</li> <li> Access Roads</li> <li> Underground Cable</li> <li> Silt Curtain</li> <li> Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li> Straw Wattle</li> <li> Wetland</li> <li> Prime Wetland</li> <li> Wetland Impact (PERM)</li> <li> Wetland Impact (TEMP)</li> <li> Wetland Number &amp; Cover Type DW56 PSS1</li> </ul>	<ul style="list-style-type: none"> <li> Stream Centerline</li> <li> Stream Top of Bank</li> <li> Temporary Culvert</li> <li> Stonewall alignment</li> <li> Temporary Mat Bridge</li> <li> NH DOT Right-of-way</li> <li> Historical Sites</li> <li> Designated River Buffer 250'</li> <li> Conservation Lands</li> <li> 100 Year Floodplain</li> <li> F107-107 Permitting Structure #s</li> <li> F107-107 Proposed Structure #s</li> </ul>	<ul style="list-style-type: none"> <li><b>Structures</b></li> <li> Direct Embed</li> <li> Drilled Pier</li> <li> Relocated Distribution</li> <li> Steep Slope BMPs</li> <li> Tree Clearing</li> <li> Stream Buffer</li> <li> 2ft Contour</li> <li> Tidal Buffer Zone</li> <li> Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li> Mean Lower Low Water</li> <li> Historic District</li> </ul>
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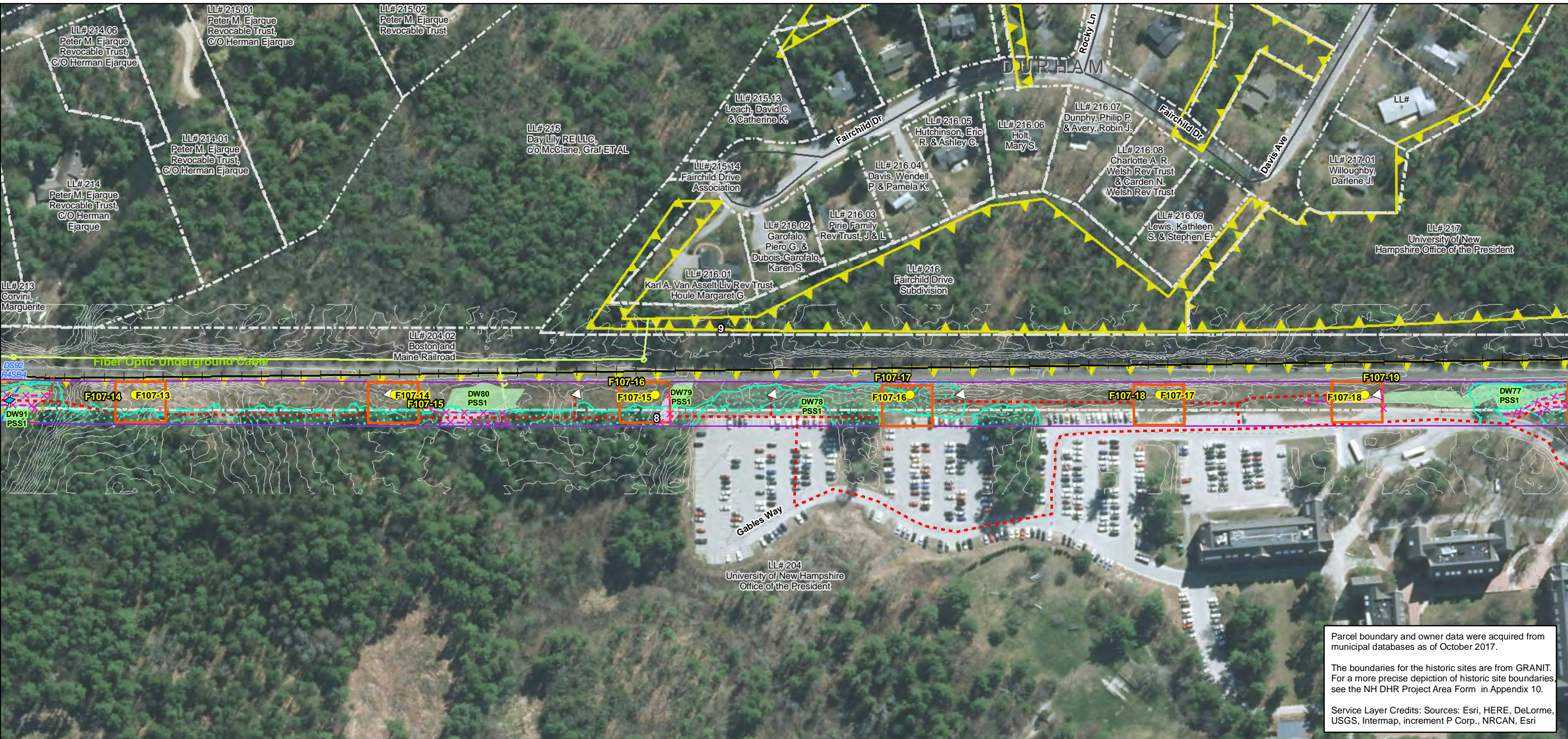
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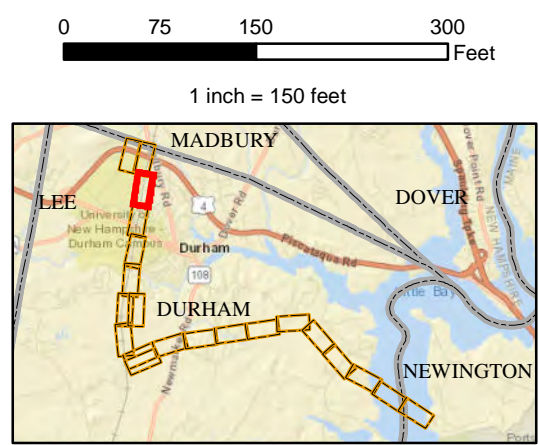
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SARAH D. ALLEN  
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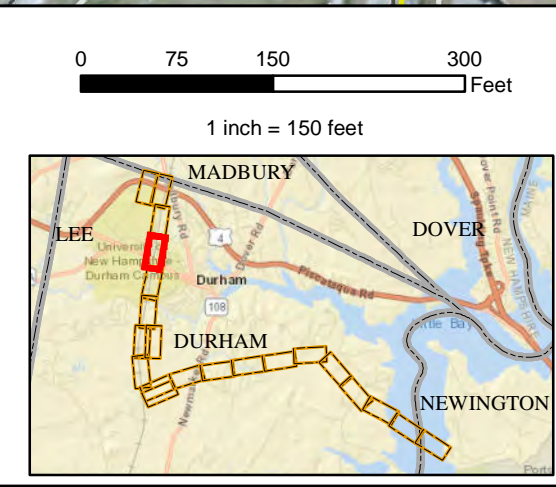
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Date : 5/11/2018  
 Drawn By: dpelletier  
 Project No: 22860\_003

Town Boundary	Existing Str (Remain)	Stream Centerline	<b>Structures</b>
Approximate Parcel Boundary	Existing Str (Removed/Modified)	Stream Top of Bank	Direct Embed
PSNH Fee Area	Access Roads	Temporary Culvert	Drilled Pier
Project Corridor	Underground Cable	Stonewall alignment	Relocated Distribution
Work Pad	Silt Curtain	Temporary Mat Bridge	Steep Slope BMPs
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Local	Straw Wattle	Historical Sites	Stream Buffer
Not Maintained	Wetland	Designated River Buffer 250'	2ft Contour
Private	Prime Wetland	Conservation Lands	Tidal Buffer Zone
State	Wetland Impact (PERM)	100 Year Floodplain	Highest Observable Tide Line/Reference Line (4ft Contour)
Railroad	Wetland Impact (TEMP)	F107-107 Permitting Structure #s	Mean Lower Low Water
	Wetland Number & Cover Type	F107-107 Proposed Structure #s	Historic District



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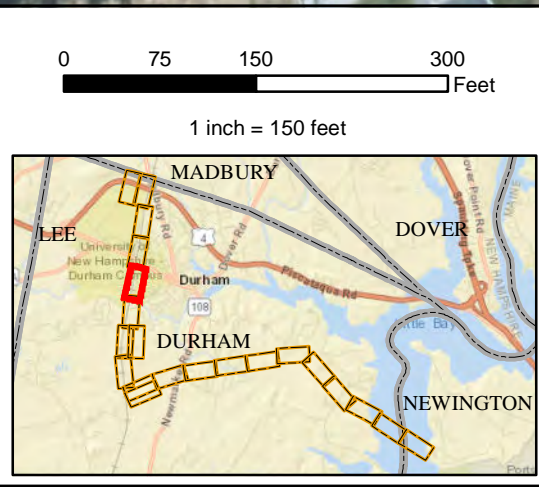


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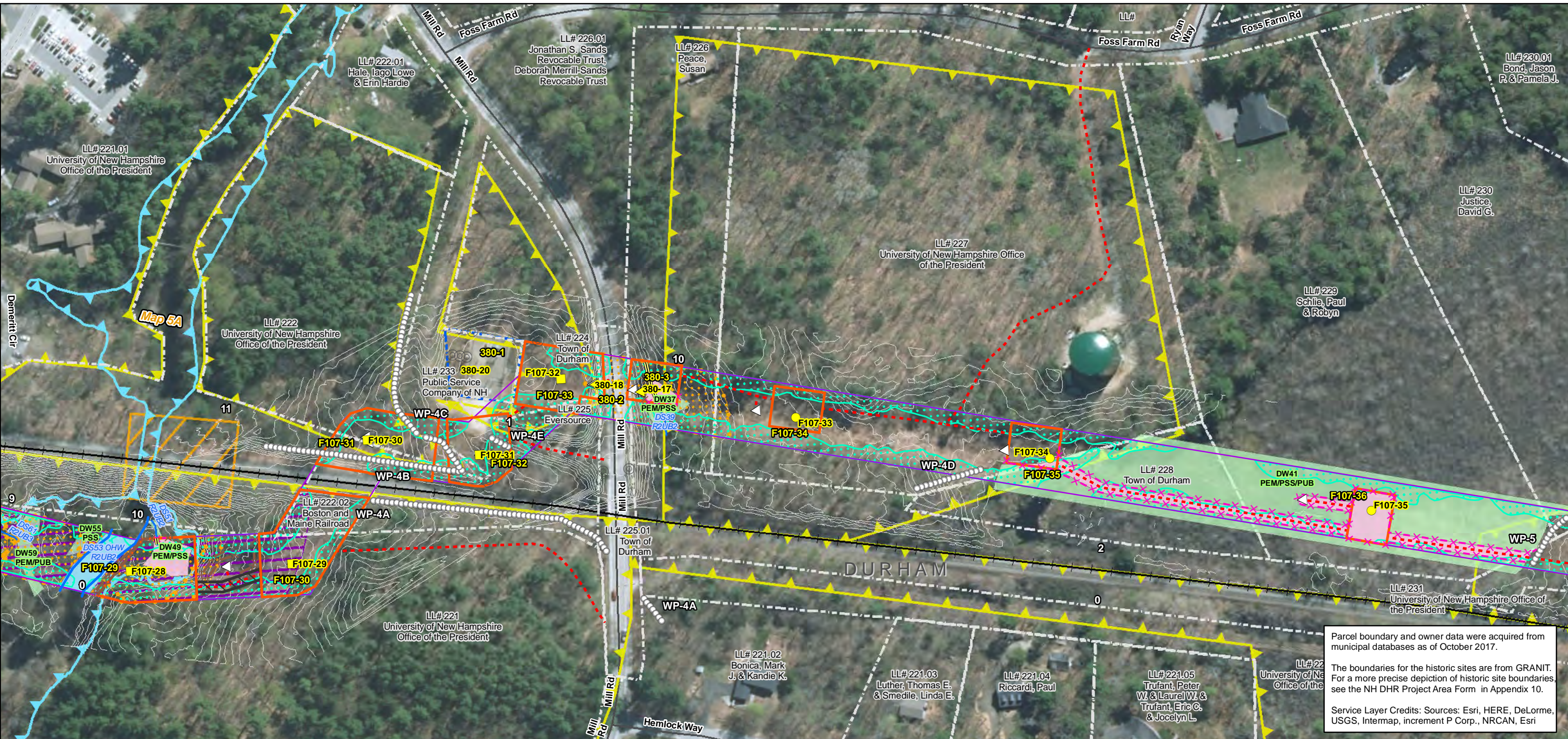
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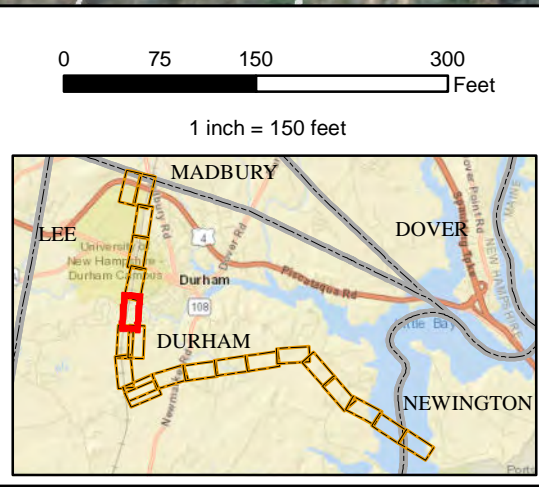
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Date : 5/11/2018  
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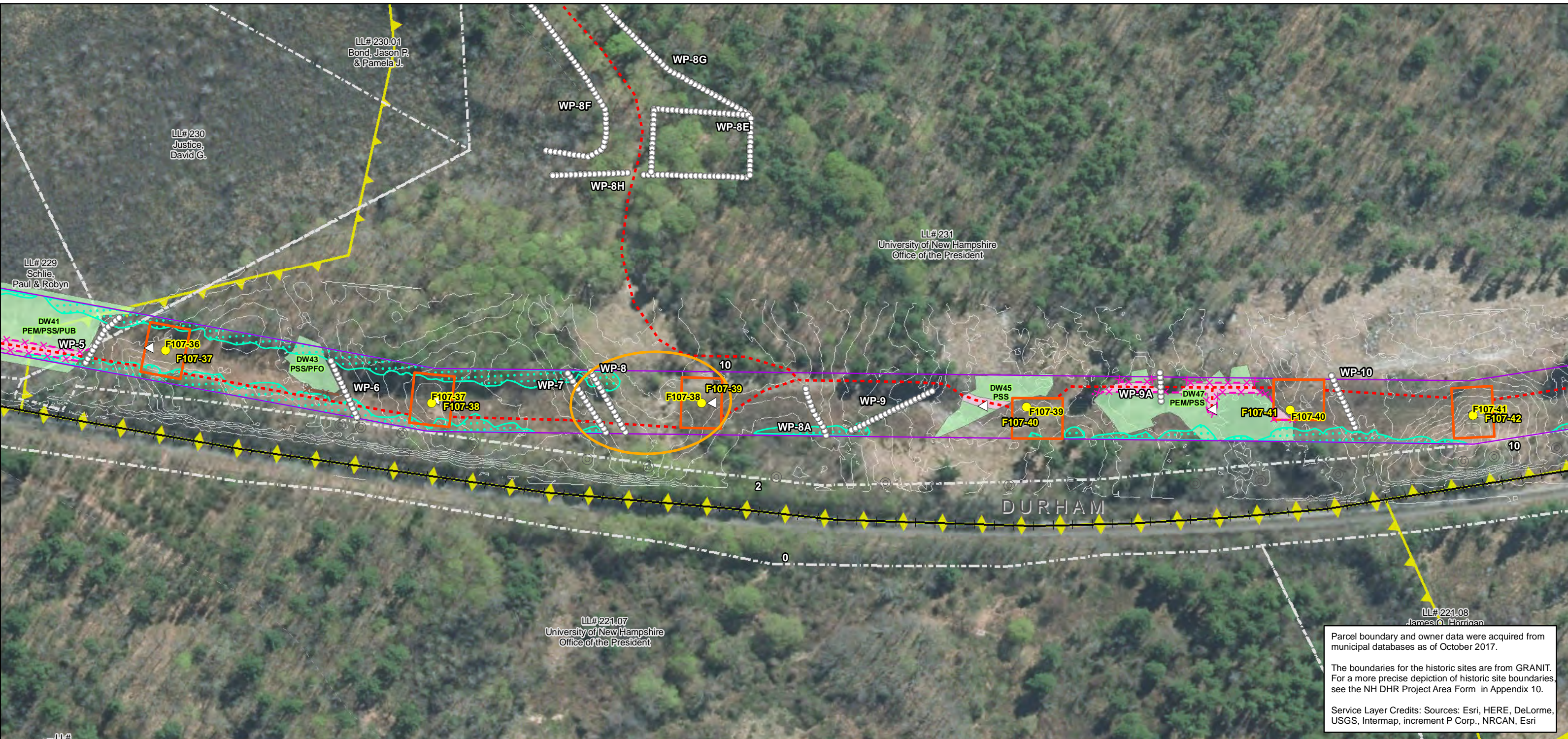
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 SARAH D. ALLEN  
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<p>LL#</p> <p>Date : 5/11/2018</p> <p>Drawn By: dpelletier</p> <p>Project No: 22860_003</p>	<p><b>Town Boundary</b></p> <p><b>Approximate Parcel Boundary</b></p> <p><b>PSNH Fee Area</b></p> <p><b>Project Corridor</b></p> <p><b>Work Pad</b></p> <p><b>Roads</b></p> <p>Local</p> <p>Not Maintained</p> <p>Private</p> <p>State</p> <p>Railroad</p>	<p>Existing Str (Remain)</p> <p>Existing Str (Removed/Modified)</p> <p><b>Access Roads</b></p> <p><b>Underground Cable</b></p> <p>Silt Curtain</p> <p>Silt Fence, Hay Bale, Erosion Control Mix Berm</p> <p>Straw Wattle</p> <p>Wetland</p> <p>Prime Wetland</p> <p>Wetland Impact (PERM)</p> <p>Wetland Impact (TEMP)</p> <p>Wetland Number &amp; Cover Type</p> <p>DW56 PSS1</p>	<p><b>Stream Centerline</b></p> <p><b>Stream Top of Bank</b></p> <p><b>Temporary Culvert</b></p> <p>Stonewall alignment</p> <p>Temporary Mat Bridge</p> <p>NH DOT Right-of-way</p> <p>Historical Sites</p> <p>Designated River Buffer 250'</p> <p>Conservation Lands</p> <p>100 Year Floodplain</p> <p><b>F107-107 Permitting Structure #s</b></p> <p><b>F107-107 Proposed Structure #s</b></p>	<p><b>Structures</b></p> <p>Direct Embed</p> <p>Drilled Pier</p> <p>Relocated Distribution</p> <p>Steep Slope BMPs</p> <p>Tree Clearing</p> <p>Stream Buffer</p> <p>2ft Contour</p> <p>Tidal Buffer Zone</p> <p>Highest Observable Tide Line/Reference Line (4ft Contour)</p> <p>Mean Lower Low Water</p> <p>Historic District</p>	<p>North Arrow</p> <p>Scale: 0 75 150 300 Feet</p> <p>1 inch = 150 feet</p> <p>Inset Map showing location in Durham, NH near Madbury, Dover, and Newington.</p>
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**EVERSOURCE ENERGY**

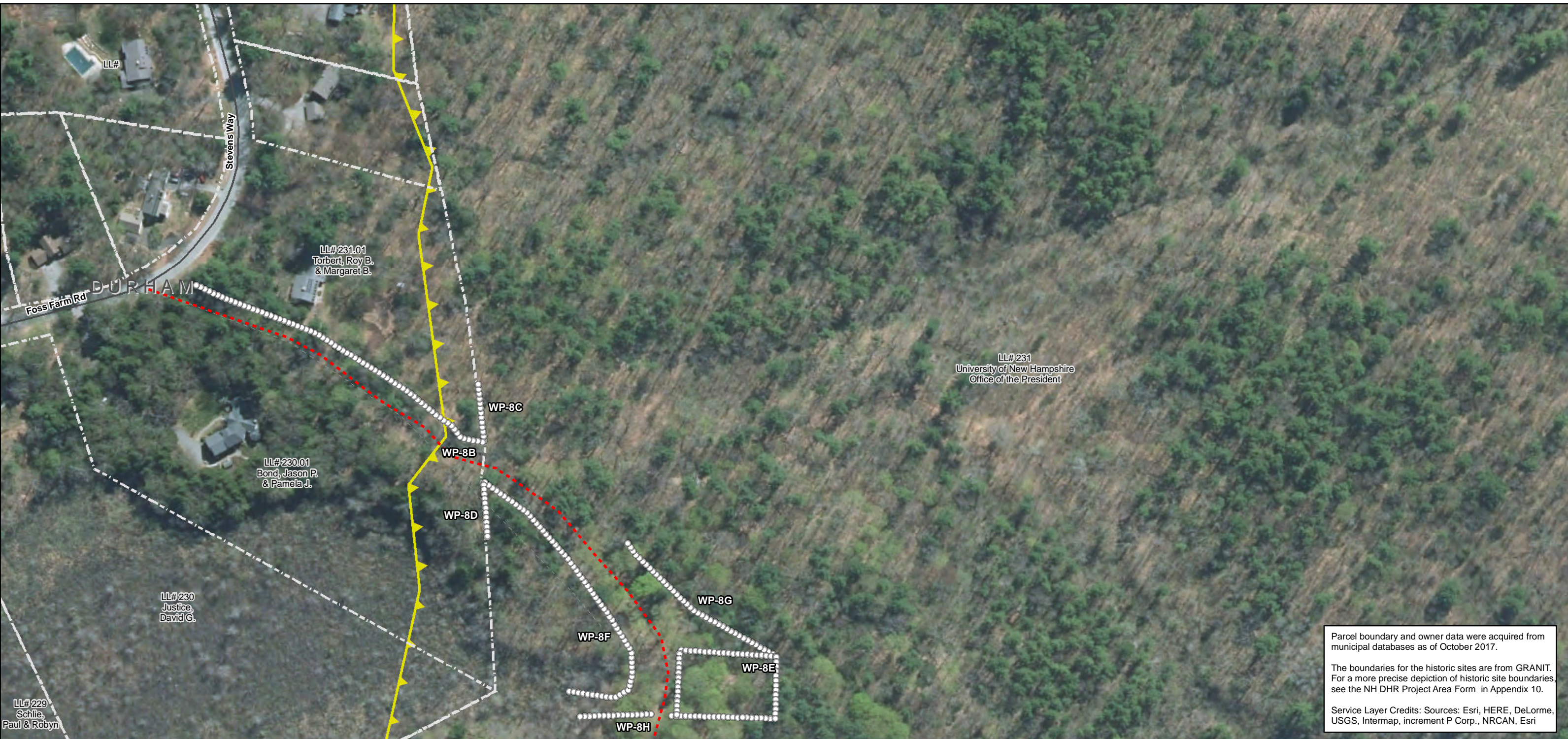
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Environmental Consultants

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No. 083  
CERTIFIED WETLAND SCIENTIST

