

NH DES WETLANDS BUREAU DREDGE & FILL APPLICATION

Cate Street Portsmouth, New Hampshire January 2019

Prepared By

Gove Environmental Services, Inc. 8 Continental Dr Bldg 2 Unit H, Exeter, NH 03833-7526 Ph (603) 778 0644 / Fax (603) 778 0654 info@gesinc.biz / www.gesinc.biz

NHDES-W-06-012



WETLANDS PERMIT APPLICATION

Water Division/ Wetlands Bureau Land Resources Management Check the status of your application: www.des.nh.gov/onestop



RSA/Rule: RSA 482-A/	Env-Wt 100-900

				File No.:	
Administrative	Administrative	Aa		Check No.:	
Use Only	Use Only		Use Only	Amount:	
,	,		,	Initials:	
1. REVIEW TIME: Indicate your Revi	ew Time below. To determine revie	ew time, refer t	to <u>Guidance Docume</u>	nt A for instructions.	
☐ Standard Review (Minimum	, Minor or Major Impact)	E	xpedited Review (Min	nimum Impact only)	
2. MITIGATION REQUIREMENT: If mitigation is required a Mitigation-Pre Application meeting must occur prior to submitting this Wetlands Permit Application. To determine if Mitigation is Required, please refer to the Determine if Mitigation is Required Frequently Asked Question.					
Mitigation Pre-Application Mee ⊠ N/A - Mitigation is not requi	ting Date: Month: Day: \ red	Year:			
3. PROJECT LOCATION: Separate wetland permit applications	must be submitted for each munici	pality that wet	land impacts occur w	ithin.	
ADDRESS: Cate St			TOWN/C	ITY: Portsmouth	
TAX MAP: 172, 173, 165, 163	BLOCK:	LOT: 1 ,	2, 2, 33 & 34	UNIT:	
USGS TOPO MAP WATERBODY NAME:	Hodgson Brook	□ NA	STREAM WATERSHE	D SIZE: 2,135 acres NA	
LOCATION COORDINATES (If known):)	K:1222404 Y:208809		☐ Latitude/Longitude	☐ UTM ⊠ State Plane	
 4. PROJECT DESCRIPTION: Provide a brief description of the project outlining the scope of work. Attach additional sheets as needed to provide a detailed explanation of your project. DO NOT reply "See Attached" in the space provided below. The proposed project looks to re-develop the existing lots listed above for residential living space in the form of both multi level apartments as well as town homes. The proposed project also addresses the lack of stormwater management currently onsite as well as work to remove Japanese knot weed established on the bank of Hodgson Brook. All work requiring the wetland permit will be done in the bank and will not take place within the Brook. 					
5. SHORELINE FRONTAGE:					
NA This does not have shoreline	frontage. SHORE	LINE FRONTA	AGE:		
Shoreline frontage is calculated by determining the average of the distances of the actual natural navigable shoreline frontage and a straight line drawn between the property lines, both of which are measured at the normal high water line.					
6. RELATED NHDES LAND RESOURCES MANAGEMENT PERMIT APPLICATIONS ASSOCIATED WITH THIS PROJECT: Please indicate if any of the following permit applications are required and, if required, the status of the application. To determine if other Land Resources Management Permits are required, refer to the Land Resources Management Web Page.					
Permit Type	Permit Required	File Numbe	r Permit Applic	cation Status	
Alteration of Terrain Permit Per RSA 4 Individual Sewerage Disposal per RSA Subdivision Approval Per RSA 485-A Shoreland Permit Per RSA 483-B			APPROVE APPROVE APPROVE APPROVE	ED PENDING DENIED ED PENDING DENIED	
7. NATURAL HERITAGE BUREAU & DESIGNATED RIVERS: See the Instructions & Required Attachments document for instructions to complete a & b below.					
 a. Natural Heritage Bureau File ID: NHB 18 - 2790 b. Designated River the project is in ¼ miles of:; and date a copy of the application was sent to the Local River Management Advisory Committee: Month: Day: Year: N/A 					

8. APPLICANT INFORMATION (Desired permit holde	r)	·:	·		
LAST NAME, FIRST NAME, M.I.: Jay Bisognano			•		
TRUST / COMPANY NAME: Cate Street Development L	LC.	AILING AE	DRESS: 601	Street	·
TOWN/CITY: Boston				STATE; MA	ZIP CODE: 02127
EMAIL or FAX: jb@torprops.com		PHONE	978-490-	5278	
ELECTRONIC COMMUNICATION: By initialing here:electronically.	, I hereby autho	ize NHDES	to communic	ate all matters	relative to this application
9. PROPERTY OWNER INFORMATION (If different the	an applicant)				
LAST NAME, FIRST NAME, M.I.:					
TRUST / COMPANY NAME:	N	AILING AD	DRESS:		
TOWN/CITY:				STATE:	ZIP CODE:
EMAIL or FAX:			PHONE:		
ELECTRONIC COMMUNICATION: By initialing here electronically.	l hereby authori	ze NHDES	to communica	ate all matters r	elative to this application
10. AUTHORIZED AGENT INFORMATION					
LAST NAME, FIRST NAME, M.I.: Walden, Brenden, M	· .				invironmental Services
MAILING ADDRESS: 8 Continental Dr. Bidg 2, Unit H	l .				
TOWN/CITY: Exeter	PPS-U-S-MIRTH HAPMEN			STATE; NH	ZIP CODE: 03833
EMAIL or FAX: bwalden@gesinc.biz	F	HONE: 60	3-778-064	4	-
ELECTRONIC COMMUNICATION: By initialing here, electronically.	I hereby authori	ze NHDES	to communica	ate all matters r	elative to this application
11. PROPERTY OWNER SIGNATURE: See the instructions & Required Attachments document for	or clanification	of the belo	w statement	s 7	
By signing the application, I am certifying that:				<u> </u>	23.00 4.00 <u>38.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00</u>
 I authorize the applicant and/or agent indicated on upon request, supplemental information in support I have reviewed and submitted information & attact All abutters have been identified in accordance with I have read and provided the required information of I have read and understand Env-Wt 302.03 and had Any structure that I am proposing to repair/replace grandfathered per Env-Wt 101.47. I have submitted a Request for Project Review (RP (SHPO) at the NH Division of Historical Resources with the lead federal agency for NHPA 106 compile I authorize NHDES and the municipal conservation I have reviewed the information being submitted an I understand that the willful submission of falsified of Environmental Services is a criminal act, which ma I am aware that the work I am proposing may requi The mailing addresses I have provided are up to deforward returned mail 	of this permit and an entropy of the permit	application I in the Ins I and Env Wt 302.04 least impa viously per Inh.gov/nl presence Inspect the est of my leted inform I action. ate, local	structions and v-Wt 100-90 of for the applicating alternation by the additional of historical of the strowledge the ation to the later peeps and the strowledge the ation to the strowledge the strowledge the ation the strowledge the ation to the strowledge the ation to the strowledge the st	d Required A 0. licable project ative. e Wetlands B to the NH State archeological e proposed	ttachment document. It type. ureau or would be considered ate Historic Preservation Officer I resources while coordinating oject. is true and accurate. ire Department of am responsible for obtaining.
	Jay Bi	sogna	no	01	12812619
Property Owner Signature	Print name legi				ate

MUNICIPAL SIGNATURES

12. CONSERVATION COMMISSION SIGNATURE

The signature below certifies that the municipal conservation commission has reviewed this application, and:

- 1. Waives its right to intervene per RSA 482-A:11;
- 2. Believes that the application and submitted plans accurately represent the proposed project; and
- 3. Has no objection to permitting the proposed work.