9/1/2017



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**EVERSOURCE ENERGY**

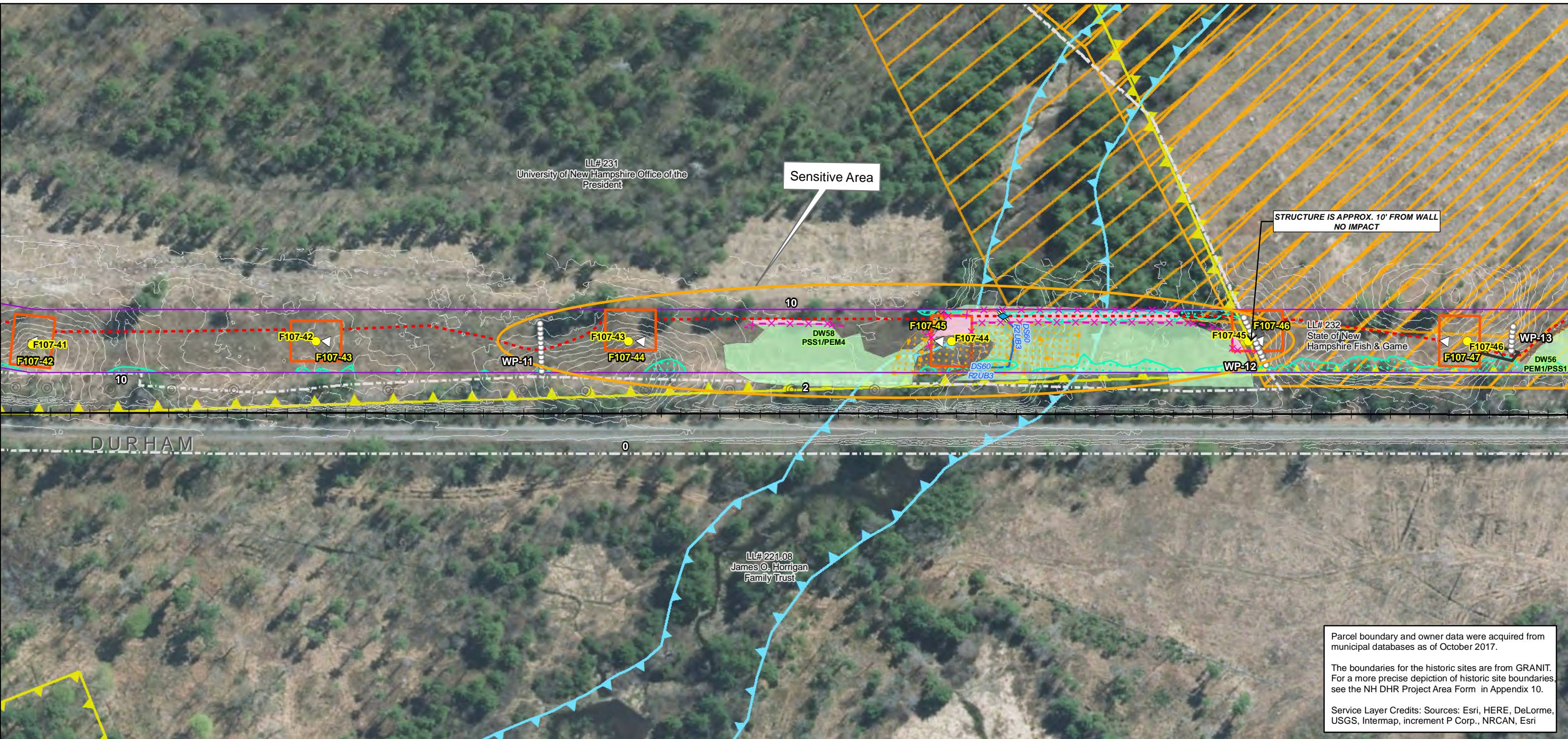
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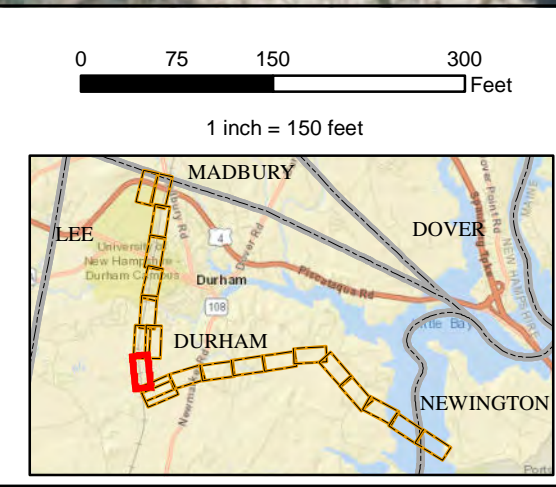
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Date : 5/11/2018  
 Drawn By: dpelletier  
 Project No: 22860\_003

Town Boundary	Existing Str (Remain)	Stream Centerline	<b>Structures</b>
Approximate Parcel Boundary	Existing Str (Removed/Modified)	Stream Top of Bank	Direct Embed
PSNH Fee Area	Access Roads	Temporary Culvert	Drilled Pier
Project Corridor	Underground Cable	Stonewall alignment	Relocated Distribution
Work Pad	Silt Curtain	Temporary Mat Bridge	Steep Slope BMPs
<b>Roads</b>	Silt Fence, Hay Bale, Erosion Control Mix Berm	NH DOT Right-of-way	Tree Clearing
Local	Straw Wattle	Historical Sites	Stream Buffer
Not Maintained	Wetland	Designated River Buffer 250'	2ft Contour
Private	Prime Wetland	Conservation Lands	Tidal Buffer Zone
State	Wetland Impact (PERM)	100 Year Floodplain	Highest Observable Tide Line/Reference Line (4ft Contour)
Railroad	Wetland Impact (TEMP)	<b>F107-107 Permitting Structure #s</b>	Mean Lower Low Water
	Wetland Number & Cover Type	<b>F107-107 Proposed Structure #s</b>	Historic District



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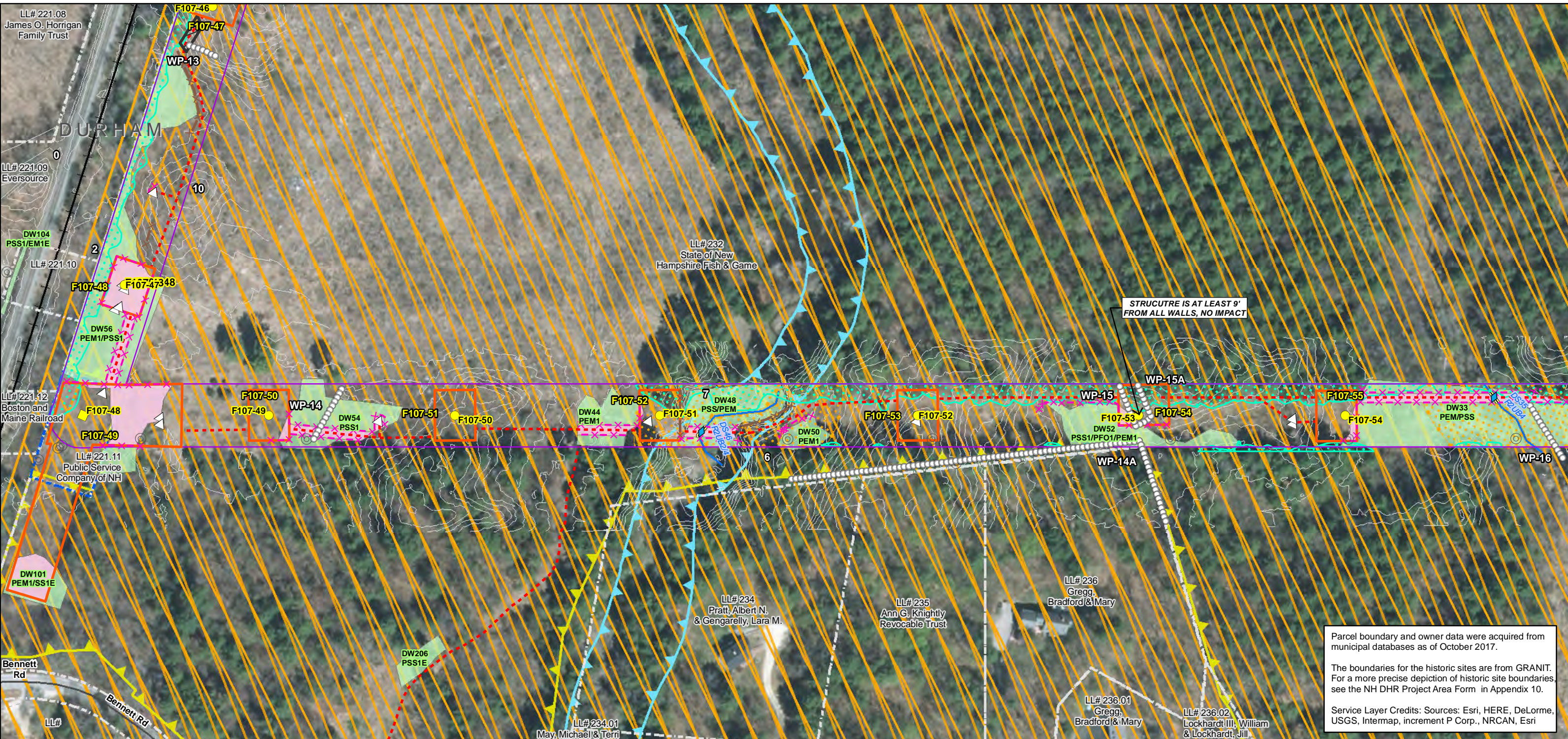
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<p><b>Town Boundary</b></p> <p><b>Approximate Parcel Boundary</b></p> <p><b>PSNH Fee Area</b></p> <p><b>Project Corridor</b></p> <p><b>Work Pad</b></p> <p><b>Roads</b></p> <p>Local</p> <p>Not Maintained</p> <p>Private</p> <p>State</p> <p>Railroad</p>	<p>Existing Str (Remain)</p> <p>Existing Str (Removed/Modified)</p> <p><b>Access Roads</b></p> <p><b>Underground Cable</b></p> <p><b>Silt Curtain</b></p> <p><b>Silt Fence, Hay Bale, Erosion Control Mix Berm</b></p> <p><b>Straw Wattle</b></p> <p><b>Wetland</b></p> <p><b>Prime Wetland</b></p> <p><b>Wetland Impact (PERM)</b></p> <p><b>Wetland Impact (TEMP)</b></p> <p><b>Wetland Number &amp; Cover Type</b></p>	<p><b>Stream Centerline</b></p> <p><b>Stream Top of Bank</b></p> <p><b>Temporary Culvert</b></p> <p><b>Stonewall alignment</b></p> <p><b>Temporary Mat Bridge</b></p> <p><b>NH DOT Right-of-way</b></p> <p><b>Historical Sites</b></p> <p><b>Designated River Buffer 250'</b></p> <p><b>Conservation Lands</b></p> <p><b>100 Year Floodplain</b></p> <p><b>2ft Contour</b></p> <p><b>Highest Observable Tide Line/Reference Line (4ft Contour)</b></p> <p><b>Mean Lower Low Water</b></p> <p><b>Historic District</b></p>	<p><b>Structures</b></p> <p>Direct Embed</p> <p>Drilled Pier</p> <p>Relocated Distribution</p> <p><b>Steep Slope BMPs</b></p> <p><b>Tree Clearing</b></p> <p><b>Stream Buffer</b></p> <p><b>Tidal Buffer Zone</b></p>	<p>North Arrow</p> <p>Scale: 0 75 150 300 Feet</p> <p>1 inch = 150 feet</p> <p>Inset Map showing location in Durham, NH near Madbury, Dover, and Newington.</p>
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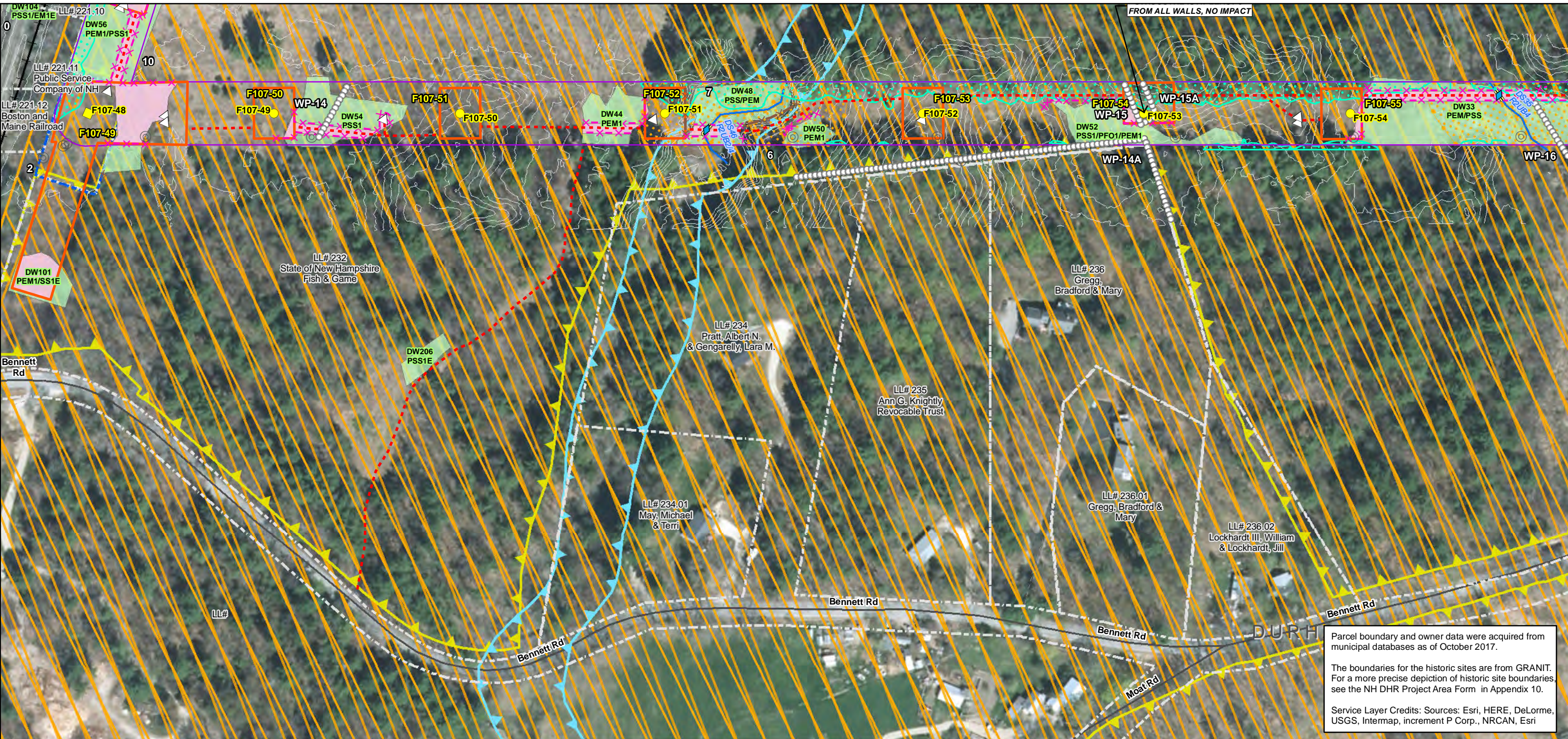
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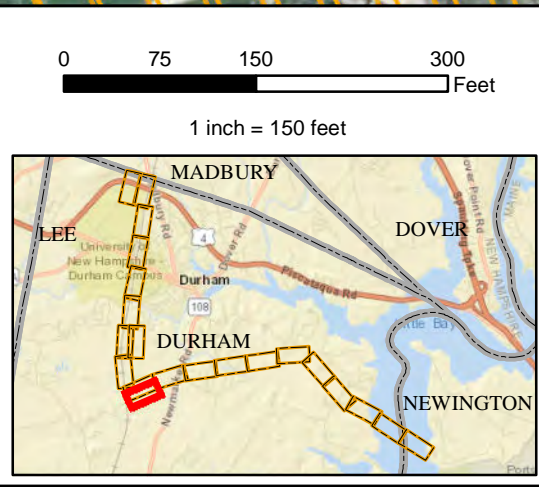
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Date: 5/11/2018  
 Drawn By: dpellelier  
 Project No: 22860\_003

<ul style="list-style-type: none"> <li>Town Boundary</li> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Access Roads</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Wetland Number &amp; Cover Type</li> </ul>	<ul style="list-style-type: none"> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> </ul>	<ul style="list-style-type: none"> <li>Structures</li> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Steep Slope BMPs</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> <li>Historic District</li> </ul>
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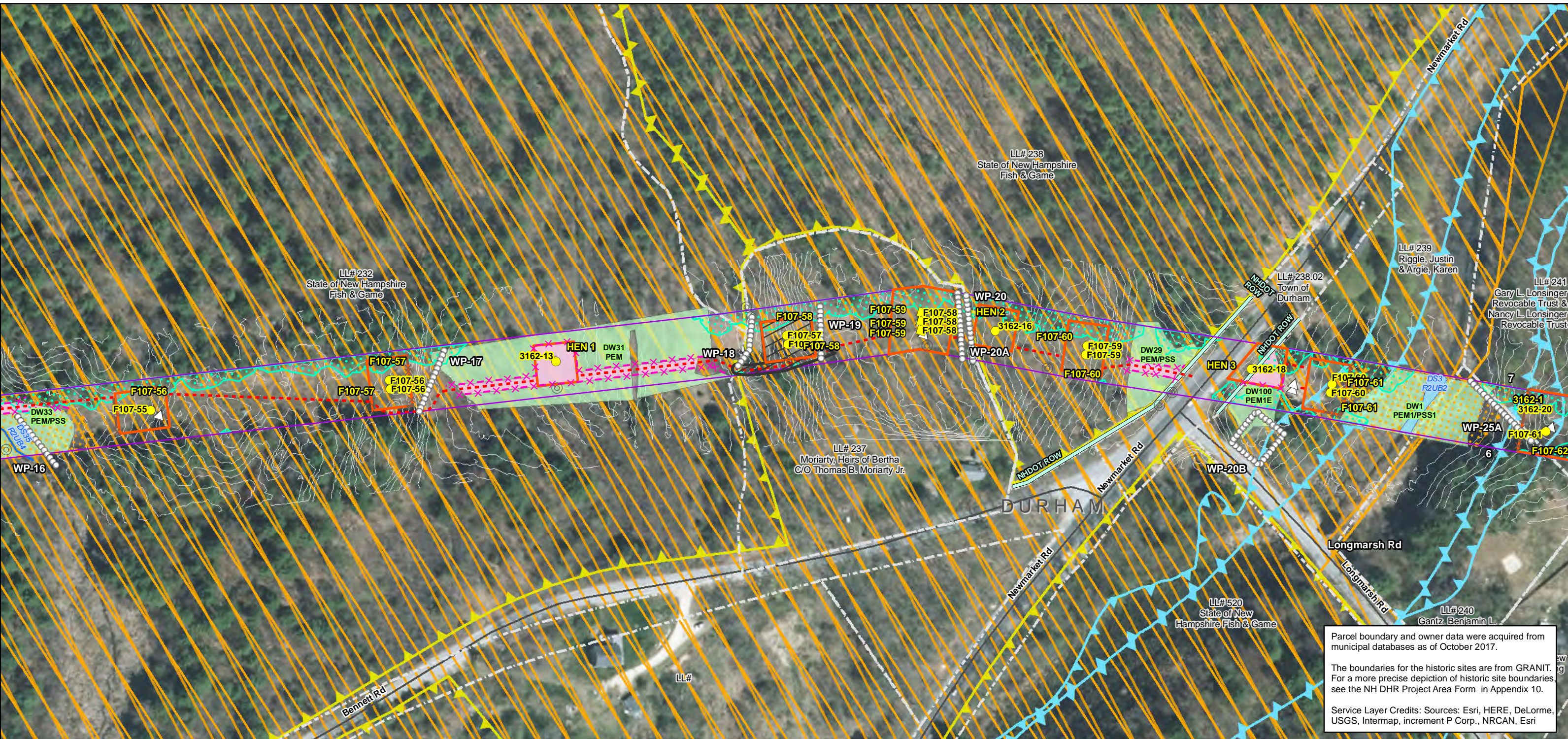
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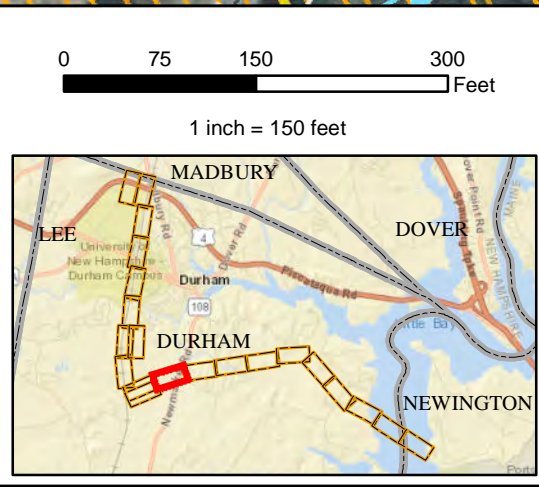
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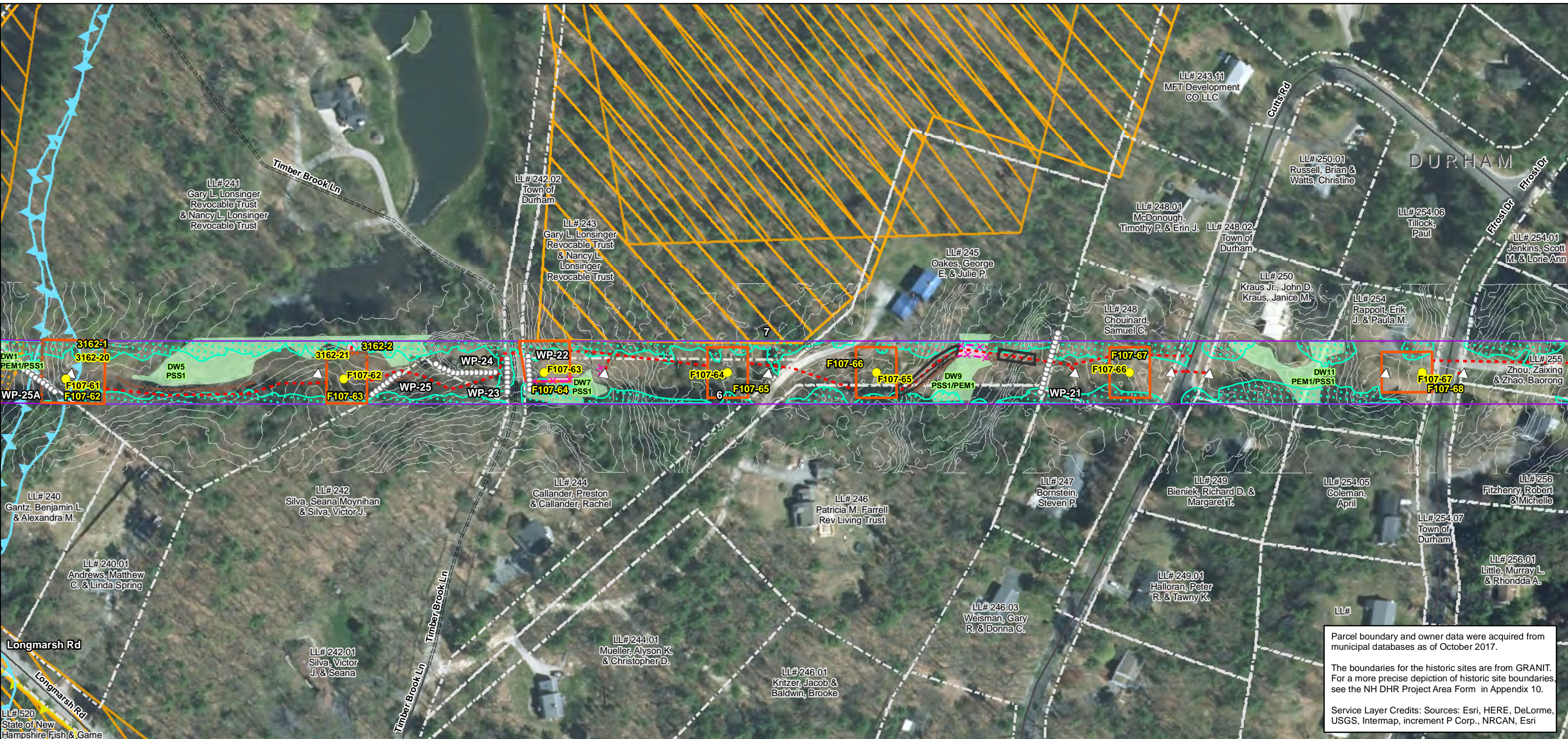
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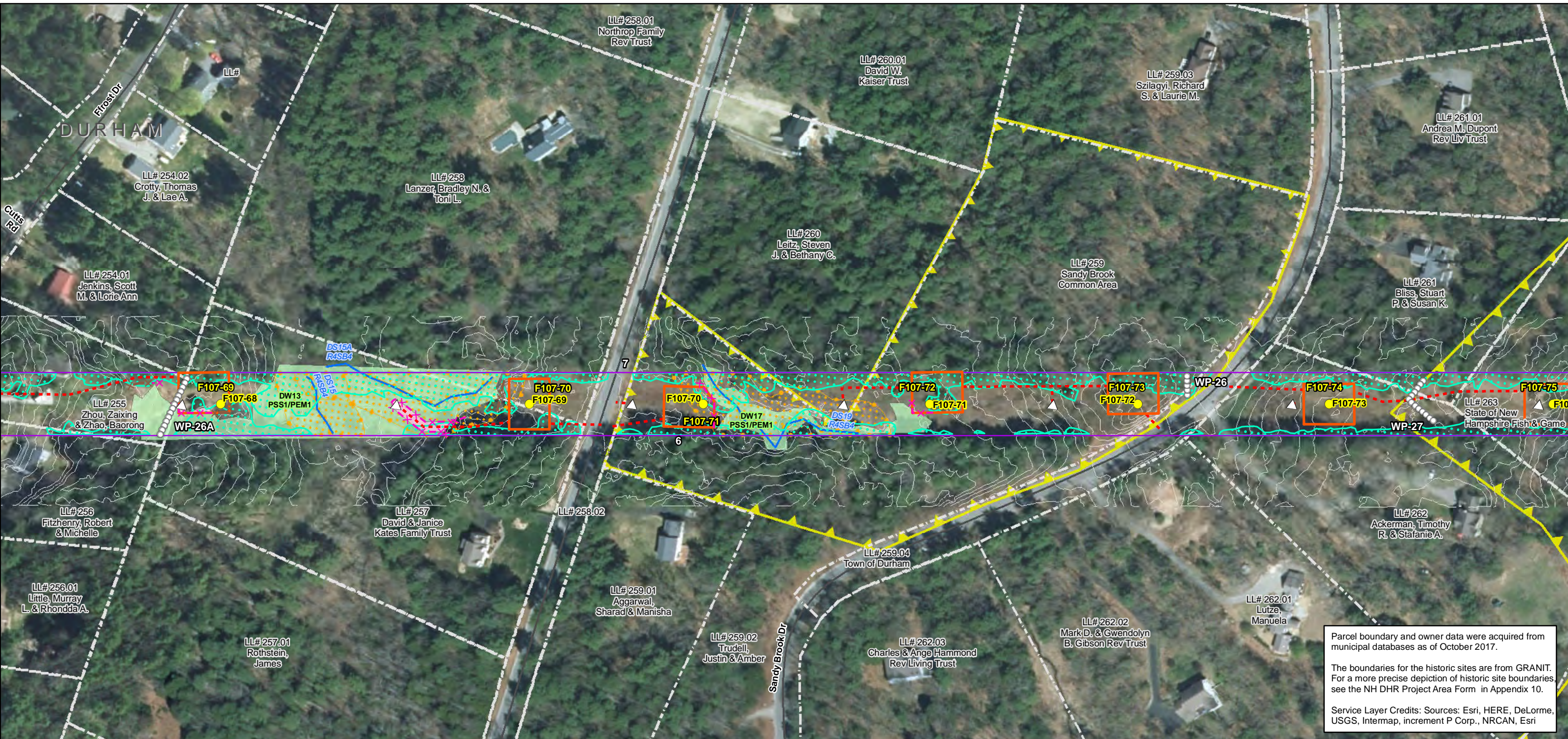
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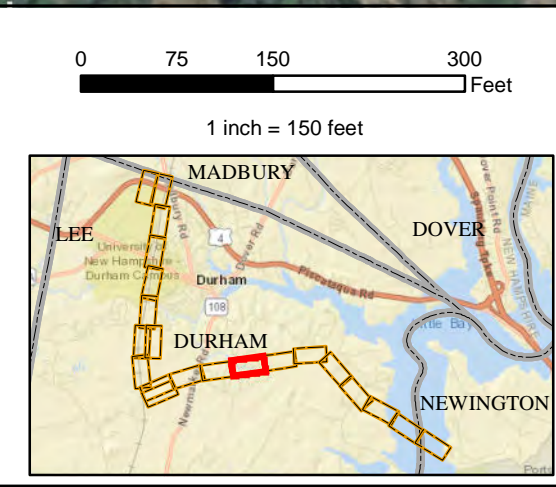
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<b>PSNH Fee Area</b>	<b>Access Roads</b>	<b>Temporary Culvert</b>	Relocated Distribution
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<b>Local</b>	<b>Straw Wattle</b>	<b>Historical Sites</b>	<b>2ft Contour</b>
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<b>Private</b>	<b>Prime Wetland</b>	<b>Conservation Lands</b>	<b>Highest Observable Tide Line/Reference Line (4ft Contour)</b>
<b>State</b>	<b>Wetland Impact (PERM)</b>	<b>100 Year Floodplain</b>	<b>Mean Lower Low Water</b>
<b>Railroad</b>	<b>Wetland Impact (TEMP)</b>	<b>F107-107 Permitting Structure #s</b>	<b>Historic District</b>
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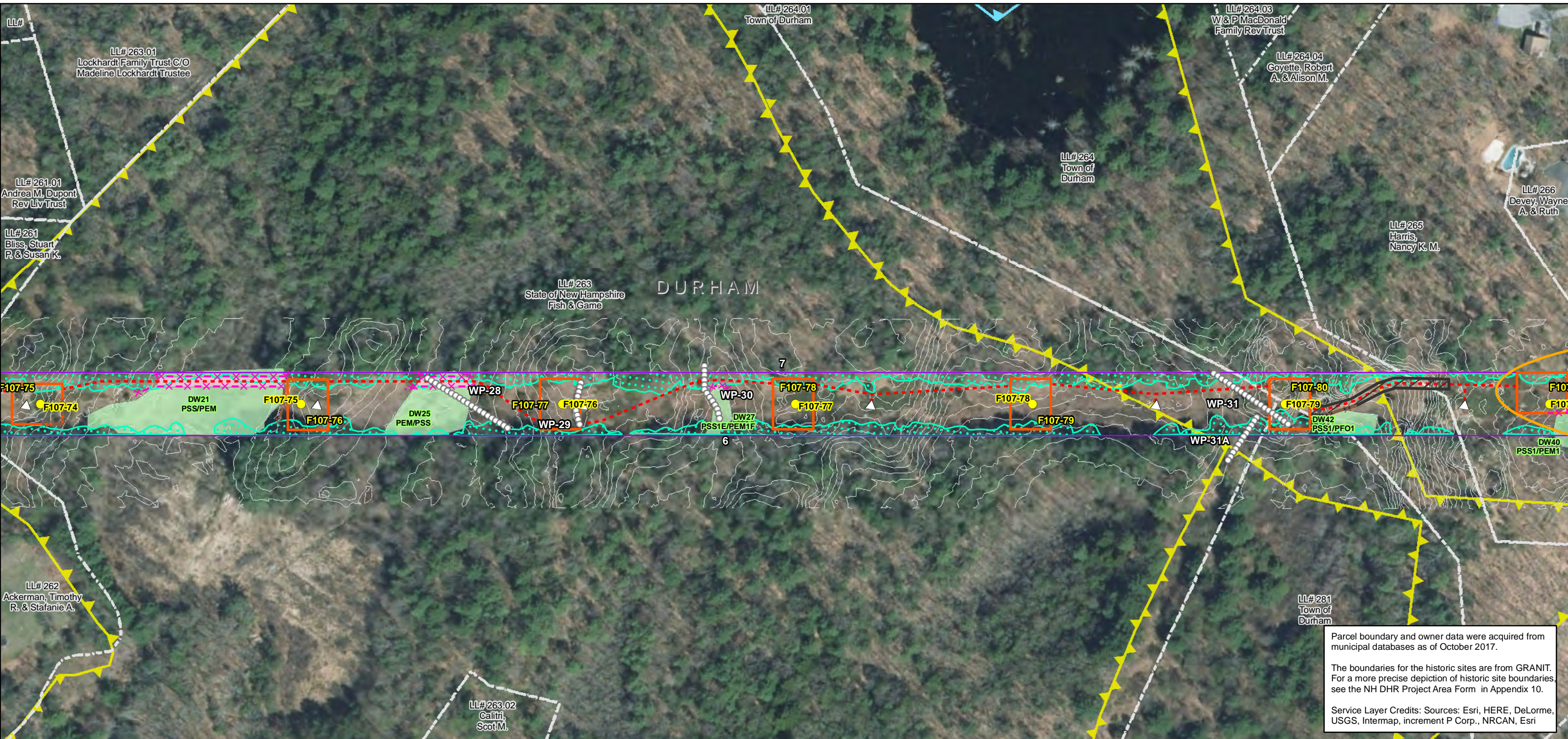
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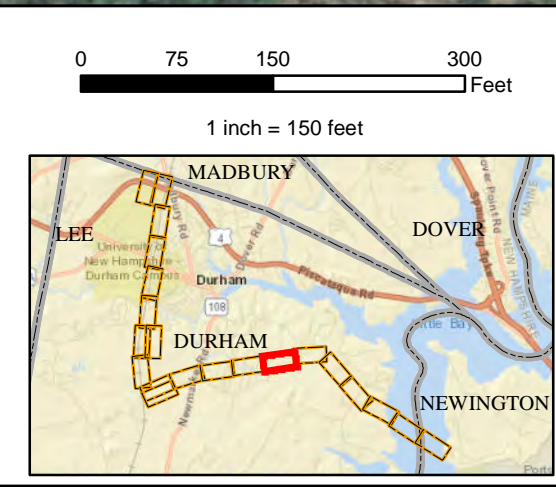
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State	Wetland Impact (PERM)	100 Year Floodplain	Mean Lower Low Water
Railroad	Wetland Impact (TEMP)	<b>F107-107</b> Permitting Structure #s	Historic District
	Wetland Number & Cover Type	<b>F107-107</b> Proposed Structure #s	