	N.
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Print name legibly

Date

DIRECTIONS FOR CONSERVATION COMMISSION

- 1. Expedited review ONLY requires that the conservation commission's signature is obtained in the space above.
- 2. Expedited review requires the Conservation Commission signature be obtained **prior** to the submittal of the original application to the Town/City Clerk for signature.
- 3. The Conservation Commission may refuse to sign. If the Conservation Commission does not sign this statement for any reason, the application is not eligible for expedited review and the application will be reviewed in the standard review time frame.

13. TOWN / CITY CLERK SIGNATURE

As required by Chapter 482-A:3 (amended 2014), I hereby certify that the applicant has filed four application forms, four detailed plans, and four USGS location maps with the town/city indicated below.



Town/City Clerk Signature

Print name legibly

Town/City

Date

DIRECTIONS FOR TOWN/CITY CLERK:

Per RSA 482-A:3,I

- 1. For applications where "Expedited Review" is checked on page 1, if the Conservation Commission signature is not present, NHDES will accept the permit application, but it will NOT receive the expedited review time.
- 2. IMMEDIATELY sign the original application form and four copies in the signature space provided above;
- 3. Return the signed original application form and attachments to the applicant so that the applicant may submit the application form and attachments to NHDES by mail or hand delivery.
- 4. IMMEDIATELY distribute a copy of the application with one complete set of attachments to each of the following bodies: the municipal Conservation Commission, the local governing body (Board of Selectmen or Town/City Council), and the Planning Board; and
- 5. Retain one copy of the application form and one complete set of attachments and make them reasonably accessible for public review.

DIRECTIONS FOR APPLICANT:

1. Submit the single, original permit application form bearing the signature of the Town/ City Clerk, additional materials, and the application fee to NHDES by mail or hand delivery.

after the project is complete.			
PERMANENT Sq. Ft. / Lin. Ft.		TEMPORARY Sq. Ft. / Lin. Ft.	
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	ATF		ATF
	ATF		ATF
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	ATF		ATF
1	ATF	I	ATF
1	ATF	I	ATF
1	ATF	I	ATF
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pp 5		· · · · · · · · · · · · · · · · · · ·	
ation Fee is the above calculated T	otal or \$200, whi		
	pafter the project is complete. premain (and will be restored to present to	after the project is complete. PERMANENT Sq. Ft. / Lin. Ft. 1363	PERMANENT Sq. Ft. / Lin. Ft. 1363

NHDES-W-06-013



WETLANDS PERMIT APPLICATION – ATTACHMENT A MINOR AND MAJOR - 20 QUESTIONS

Land Resources Management Wetlands Bureau





RSA/ Rule: RSA 482-A, Env-Wt 100-900

1. The need for the proposed impact.

<u>Env-Wt 302.04 Requirements for Application Evaluation</u> - For any major or minor project, the applicant shall demonstrate by plan and example that the following factors have been considered in the project's design in assessing the impact of the proposed project to areas and environments under the department's jurisdiction. Respond with statements demonstrating:

The proposed impacts to the bank of Hodgson Brook are for two reasons. 1. To remove the Japanese knot weed that is established within the bank, the bank will then be graded appropriately and planted with native species to ensure the bank is stabilized. The second reason is to help with water quality. Currently the water either sheet flows across the site which is almost entirely impervious surface or it is caught in the existing storm drains in a couple of areas and put directly into a pipe. In both cases the water is discharged directly into the Brook without any kind of treatment. The proposed impact looks to remove two culverts from the bank as well as to remove ares with established invasive species, impacts within the bank will also include the installation of a treatment swale for stormwater.

2. That the alternative proposed by the applicant is the one with the least impact to wetlands or surface waters on site.

Due to Japanese knot weed's extreme tendencies to survive through treatments either through covering for years or pesticides (which the applicant does not wish to use so close to Hodgson brook) it is our professional opinion that to dig it up would be the best way to manage it. This will be done in conjunction with the additional removal of debris along the bank. For the location of the detention basin, with the least minimizing impact to the bank, it is located as close to the existing roadway as possible.

3. The type and classification of the wetlands involved.
Resource area: R2UB1
Note: The impact areas will not enter the resource area but will remain confined to the bank of Hodgson Brook
4. The relationship of the proposed wetlands to be impacted relative to nearby wetlands and surface waters.
Hodgson Brook flows into North Mill Pond which is connected to the Piscataqua River. The proposed work will benefit the water
quality as well as help to establish more native fauna along the bank.
5. The rarity of the wetland, surface water, sand dunes, or tidal buffer zone area.
Since Hodgson Brook is considered disturbed and not a natural stream channel it is not considered a rare wetland in southern NH.
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7. The impact on plants, fish and wildlife including, but not limited to:
a. Rare, special concern species;
b. State and federally listed threatened and endangered species;
c. Species at the extremities of their ranges;
d. Migratory fish and wildlife;
e. Exemplary natural communities identified by the DRED-NHB; and
f. Vernal pools.
No rare, endangered, threatened or species of special concern will be impacted negatively by the proposed impacts.
8. The impact of the proposed project on public commerce, navigation and recreation.
The proposed Re-development will effectively provide more residential living for the city of Portsmouth in the form of multilevel apartments as well as town houses, as well as construction related jobs. The proposed development will also construct a trail along Hodgson Brook. There will also be a building within the proposed Re-development that will be available for retail and small business.
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10. The extent to which a project interferes with or obstructs public rights of passage or access. For example, where the applicant proposes to construct a dock in a narrow channel, the applicant shall be required to document the extent to which the dock would block or interfere with the passage through this area.
The proposed project and work being done within the bank is on privet land and will not obstruct any public right of ways.
44. The investment of the second of the seco
11. The impact upon abutting owners pursuant to RSA 482-A:11, II. For example, if an applicant is proposing to rip-rap a stream, the applicant shall be required to document the effect of such work on upstream and downstream abutting properties.
There will be no negative impacts to the abutters surrounding the project. 12. The benefit of a project to the health, safety, and well being of the general public.
There is no known net benefit or detriment to the health, safety, and wellbeing of the public.

13. The impact of a proposed project on quantity or quality of surface and ground water. For example, where an applicant proposes to fill wetlands the applicant shall be required to document the impact of the proposed fill on the amount of drainage entering the site versus the amount of drainage exiting the site and the difference in the quality of water entering and exiting the site.					
The site in its current condition has next to no control on the stormwater that enters Hodgson Brook and there are no systems currently in place on this site that help to manage the quality of that water. The proposed design will implement a closed drainage system with a water quality unit as well as a to construct a treatment swale that is proposed to impact a portion of the bank to help manage and treat the stormwater that will enter Hodgson Brook.					
14. The potential of a proposed project to cause or increase flooding, erosion, or sedimentation.					
To prevent these issues the proposed project will be incorporating all required storm water treatment measures and best management practices during construction.					
15. The extent to which a project that is located in surface waters reflects or redirects current or wave energy which might cause damage or hazards.					
The proposed project does not deal directly with the water body, all work to be done will be located within the bank. The proposed work will not affect the current or wave energy that is associated with Hodgson brook.					

16.	The cumulative impact that would result if all parties owning or abutting a portion of the affected wetland or wetland complex were also permitted alterations to the wetland proportional to the extent of their property rights. For example, an applicant who owns only a portion of a wetland shall document the applicant's percentage of ownership of that wetland and the percentage of that ownership that would be impacted.				
rep	The proposed impacts within the bank are to help Hodgson Brook to remove the invasive species of Japanese Knotweed and replace these areas with native plantings along the project site. The proposed project will also assist with the storm water and water quality entering the brook from this site.				
17.	The impact of the proposed project on the values and functions of the total wetland or wetland complex.				
ren will veg will	proposed project is not directly in wetlands, but in the bank associated with Hodgson Brook. The direct bank impacts will nove the trash and additinoal past dumping material from couches, asphalt, concrete, etc. By doing this some areas of the bank be excavated and will be removed of invasive species. This area will be ammended with clean loam and planted with native etation. In addition to the planting of the bank, the removal of 15,663sf of impervios material from the 100-buffer to the Brook eliminate runoff and pollutants from entering the Brook, as well as being treated in the proposed storm water basin. This will a dramatic improvement to the water quality of Hodgson Brook.				

18. The impact upon the value of the sites included in the latest published edition of the National Register of Natural Landmarks, or sites eligible for such publication.
No such areas have been identified.
19. The impact upon the value of areas named in acts of congress or presidential proclamations as national rivers, national wilderness areas, national lakeshores, and such areas as may be established under federal, state, or municipal laws for similar and related purposes such as estuarine and marine sanctuaries.
No such areas have been identified.
20. The degree to which a project redirects water from one watershed to another.
No such areas have been identified.

Additional comments	



New Hampshire General Permits (GPs) Appendix B - Corps Secondary Impacts Checklist (for inland wetland/waterway fill projects in New Hampshire)

- 1. Attach any explanations to this checklist. Lack of information could delay a Corps permit determination.
- 2. All references to "work" include all work associated with the project construction and operation. Work includes filling, clearing, flooding, draining, excavation, dozing, stumping, etc.
- 3. See GC 5, regarding single and complete projects.
- 4. Contact the Corps at (978) 318-8832 with any questions.

1. Impaired Waters	Yes	No
1.1 Will any work occur within 1 mile upstream in the watershed of an impaired water? See http://des.nh.gov/organization/divisions/water/wmb/section401/impaired_waters.htm to determine if there is an impaired water in the vicinity of your work area.*	X	
2. Wetlands	Yes	No
2.1 Are there are streams, brooks, rivers, ponds, or lakes within 200 feet of any proposed work?	X	
2.2 Are there proposed impacts to SAS, special wetlands. Applicants may obtain information from the NH Department of Resources and Economic Development Natural Heritage Bureau (NHB) DataCheck Tool for information about resources located on the property at https://www2.des.state.nh.us/nhb_datacheck/ . The book Natural Community Systems of New Hampshire also contains specific information about the natural communities found in NH.		X
2.3 If wetland crossings are proposed, are they adequately designed to maintain hydrology, sediment transport & wildlife passage?		N/A
2.4 Would the project remove part or all of a riparian buffer? (Riparian buffers are lands adjacent to streams where vegetation is strongly influenced by the presence of water. They are often thin lines of vegetation containing native grasses, flowers, shrubs and/or trees that line the stream banks. They are also called vegetated buffer zones.)	X to remove knot weed	
2.5 The overall project site is more than 40 acres?		X
2.6 What is the area of the previously filled wetlands?	N/A	
2.7 What is the area of the proposed fill in wetlands? No Fill in the wetlands there will only be work within the bank for knotweed removal and	for storm water	er management
2.8 What is the % of previously and proposed fill in wetlands to the overall project site?	Unkno	own
3. Wildlife	Yes	No
3.1 Has the NHB & USFWS determined that there are known occurrences of rare species, exemplary natural communities, Federal and State threatened and endangered species and habitat, in the vicinity of the proposed project? (All projects require an NHB ID number & a USFWS IPAC determination.) NHB DataCheck Tool:		

Appendix B August 2017

 3.2 Would work occur in any area identified as either "Highest Ranked Habitat in N.H." or "Highest Ranked Habitat in Ecological Region"? (These areas are colored magenta and green, respectively, on NH Fish and Game's map, "2010 Highest Ranked Wildlife Habitat by Ecological Condition.") Map information can be found at: PDF: www.wildlife.state.nh.us/Wildlife/Wildlife Plan/highest ranking habitat.htm. Data Mapper: www.granit.unh.edu. GIS: www.granit.unh.edu/data/downloadfreedata/category/databycategory.html. 		X
3.3 Would the project impact more than 20 acres of an undeveloped land block (upland,		X
wetland/waterway) on the entire project site and/or on an adjoining property(s)?		/ X
3.4 Does the project propose more than a 10-lot residential subdivision, or a commercial or industrial development?		X
3.5 Are stream crossings designed in accordance with the GC 21?	N/A	
4. Flooding/Floodplain Values	Yes	No
4.1 Is the proposed project within the 100-year floodplain of an adjacent river or stream?	X	
4.2 If 4.1 is yes, will compensatory flood storage be provided if the project results in a loss of flood storage?	X	
5. Historic/Archaeological Resources		
For a minimum, minor or major impact project - a copy of the Request for Project Review (RPR) Form (www.nh.gov/nhdhr/review) with your DES file number shall be sent to the NH Division of Historical Resources as required on Page 11 GC 8(d) of the GP document**	X	

^{*}Although this checklist utilizes state information, its submittal to the Corps is a Federal requirement.