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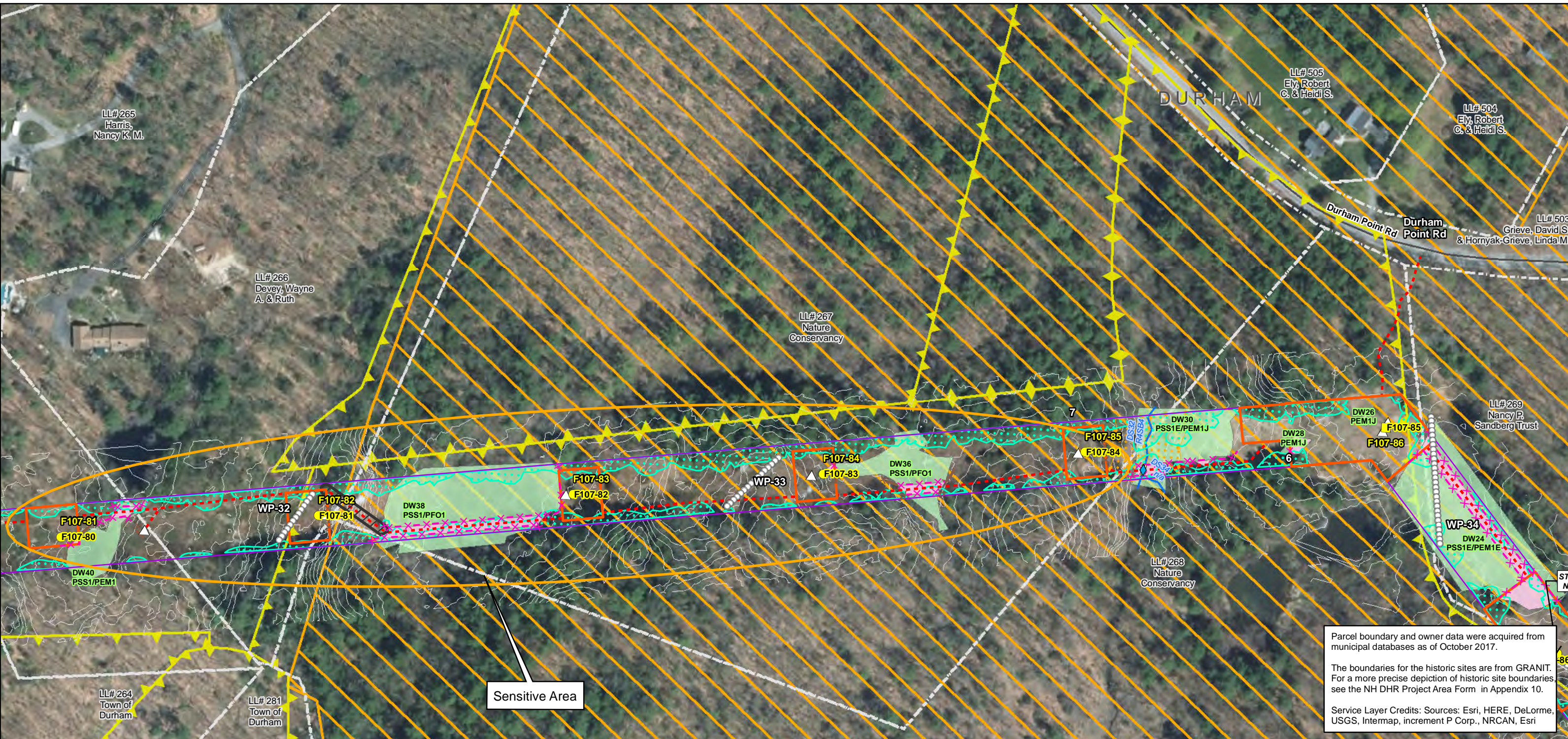
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<p>Date : 5/11/2018</p> <p>Drawn By: dpelletier</p> <p>Project No: 22860_003</p>	<p><b>Town Boundary</b></p> <p><b>Approximate Parcel Boundary</b></p> <p><b>PSNH Fee Area</b></p> <p><b>Project Corridor</b></p> <p><b>Work Pad</b></p> <p><b>Roads</b></p> <p>Local</p> <p>Not Maintained</p> <p>Private</p> <p>State</p> <p>Railroad</p>	<p>Existing Str (Remain)</p> <p>Existing Str (Removed/Modified)</p> <p>Access Roads</p> <p>Underground Cable</p> <p>Silt Curtain</p> <p>Silt Fence, Hay Bale, Erosion Control Mix Berm</p> <p>Straw Wattle</p> <p>Wetland</p> <p>Prime Wetland</p> <p>Wetland Impact (PERM)</p> <p>Wetland Impact (TEMP)</p> <p>Wetland Number &amp; Cover Type</p> <p>DW56 PSS1</p>	<p><b>Stream Centerline</b></p> <p><b>Stream Top of Bank</b></p> <p><b>Temporary Culvert</b></p> <p>Stonewall alignment</p> <p>Temporary Mat Bridge</p> <p>NH DOT Right-of-way</p> <p>Historical Sites</p> <p>Designated River Buffer 250'</p> <p>Conservation Lands</p> <p>100 Year Floodplain</p> <p><b>F107-107 Permitting Structure #s</b></p> <p><b>F107-107 Proposed Structure #s</b></p>	<p><b>Structures</b></p> <p>Direct Embed</p> <p>Drilled Pier</p> <p>Relocated Distribution</p> <p>Steep Slope BMPs</p> <p>Tree Clearing</p> <p>Stream Buffer</p> <p>2ft Contour</p> <p>Tidal Buffer Zone</p> <p>Highest Observable Tide Line/Reference Line (4ft Contour)</p> <p>Mean Lower Low Water</p> <p>Historic District</p>	<p>North Arrow</p> <p>Scale: 0 75 150 300 Feet</p> <p>1 inch = 150 feet</p> <p>Inset Map showing location in Durham, NH relative to Madbury, Dover, and Newington.</p>
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**EVERSOURCE ENERGY**

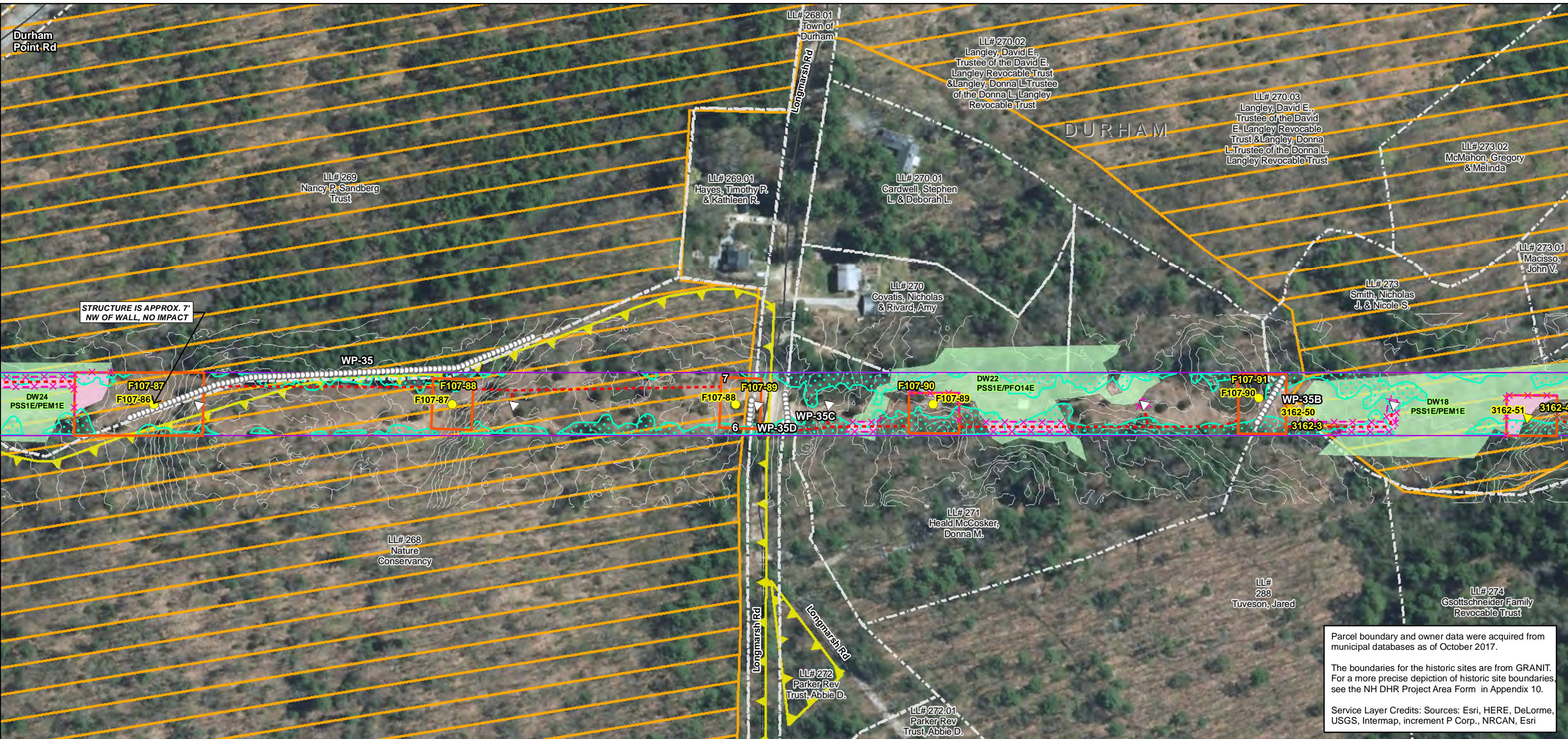
**NORMANDEAU ASSOCIATES**  
Environmental Consultants

**Seacoast Reliability Project**

**Durham, NH Stone Wall Maps**

SARAH D. ALLEN  
No. 083  
CERTIFIED WETLAND SCIENTIST

9/1/2017

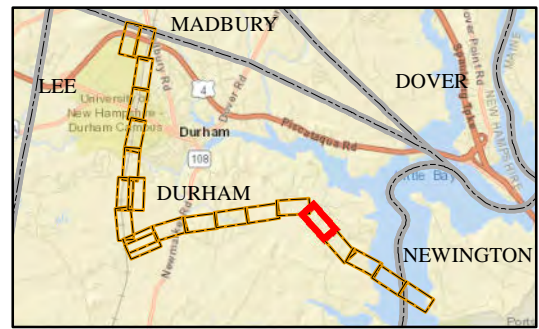
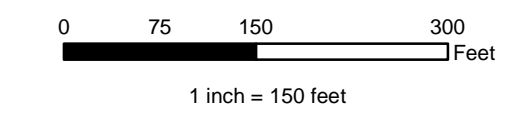


Parcel boundary and owner data were acquired from municipal databases as of October 2017.

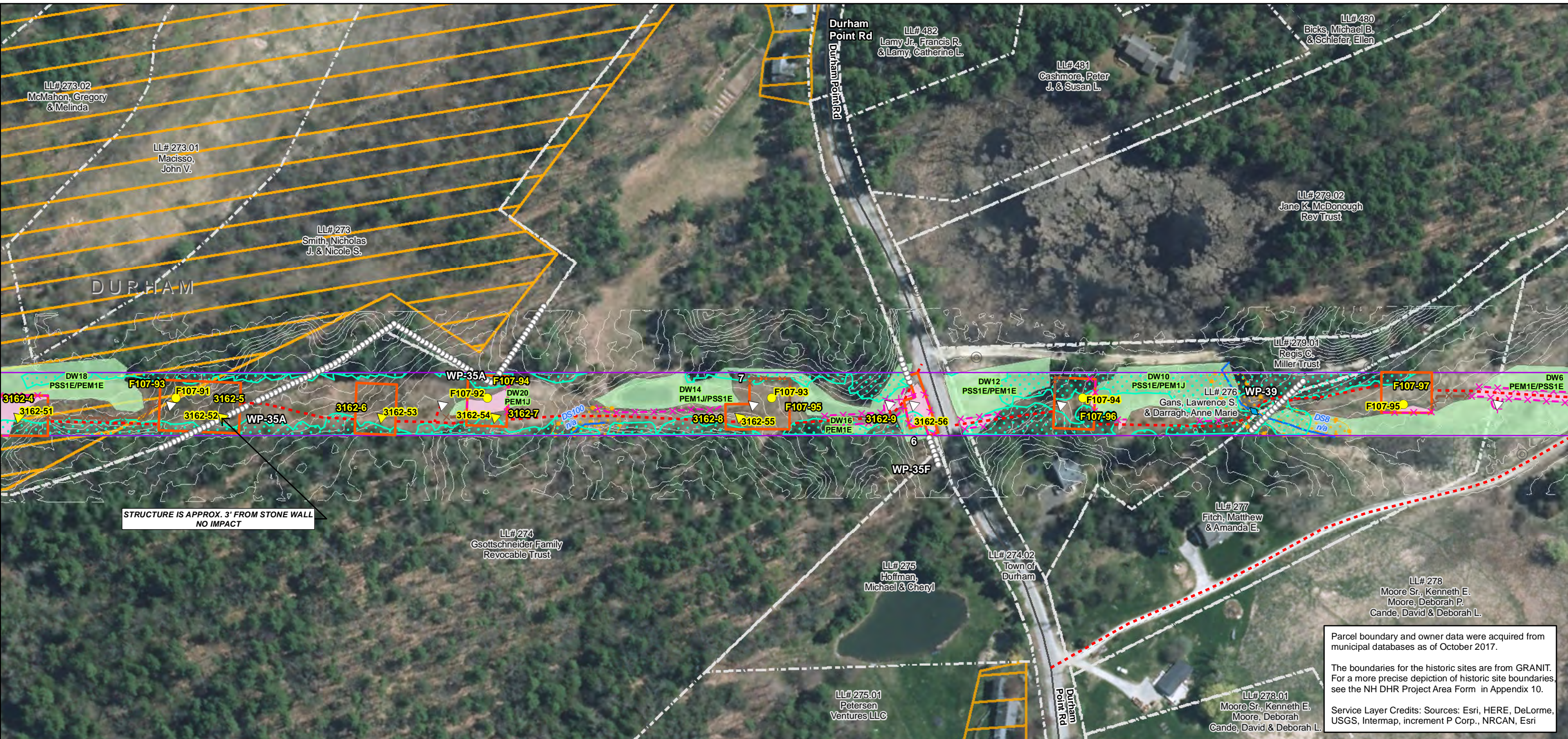
The boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.

Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri

<p>Date : 5/11/2018</p> <p>Drawn By: dpellelier</p> <p>Project No: 22860_003</p>	<p><b>Town Boundary</b></p> <p><b>Approximate Parcel Boundary</b></p> <p><b>PSNH Fee Area</b></p> <p><b>Project Corridor</b></p> <p><b>Work Pad</b></p> <p><b>Roads</b></p> <p>Local</p> <p>Not Maintained</p> <p>Private</p> <p>State</p> <p>Railroad</p>	<p>Existing Str (Remain)</p> <p>Existing Str (Removed/Modified)</p> <p><b>Access Roads</b></p> <p><b>Underground Cable</b></p> <p><b>Silt Curtain</b></p> <p><b>Silt Fence, Hay Bale, Erosion Control Mix Berm</b></p> <p><b>Straw Wattle</b></p> <p><b>Wetland</b></p> <p><b>Prime Wetland</b></p> <p><b>Wetland Impact (PERM)</b></p> <p><b>Wetland Impact (TEMP)</b></p> <p><b>Wetland Number &amp; Cover Type</b></p> <p>DW56</p> <p>PSS1</p>	<p><b>Stream Centerline</b></p> <p><b>Stream Top of Bank</b></p> <p><b>Temporary Culvert</b></p> <p><b>Stonewall alignment</b></p> <p><b>Temporary Mat Bridge</b></p> <p><b>NH DOT Right-of-way</b></p> <p><b>Historical Sites</b></p> <p><b>Designated River Buffer 250'</b></p> <p><b>Conservation Lands</b></p> <p><b>100 Year Floodplain</b></p> <p><b>F107-107 Permitting Structure #s</b></p> <p><b>F107-107 Proposed Structure #s</b></p>	<p><b>Structures</b></p> <p>Direct Embed</p> <p>Drilled Pier</p> <p>Relocated Distribution</p> <p><b>Steep Slope BMPs</b></p> <p><b>Tree Clearing</b></p> <p><b>Stream Buffer</b></p> <p><b>2ft Contour</b></p> <p>Tidal Buffer Zone</p> <p>Highest Observable Tide Line/Reference Line (4ft Contour)</p> <p>Mean Lower Low Water</p> <p>Historic District</p>
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<p><b>EVERSOURCE</b></p> <p>ENERGY</p>	<p><b>Seacoast Reliability Project</b></p> <p><b>Durham, NH Stone Wall Maps</b></p>
<p><b>NORMANDEAU ASSOCIATES</b></p> <p>Environmental Consultants</p>	<p>9/1/2017</p>



Parcel boundary and owner data were acquired from municipal databases as of October 2017.

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<p>Drawn By: dpelletier</p> <p>Date: 5/11/2018</p> <p>Project No: 22860_003</p>	<p><b>Town Boundary</b></p> <p><b>Approximate Parcel Boundary</b></p> <p><b>PSNH Fee Area</b></p> <p><b>Project Corridor</b></p> <p><b>Work Pad</b></p> <p><b>Roads</b></p> <p>Local</p> <p>Not Maintained</p> <p>Private</p> <p>State</p> <p>Railroad</p>	<p>Existing Str (Remain)</p> <p>Existing Str (Removed/Modified)</p> <p>Access Roads</p> <p>Underground Cable</p> <p>Silt Curtain</p> <p>Silt Fence, Hay Bale, Erosion Control Mix Berm</p> <p>Straw Wattle</p> <p>Wetland</p> <p>Prime Wetland</p> <p>Wetland Impact (PERM)</p> <p>Wetland Impact (TEMP)</p> <p>Wetland Number &amp; Cover Type</p>	<p><b>Stream Centerline</b></p> <p><b>Stream Top of Bank</b></p> <p><b>Temporary Culvert</b></p> <p>Stonewall alignment</p> <p>Temporary Mat Bridge</p> <p>NH DOT Right-of-way</p> <p>Historical Sites</p> <p>Designated River Buffer 250'</p> <p>Conservation Lands</p> <p>100 Year Floodplain</p> <p><b>F107-107 Permitting Structure #s</b></p> <p><b>F107-107 Proposed Structure #s</b></p>	<p><b>Structures</b></p> <p>Direct Embed</p> <p>Drilled Pier</p> <p>Relocated Distribution</p> <p>Steep Slope BMPs</p> <p>Tree Clearing</p> <p>Stream Buffer</p> <p>2ft Contour</p> <p>Tidal Buffer Zone</p> <p>Highest Observable Tide Line/Reference Line (4ft Contour)</p> <p>Mean Lower Low Water</p> <p>Historic District</p>	<p>0 75 150 300 Feet</p> <p>1 inch = 150 feet</p>
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**EVERSOURCE ENERGY**

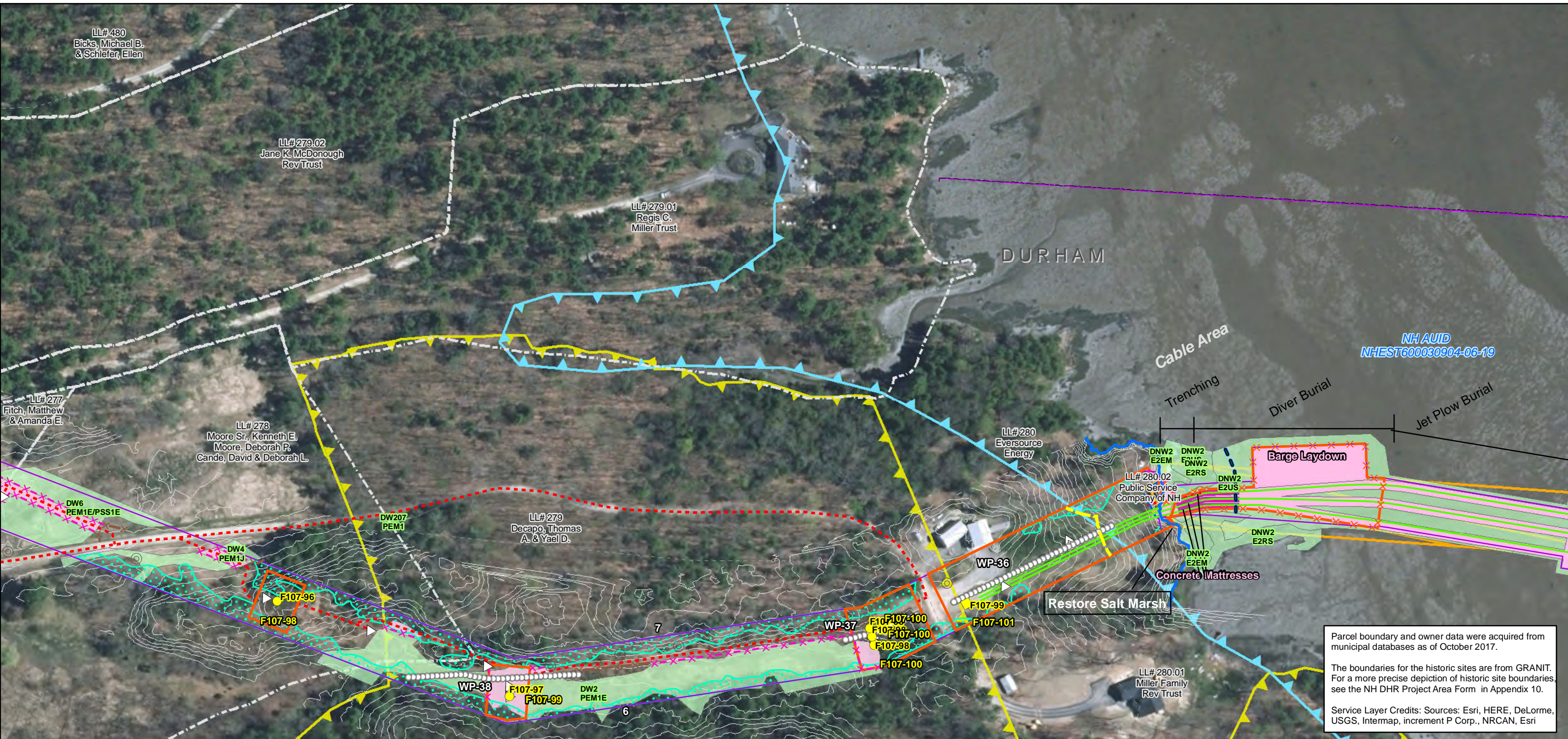
**NORMANDEAU ASSOCIATES**  
Environmental Consultants

**Seacoast Reliability Project**

**Durham, NH Stone Wall Maps**

SARAH D. ALLEN  
No. 083  
CERTIFIED WETLAND SCIENTIST

9/1/2017



NH AUID  
NHEST600030904-06-19

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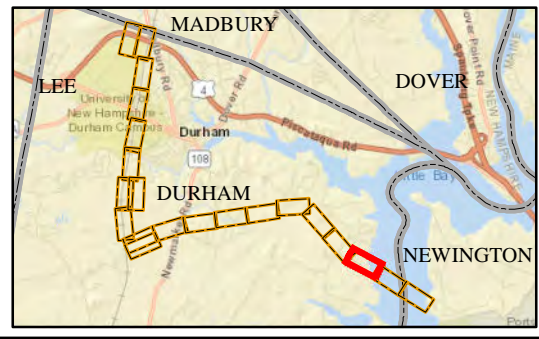
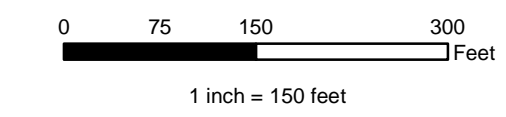
Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri

Date : 5/11/2018  
Project No: 22860\_003

- Town Boundary
- Approximate Parcel Boundary
- PSNH Fee Area
- Project Corridor
- Work Pad
- Roads**
- Local
- Not Maintained
- Private
- State
- Railroad
- Existing Str (Remain)
- Existing Str (Removed/Modified)
- Access Roads
- Underground Cable
- Silt Curtain
- Silt Fence, Hay Bale, Erosion Control Mix Berm
- Straw Wattle
- Wetland
- Prime Wetland
- Wetland Impact (PERM)
- Wetland Impact (TEMP)
- Wetland Number & Cover Type

- Stream Centerline
- Stream Top of Bank
- Temporary Culvert
- Stonewall alignment
- Temporary Mat Bridge
- NH DOT Right-of-way
- Historical Sites
- Designated River Buffer 250'
- Conservation Lands
- 100 Year Floodplain
- F107-107 Permitting Structure #s
- F107-107 Proposed Structure #s

- Structures**
- Direct Embed
- Drilled Pier
- Relocated Distribution
- Steep Slope BMPs
- Tree Clearing
- Stream Buffer
- 2ft Contour
- Tidal Buffer Zone
- Highest Observable Tide Line/Reference Line (4ft Contour)
- Mean Lower Low Water
- Historic District



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ENERGY

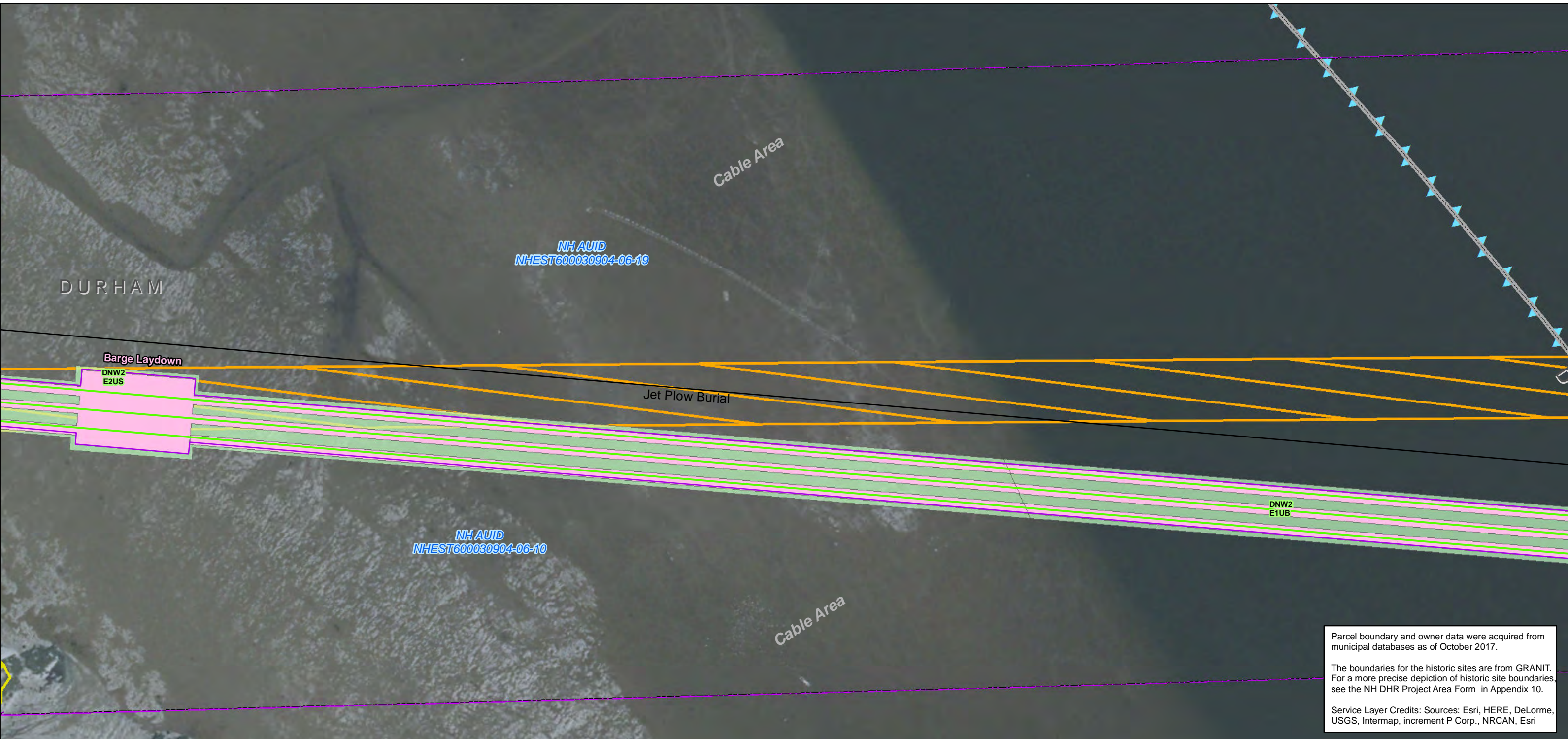
**NORMANDEAU**  
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Environmental Consultants

## Seacoast Reliability Project

### Durham, NH Stone Wall Maps







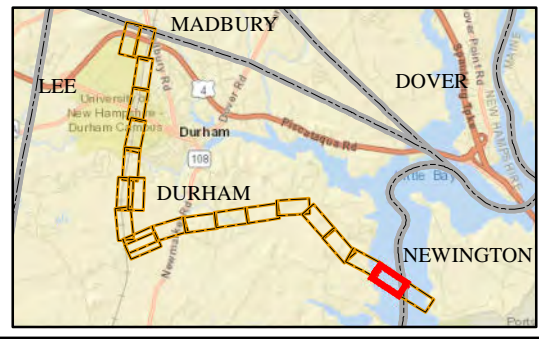
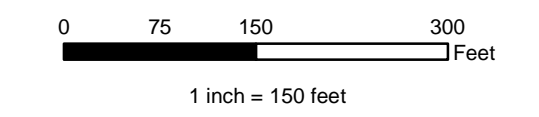
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Date : 5/11/2018  
 Drawn By: dpelletier  
 Project No: 22860\_003

<ul style="list-style-type: none"> <li>Town Boundary</li> <li>Approximate Parcel Boundary</li> <li>PSNH Fee Area</li> <li>Project Corridor</li> <li>Work Pad</li> <li>Roads           <ul style="list-style-type: none"> <li>Local</li> <li>Not Maintained</li> <li>Private</li> <li>State</li> <li>Railroad</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Existing Str (Remain)</li> <li>Existing Str (Removed/Modified)</li> <li>Access Roads</li> <li>Underground Cable</li> <li>Silt Curtain</li> <li>Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li>Straw Wattle</li> <li>Wetland</li> <li>Prime Wetland</li> <li>Wetland Impact (PERM)</li> <li>Wetland Impact (TEMP)</li> <li>Wetland Number &amp; Cover Type           <ul style="list-style-type: none"> <li>DW56</li> <li>PSS1</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Stream Centerline</li> <li>Stream Top of Bank</li> <li>Temporary Culvert</li> <li>Stonewall alignment</li> <li>Temporary Mat Bridge</li> <li>NH DOT Right-of-way</li> <li>Historical Sites</li> <li>Designated River Buffer 250'</li> <li>Conservation Lands</li> <li>100 Year Floodplain</li> <li>F107-107 Permitting Structure #s</li> <li>F107-107 Proposed Structure #s</li> </ul>	<ul style="list-style-type: none"> <li>Structures           <ul style="list-style-type: none"> <li>Direct Embed</li> <li>Drilled Pier</li> <li>Relocated Distribution</li> <li>Steep Slope BMPs</li> <li>Tree Clearing</li> <li>Stream Buffer</li> <li>2ft Contour</li> <li>Tidal Buffer Zone</li> <li>Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li>Mean Lower Low Water</li> <li>Historic District</li> </ul> </li> </ul>
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**EVERSOURCE ENERGY**

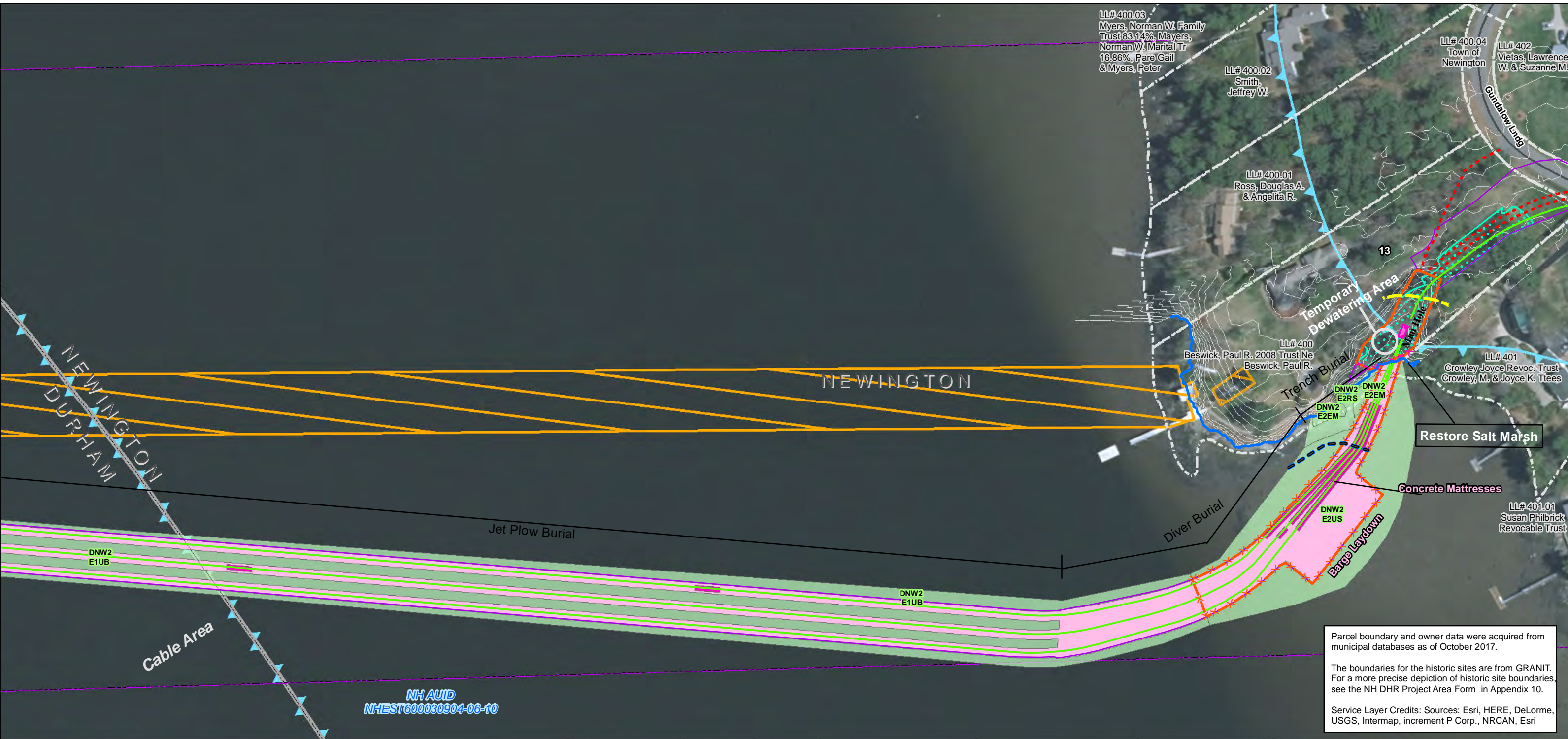
**NORMANDEAU ASSOCIATES**  
 Environmental Consultants

**Seacoast Reliability Project**

**Durham, NH Stone Wall Maps**

STATE OF NEW HAMPSHIRE  
 SARAH D. ALLEN  
 No. 083  
 CERTIFIED WETLAND SCIENTIST

9/1/2017



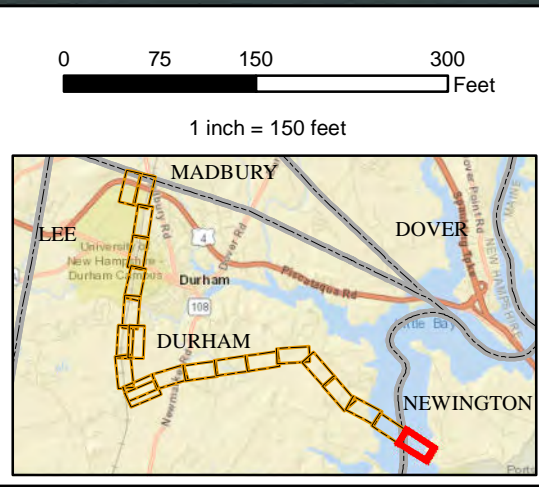
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Date : 5/11/2018  
 Drawn By: dpelletier  
 Project No: 22860\_003

<b>Town Boundary</b>	Existing Str (Remain)	<b>Stream Centerline</b>	Direct Embed
<b>Approximate Parcel Boundary</b>	Existing Str (Removed/Modified)	<b>Stream Top of Bank</b>	Drilled Pier
<b>PSNH Fee Area</b>	<b>Access Roads</b>	<b>Temporary Culvert</b>	Relocated Distribution
<b>Project Corridor</b>	<b>Underground Cable</b>	<b>Stonewall alignment</b>	<b>Steep Slope BMPs</b>
<b>Work Pad</b>	<b>Silt Curtain</b>	<b>Temporary Mat Bridge</b>	<b>Tree Clearing</b>
<b>Roads</b>	<b>Silt Fence, Hay Bale, Erosion Control Mix Berm</b>	<b>NH DOT Right-of-way</b>	<b>Stream Buffer</b>
Local	<b>Straw Wattle</b>	<b>Historical Sites</b>	<b>2ft Contour</b>
Not Maintained	<b>Wetland</b>	<b>Designated River Buffer 250'</b>	<b>Tidal Buffer Zone</b>
Private	<b>Prime Wetland</b>	<b>Conservation Lands</b>	<b>Highest Observable Tide Line/Reference Line (4ft Contour)</b>
State	<b>Wetland Impact (PERM)</b>	<b>100 Year Floodplain</b>	<b>Mean Lower Low Water</b>
Railroad	<b>Wetland Impact (TEMP)</b>	<b>F107-107 Permitting Structure #s</b>	<b>Historic District</b>
	<b>Wetland Number &amp; Cover Type</b>	<b>F107-107 Proposed Structure #s</b>	
	<b>DW56 PSS1</b>		



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**Seacoast Reliability Project**

**Durham, NH Stone Wall Maps**

SARAH D. ALLEN  
 No. 083  
 CERTIFIED WETLAND SCIENTIST

9/1/2017

**From:** Miller, Nadine <Nadine.Miller@dncr.nh.gov>  
**Sent:** Friday, May 18, 2018 8:06 AM  
**To:** Doperalski, Mark  
**Cc:** Boisvert, Richard A  
**Subject:** RE: Eversource SRP Stone Walls List Prepared by DHA

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Thanks for the update.  
Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.

-----Original Message-----  
From: Doperalski, Mark [mailto:mark.doperalski@eversource.com]  
Sent: Thursday, May 17, 2018 4:20 PM  
To: Miller, Nadine  
Cc: Boisvert, Richard A  
Subject: FW: Eversource SRP Stone Walls List Prepared by DHA

FYI

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

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-----Original Message-----

From: Doperalski, Mark

Sent: Thursday, May 17, 2018 4:15 PM

To: 'Durham Historic Association' <dhacurator@comcast.net>

Subject: RE: Eversource SRP Stone Walls List Prepared by DHA

Hi Nancy,

On April 16, 2018, the Durham Historic Association (DHA) sent a list of stone walls located in Durham that was prepared by Janet Mackie. Eversource reviewed this information in comparison to our records regarding stone wall locations within and directly adjacent to the Seacoast Reliability Project (SRP) area. A field visit was completed to confirm and map stone walls reported by the DHA that were not previously recorded in our records and on project mapping. As a result of this effort, the project maps have been updated and are being provided to the DHA for your information and records and will also be provided to the SEC as part of the Application (please see attachments - hard copies will be sent to you via U.S. Postal Service).

Additionally, the DHA expressed concern regarding potential impacts to the following stone walls that are part of a historic district and/or serve as a property boundary marker: WP-1A, WP-1B, WP-4A, WP-4B, WP-4C, WP-8B, WP-8C, WP-8D, WP-8E, WP-14A, WP-15, WP-15A, WP-20, WP-20A, WP-20B, WP-22, WP-23, WP-25, WP-31, WP-31A, WP-35, WP-35A (noted as WP-35E by DHA), WP-35B, WP-35C, WP-35D, and WP-35F. Physical impacts to these stone walls shall be avoided by the Project through the implementation of one or more of the following four measures to include: (a) not traversing the wall, (b) traversing the wall through an existing breach, (c) traversing the wall using timber matting to temporarily bridge over the wall, or (d) placing the work pad on top of timber matting to elevate the work pad above the wall.

The DHA also expressed concern regarding potential impacts to historic resources located within the field south and west of LaRoche brook, east of the railroad tracks, and north of Bennett Road due to the use of the area as a staging area for machinery, equipment, pylons, cable, and other materials. Please note that this area has not been designated as a staging area.

Please let me know if you have any questions.