Appendix B August 2017

^{**} If your project is not within Federal jurisdiction, coordination with NH DHR is not required under Federal law.

NHDES WETLANDS BUREAU MINOR IMPACT DREDGE & FILL APPLICATION

TABLE OF CONTENTS

- 1.0 NH DES Wetlands Bureau Dredge & Fill Application Form
- 2.0 General Information
 - 2.1 Project Name, Plans, and Maps
 - 2.2 Technical Standards
 - 2.3 Site Description/Wetlands Overview
- 3.0 Project Overview

USGS Quad Sheet Locus Map

Existing Conditions

Wetland Impact Plan Detail

Photolog of Impact Areas

- 4.0 Proposed Wetland Impact
 - 4.1 Wt 302.04 Requirements for Application Evaluation: Impact of Proposal

APPENDICES

Appendix I New Hampshire Natural Heritage Bureau Inventory

Appendix II NH Department of Historic Resources Inquiry

Appendix III Tax Map, List of Abutters, Abutter Notification Letter, and Certified Mail Receipts

2.0 GENERAL INFORMATION

PREPARED BY (AGENT CONTACT): Luke Hurley

2.1 PROJECT NAME, PLANS, AND MAPS

PROJECT NAME: Bank Restoration

SITE PLANS/MAPS: Cover Sheet

Existing Conditions Plan Grading and Drainage Plan

81/2"x11" USGS Quad Sheet Locus Map

11x17"Overview Plan

11x17"Wetland Impact Plan Detail 11x17" Project Site Tax Map

2.2 TECHNICAL STANDARDS

2.2.1 Gove Environmental services, Inc. delineated the wetlands during the summer of 2018, utilizing the standards of the Corps of Engineers Wetlands Delineation Manual¹ and the NH DES Wetlands Bureau Code of Administrative Rules².

- 2.2.2 Wetland flags were surveyed by Doucet Survey, Inc.
- 2.2.3 Wetlands were classified by GES utilizing the criteria of Classification of Wetlands and Deepwater Habitats of the United States³.
- 2.2.4 Dominant hydric soil conditions within the wetlands were identified by Gove Environmental Services Inc. utilizing the criteria of Field Indicators for Identifying Hydric Soils in New England⁴.
- 2.2.5 Dominance of wetland vegetation was assessed by Gove Environmental Services Inc. utilizing the National List of Plant Species That Occur in Wetlands: Northeast (Region 1)⁵.

¹ Environmental Laboratory. 2012. "Corps of Engineers Wetlands Delineation Manual: Northcentral and Northeast Region." Technical Report ERDC/EL TR-10-12.

² NH Code Admin. R. [Wt] Ch. 100-800.

³ Cowardin, L. M., 1979. Classification of Wetlands and Deepwater Habitats in the United States. Washington, D.C.: U.S. Department of the Interior, Fish and Wildlife Service.

⁴ National Technical Committee for Hydric Soils. 2010. "Field Indicators for Identifying Hydric Soils in New England."

⁵ Lichvar, R.W. & Kartesz, J.T. 2009. North American Digital Flora: National Wetland Plant List. 2.2.1.

2.3 SITE DESCRIPTION/WETLANDS OVERVIEW

The existing site is a 10+ acre site, composed of parking areas, driveways and commercial buildings. Hodgson Brook runs from west to east along the northern property line. This wetland is a perennial stream with a rock/sand/cobble bottom and defined banks. The bank is dominated by red maple, high bush blueberry, oak, yellow birch, ash, buckthorn, Japanese knotweed and Oriental bittersweet.

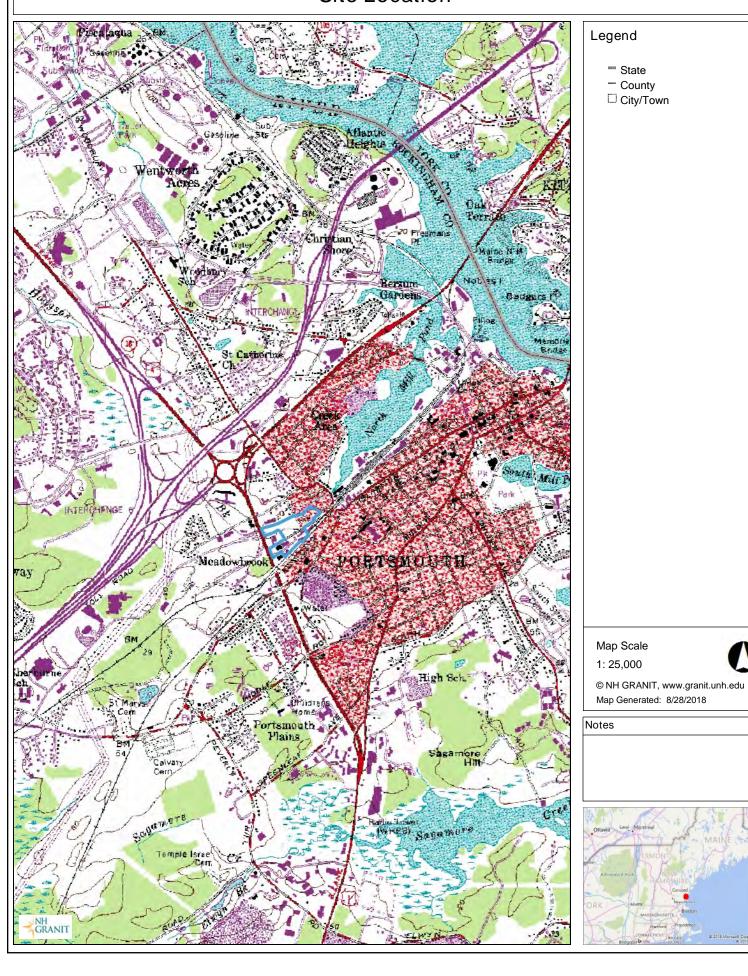
3.0 PROJECT OVERVIEW

The applicant is proposing to connect Cate St. to the intersection of Borthwick Ave, and Route During this proposed construction extending Cate St. removal of 15,663 SF of existing impervious pavement will be removed. Additional work within the buffer will include invasive species removal, culvert removal, and the construction of a treatment swale for storm water that enters Hodgson's Brook.