Sincerely,

Mark

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
mark.doperalski@eversource.com

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-----Original Message-----

From: Durham Historic Association [mailto:dhacurator@comcast.net]

Sent: Saturday, March 24, 2018 8:45 AM

To: Doperalski, Mark <mark.doperalski@eversource.com>

Subject: Eversource SRP Stone Walls List Prepared by DHA

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-----  
Hello Mark,

The Durham Historic Association is sending you its list of stone walls in Durham as prepared by Janet Mackie for your information.

Regards,

Nancy

Nancy Sandberg  
DHA Curator

---

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**From:** Miller, Nadine <Nadine.Miller@dncr.nh.gov>  
**Sent:** Tuesday, May 22, 2018 3:31 PM  
**To:** Lefebvre, Lindsey E CIV USARMY CENAE (US) (Lindsey.E.Lefebvre@usace.army.mil);  
Doperalski, Mark  
**Subject:** Draft MOA for Seacoast  
**Attachments:** SRP-MOA draft.docx

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---

Dear Lindsey and Mark:

Attached, please find the information Mark had submitted regarding the stipulation language for the Little Bay Underwater Cable Terminal Houses Historic District. I've made some revisions for your use/review.

Thanks,  
Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

*Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.*

The USACE shall ensure that the following measures are carried out in consultation with the NHSHP:

**I. Historic American Engineering Record (HAER) of the Little Bay Underwater Cable Terminal Houses Historic District**

- a. Historic American Engineering Record (HAER) Documentation of the Little Bay Underwater Cable Terminal Houses Historic District shall be undertaken by an Architectural Historian qualified under 36 CFR 61. The HAER documentation shall consist of an outline format engineering structures report including large format photographs, photo key and index, site plan, and outline narrative. The documentation shall include both cable terminal houses (one in Durham and one in Newington) and the underwater cables. A digital scan of the cable terminal house on the Durham side only shall be completed and included in the documentation. The underwater cable documentation shall consist of narrative information and/or site plans that show the location of the cables.
- b. A digital draft HAER document will be submitted to NHSHP for review and comment for a period of 45 days. One draft copy will then be provided by Eversource on behalf of USACE, to NPS for review and comment.
- c. Following NPS comment, one final archival copy (with one set of photographs) will be submitted to NPS and the NHSHP (in archival folder) by Eversource. In addition, a digital PDF copy will be submitted to NHSHP. One copy printed on archival paper will be submitted to the appropriate local repositories in Durham and Newington.

**II. Stabilization, Relocation, and Rehabilitation of Durham Cable House Terminal**

- a. Eversource shall fund and oversee work to stabilize and move the Durham side cable terminal house 50 feet to the north of its historic location during construction. Once the construction has been completed, Eversource shall permanently place the cable terminal house in a location 12 feet to the west of and 15 feet to the north of its historic location. The cable terminal house shall be placed on a new foundation constructed of field stone and mortar set upon a below-grade concrete footing. All work will follow specifications outlined in the plan sheet found in Appendix B.
- b. Eversource shall fund and oversee the rehabilitation of the Durham side cable terminal house once it has been placed in its new permanent location. All work shall follow the *Secretary of the Interior's Standards for the Treatment of Historic Properties* and shall be overseen by a 36 CFR 61 qualified Architectural Historian. Rehabilitation work shall include brick masonry wall repointing, roof repair, door and window repair and work to ensure the floor system is stable. Eversource and its Architectural Historian shall consult with NHSHP when plans are at 50% and 90% complete to ensure that the *Standards* are being met.

### **III. Exterior Interpretive Signage**

- a. Eversource shall fund and install interpretive signage at Fox Point to interpret the historical and engineering significance of the Little Bay Underwater Cable Terminal Houses Historic District. Development of the signage shall be overseen by a 36 CFR 61 qualified Architectural Historian. Signage shall include narrative and photographs. NHSHPPO shall be provided 30 days to review and comment on draft text/layout. The panel shall be placed at Fox Point on land owned by the Town of Newington. Specific location to be decided by Town of Newington and the Newington Historic District Commission, in consultation with Eversource and NHSHPPO.

### **IV. Interior Interpretive Displays in Durham and Newington**

- a. Eversource shall fund and oversee the development of two identical interpretive displays, one each for the towns of Durham and Newington to convey the historical and engineering significance of the Little Bay Underwater Cable Terminal Houses Historic District. The work will be overseen by an Architectural Historian qualified under 36 CFR 61. Consultation on the content of the displays shall be between Eversource, NHSHPPO, Durham Historic District Commission, and the Newington Historic District Commission. At a minimum, the displays will exhibit samples of the historical underwater cable and new underwater cable, provide a narrative on the historic and modern technology involved, and summarize a history of the resource. NHSHPPO will have 30 days to review and comment on the text/layout of the displays. NHSHPPO, the Durham Historic District Commission and the Newington Historic District shall consult with Eversource to identify appropriate publicly accessible venues in each community to install the displays.



**From:** Miller, Nadine <Nadine.Miller@dncr.nh.gov>  
**Sent:** Tuesday, May 22, 2018 3:32 PM  
**To:** Doperalski, Mark  
**Subject:** RE: Seacoast MOA language?

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Thanks – just sent it.  
I realized that I did not remember to send it Friday, so glad it went out today.  
I'm hoping to stop by tomorrow for the SEC meeting.

Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

*Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.*

---

**From:** Doperalski, Mark [<mailto:mark.doperalski@eversource.com>]  
**Sent:** Tuesday, May 22, 2018 3:30 PM  
**To:** Miller, Nadine  
**Subject:** RE: Seacoast MOA language?

Hi Nadine,

I have not hear any comments. Yes, please send to Lindsey as soon as possible. I had assumed that you sent it out on Friday upon not receiving any comments from Eversource by Thursday close of business.

The draft MOU is just about ready to send over to you – just waiting for a few last folks to review the Training, Monitoring, Unanticipated Discoveries, and Curation/Repatriation plans that will be Appendix C of the MOU. My goal is to get it pushed through the system and onto your desk by the end of this week or early next week.

Thank you,

Mark

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

**EVERSOURCE**  
13 Legends Drive

Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

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**From:** Miller, Nadine [<mailto:Nadine.Miller@dncr.nh.gov>]  
**Sent:** Tuesday, May 22, 2018 3:10 PM  
**To:** Doperalski, Mark <[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)>  
**Subject:** Seacoast MOA language?

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---

Mark:

Did you hear from folks on your end regarding the revisions I suggested for the MOA?  
I'd like to send it to Lindsay.

Thanks,  
Nadine

---

Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

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**From:** Doperalski, Mark <mark.doperalski@eversource.com>  
**Sent:** Thursday, June 07, 2018 10:46 AM  
**To:** Miller, Nadine; Boisvert, Richard A  
**Subject:** SRP - DRAFT MOU for your review  
**Attachments:** SRP\_DHR\_MOU\_DRAFT\_06-07-2018\_reducedsize.pdf

Hi Dick and Nadine,

I have attached for your review, a draft of the SRP MOU between the DHR and Eversource. A hard copy of the draft document can be provided upon request. Because the file size of the attached document is somewhat large, please let me know once you've received this email.

Lindsey at the USACE stated earlier this week that the draft MOA among the USACE, DHR, and Eversource (to be appendix A of the attached MOU) should be sent out for our review still this week.

Please let me know if you have any questions or concerns.

Eversource looks forward to receiving the DHR's comments.

Thank you,

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

**EVERSOURCE**  
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603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

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# **DRAFT**

**MEMORANDUM OF UNDERSTANDING  
BETWEEN  
NEW HAMPSHIRE DIVISION OF HISTORICAL RESOURCES AS THE  
STATE HISTORIC PRESERVATION OFFICE  
and  
EVERSOURCE ENERGY  
REGARDING THE RESOLUTION OF ADVERSE EFFECTS FOR THE  
SEACOAST RELIABILITY PROJECT**

**THIS AGREEMENT** (“Agreement”) is entered into this \_\_\_ day of \_\_\_\_\_ 2018, between the New Hampshire Division of Historical Resources (“NHDHR”) and Public Service Company of New Hampshire d/b/a Eversource Energy (“Eversource”), collectively (the “Parties”). Eversource and the NHDHR may be collectively referred to herein as “the Parties”.

**WHEREAS**, Eversource is proposing to construct, own, operate and maintain a new 13-mile 115-kV electric transmission line between existing substations in Madbury, New Hampshire and Portsmouth, New Hampshire and to upgrade existing substations (collectively known as the Seacoast Reliability Project (the “Project”)); and

**WHEREAS**, if the Project is granted a Certificate by the New Hampshire Site Evaluation Committee (“NHSEC”), the NHDHR desires that Eversource comply with the following provisions during construction of the Project; and

**WHEREAS**, if the Project is granted a Certificate by the NHSEC, the NHDHR and Eversource desire that the NHSEC adopt these provisions as conditions and incorporate them into any Certificate of Site and Facility it may grant Eversource for the Project; and

**WHEREAS**, Eversource is seeking state and federal permits for the Project; and

**WHEREAS**, United States Army Corps of Engineers (“USACE”), the lead federal agency for the purposes of complying with 36 CFR 800, has determined that the Project is a federal undertaking subject to Section 106 of the National Historic Preservation Act, as amended, and its implementing regulations, Protection of Historic Properties, 36 CFR Part 800; and

**WHEREAS**, USACE has initiated consultation with the New Hampshire Division of Historical Resources as State Historic Preservation Officer pursuant to 36 CFR Part 800 for the portions of the Project area within the USACE permit area, and the NHSEC has communicated with the NHDHR pursuant to RSA 162-H; and

**WHEREAS**, NHDHR has reviewed and approved Phase IA and IB Archeological Survey reports submitted by consultants on behalf of Eversource, NHDHR has concurred with the management recommendations presented in said reports, and NHDHR has determined that no known archaeological sites that are listed in, or are eligible for listing in, the National Register of Historic Places will be affected by the Project; and

**WHEREAS**, NHDHR has reviewed and approved a Project Area Form, Individual Property Forms, and Historic District Area Forms submitted by consultants on behalf of Eversource, and

NHDHR has reviewed Effects Tables submitted by the consultants on behalf of Eversource, and NHDHR has determined, in a letter dated June 20, 2017, that the Project has the potential to adversely affect the following four resources that are listed in or are eligible for listing in the National Register of Historic Places:

- Alfred Pickering Farm, Newington, New Hampshire
- Durham Point Historic District, Durham, New Hampshire
- Little Bay Underwater Cable Terminal Houses Historic District, Durham and Newington, New Hampshire
- Newmarket and Bennet Roads Farms Historic District, Durham, New Hampshire;

and

**WHEREAS**, USACE, NHDHR and Eversource shall enter into a separate Memorandum of Agreement (“MOA”) to address resolution of adverse effects to the one historic property within the jurisdiction of USACE (namely, the Little Bay Underwater Cable Terminal Houses Historic District); Appendix A; and

**WHEREAS**, on October 4, 2017 Eversource, USACE, NHDHR, and Consulting Parties met to discuss measures to be taken by Eversource to avoid, minimize, and mitigate Project effects upon resources determined by the NHDHR as having the potential to be adversely affected by the Project; and

**WHEREAS**, the purpose of this MOU is to serve as an agreement between Eversource and NHDHR to ensure the appropriate avoidance, minimization, and mitigation measures to address potential adverse effects to historic resources as defined by RSA 162-H are carried out by Eversource.

**NOW, THEREFORE**, NHDHR and Eversource agree as follows:

**A. GENERAL PROVISIONS**

1. This MOU shall remain in full force and effect during construction of the Project and until the resolution of adverse effects, as described herein, has been fully implemented.
2. Confidentiality of Records and Information. The signatories shall maintain the confidentiality of records and information pertaining to the location, character or ownership of archeological sites consistent with NH RSA 227-C:11 and Section 304 of the National Historic Preservation Act.

**B. HISTORIC PROPERTIES TREATMENT PLAN**

**1. Alfred Pickering Farm**

- a. The NHDHR, in its determination of adverse effect pertaining to the Project, identified potential visual changes to the Alfred Pickering Farm due to the use of larger scale transmission structures.

- i. The one new structure that will be visible from the Alfred Pickering Farm will be 65.5 feet tall. Existing trees along the northern edge of the corridor will minimize the presence of the structure in the view. Additionally, the Project shall use a weathering steel H-frame structure, which shall further minimize the visual impact of the structure by reducing the visual contrast against the backdrop of the existing trees.
- ii. Repairs to the chimneys of the Old Parsonage and the Meeting House, both properties being contributing elements to the Newington Center Historic District, shall be funded and overseen by the Project as mitigation for the visual effects of the Project upon the Alfred Pickering Farm.
  - 1. Repair work shall follow the Secretary of Interior Standards for the Treatment of Historic Properties and shall be overseen by a 36 CFR 61 qualified architectural historian.
  - 2. The total cost of these repairs shall not exceed the amount of \$5,000.

**2. Durham Point Historic District**

- a. The NHDHR, in its determination of adverse effect pertaining to the Project, identified potential direct physical impacts to the seven historic stone walls and one granite quarry by the proposed Project that contribute to the rural character of the Newmarket and Bennett Roads Farms Historic District. To resolve adverse effects, Eversource shall employ the following avoidance and minimization measures, as shown on the plan sheet identified as Appendix B hereto:
  - i. Physical impacts to six of the seven historic stone walls shall be avoided by the Project through the implementation of one or more of the following three measures: (a) traversing the wall through an existing breach, (b) traversing the wall using timber matting to temporarily bridge over the wall, and/or (c) placing the work pad on top of timber matting to elevate work pad above the wall.

<b>Stone Wall ID</b>	<b>Appendix B Map Sheet Number</b>
WP-32	5
WP-34	5
WP-35	5-6
WP-35D	6
WP-35B	6
WP-35A	7

- ii. Physical impacts to one of the seven walls shall be minimized by widening one existing breach in said wall and repairing a second existing breach in said wall with the stone removed from the first.

<b>Stone Wall ID</b>	<b>Appendix B Map Sheet Number</b>
WP-33	5

- iii. Physical impacts to features of the granite quarry (Appendix B: Map Sheet Number 5) shall be avoided by adjusting access routes around the quarry features. In two locations, one an access point and the second a work pad location, where avoidance through adjusting project components is not possible, timber matting shall be used as a protective measure during construction, thus avoiding impacts to quarry features.

**3. Newmarket and Bennet Roads Farms Historic District**

- a. The NHDHR, in its determination of adverse effect pertaining to the Project, identified potential physical impacts by the proposed Project to the thirteen historic stone walls that contribute to the rural character of the Newmarket and Bennett Roads Farms Historic District. To resolve adverse effects, Eversource shall employ the following avoidance and minimization measures, as shown on the plan sheet identified as Appendix B hereto:
  - i. Physical impacts to all thirteen historic stone walls shall be avoided by the Project through the implementation of one or more of the following four measures to include: (a) not traversing the wall, (b) traversing the wall through an existing breach, (c) traversing the wall using timber matting to temporarily bridge over the wall, or (d) placing the work pad on top of timber matting to elevate work pad above the wall.

<b>Stone Wall ID</b>	<b>Appendix A Map Sheet Number</b>
WP-12	1
WP-13	1
WP-14	1-2
WP-14A	2
WP-15	2
WP-15A	2
WP-16	3
WP-17	3
WP-18	3
WP-19	3
WP-20	3
WP-20A	3
WP-20B	3

**C. DISCOVERY OF UNIDENTIFIED RESOURCES**

- 1. Eversource shall ensure that environmental inspectors have been trained appropriately in the identification of, and are aware of the potential to encounter, significant cultural resources including human remains and/or grave-associated artifacts. All onsite personnel shall receive cultural resources sensitivity training outlined in the Historic Properties Training Plan; and shall be made aware of, and directed to follow procedures outlined in, the Unidentified Discovery Plan (“UDP”); Appendix C.

2. If previously unidentified architectural and/or archaeological resources are discovered that may be adversely affected by the Project or if known resources are affected in an unanticipated manner, Eversource shall cease construction activities at that location and it shall notify the NHDHR. NHDHR shall apply the criteria of eligibility and consult pursuant to 36 CFR 800.

**D. CONSULTATION WITH NHDHR**

1. Eversource shall report no less than quarterly to NHDHR to provide a status report on the resolution of adverse effects activities completed under this MOU.
2. The information to be submitted in written quarterly reports shall include, at a minimum:
  - a. Status of construction activities;
  - b. Avoidance, minimization, and mitigation measures taken; and
  - c. Such other information as may reasonably be requested by NHDHR.

Respectfully Submitted,

Public Service Company of New  
Hampshire d/b/a Eversource Energy

NH Department of Historical Resources

By its attorneys,

By its attorneys,

McLANE MIDDLETON  
PROFESSIONAL ASSOCIATION

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

By: \_\_\_\_\_

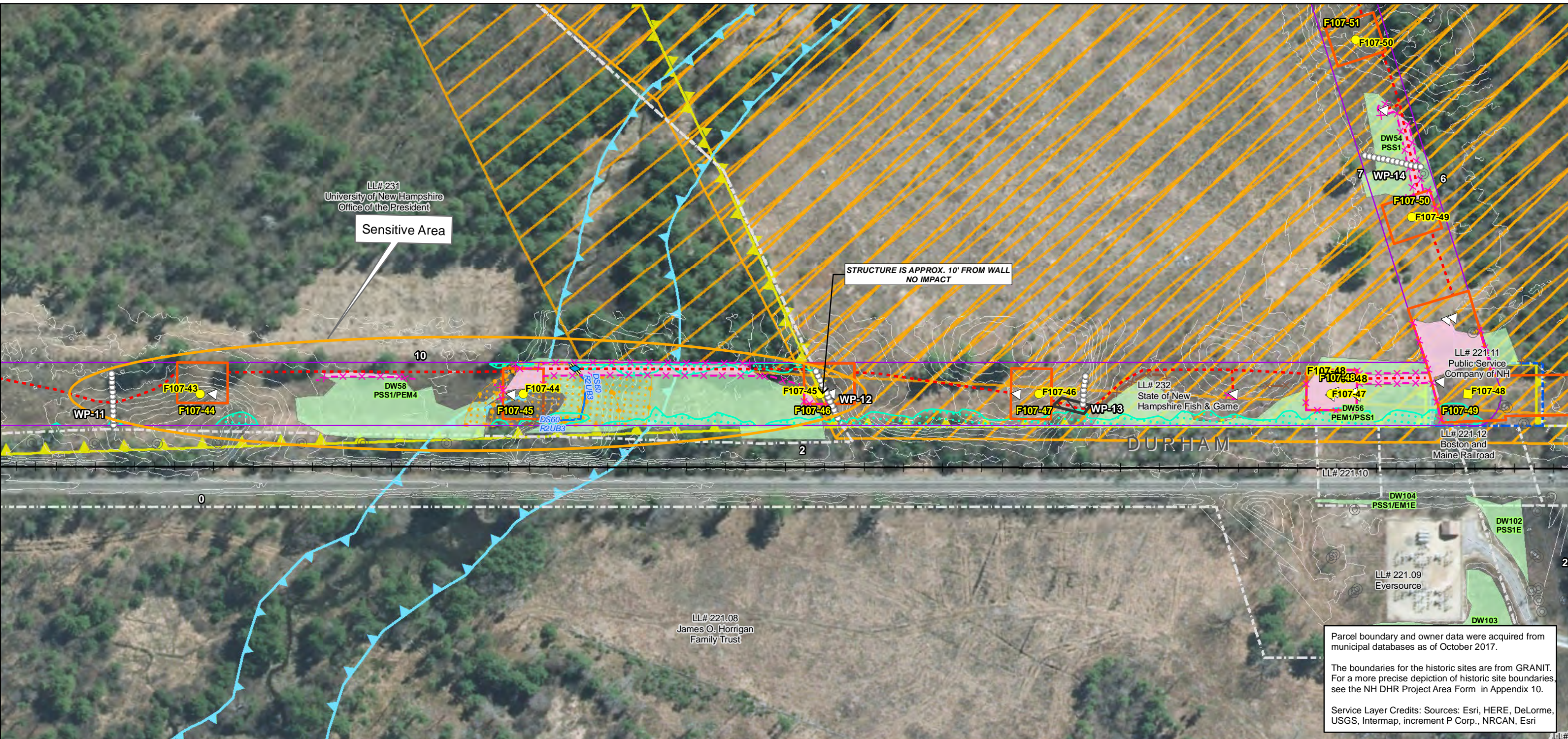
By: \_\_\_\_\_

Barry Needleman (NH Bar No. 9446)  
Adam Dumville (NH Bar No. 20715)  
11 South Main Street, Suite 500  
Concord, NH 03301  
(603) 226-0400  
barry.needleman@mclane.com  
adam.dumville@mclane.com



**APPENDIX A:  
MEMORANDUM OF AGREEMENT AMONG THE USACE, NHDHR AND EVERSOURCE**

**APPENDIX B:  
NEWMARKET AND BENNET ROADS FARMS HISTORIC DISTRICT  
AND DURHAM POINT HISTORIC DISTRICT PLAN SHEET**



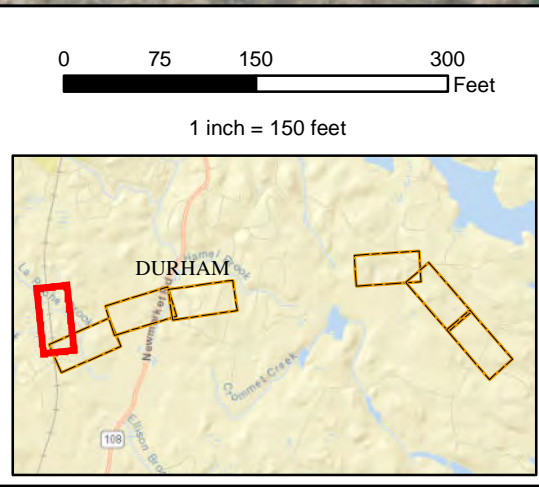
Parcel boundary and owner data were acquired from municipal databases as of October 2017.

The boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.

Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri

Date : 5/10/2018  
 Drawn By: dpelletier  
 Project No: 22860.003

Town Boundary	Existing Str (Remain)	Stream Centerline	Structures
Approximate Parcel Boundary	Existing Str (Removed/Modified)	Stream Top of Bank	Direct Embed
PSNH Fee Area	Access Roads	Temporary Culvert	Drilled Pier
Project Corridor	Underground Cable	Stonewall alignment	Relocated Distribution
Work Pad	Silt Curtain	Temporary Mat Bridge	Steep Slope BMPs
<b>Roads</b>	Silt Fence, Hay Bale, Erosion Control Mix Berm	NH DOT Right-of-way	Tree Clearing
Local	Straw Wattle	Historical Sites	Stream Buffer
Not Maintained	Wetland	Designated River Buffer 250'	2ft Contour
Private	Prime Wetland	Conservation Lands	Tidal Buffer Zone
State	Wetland Impact (PERM)	100 Year Floodplain	Highest Observable Tide Line/Reference Line (4ft Contour)
Railroad	Wetland Impact (TEMP)	F107-107 Permitting Structure #s	Mean Lower Low Water
	Wetland Number & Cover Type	F107-107 Proposed Structure #s	Historic District



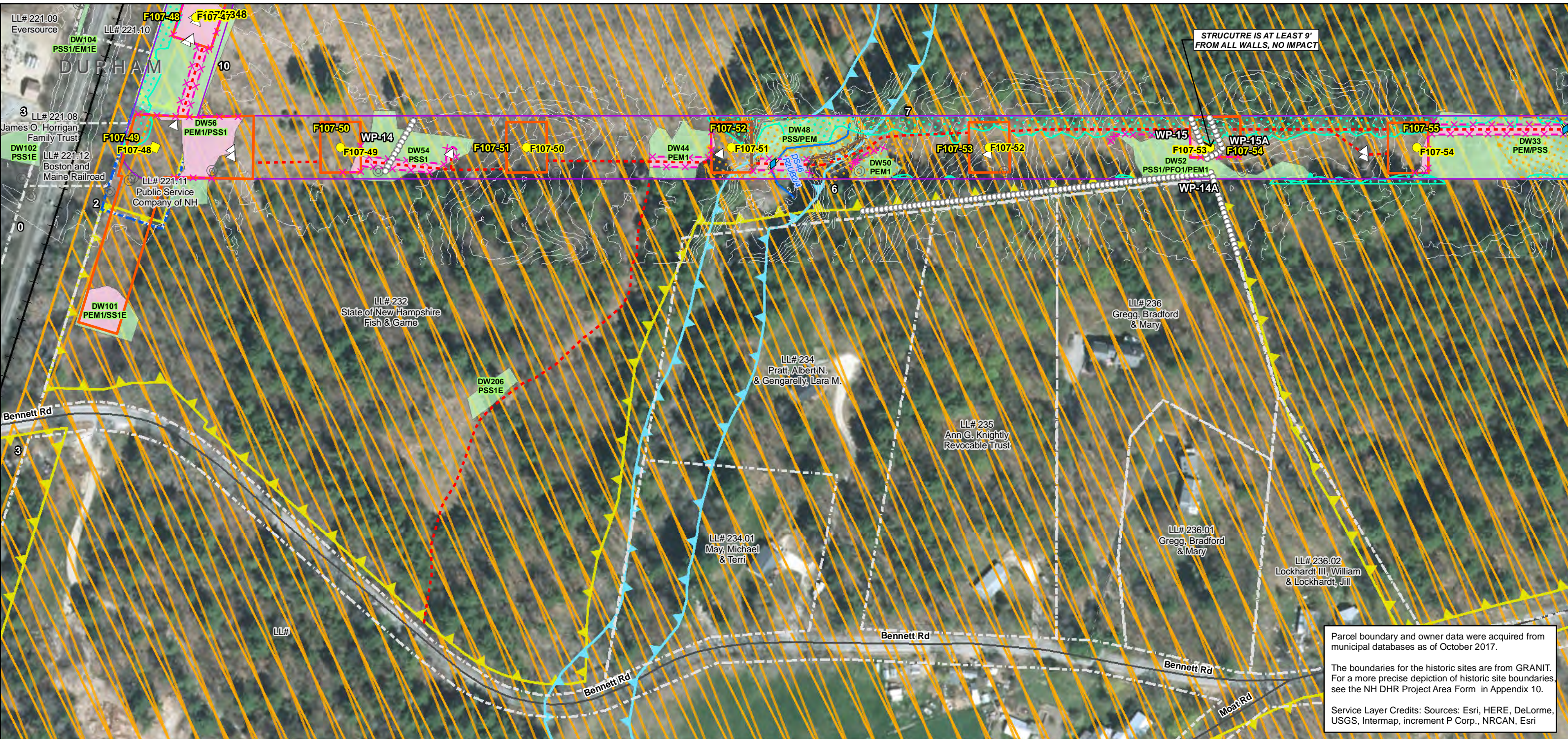
**EVERSOURCE ENERGY**

**NORMANDEAU ASSOCIATES**  
 Environmental Consultants

**Seacoast Reliability Project**

**Historic District Stone Wall Maps**

SARAH D. ALLEN  
 CERTIFIED WETLAND SCIENTIST  
 No. 083  
 9/1/2017

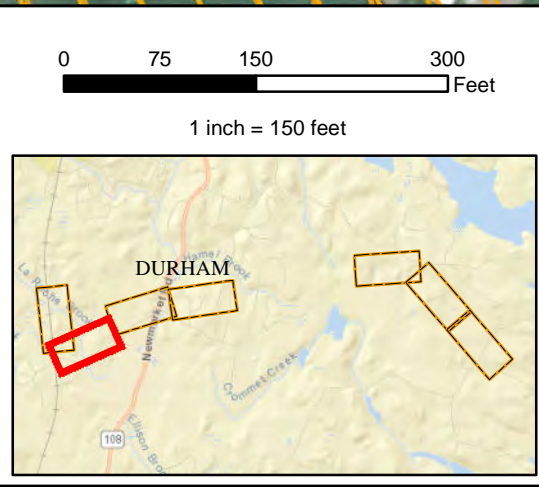


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<p>Drawn By: dpellelier</p> <p>Date: 5/1/2018</p> <p>Project No: 22860_003</p>	<ul style="list-style-type: none"> <li> Town Boundary</li> <li> Approximate Parcel Boundary</li> <li> PSNH Fee Area</li> <li> Project Corridor</li> <li> Work Pad</li> <li><b>Roads</b></li> <li> Local</li> <li> Not Maintained</li> <li> Private</li> <li> State</li> <li> Railroad</li> <li> Existing Str (Remain)</li> <li> Existing Str (Removed/Modified)</li> <li> Access Roads</li> <li> Underground Cable</li> <li> Silt Curtain</li> <li> Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li> Straw Wattle</li> <li> Wetland</li> <li> Prime Wetland</li> <li> Wetland Impact (PERM)</li> <li> Wetland Impact (TEMP)</li> <li> Wetland Number &amp; Cover Type</li> <li> Stream Centerline</li> <li> Stream Top of Bank</li> <li> Temporary Culvert</li> <li> Stonewall alignment</li> <li> Temporary Mat Bridge</li> <li> NH DOT Right-of-way</li> <li> Historical Sites</li> <li> Designated River Buffer 250'</li> <li> Conservation Lands</li> <li> 100 Year Floodplain</li> <li><b>Structures</b></li> <li> Direct Embed</li> <li> Drilled Pier</li> <li> Relocated Distribution</li> <li> Steep Slope BMPs</li> <li> Tree Clearing</li> <li> Stream Buffer</li> <li> 2ft Contour</li> <li> Tidal Buffer Zone</li> <li> Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li> Mean Lower Low Water</li> <li> Historic District</li> </ul> <p><b>F107-107 Permitting Structure #s</b></p> <p><b>F107-107 Proposed Structure #s</b></p>
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**EVERSOURCE ENERGY**

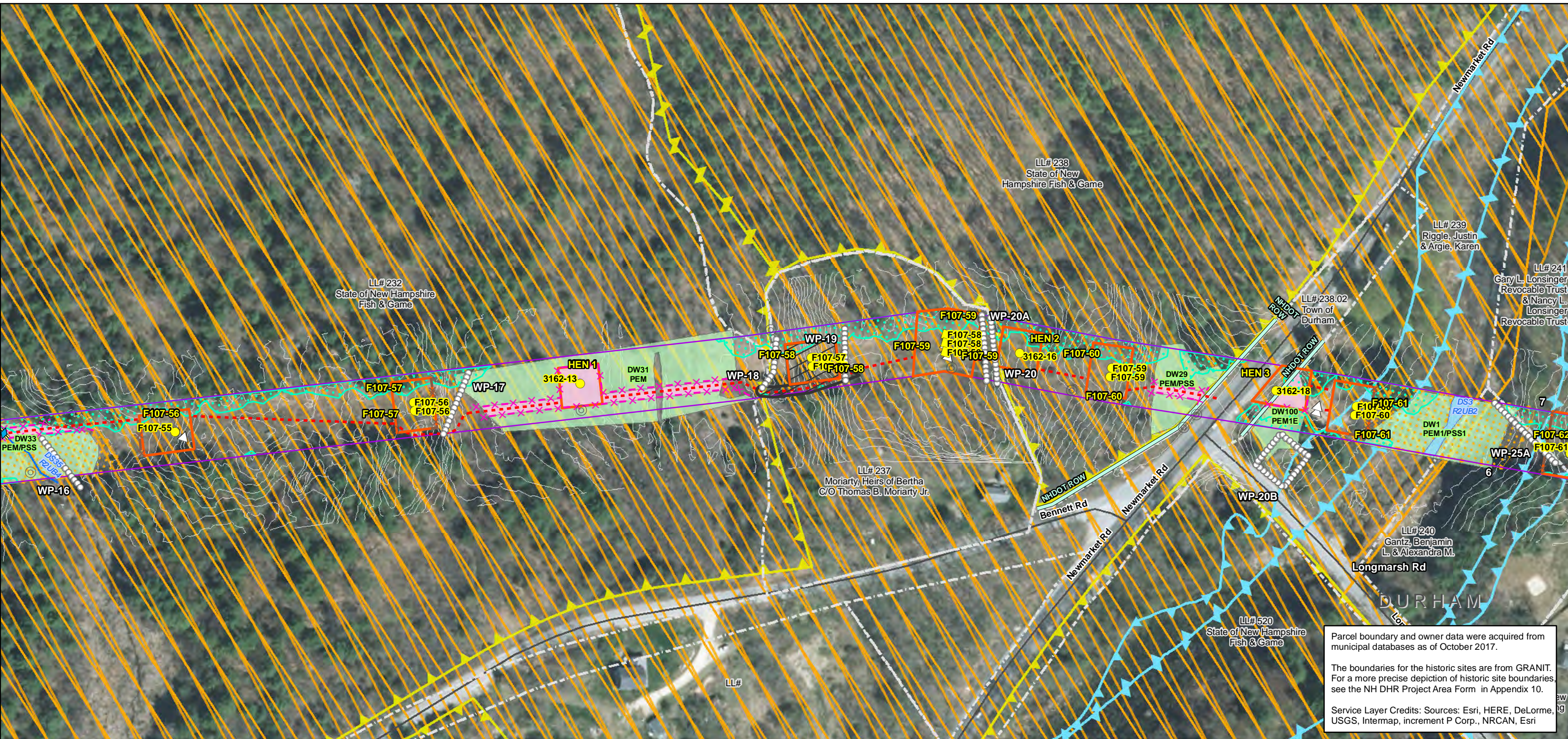
**NORMANDEAU ASSOCIATES**  
Environmental Consultants

**Seacoast Reliability Project**

**Historic District Stone Wall Maps**

SARAH D. ALLEN  
No. 083  
CERTIFIED WETLAND SCIENTIST

9/1/2017



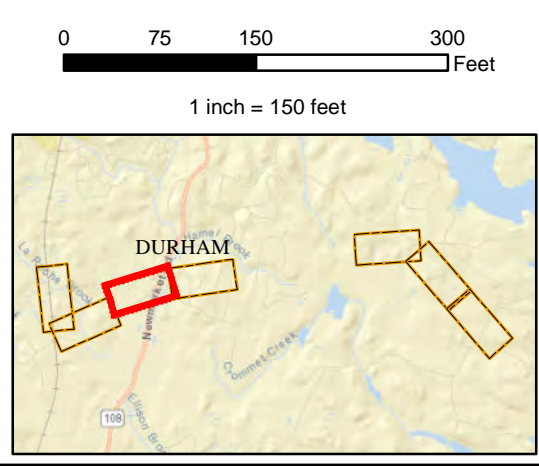
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Date : 5/10/2018  
 Drawn By: dpelletier  
 Project No: 22860\_003

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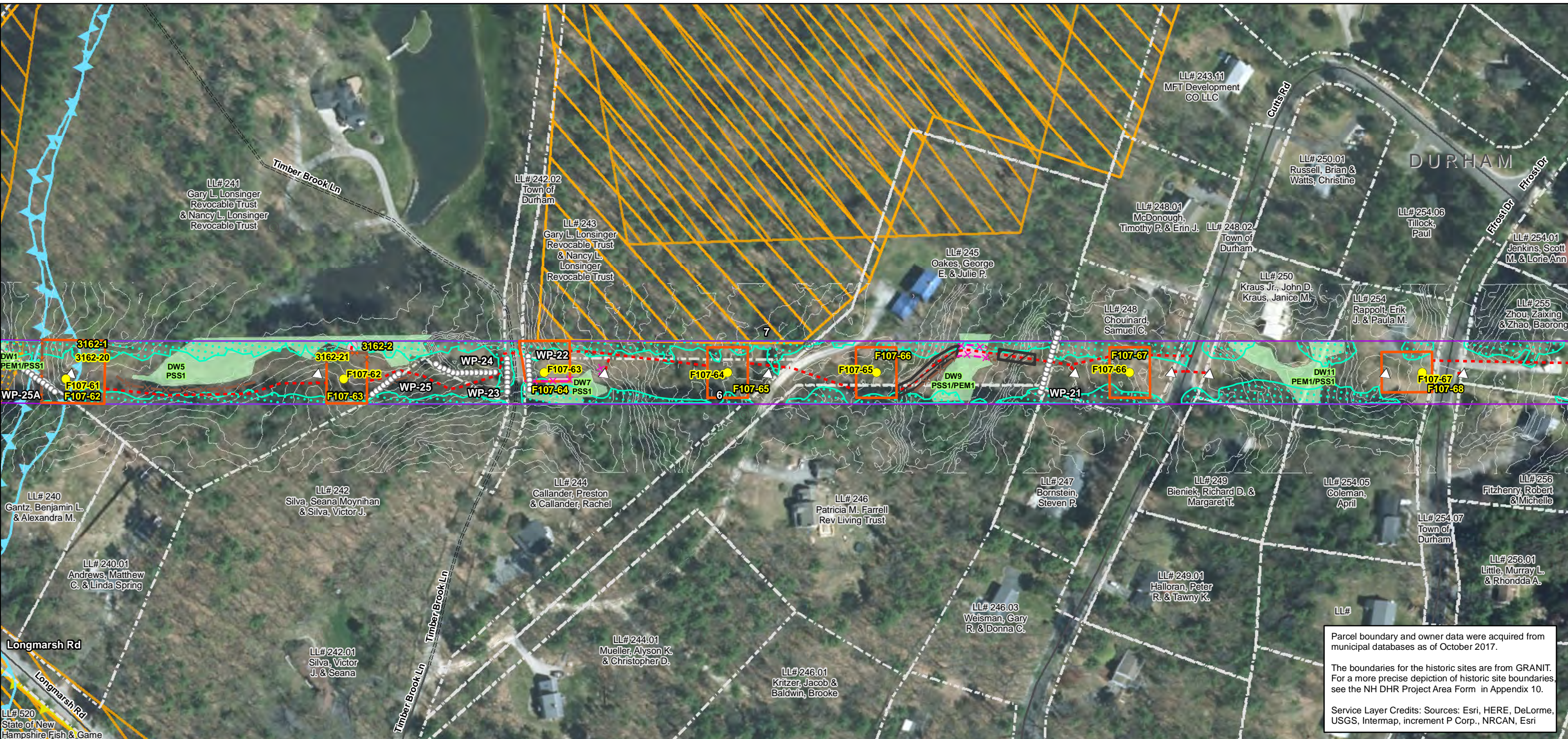
**EVERSOURCE**  
ENERGY

**NORMANDEAU ASSOCIATES**  
Environmental Consultants

**Seacoast Reliability Project**

**Historic District Stone Wall Maps**

9/1/2017



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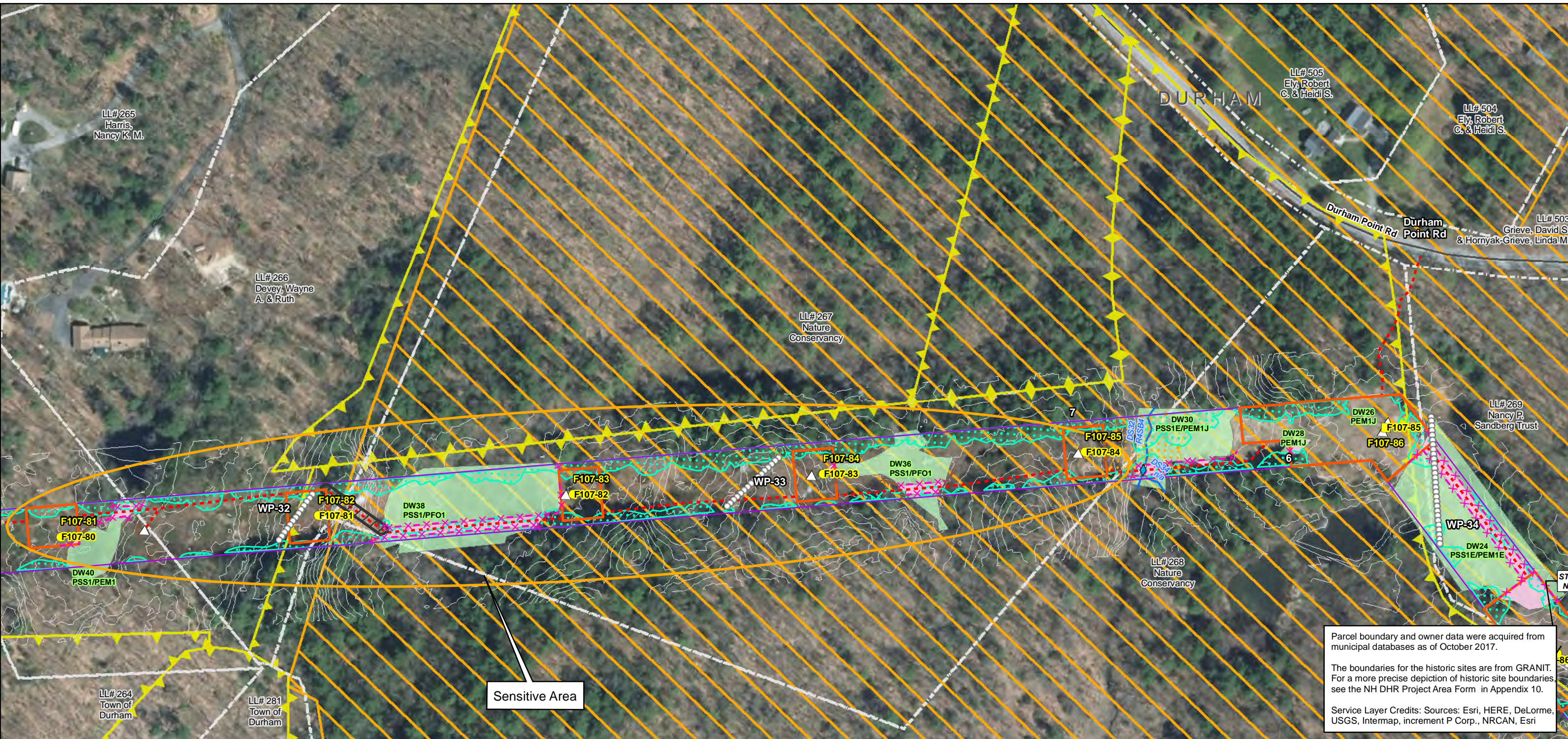
Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri

<p>Drawn By: dpellielier</p> <p>Date: 5/10/2018</p> <p>Project No: 22860_003</p>	<ul style="list-style-type: none"> <li> Town Boundary</li> <li> Approximate Parcel Boundary</li> <li> PSNH Fee Area</li> <li> Project Corridor</li> <li> Work Pad</li> <li><b>Roads</b></li> <li> Local</li> <li> Not Maintained</li> <li> Private</li> <li> State</li> <li> Railroad</li> <li> Existing Str (Remain)</li> <li> Existing Str (Removed/Modified)</li> <li> Access Roads</li> <li> Underground Cable</li> <li> Silt Curtain</li> <li> Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li> Straw Wattle</li> <li> Wetland</li> <li> Prime Wetland</li> <li> Wetland Impact (PERM)</li> <li> Wetland Impact (TEMP)</li> <li> Wetland Number &amp; Cover Type</li> <li> Stream Centerline</li> <li> Stream Top of Bank</li> <li> Temporary Culvert</li> <li> Stonewall alignment</li> <li> Temporary Mat Bridge</li> <li> NH DOT Right-of-way</li> <li> Historical Sites</li> <li> Designated River Buffer 250'</li> <li> Conservation Lands</li> <li> 100 Year Floodplain</li> <li> F107-107 Permitting Structure #s</li> <li> F107-107 Proposed Structure #s</li> </ul>	<p><b>Structures</b></p> <ul style="list-style-type: none"> <li> Direct Embed</li> <li> Drilled Pier</li> <li> Relocated Distribution</li> <li> Steep Slope BMPs</li> <li> Tree Clearing</li> <li> Stream Buffer</li> <li> 2ft Contour</li> <li> Tidal Buffer Zone</li> <li> Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li> Mean Lower Low Water</li> <li> Historic District</li> </ul>	<p>North Arrow</p> <p>Scale: 0 75 150 300 Feet</p> <p>1 inch = 150 feet</p>
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## Seacoast Reliability Project

### Historic District Stone Wall Maps

9/1/2017



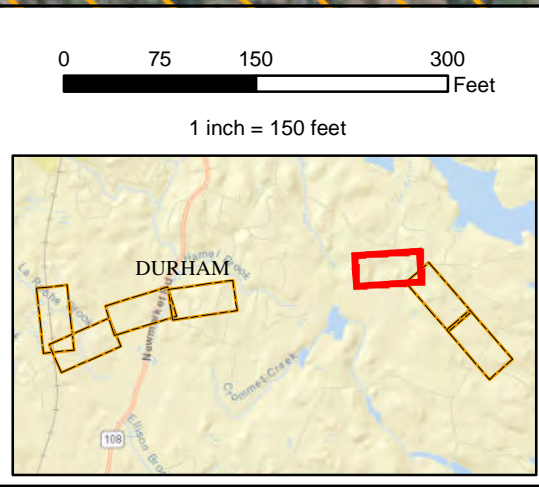
Parcel boundary and owner data were acquired from municipal databases as of October 2017.

The boundaries for the historic sites are from GRANIT. For a more precise depiction of historic site boundaries see the NH DHR Project Area Form in Appendix 10.

Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri

Date : 5/10/2018  
 Drawn By: dpelletier  
 Project No: 22860\_003

Town Boundary	Existing Str (Remain)	Stream Centerline	<b>Structures</b>
Approximate Parcel Boundary	Existing Str (Removed/Modified)	Stream Top of Bank	Direct Embed
PSNH Fee Area	Access Roads	Temporary Culvert	Drilled Pier
Project Corridor	Underground Cable	Stonewall alignment	Relocated Distribution
Work Pad	Silt Curtain	Temporary Mat Bridge	Steep Slope BMPs
<b>Roads</b>	Silt Fence, Hay Bale, Erosion Control Mix Berm	NH DOT Right-of-way	Tree Clearing
Local	Straw Wattle	Historical Sites	Stream Buffer
Not Maintained	Wetland	Designated River Buffer 250'	2ft Contour
Private	Prime Wetland	Conservation Lands	Tidal Buffer Zone
State	Wetland Impact (PERM)	100 Year Floodplain	Highest Observable Tide Line/Reference Line (4ft Contour)
Railroad	Wetland Impact (TEMP)	F107-107 Permitting Structure #s	Mean Lower Low Water
	Wetland Number & Cover Type	F107-107 Proposed Structure #s	Historic District



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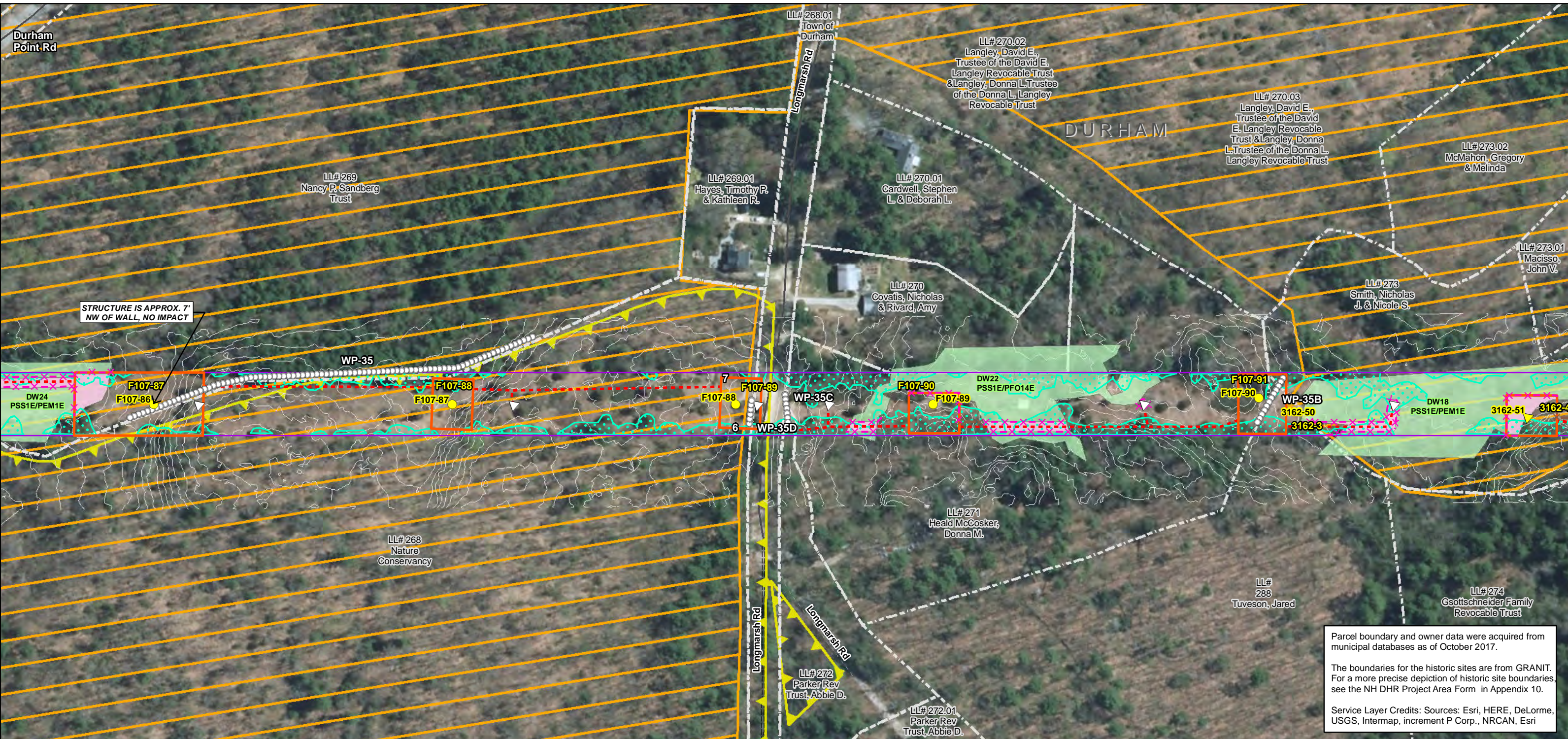
**NORMANDEAU ASSOCIATES**  
 Environmental Consultants