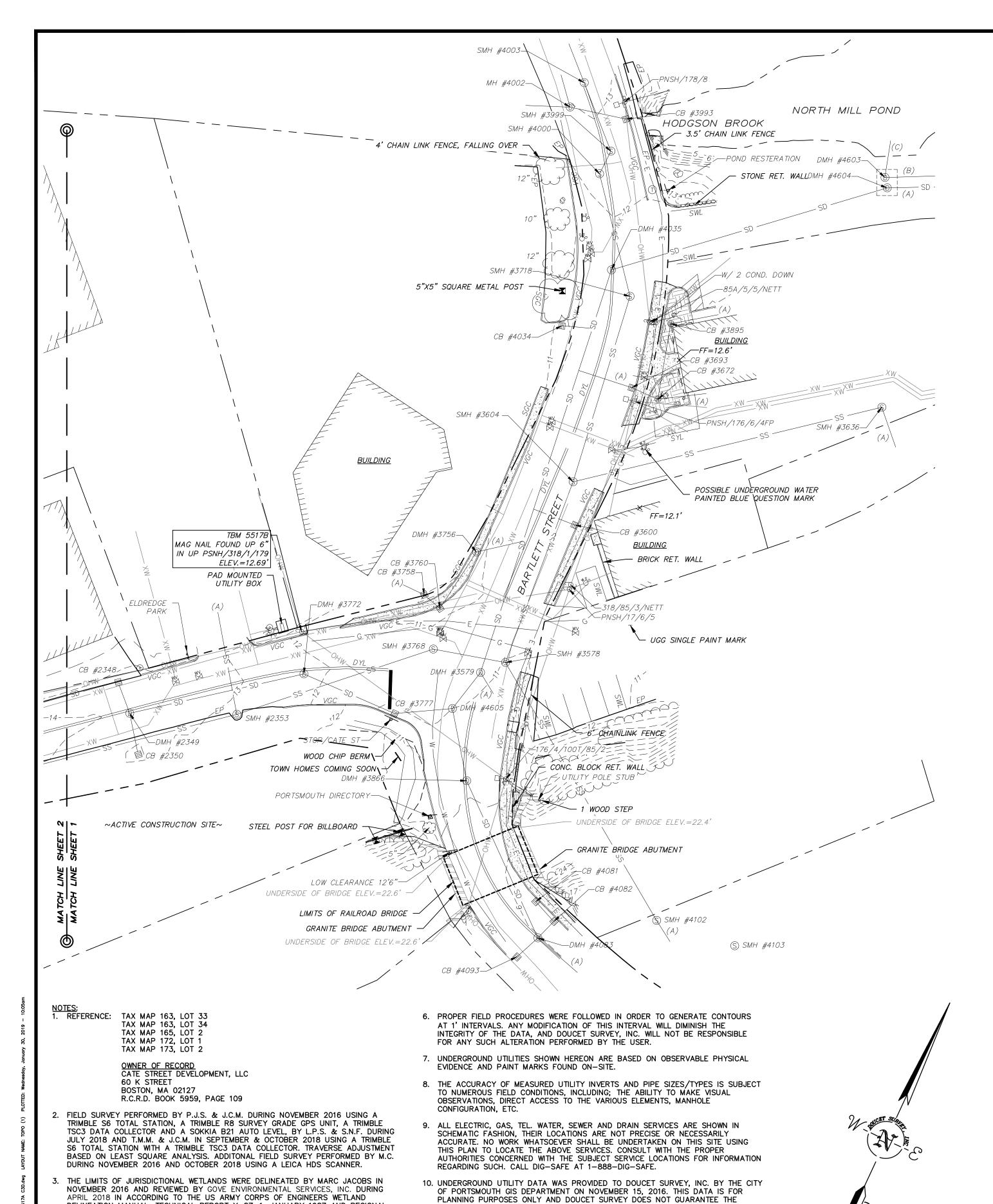
1985 USGS QUAD SHEET LOCUS MAP

Scale 1:24,000

Site Location



EXISTING CONDITIONS PLAN



ACCURACY OR EXISTENCE OF THE DATA PROVIDED. ON-SITE INSPECTION SHOULD

BE CONDUCTED PRIOR FINAL DESIGN AND/OR CONSTRUCTION.

DELINEATION MANUAL, TECHNICAL REPORT Y-87-1, JANUARY 1987 AND REGIONAL

NORTHCENTRAL AND NORTHEAST REGION, VERSION 2.0, JANUARY 2102 AND FIELD

. HORIZONTAL DATUM BASED ON NEW HAMPSHIRE STATE PLANE(2800) NAD83(2011)

DERIVED FROM REDUNDANT GPS OBSERVATIONS UTILIZING THE KEYNÉT GPS VRS

INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 4, MAY 2017,

SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL:

4. VERTICAL DATUM IS BASED ON NGVD29 PER DISK V 28 1942 ELEV. 25.59..

NEW ENGLAND HYDRIC SOILS TECHNICAL COMMITTEE.

DRAINAGE STRUCTURES	les were	1	
CB #1056	CB #1348	CB #3600	CB #4034
RIM ELEV.=23.3'	RIM ELEV.=24.6'	RIM ELEV.=11.1'	RIM ELEV.=10.8'
(A) 4" UNKN. INV.=17.6'	(1347) 12" RCP INV.=19.2'	12" PVC INV.=7.5'	12" PVC INV.=7.5'
(B) 4" UNKN. INV.=17.7'			
	CB #1742	CB #3672	DMH #4035
CB #1071	RIM ELEV.=24.7'	RIM ELEV.=11.9'	RIM ELEV.=11.7'
RIM ELEV.=22.7'	(1743) 12" RCP INV.=19.7'	(3693) 4" PVC INV.=8.2'	(NO VISIBLE PIPES)
(1072) 12" RCP INV.=17.3'		(3895) 4" PVC INV.=8.7'	SUMP=1.3'
	CB #1743	(A) 4" PVC INV.=8.3'	WATER LEVEL=1.8'
CB #1072	RIM ELEV.=24.7'		
RIM ELEV.=23.7'	(1742) 12" RCP INV.=19.5'	CB #3693	CB #4081
(A) 6" CMP INV.=17.6'	(A) 12" RCP INV.=19.5'	RIM ELEV.=11.0'	RIM ELEV.=8.7'
(1071) 12" RCP INV.=17.5'		(3672) 4" PVC INV.=8.2'	(4082) 12" HDPE INV.=5.8'
(1148) 12" CMP INV.=17.5'	CB #1926	(A) 12" PVC INV.=7.9'	
(1347) 15" RCP INV.=17.1'	RIM ELEV.=29.7'		CB #4082
(B) 15" RCP INV.=17.0'	8" PVC INV.=27.9' (OUTFALL)	DMH #3756	RIM ELEV.=8.7'
· ·		RIM ELEV.=11.6'	(4081) 12" HDPE INV.=5.7'
 CB #1128	CB #2346	(2360) 12" PVC INV.=7.8'	(4083) 12" HDPE INV.=5.9'
RIM ELEV.=22.7'	RIM ELEV.=15.6'	(A) 12" PVC INV.=7.8'	, , = =
(A) 6" PVC INV.=19.4'	(A) 12" RCP INV.=11.3'	V. V	DMH #4083
(1186) 12" CMP INV.=18.9'	(1) 12 101 1144.—11.0	DMH #3756	RIM ELEV.=8.9'
(1148) 12" CMP INV.=18.9 (1148) 12" CMP INV.=18.8'	CR #2347	<u>"</u>	
(1140) 12 CMP INV.=18.8	CB #2347	RIM ELEV.=11.6'	(3866) 42"WX24H CMP INV.=5.0'
OD #44.47	RIM ELEV.=13.8'	(3760) 12" PVC INV.=7.7'	(4083) 12" HDPE INV.=5.7'
CB #1147	(2348) 15" HDPE INV.=9.7"	(A) 12" PVC INV.=7.8'	(4093) 12" HDPE INV.=5.6"
RIM ELEV.=22.2'			(A) 42"WX24H CMP INV.=5.0'
(A) 6" PVC INV.=18.7'	CB #2348	CB #3758	
(B) 12" CMP INV.=18.3'	RIM ELEV.=13.6'	RIM ELEV.=10.9'	CB #4093
	(2347) 15" HDPE INV.=9.8'	(3760) 12" PVC INV.=8.0'	RIM ELEV.=9.0'
CB #1148	(2349) 15" HDPE INV.=9.8'	(A) 8" PVC INV.=7.9'	(4083) 12" HDPE INV.=5.9'
RIM ELEV.=22.4'			
(A) 6" PVC INV.=18.7"	CB #2349	CB #3760	CB #4181
(1128) 12" CMP INV.=18.1'	RIM ELEV.=13.8'	RIM ELEV.=10.7'	RIM ELEV.=24.7'
(1148) 12" CMP INV.=18.2'	(2348) 15" HDPE INV.=9.1'	(3756) 12" PVC INV.=8.0'	12" CMP INV.=19.7'
	(2350) 15" HDPE INV.=10.3'	(3758) 12" PVC INV.=8.0'	
CB #1186	(3772) 15" HDPE INV.=9.1'		CB #4239
		DMH #3772	RIM ELEV.=25.0'
(1188) 12" CMP (NOT VISIBLE)	CB #2350	RIM ELEV.=12.2'	12" CMP INV.=20.3'
(1128) 12" CMP INV.=20.0'	RIM ELEV.=12.6'	(2349) 15" HDPE INV.=8.7'	
· · · · · · · · · · · · · · · · · · ·	(FULL OF SILT & DEBRIS)	(3777) 15" HDPE INV.=8.6'	CB #4545
CB #1188	(. SEE S. SIE! & DEDING)	(3) 13 TIDI E 11(4.—0.0	RIM ELEV.=27.8'
RIM ELEV.=25.7'	CB #2993	CB #3777	(3281) 15" RCP INV.=22.0'
			<u>'</u>
(1186) 8" PVC INV.=22.3'	RIM ELEV.=30.2	RIM ELEV.=10.7'	(A) 18" RCP INV.=21.3"
OD #404.7	(A) 15" RCP INV.=26.2'	(3772) 15" HDPE INV.=7.7'	DAM #4007 5 405 :
CB #1213	(B) 12" UNKN. INV.=26.1'	(4605) 15" HDPE INV.=7.6'	DMH #4603 & 4604
RIM ELEV.=20.3'	(3281) 15" RCP INV.=26.0'		RIM ELEV.=10.3'
(HDWL) 12" HDPE INV.=17.6'		DMH #3866	(4035) 42" RCP INV.=1.0'
	CB #3019	RIM ELEV.=10.2'	(A) 36" RCP INV. (RECESSED)
CB #1251	RIM ELEV.=28.8'	(4083) 42"WX24H CMP INV.=5.3'	(B) UNKN. (RECESSED)
RIM ELEV.=20.9'	(A) 6" PVC INV.=25.4'	(4605) 24" RCP INV.=5.4'	(C) 42" RCP INV.=1.2'
(A) 18" CMP INV.=16.5'		(A) 8" CI INV.=8.0'	
			DMH #4605
	CB #3065		
CB #1345	CB #3065 RIM ELEV.=31.5'	CB #3895	RIM ELEV.=11.0'
<u>"</u>		CB #3895 RIM ELEV.=11.9'	RIM ELEV.=11.0' (3579) 24" RCP INV.=4.4'
RIM ELEV.=23.3'	RIM ELEV.=31.5'	<u>"</u>	
RIM ELEV.=23.3'	RIM ELEV.=31.5' WATER ELEV.=27.4'	RIM ELEV.=11.9'	(3579) 24" RCP INV.=4.4'
RIM ELEV.=23.3' (1346) 12" RCP INV.=19.1'	RIM ELEV.=31.5' WATER ELEV.=27.4' (NO PIPES VISIBLE)	RIM ELEV.=11.9' (3672) 4" PVC INV.=9.7'	(3579) 24" RCP INV.=4.4' (3777) 15" CMP INV.=7.5'
RIM ELEV.=23.3' (1346) 12" RCP INV.=19.1' CB #1346	RIM ELEV.=31.5' WATER ELEV.=27.4' (NO PIPES VISIBLE) CB #3281	RIM ELEV.=11.9' (3672) 4" PVC INV.=9.7'	(3579) 24" RCP INV.=4.4' (3777) 15" CMP INV.=7.5'