**Seacoast Reliability Project**

**Historic District Stone Wall Maps**

SARAH D. ALLEN  
 No. 083  
 CERTIFIED WETLAND SCIENTIST

9/1/2017

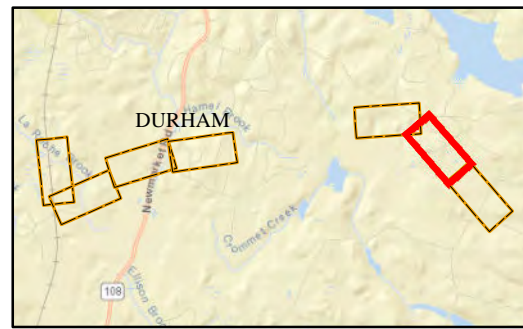
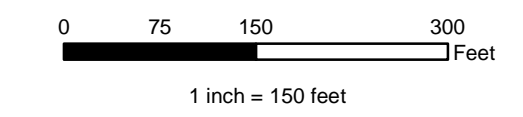


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<p>Date : 5/10/2018</p> <p>Drawn By: dpellelier</p> <p>Project No: 22860_003</p>	<p><b>Town Boundary</b></p> <p><b>Approximate Parcel Boundary</b></p> <p><b>PSNH Fee Area</b></p> <p><b>Project Corridor</b></p> <p><b>Work Pad</b></p> <p><b>Roads</b></p> <p>Local</p> <p>Not Maintained</p> <p>Private</p> <p>State</p> <p>Railroad</p>	<p>Existing Str (Remain)</p> <p>Existing Str (Removed/Modified)</p> <p>Access Roads</p> <p>Underground Cable</p> <p>Silt Curtain</p> <p>Silt Fence, Hay Bale, Erosion Control Mix Berm</p> <p>Straw Wattle</p> <p>Wetland</p> <p>Prime Wetland</p> <p>Wetland Impact (PERM)</p> <p>Wetland Impact (TEMP)</p> <p>Wetland Number &amp; Cover Type</p> <p>DW56 PSS1</p>	<p><b>Stream Centerline</b></p> <p><b>Stream Top of Bank</b></p> <p><b>Temporary Culvert</b></p> <p>Stonewall alignment</p> <p>Temporary Mat Bridge</p> <p>NH DOT Right-of-way</p> <p>Historical Sites</p> <p>Designated River Buffer 250'</p> <p>Conservation Lands</p> <p>100 Year Floodplain</p> <p><b>F107-107 Permitting Structure #s</b></p> <p><b>F107-107 Proposed Structure #s</b></p>	<p><b>Structures</b></p> <p>Direct Embed</p> <p>Drilled Pier</p> <p>Relocated Distribution</p> <p>Steep Slope BMPs</p> <p>Tree Clearing</p> <p>Stream Buffer</p> <p>2ft Contour</p> <p>Tidal Buffer Zone</p> <p>Highest Observable Tide Line/Reference Line (4ft Contour)</p> <p>Mean Lower Low Water</p> <p>Historic District</p>
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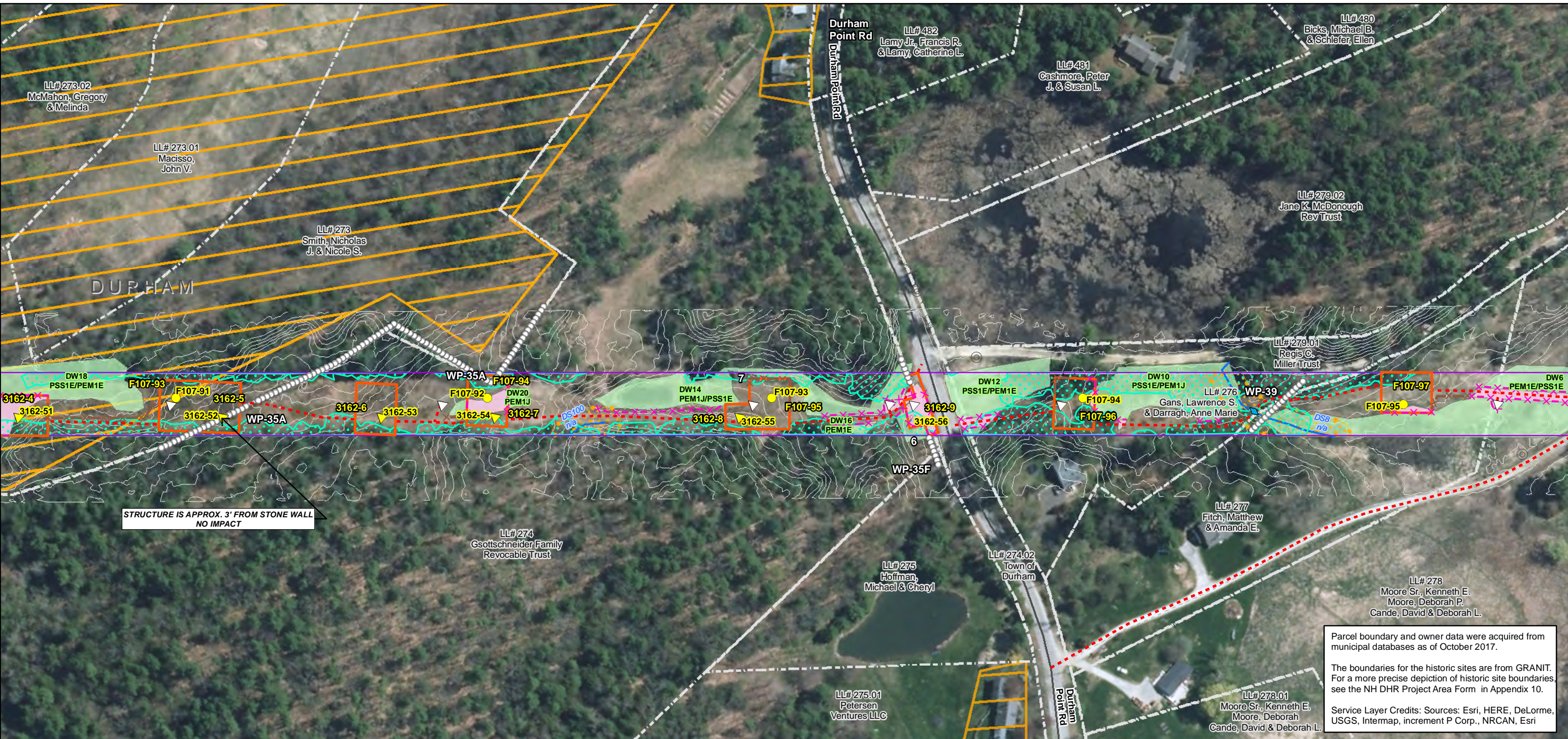


## Seacoast Reliability Project

### Historic District Stone Wall Maps

9/1/2017





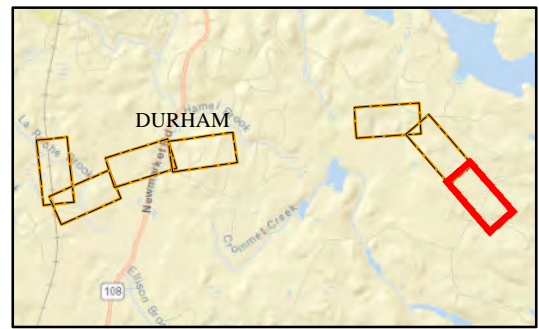
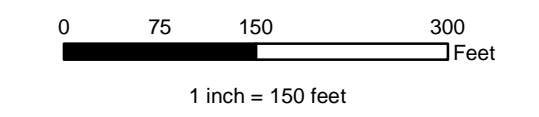
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Date : 5/10/2018  
Project No.: 22860\_003

<p>Drawn By: dpelletier</p> <ul style="list-style-type: none"> <li> Town Boundary</li> <li> Approximate Parcel Boundary</li> <li> PSNH Fee Area</li> <li> Project Corridor</li> <li> Work Pad</li> <li><b>Roads</b></li> <li> Local</li> <li> Not Maintained</li> <li> Private</li> <li> State</li> <li> Railroad</li> </ul>	<ul style="list-style-type: none"> <li> Existing Str (Remain)</li> <li> Existing Str (Removed/Modified)</li> <li> Access Roads</li> <li> Underground Cable</li> <li> Silt Curtain</li> <li> Silt Fence, Hay Bale, Erosion Control Mix Berm</li> <li> Straw Wattle</li> <li> Wetland</li> <li> Prime Wetland</li> <li> Wetland Impact (PERM)</li> <li> Wetland Impact (TEMP)</li> <li> Wetland Number &amp; Cover Type</li> </ul>	<ul style="list-style-type: none"> <li> Stream Centerline</li> <li> Stream Top of Bank</li> <li> Temporary Culvert</li> <li> Stonewall alignment</li> <li> Temporary Mat Bridge</li> <li> NH DOT Right-of-way</li> <li> Historical Sites</li> <li> Designated River Buffer 250'</li> <li> Conservation Lands</li> <li> 100 Year Floodplain</li> </ul>	<p><b>Structures</b></p> <ul style="list-style-type: none"> <li> Direct Embed</li> <li> Drilled Pier</li> <li> Relocated Distribution</li> <li> Steep Slope BMPs</li> <li> Tree Clearing</li> <li> Stream Buffer</li> <li> 2ft Contour</li> <li> Tidal Buffer Zone</li> <li> Highest Observable Tide Line/Reference Line (4ft Contour)</li> <li> Mean Lower Low Water</li> <li> Historic District</li> </ul>
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Environmental Consultants

## Seacoast Reliability Project

### Historic District Stone Wall Maps



9/1/2017

**APPENDIX C:  
TRAINING, MONITORING, UNANTICIPATED DISCOVERY, CURATION AND  
REPATRIATION PLANS**

# Seacoast Reliability Project

Historic Properties Monitoring Plan  
Unanticipated Discovery Plan  
Historic Properties Training Plan  
Curation and Repatriation Plan

Prepared by  
Eversource Energy

May 2, 2018

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## 1. INTRODUCTION

This document contains the Historic Properties Monitoring Plan (“Monitoring Plan”), Unanticipated Discovery Plan (“UDP”), Historic Properties Training Plan (“Training Plan”), and Curation and Repatriation Plan (“CRP”) for the Seacoast Reliability Project (“SRP” or “Project”)

## 2. HISTORIC PROPERTIES MONITORING PLAN

This Historic Properties Monitoring Plan (“Monitoring Plan”) identifies the procedures that Eversource Energy (“Eversource”) and its contractors will follow to ensure the protection of known and previously unidentified historic properties during construction

### 2.1. Plan Integration

The Monitoring Plan is one of several plans that are designed to ensure that historic properties receive appropriate treatment and protection. All personnel engaged in the construction of the Project will receive training in accordance with the *Seacoast Reliability Project Historic Properties Training Plan* (“Training Plan”). The training will provide information about how to proceed in the case of unanticipated discoveries in accordance with the *Seacoast Reliability Project Unanticipated Discovery Plan* (“UDP”). Eversource will also notify construction personnel of any specific actions required under the *Seacoast Reliability Project Memorandum of Agreement* (“MOA”) with the U.S. Army Corps of Engineers (“USACE”) and the New Hampshire Division of Historical Resources (“NH DHR”) and/or *Memorandum of Understanding* (“MOU”) with the NH DHR to protect known historic properties in the areas in which they are working.

### 2.2. Personnel Roles and Responsibilities

The following personnel have roles in implementing the Monitoring Plan during construction. The names and contact information for the supervisory personnel responsible for overseeing and reporting on the progress of the monitoring are provided in Attachment A: List of Responsible Personnel. The List of Responsible Personnel will be updated to reflect any changes in personnel or their contact information at the time the change is made and a revised copy of the list will be distributed to all supervisory personnel involved in the historic properties monitoring program. Multiple roles and responsibilities may be performed by the same individual.

**Cultural Resource Specialist (“CRS”)** – An individual who meets the *Secretary of the Interior’s Professional Qualifications Standards* (36 CFR 61) and applicable state qualification standards who is responsible for implementing the MOA/MOU and its associated plans, including this Monitoring Plan.

**Cultural Liaison** – The cultural liaison supervises the personnel involved in the day-to-day construction monitoring. The cultural liaison will complete the Supervisor Training identified in the Training Plan and will be responsible for ensuring that construction personnel receive the Orientation Training as specified in the Training Plan. The cultural liaison is also responsible for initiating the UDP if potentially significant archeological deposits, human remains, or unanticipated effects to known historic properties are discovered during construction.

**Environmental Monitors** – Eversource will deploy a team of environmental monitors who will report to the cultural liaison and be responsible for overseeing construction and ensuring compliance with the terms of the MOA/MOU and applicable environmental laws.

Environmental monitors will complete the Orientation Training and Supervisor Training identified in the Training Plan. Each environmental monitor will be assigned a manageable section of the transmission line or other component of the Project to be determined by size, extent of construction activity, and the amount of potential natural resources and/or historic properties present. During the Supervisor Training specified in the Training Plan, the environmental monitors will be given information about known historic properties within their assigned section, including any treatments for properties specified in the MOA/MOU. Environmental monitors will be familiar with the construction schedule and will be on-site or on-call during any period when construction is ongoing. The environmental monitor will inform construction crews of any measures that must be implemented in a particular area to avoid or protect known historic properties in accordance with the MOA/MOU, if applicable, and ensure through on-site inspection that any required measures are carried out. If a construction crew reports an unanticipated discovery, the environmental monitor will immediately report the find to the cultural liaison and implement the initial procedures of the UDP.

**Construction Site Supervisor** – During construction, the construction site supervisor will be responsible for implementing any measures identified by the cultural liaison or environmental monitor to avoid or protect historic properties. In the event of an unanticipated discovery, the construction site supervisor will immediately stop work in accordance with the UDP and report the find to the cultural liaison or environmental monitor.

**Qualified Professional Archaeologist (“QPA”)** – An individual who meets the *Secretary of the Interior’s Professional Qualifications Standards* (36 CFR 61) for archaeology. The QPA may fulfill certain responsibilities for monitoring and reporting that are delegated by the CRS and have responsibilities to monitor construction activities specified in the MOA/MOU in sensitive areas or areas known to contain potentially significant archaeological resources or human remains. Prior to entering the field, the QPA must attend the Orientation Training and Supervisor Training described in the Training Plan.

**Qualified Architectural Historian (“QAH”)** – An individual who meets the *Secretary of the Interior’s Professional Qualifications Standards* (36 CFR 61) for architectural history. The QAH may fulfill certain responsibilities for monitoring and reporting that are delegated by the CRS and have responsibilities for monitoring construction activities that have the potential to cause effects to historic architectural resources specified in the MOA/MOU. Prior to entering the field, the QAH must attend the Orientation Training and Supervisor Training described in the Training Plan.

### 2.3. Confidentiality

During Project Orientation Training, Eversource will ensure that the construction team, environmental monitors, CRS, cultural liaison, QPA, QAH, and others acting on its behalf in connection with monitoring and reporting on the Project understand the confidentiality provisions specified in the *NH DHR Standards and Guidelines for Archaeological Investigations in New Hampshire* [Section VIII, C] (2018).

### 3. UNANTICIPATED DISCOVERY PLAN

This Unanticipated Discovery Plan (“UDP”) was prepared for the Seacoast Reliability Project (“SRP” or “Project”). The plan identifies the procedures that Eversource Energy (“Eversource”) and its contractors will follow in the event that any of the following are discovered during construction or other Project-related activities:

1. Potentially significant archaeological deposits;
2. Human remains; or
3. Unanticipated effects upon known historic properties identified in the Project’s Area of Potential Effects (“APE”) during the identification and evaluation stage of the Section 106 process.

In addition, the UDP is consistent with the following federal and state regulations and guidelines pertaining to the discovery of cultural materials and human remains:

- Section 106 of the National Historic Preservation Act of 1966, as amended (“NHPA”, 36 CFR 800);
- Archaeological Resources Protection Act of 1979 (“ARPA”, 43 CFR 7);
- Native American Graves Protection and Repatriation Act (“NAGPRA”, 43 CFR 10);
- Advisory Council on Historic Preservation: *Policy Statement Regarding Treatment of Burial Sites, Human Remains, and Funerary Objects* (Advisory Council, February 23, 2007);
- State of New Hampshire RSA Title XIX, Chapter 227-C: 8a-g, Discovery of Remains, etc.;
- State of New Hampshire RSA Title XXVI, Chapter 289, Cemeteries; and
- New Hampshire Division of Historical Resources (“NH DHR”) *Standards and Guidelines for Archaeological Investigations in New Hampshire* [Section VIII, A, B] (2018).

#### 3.1. Plan Integration

The UDP is one of several plans that are designed to ensure that historic properties receive appropriate treatment and protection. The *Seacoast Reliability Project Historic Properties Monitoring Plan* (“Monitoring Plan”) describes the program that Eversource will implement to monitor construction and other activities that have the potential to impact historic properties. Personnel engaged in the construction of the Project and in-field implementation of the *Seacoast Reliability Project Memorandum of Agreement (“MOA”) with the U.S. Army Corps of Engineers (“USACE”)* and the NH DHR and/or *Memorandum of Understanding (“MOU”)* with the NH DHR will receive training, including instruction on the implementation of this UDP, in accordance with the *Seacoast Reliability Project Historic Properties Training Plan* (“Training Plan”). Artifacts and human remains that constitute unanticipated discoveries will be treated in the manner described in the Curation and Repatriation Plan.

### 3.2. Personnel Roles and Responsibilities

The following Eversource personnel and contractors have supervisory roles in implementing the UDP in the event of an unanticipated discovery during the construction or any other activity associated with the Project during the term the PA is in effect. Multiple roles and responsibilities may be performed by the same individual. Contact information for the supervisory personnel is provided in Attachment A: List of Responsible Personnel.

**Cultural Resource Specialist (“CRS”)**: Individual who meets the *Secretary of the Interior’s Professional Qualifications Standards* (36 CFR 61) and applicable state qualification standards who is responsible for implementing the MOA/MOU and its associated plans, including this UDP in the event of an unanticipated discovery.

**Cultural Liaison**: An individual responsible for day-to-day construction monitoring, including reporting any unanticipated discoveries to the CRS to implement the UDP.

**Environmental Monitor**: An individual who reports to the cultural liaison and are responsible for monitoring a specified section of the Project to protect environmental resources and historic properties during construction.

**Construction Site Supervisor**: An individual responsible for overseeing a construction crew and reporting any unanticipated discovery to the cultural liaison and environmental monitor.

**Qualified Professional Archaeologist (“OPA”)**: An individual who meets the *Secretary of the Interior’s Professional Qualifications Standards* (36 CFR 61) for archaeology and may be brought in to assess or investigate an unanticipated discovery of a potentially significant archaeological site.

**Qualified Architectural Historian (“QAH”)**: An individual who meets the *Secretary of the Interior’s Professional Qualifications Standards* (36 CFR 61) for architectural history and may be brought in to assess or investigate an unanticipated effect on a historic architectural property. This plan also refers to various federal, state, and local agencies that will be contacted if an unanticipated discovery is made. A list of those contacts is contained in Attachment B: Federal, State, and Local Agency Contacts.

### 3.3. Procedures for the Unanticipated Discovery of Cultural Artifacts or Features

Eversource personnel, contractors and environmental monitors will adhere to the following procedures if an unanticipated discovery of cultural artifacts or features is made during construction or other Project-related activities:

1. The construction site supervisor will immediately notify the cultural liaison and halt construction activities within 100 feet of the discovery and direct that all materials are to be left in place, unless they are in immediate jeopardy because of Project activities.
2. The cultural liaison will inform the CRS or, if the CRS is unavailable, the QPA of the find and dispatch the environmental monitor to the site to oversee measures to secure the area from damage or looting. If feasible, a fence or other barrier will be erected to demarcate and protect the discovery area.
3. Within 24 hours of the discovery, the CRS or QPA will notify the NH DHR and the USACE.



4. The CRS or QPA will visit the site to assess, record, and photograph the find and ensure that construction activities have halted, the area of the discovery has been clearly marked, and any other appropriate measures have been implemented to protect the discovery from looting and vandalism and weather-related damage.
5. The CRS or QPA will prepare a written report that describes the location and nature of the discovery and makes recommendations about its potential significance. The CRS will transmit the report to the NH DHR and USACE for review and comment.
6. The NH DHR will make a determination of eligibility and notify the CRS within one week of the submittal of the report.
7. If the NH DHR determines that the discovery constitutes a site that is eligible for listing in the National Register of Historic Places and the Project will have an adverse effect on the characteristic defining elements of the site's significance, Eversource will develop a site-specific treatment plan that provides measures that will be implemented to avoid, minimize, or mitigate the effect. The treatment plan will be submitted to the NH DHR and USACE for approval prior to the recommencement of work within 100 feet of the site.

#### 3.4. Procedures for the Unanticipated Discovery of Human Remains

If human remains are discovered during construction or other Project-related activity, Eversource will implement the following procedures in compliance with New Hampshire RSA Title XIX, Chapter 227-c:8a-g and the NH DHR's *Standards and Guidelines for Archaeological Investigations in New Hampshire* [Section VIII, A] (2018).

1. The construction site supervisor will immediately halt construction activities within 100 feet of the discovery, cover and protect the burial, and notify the cultural liaison.
2. The cultural liaison will notify the CRS of the discovery and dispatch an environmental monitor to the site to oversee the installation of temporary site protection measures (e.g., high visibility warning tape, temporary fencing, and/or signage) around the area to prevent unintentional incursion and potential damage to the remains (see "Provisions for Site Security" below for additional measures that may be needed to protect the burial).
3. The CRS or the cultural liaison will contact the Office of the Chief Medical Examiner ("OCME") and the State Archaeologist at the NH DHR.
4. If the site is declared a recent burial (less than 50 years old) or potential crime scene, the matter will be handled by the OCME and local law enforcement authorities according to the laws governing such sites.
5. If the site is not a crime scene, is more than 50 years old, and the OCME releases responsibility to the State Archaeologist, the CRS will contact the USACE to notify them of the find.

6. The CRS will dispatch the QPA to delineate the extent of the burial and prepare a report of the findings and recommendations on measures that may be taken to avoid impacts to the site.
7. The CRS will submit the report to the NH DHR and USACE along with a description of the measures that will be taken during construction to implement the recommendations to avoid impacts to the site.
8. If it is not feasible to avoid disturbing the human remains, the CRS will draft a site- specific disinterment/re-interment plan according to the following conditions:
  - a. If the human remains are determined to be Native American, the NH DHR is responsible for notifying descendants or specific groups. When the burial is Native American, whether or not the group is federally recognized, RSA 227-C:8-d enjoins the State Archaeologist to immediately notify the leaders, officials, or spokesperson to determine the appropriate treatment of the burial (see also RSA 227-C:8-g).
  - b. If the human remains are not Native American, the State Archaeologist will seek identification of descendants to determine wishes for disposition of the burial (see also RSA 227-C:8-e and 8-g). If analysis of the remains is deemed appropriate, the State Archaeologist will consult with the CRS to develop a scope of work to be performed by a forensic archaeologist or other qualified professional (see RSA 227-C:8-f). The plan will include provisions to re-inter the remains at an alternate location after the completion of the study.

### 3.5. Additional Provisions for Site Security

The CRS, or the QPA acting on behalf of the CRS, will ensure that provisions are made to secure the area containing the human remains to prevent unauthorized entry to the site while their disposition is being determined. It may be necessary to install security fencing with locked gates at the site once the extent of the remains has been established. The fenced area will be large enough to stage and complete the disinterment process, if disinterment will be part of the treatment of the remains. If additional security is warranted, the CRS will consult with the State Archaeologist and implement the measures agreed upon.

### 3.6. Procedures for Unanticipated Effects on Historic Architectural Properties

Eversource personnel, contractors and environmental monitors will adhere to the following procedures if construction or other Project-related activities have the potential to cause unanticipated effects on a historic architectural property:

1. The construction site supervisor will immediately notify the cultural liaison and halt activities in the vicinity of the property.