RIM ELEV.=23.3' (1346) 12" RCP INV.=19.1' CB #1346 RIM ELEV.=25'	RIM ELEV.=31.5' WATER ELEV.=27.4' (NO PIPES VISIBLE) CB #3281 RIM ELEV.=29.8'	RIM ELEV.=11.9' (3672) 4" PVC INV.=9.7' (A) 4" PVC INV.=9.9' CB #3993	(3579) 24" RCP INV.=4.4' (3777) 15" CMP INV.=7.5'
RIM ELEV.=23.3' (1346) 12" RCP INV.=19.1' CB #1346 RIM ELEV.=25' (1345) 12" RCP INV.=17.4'	RIM ELEV.=31.5' WATER ELEV.=27.4' (NO PIPES VISIBLE) CB #3281 RIM ELEV.=29.8' (2993) 15" RCP INV.=24.3'	RIM ELEV.=11.9' (3672) 4" PVC INV.=9.7' (A) 4" PVC INV.=9.9' CB #3993 RIM ELEV.=12.6'	(3579) 24" RCP INV.=4.4' (3777) 15" CMP INV.=7.5'
RIM ELEV.=23.3' (1346) 12" RCP INV.=19.1' CB #1346 RIM ELEV.=25' (1345) 12" RCP INV.=17.4' (1347) 15" RCP INV.=15.9'	RIM ELEV.=31.5' WATER ELEV.=27.4' (NO PIPES VISIBLE) CB #3281 RIM ELEV.=29.8'	RIM ELEV.=11.9' (3672) 4" PVC INV.=9.7' (A) 4" PVC INV.=9.9' CB #3993 RIM ELEV.=12.6' (NO VISIBLE PIPES)	(3579) 24" RCP INV.=4.4' (3777) 15" CMP INV.=7.5'
RIM ELEV.=23.3' (1346) 12" RCP INV.=19.1' CB #1346 RIM ELEV.=25' (1345) 12" RCP INV.=17.4' (1347) 15" RCP INV.=15.9'	RIM ELEV.=31.5' WATER ELEV.=27.4' (NO PIPES VISIBLE) CB #3281 RIM ELEV.=29.8' (2993) 15" RCP INV.=24.3' (4545) 15" RCP INV.=24.2'	RIM ELEV.=11.9' (3672) 4" PVC INV.=9.7' (A) 4" PVC INV.=9.9' CB #3993 RIM ELEV.=12.6' (NO VISIBLE PIPES) APPEARS TO OPEN TO BROOK	(3579) 24" RCP INV.=4.4' (3777) 15" CMP INV.=7.5'
RIM ELEV.=23.3' (1346) 12" RCP INV.=19.1' CB #1346 RIM ELEV.=25' (1345) 12" RCP INV.=17.4' (1347) 15" RCP INV.=15.9' (A) 15" RCP INV.=15.7'	RIM ELEV.=31.5' WATER ELEV.=27.4' (NO PIPES VISIBLE) CB #3281 RIM ELEV.=29.8' (2993) 15" RCP INV.=24.3' (4545) 15" RCP INV.=24.2' DMH #3579	RIM ELEV.=11.9' (3672) 4" PVC INV.=9.7' (A) 4" PVC INV.=9.9' CB #3993 RIM ELEV.=12.6' (NO VISIBLE PIPES) APPEARS TO OPEN TO BROOK SUMP=1.5'	(3579) 24" RCP INV.=4.4' (3777) 15" CMP INV.=7.5'
CB #1345 RIM ELEV.=23.3' (1346) 12" RCP INV.=19.1' CB #1346 RIM ELEV.=25' (1345) 12" RCP INV.=17.4' (1347) 15" RCP INV.=15.9' (A) 15" RCP INV.=15.7' CB #1347	RIM ELEV.=31.5' WATER ELEV.=27.4' (NO PIPES VISIBLE) CB #3281 RIM ELEV.=29.8' (2993) 15" RCP INV.=24.3' (4545) 15" RCP INV.=24.2' DMH #3579 RIM ELEV.=11.2'	RIM ELEV.=11.9' (3672) 4" PVC INV.=9.7' (A) 4" PVC INV.=9.9' CB #3993 RIM ELEV.=12.6' (NO VISIBLE PIPES) APPEARS TO OPEN TO BROOK	(3579) 24" RCP INV.=4.4' (3777) 15" CMP INV.=7.5'
RIM ELEV.=23.3' (1346) 12" RCP INV.=19.1' CB #1346 RIM ELEV.=25' (1345) 12" RCP INV.=17.4' (1347) 15" RCP INV.=15.9' (A) 15" RCP INV.=15.7' CB #1347 RIM ELEV.=23.9'	RIM ELEV.=31.5' WATER ELEV.=27.4' (NO PIPES VISIBLE) CB #3281 RIM ELEV.=29.8' (2993) 15" RCP INV.=24.3' (4545) 15" RCP INV.=24.2' DMH #3579 RIM ELEV.=11.2' (4035) 36" BRICK TROUGH INV.=2.0'	RIM ELEV.=11.9' (3672) 4" PVC INV.=9.7' (A) 4" PVC INV.=9.9' CB #3993 RIM ELEV.=12.6' (NO VISIBLE PIPES) APPEARS TO OPEN TO BROOK SUMP=1.5' WATER LEVEL=1.8'	(3579) 24" RCP INV.=4.4' (3777) 15" CMP INV.=7.5'
RIM ELEV.=23.3' (1346) 12" RCP INV.=19.1' CB #1346 RIM ELEV.=25' (1345) 12" RCP INV.=17.4' (1347) 15" RCP INV.=15.9' (A) 15" RCP INV.=15.7' CB #1347 RIM ELEV.=23.9' (1348) 12" RCP INV.=18.8'	RIM ELEV.=31.5' WATER ELEV.=27.4' (NO PIPES VISIBLE) CB #3281 RIM ELEV.=29.8' (2993) 15" RCP INV.=24.3' (4545) 15" RCP INV.=24.2' DMH #3579 RIM ELEV.=11.2' (4035) 36" BRICK TROUGH INV.=2.0' (4605) 24" RCP INV.=4.2'	RIM ELEV.=11.9' (3672) 4" PVC INV.=9.7' (A) 4" PVC INV.=9.9' CB #3993 RIM ELEV.=12.6' (NO VISIBLE PIPES) APPEARS TO OPEN TO BROOK SUMP=1.5' WATER LEVEL=1.8'	(3579) 24" RCP INV.=4.4' (3777) 15" CMP INV.=7.5'
RIM ELEV.=23.3' (1346) 12" RCP INV.=19.1' CB #1346 RIM ELEV.=25' (1345) 12" RCP INV.=17.4' (1347) 15" RCP INV.=15.9' (A) 15" RCP INV.=15.7' CB #1347 RIM ELEV.=23.9'	RIM ELEV.=31.5' WATER ELEV.=27.4' (NO PIPES VISIBLE) CB #3281 RIM ELEV.=29.8' (2993) 15" RCP INV.=24.3' (4545) 15" RCP INV.=24.2' DMH #3579 RIM ELEV.=11.2' (4035) 36" BRICK TROUGH INV.=2.0'	RIM ELEV.=11.9' (3672) 4" PVC INV.=9.7' (A) 4" PVC INV.=9.9' CB #3993 RIM ELEV.=12.6' (NO VISIBLE PIPES) APPEARS TO OPEN TO BROOK SUMP=1.5' WATER LEVEL=1.8'	(3579) 24" RCP INV.=4.4' (3777) 15" CMP INV.=7.5'