2. The cultural liaison will inform the CRS or the QAH and dispatch the environmental monitor to the site to oversee measures to secure the property.
3. Within 24 hours of the discovery, the CRS will notify the NH DHR and USACE.
4. The QAH will visit the site to assess, record, and photograph the condition of the property and ensure that measures have been implemented to protect it from any further harm.
5. The QAH will prepare a report that describes any damage or other effects to the property and contains recommendations for measures that may be taken to avoid, minimize, or mitigate any further effects.
6. The CRS will submit the report to the NH DHR and USACE for review.
7. The NH DHR, will consider the effect.
8. If the NH DHR determines that the Project will have an adverse effect on the characteristic defining elements of the property's significance, the NH DHR will request that Eversource develop a site-specific treatment plan that provides measures that will be implemented to avoid, minimize, or mitigate the effect. The treatment plan will be submitted to the NH DHR and USACE for approval prior to the recommencement of work in the vicinity of the property.

### 3.7. Confidentiality

All members of the Eversource construction team will be instructed to keep any information about unanticipated discoveries confidential, limiting communications to the responsible personnel named in this plan.

## 4. HISTORIC PROPERTIES TRAINING PLAN

This Historic Properties Training Plan ("Training Plan") was developed for the Seacoast Reliability Project ("SRP" or "Project"). The plan describes the training program that Eversource Energy ("Eversource") will implement to ensure the protection of historic properties during construction or other Project-related activities. All Eversource personnel and contractors (including new, added, or replaced personnel) engaged in construction in the field or responsible for field implementation of the *Seacoast Reliability Project Memorandum of Agreement ("MOA") with the U.S. Army Corps of Engineers ("USACE") and the New Hampshire Division of Historical Resources ("NH DHR") and/or Memorandum of Understanding ("MOU") with the NH DHR* are required to attend Orientation Training that will include information about the treatment of historic properties during construction. Personnel who have a supervisory role in historic property monitoring and reporting must also receive the Supervisor Training described below.

#### 4.1. Plan Integration

The program described in this Training Plan references the following other plans that have been developed to ensure the protection of historic properties:

- *Seacoast Reliability Project MOA with the USACE and the NH DHR and/or MOU with the NH DHR*: describes measures that will be implemented to avoid, minimize, or mitigate adverse effects on known historic properties within the Project's Area of Potential Effects ("APE").
- *Seacoast Reliability Project Historic Properties Monitoring Plan ("Monitoring Plan")*: describes the program that Eversource will implement to monitor construction and other activities that have the potential to impact historic properties.
- *Seacoast Reliability Project Unanticipated Discovery Plan ("UDP")*: describes the procedures that will be implemented if potentially significant archeological deposits, human remains, or unanticipated effects to known historic properties are discovered during construction.

#### 4.2. Orientation Training

Training for the treatment of historic properties will be part of the Orientation Training (which will also include other topics, such as safety, environmental monitoring, and community relations) that all personnel who will be engaged in construction in the field must complete before going in the field. The Orientation Training will be delivered by an instructor (an Eversource employee or an authorized contractor) who has completed the advanced historic properties training described under Supervisor Training below. The instructor will utilize a PowerPoint presentation that includes slides containing the following topics and information regarding the treatment of historic properties during construction:

- Introduction
  - This training is part of Eversource's commitment and obligation to protect historic properties during construction
  - All personnel have the responsibility to follow procedures put in place to protect historic properties and be mindful that potentially significant archeological deposits, human remains, or unanticipated effects to known historic properties may be discovered during construction
- Federal and State Historic Preservation Laws and Regulations
  - Section 106 of the National Historic Preservation Act of 1966, as amended (36 CFR 800)
    - requires federal agencies to take into account the effects of their undertakings on historic properties and establishes a consultation process involving federal, state, and local agencies, Native American tribes, interested individuals and organizations, and the general public to resolve adverse effects

- New Hampshire Revised Statutes Annotated (RSA) Title XIX, Chapter 227-C:9
  - requires New Hampshire state agencies to cooperate with the New Hampshire Division of Historical Resources (“NH DHR”) on all state licensed, assisted, or contracted projects, activities, or programs so that the division may determine the effect of such undertakings on historic resources
- Known Historic Properties within the SRP APE
  - Archaeological and historic architectural resources
    - Archaeological sites, pre-contact and post-contact
    - Historic architectural properties, e.g., individual buildings and structures, farmsteads, cemeteries, and districts
- Resolution of Adverse Effect
  - MOA/MOU identifies the actions and procedures that Eversource will undertake to avoid, minimize, or mitigate adverse effects to known historic properties
    - MOA/MOU may specify site controls or construction procedures that construction crews must implement to protect a particular historic property during construction
  - Monitoring Plan specifies the procedures and identifies persons responsible for monitoring construction and reporting progress
- Unanticipated Discoveries
  - Types of resources that could be encountered during construction, with examples of pre- and post-contact artifacts and features
  - Unanticipated Discovery Plan (“UDP”) identifies procedures that must be followed if potentially significant archeological deposits, human remains, or unanticipated effects to known historic properties are discovered during construction
    - Stop all work within 100 feet of the find
    - Notify the site supervisor or foreman
    - Supervisor notifies the cultural liaison
    - Cultural liaison dispatches an environmental monitor to inspect the site and notifies the Eversource Cultural Resource Specialist (“CRS”) who implements the remaining procedures of the UDP
- Confidentiality
  - The location of archaeological sites is sensitive information that is protected under state and federal laws
  - All Eversource construction personnel and contractors are expected keep confidential the location of any archaeological sites, burial sites, or

reburials, as well as certain types of locational information for privately owned historic properties.

- Contact Information
  - Cultural liaison
  - CRS

#### 4.3. Supervisor Training

In addition to completing the Orientation Training, Eversource personnel and contractors who have a defined role in the aforementioned plans, including the Monitoring Plan and the UDP, must complete supervisor training. The Supervisor Training will be provided to, at a minimum, the cultural liaison, environmental monitors, tribal monitors, and qualified professional archaeologists and architectural historians as identified in the Monitoring Plan. The Supervisor Training will be conducted by the CRS or a cultural resource management contractor who meets the *Secretary of the Interior's Professional Qualifications Standards* (36 CFR 61) and applicable state qualifications standards. The training will be tailored to the role of the personnel and will provide specific information about the reporting requirements and procedures that must be followed to properly implement the plans.

The following general information will be covered or each personnel category to receive Supervisor Training:

**Cultural Liaison** – The responsibilities of the cultural liaison include supervising the personnel involved in the day-to-day construction monitoring and implementing the UDP if potentially significant archeological deposits, human remains, or unanticipated effects to known historic properties are discovered. The CRS will work one-on-one with the cultural liaison to establish the appropriate reporting procedures and ensure that the cultural liaison is fully aware of his or her responsibilities for implementing the plans, including the UDP and the Monitoring Plan.

**Environmental Monitors** – The responsibilities of the environmental monitors include ensuring that known historic properties are treated in the manner specified in the MOA/MOU, implementing initial measures to protect any unanticipated discoveries found during construction, and reporting to the cultural liaison on the progress of their monitoring. Their training will include information about known historic properties within the section of the Project for which they are responsible, any measures that must be implemented to protect those properties according to the MOA/MOU, and the proper materials and techniques for securing and protecting unanticipated discoveries.

**Qualified Professional Archaeologist (“OPA”) and Qualified Architectural Historian (“OAH”)** – Tribal monitors, the QPA, and the QAH who may have a role in monitoring construction at specific sites will be trained in the requirements of any treatment plans that may be in place for a specific site, as well as the provisions of the UDP and Monitoring Plan, as appropriate.

#### 4.4. Training Schedule

The Orientation Training will commence in the period immediately before construction begins and continue to be held no less than weekly until all personnel initially engaged in construction have received the training. Thereafter, training will be conducted on an as-needed basis. The

Supervisor Training for the personnel involved in day-to-day construction monitoring will be conducted before those personnel are deployed.

## 5. CURATION AND REPATRIATION PLAN

This Curation and Repatriation Plan (“CRP”) was prepared for the Seacoast Reliability Project (“SRP” or “Project”). The plan identifies the procedures that Eversource Energy (“Eversource”) and its contractors will follow for the curation and repatriation of artifacts, human remains, and for the associated documentation resulting from the Project.

The CRP is consistent with the following federal and state regulations and guidelines:

- Section 106 of the National Historic Preservation Act of 1966, as amended (“NHPA”, 36 CFR Part 800);
- Archaeological Resources Protection Act of 1979 (“ARPA”, 43 CFR Part 7);
- Native American Graves Protection and Repatriation Act (“NAGPRA”, 43 CFR Part 10);
- Advisory Council on Historic Preservation: *Policy Statement Regarding Treatment of Burial Sites, Human Remains, and Funerary Objects*, Advisory Council February 23, 2007);
- National Park Service: *Curation of Federally-Owned and Administered Archaeological Collections* (36 CFR 79);
- State of New Hampshire RSA Title XIX, Chapter 227-C: 8a-g, Discovery of Remains, etc.;
- State of New Hampshire RSA Title XXVI, Chapter 289, Cemeteries; and
- New Hampshire Division of Historical Resources (“NH DHR”) *Standards and Guidelines for Archaeological Investigations in New Hampshire* [Section VIII, A, B] (2018) and *Curation Guidelines* (n.d.)<sup>1</sup>.

### 5.1. Plan Integration

The CRP will operate in conjunction with several other plans that are designed to ensure that historic properties receive appropriate treatment and protection. The *Seacoast Reliability Project Memorandum of Agreement (“MOA”) with the U.S. Army Corps of Engineers (“USACE”) and the NH DHR and/or Memorandum of Understanding (“MOU”) with the NH DHR* describes measures that will be implemented to avoid, minimize, or mitigate adverse effects on known historic properties within the Project’s Area of Potential Effects (“APE”). The *Seacoast Reliability Project Unanticipated Discovery Plan (“UDP”)* describes the procedures that Eversource and its contractors will follow if potentially significant archeological deposits, human remains, or unanticipated effects to known historic properties are discovered during construction. The *Seacoast Reliability Project Historic Properties Monitoring Plan (“Monitoring Plan”)* describes the program that Eversource will implement to monitor construction and other activities that have the potential to impact historic properties. Personnel engaged in the construction of the Project

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<sup>1</sup> NH DHR’s curation guidelines are available online at <https://www.nh.gov/nhdhr/review/archaeology.htm>.

will receive training in accordance with the *Seacoast Reliability Project Historic Properties Training Plan* ("Training Plan").

## 5.2. Personnel Roles and Responsibilities

The following Eversource personnel have supervisory roles in implementing the CRP during the Project. Contact information for the supervisory personnel is provided in the "List of Responsible Personnel" in Attachment A.

**Cultural Resource Specialist ("CRS")**: An individual meeting the *Secretary of the Interior's Professional Qualifications Standards* (36 CFR 61) and applicable state qualification standards who is responsible for implementing the MOA/MOU and the associated plans, including this CRP.

**Qualified Museum Professional ("OMP")**: An Individual who meets *The Secretary of the Interior's Professional Qualifications Standards* (36 CFR 61) for Archaeologists and the Museum Professional qualifications set forth in *Curation of Federally-Owned and Administered Archaeological Collections* (36 CFR 79).

Contact information for the individuals at federal and state agencies who have a role in the implementation of the CRP is provided in Attachment B.

## 5.3. Procedures for the Curation of Artifacts from Private Lands

Artifacts and associated documentation generated from excavations on private lands will be processed and packaged by the QMP in accordance with 36 CFR 79 regulations for the treatment of federally-owned collections and NH DHR's curation guidelines. The final disposition of the materials will be determined as follows:

1. All artifacts recovered from private land in New Hampshire belong to the private property owner as per NH DHR's *Standards and Guidelines for Archaeological Investigations in New Hampshire, Section VI.B*.
2. Ownership of the artifacts will be established using current assessor's data for the property(s) from which the artifacts were recovered.
3. When artifacts are recovered, Eversource will notify in writing by certified mail the owner of the property where the artifacts were recovered and inquire if the owner would like to keep the artifacts or donate them to the NH DHR.
  - a. If the property owner chooses to donate the artifacts to the NH DHR, Eversource will provide a written transfer-of-title from the landowner to the State of New Hampshire for signature by both parties.
  - b. If the property owner requests the artifacts be returned to him/her, the QMP will prepare the appropriate deaccession paperwork for Eversource to provide to the property owner for signature.
  - c. If the property owner does not respond to the artifact disposition inquiry within 45 days of receipt of the initial inquiry letter, a second letter will be sent by certified mail. If the property owner does not respond within 45 days of the receipt of the second letter, the artifacts will revert to the custody of the NH DHR.



4. For artifacts donated or not claimed by private property owners, the QMP will contact the State Archaeologist to request the deaccession and permanent curation of the remaining materials to NH DHR's collections facility at 99 Airport Road in Concord. The request will include:
  - a. Number and type of archaeological artifacts present in the collection<sup>2</sup>
  - b. Total number of archival storage boxes
  - c. Total amount of associated documentation.
5. All original site and artifact documentation generated in the field and laboratory, including data forms, maps, photographs, and any documentation relevant to the ownership of the collections, will be included with the collection for permanent curation at the NH DHR collections facility.
6. Once the disposition of the collections has been finalized, Eversource will arrange for delivery of the artifacts to individual landowners (as requested) and the remaining collection – including all original site and artifact documentation – to the NH DHR collections facility.
7. Eversource is responsible for the permanent curation costs at the NH DHR collections facility in accordance with NH DHR's cost of \$300 per archival storage box or NH DHR's permanent curation fees at the time of the collections transfer.
8. At Project construction and, as necessitated by unanticipated discoveries thereafter, Eversource will provide NH DHR with a report summarizing the final disposition of all archaeological materials with associated transfer-of-title and deaccession

#### 5.4. Procedures for the Re-interment of Human Remains from Non-Federal Lands

The re-internment of human remains on private lands is the responsibility of the State Archaeologist, and Eversource will adhere to the protocols in the UDP to include provisions for the temporary custody of the remains while their final disposition is being determined. If previously-unidentified human remains are found in an existing archaeological collection recovered from private land within the Project, the QMP will immediately notify the State Archaeologist who is responsible for initiating the notification and consultation process detailed in the UDP to include arrangements for the temporary custody of the remains while their final disposition is being determined.

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<sup>2</sup> The NH DHR curation facility will only accept artifacts recovered from defined archaeological sites. Artifacts collected from non-site contexts (e.g. materials collected from fill or functionally and temporally undifferentiated field scatter) will be disposed of in consultation with the State Archaeologist.

## ATTACHMENT A: LIST OF RESPONSIBLE PERSONNEL

### **Cultural Resource Specialist (“CRS”)**

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist  
Eversource  
13 Legends Drive  
Hooksett, NH 03106  
603-634-2147  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

### **Cultural Liaison**

Personnel TBD

### **Environmental Monitors**

Personnel TBD

### **Tribal Monitors**

TBD, if necessary

### **Qualified Professional Archaeologist (“QPA”)**

Personnel TBD

### **Qualified Professional Architectural Historian (“QAH”)**

Personnel TBD

### **Qualified Museum Professional (“QMP”)**

Personnel TBD

## **ATTACHMENT B: FEDERAL AND STATE AGENCY CONTACTS**

### **Federal Agency Contacts**

United States Army Corps of Engineers (“USACE”)  
New England District, Regulatory Division  
Lindsey Lefebvre, Project Manager  
696 Virginia Road Concord,  
MA 01742-2751 (978) 318-8338  
[Lindsey.E.Lefebvre@usace.army.mil](mailto:Lindsey.E.Lefebvre@usace.army.mil)

### **New Hampshire State Contacts**

Office of the Chief Medical Examiner (“OCME”)  
246 Pleasant Street, Suite 218  
Concord, NH 03301-2598  
Telephone: (603) 271-1235

State Historic Preservation Office (SHPO)  
Richard Boisvert  
Deputy State Historic Preservation Officer/State Archaeologist  
19 Pillsbury Street - 2nd floor  
Concord, NH 03301-3570 (603)  
271-6433  
[Richard.Boisvert@dcnr.nh.gov](mailto:Richard.Boisvert@dcnr.nh.gov)

**From:** Miller, Nadine <Nadine.Miller@dncr.nh.gov>  
**Sent:** Thursday, June 07, 2018 11:48 AM  
**To:** Doperalski, Mark; Boisvert, Richard A  
**Subject:** RE: SRP - DRAFT MOU for your review

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Got it..thanks!  
Nadine

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Nadine Miller  
Preservation Project Reviewer  
NH Division of Historical Resources  
NH Department of Natural and Cultural Resources  
603-271-6628  
[www.nh.gov/nhdhr](http://www.nh.gov/nhdhr)

*Working together to preserve and celebrate New Hampshire's irreplaceable historic resources.*

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**From:** Doperalski, Mark [<mailto:mark.doperalski@eversource.com>]  
**Sent:** Thursday, June 7, 2018 10:46 AM  
**To:** Miller, Nadine; Boisvert, Richard A  
**Subject:** SRP - DRAFT MOU for your review

Hi Dick and Nadine,

I have attached for your review, a draft of the SRP MOU between the DHR and Eversource. A hard copy of the draft document can be provided upon request. Because the file size of the attached document is somewhat large, please let me know once you've received this email.

Lindsey at the USACE stated earlier this week that the draft MOA among the USACE, DHR, and Eversource (to be appendix A of the attached MOU) should be sent out for our review still this week.

Please let me know if you have any questions or concerns.

Eversource looks forward to receiving the DHR's comments.

Thank you,

Mark

Mark Doperalski, M.A., RPA  
Cultural Resources Specialist

**EVERSOURCE**

13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

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**From:** Doperalski, Mark <mark.doperalski@eversource.com>  
**Sent:** Friday, June 08, 2018 8:59 AM  
**To:** Miller, Nadine  
**Cc:** Boisvert, Richard A  
**Subject:** SRP Transition Structure at the Frink Farm  
**Attachments:** Exhibit 20A\_Monopole-revised April 28 2017.pdf

Hi Nadine,

The design of the SRP transition structure located at the Frink Farm has been changed from a three-pole structure to a monopole structure pursuant to the preferences of the Town of Newington (as represented by Dennis Hebert) and the Frink Family, the only two consulting parties participating in the Section 106 Process. A view simulation of the monopole has been attached for your records.

Please let us know if the DHR has any questions or concerns.

Thank you,

Mark

**Mark Doperalski, M.A., RPA**  
**Cultural Resources Specialist**

**EVERSOURCE**  
13 Legends Drive  
Hooksett, NH 03106  
603.479.1088 (cell)  
603.634.2147 (office)  
[mark.doperalski@eversource.com](mailto:mark.doperalski@eversource.com)

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View Location Map



**Simulation Information**

**Base Photograph**

Date: 7/31/15  
 Time: 5:09 pm  
 Weather conditions: Partly cloudy  
 Image Size: 5472 x 3648 pixels

**Camera Properties**

Camera Make/Model: Canon EOS 6D  
 Sensor Dimensions: 35.8mm x 23.9mm  
 Lens Make/Model: Canon EF 50mm  
 Lens Focal Length: 50mm  
 Focal Length (35mm Equivalent): 52mm  
 Approx. Angle of View: 40° horizontal, 27° vertical  
 Camera Height: 5 ft (1.5 meters)

**View Location Information**

View Location Name: Frink Property  
 Location: Nimble Hill Rd & Hannah Ln, Newington, NH  
 Orientation: West  
 Latitude/Longitude: 43.101704°, -70.832699°  
 Camera elevation above sea level: 69.00 ft (21.03 m)  
 Simulation viewing distance: 21.3 in (54.102 cm)  
 Distance to nearest visible structure: .27 miles (.43 km)  
 Distance to furthest visible structure: .59 miles (.95 km)

**Transmission Line Information**

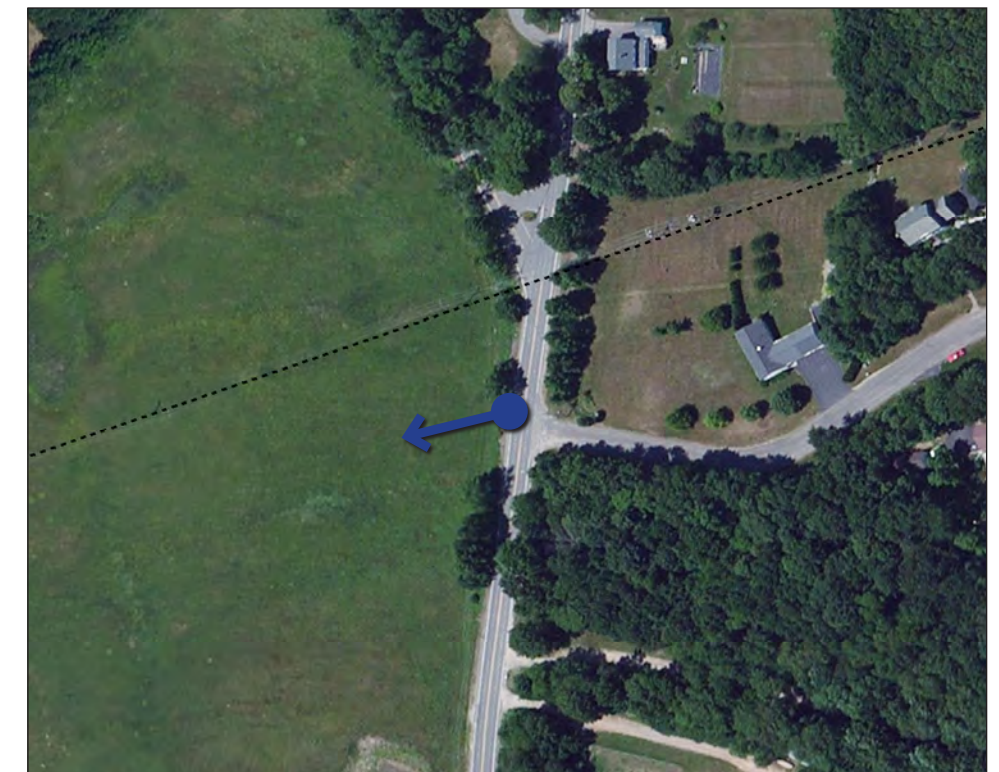
Visible structure type: Weathering steel Monopole and H-Frame  
 Visible structure numbers: F107-106 - F107-109  
 Height range of proposed transmission structures (visible): 65.0 ft (19.8 m) - 75.0 ft (22.8 m)  
 Height range of existing transmission structures (visible): N/A  
 Right of way width: 100 ft

**Visual Simulation Notes:**

1. Visual simulation is based on GIS data available at the time from USGS National Elevation Data Set and Eversource. Data is only as accurate as the original source and is not guaranteed by LandWorks.
2. Simulation is based upon a preliminary design. Exact structure height, location and color will be finalized during the detail design and permitting process.

**Technical Information**

Software: ArcGIS ArcMap 10; Nemetschek VectorWorks 2015; SketchUp Pro 8; Adobe Photoshop CS5  
 Digital elevation data source: USGS National Elevation Dataset 1/3 Arc-Second (NED 1/3)



Aerial Context Map





(SHEET 2 OF 3)  
**EXHIBIT 20A: EXISTING CONDITIONS AT FRINK FARM AT NIMBLE HILL ROAD & HANNAH LANE, NEWINGTON, NH**  
SEACOAST RELIABILITY PROJECT VISUAL ASSESSMENT  
April 2017





**NORMANDEAU ASSOCIATES, INC.**  
**ENVIRONMENTAL CONSULTANTS**

25 NASHUA ROAD, BEDFORD, NEW HAMPSIRE 03110-5500  
 (603) 472-5191

**LETTER OF TRANSMITTAL**

TO \_\_\_\_\_  
 \_\_\_\_\_  
 NH DNR  
 19 Pillsbury St  
 \_\_\_\_\_  
 Concord, NH 03301  
 \_\_\_\_\_

DATE 6/8/18	JOB NO.
ATTENTION	
RE: Seacoast Reliability Project	

**WE ARE SENDING YOU:**     Attached             Under separate cover via \_\_\_\_\_ the following items:

Shop Drawings             Prints                     Plans             Samples             Specifications

Copy of letter             Change order             \_\_\_\_\_

COPIES	DATE	NO.	DESCRIPTION
1		1	Desk Review, Laydown Yard, Durham, NH

**THESE ARE TRANSMITTED as checked below:**

\_\_\_\_\_ For acceptance            \_\_\_\_\_ Accepted as submitted            \_\_\_\_\_ Resubmit \_\_\_\_\_ copies for acceptance

For your use                    \_\_\_\_\_ Accepted as noted                    \_\_\_\_\_ Submit \_\_\_\_\_ copies for distribution

\_\_\_\_\_ As requested                    \_\_\_\_\_ Returned for corrections                    \_\_\_\_\_ Return \_\_\_\_\_ corrected prints

\_\_\_\_\_ For review and comment

FOR BIDS DUE: \_\_\_\_\_ 20 \_\_\_\_\_ PRINTS RETURNED AFTER LOAN TO US

REMARKS \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

COPY TO: \_\_\_\_\_

Signed Sarah Allen