<u>LEGEND</u>
INTERIOR LOT LINE
APPROXIMATE ABUTTER LOT LINE
EASEMENT LINE
□□ STOCKADE FENCE
O O CHAIN LINK FENCE
∞ ° ° GUARDRAIL
OHWOVERHEAD WIRES
SSSEWER LINE
SDDRAIN LINE
G GAS LINE
W WATER LINE
— — 20 — MAJOR CONTOUR LINE
22 Minor contour line
. TREE LINE
SHRUB LINE
· · · EDGE OF WETLAND

- INTERIOR LOT LINE
— APPROXIMATE ABUTTER LOT LINE
— EASEMENT LINE
STOCKADE FENCE
— CHAIN LINK FENCE
⊸· GUARDRAIL
- OVERHEAD WIRES
— SEWER LINE
— DRAIN LINE
— GAS LINE
— WATER LINE
- MAJOR CONTOUR LINE
- MINOR CONTOUR LINE
TREE LINE
∽ SHRUB LINE
— EDGE OF WETLAND
— SEWER LINE (SEE NOTE 20)
— DRAIN LINE (SEE NOTE 20)
— WATER LINE (SEE NOTE 20)
UTILITY POLE
UTILITY POLE & GUY WIRE
UTILITY POLE W/ LIGHT
LIGHT POLE

Ø Ø X •	SIGN (TWO POSTS) FENCE POST POST POST BOLLARD FIRE HYDRANT
	WATER GATE VALVE SPIGOT GAS GATE VALVE OIL FILL CAP ELECTRIC BOX CATCH BASIN DRAIN MANHOLE ROOF DRAIN MANHOLE SEWER MANHOLE CLEANOUT HAND HOLE WETLAND AREA FLAG POLE CONIFEROUS TREE
$\dot{\oplus}$	DECIDUOUS TREE

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SWL

SYL

MONITORING WELL DRAINAGE FLOW DIRECTION ARROW CONCRETE CRUSHED STONE LEDGE OUTCROP ACCESSIBLE PARKING SPACE MAST ARM JERSEY BARRIER

YPICAL INISHED FLOOR LECTRIC METER EDGE OF PAVEMENT VERTICAL GRANITE CURB SLOPED GRANITE CURB SLOPED BITUMINOUS BERM SINGLE WHITE LINE SINGLE YELLOW LINE DOUBLE YELLOW LINE

		1
SEWER STRUCTURES		
SMH #1066	SMH #2434	SMH #3768
RIM ELEV.=23.2'	RIM ELEV.=18.2'	RIM ELEV.=11.4'
(A) 4" PVC INV.=18.5'	(2799) 10" UNKN. INV.=9.7'	(2353) 24" PVC INV.=6.0'
(D) UNKN. INV.=12.3'	(2365) 12" UNKN. INV.=9.7'	(3578) 24" PVC INV.=5.9'
(1152) 10" UNKN. INV.=11.8'		
(C) 4" PVC INV.=16.0'	SMH #2789	SMH #3999
(D) 4" PVC INV.=16.0'	RIM ELEV.=20.1'	RIM ELEV.=12.6'
(1350) UNKN. INV.=11.9'	(SUMP) INV.=9.9'	(4000) 10" PVC INV.=5.9'
(E) UNKN. INV.=11.6'	NO PIPES VISIBLE	(4003) 12" PVC INV.=5.8'
SMH #1152	SMH #2799	SMH #4000
RIM ELEV.=22.6'	RIM ELEV.=23.8'	RIM ELEV.=12.3'
(1066) 10" UNKN. INV.=11.3'	(A) 4" DI INV.=21.1'	(3718) 10" PVC INV.=5.8'
(2799) 10" UNKN. INV.=11.2'	(B) 8" UNKN. INV.=12.1'	(3999) 10" PVC INV.=5.8'
	(1152) 10" UNKN. INV.=10.7'	
SMH #1350	(2434) 10" UNKN. INV.=10.6'	SMH #4003
RIM ELEV.=25.5'		RIM ELEV.=13.3'
(A) 8" CLAY INV.=14.9'	SMH #3280	(3999) 12" PVC INV =6.5'
(4565) UNKN. INV.=14.7'	RIM ELEV.=29.8'	(A) 10" CI INV.=6.6
(1066) UNKN. INV.=14.4'	(1527) 8" CLAY DROP INLET INV.=21.1'	(A) 10 OF HVV0.0
(1000) ONKN. INV14.4	<u> </u>	0.41.4440
	(4565) UNKN. INV.=16.4'	SMH #4102
SMH #1470	(A) 4" CI INV.=23.3'	RIM ELEV.=11.3'
RIM ELEV.=29.4'	(B) UNKN. INV.=16.5'	(3578) 30" PVC INV.=3.7'
FULL OF DEBRIS		(A) 30" PVC INV.=3.6'
	SMH #3578	
SMH #1527	RIM ELEV.=10.9'	SMH #4103
RIM ELEV.=31.6'	(3604) 36" PVC INV.=3.0'	RIM ELEV.=10.5'
(3280) 8" CLAY INV.=24.8'		
(A) 8" CLAY INV.=25.3'	(3768) 24" PVC INV.=5.8'	(NO VISIBLE PIPES, POSSIBLE
(.,,	(3768) 24" PVC INV.=5.8' (4102) 30" PVC INV=3.1'	(NO VISIBLE PIPES, POSSIBLE ELECTRIC MANHOLE)
(B) 8" CLAY INV.=24.7'		<u> </u>
		<u> </u>
	(4102) 30" PVC INV=3.1'	,
(B) 8" CLAY INV.=24.7'	(4102) 30" PVC INV=3.1' SMH #3604	ELECTRIC MANHOLE) SMH #4565
(B) 8" CLAY INV.=24.7' SMH #2353	(4102) 30" PVC INV=3.1' SMH #3604 RIM ELEV.=11.3'	ELECTRIC MANHOLE) SMH #4565 RIM ELEV.=26.4'
(B) 8" CLAY INV.=24.7' SMH #2353 RIM ELEV.=12.7'	(4102) 30" PVC INV=3.1' SMH #3604 RIM ELEV.=11.3' (3578) 36" PVC INV.=2.5'	ELECTRIC MANHOLE) SMH #4565 RIM ELEV.=26.4' PIPES SUBMERGED
(B) 8" CLAY INV.=24.7' SMH #2353 RIM ELEV.=12.7' (2365) 24" PVC INV.=6.5'	(4102) 30" PVC INV=3.1' SMH #3604 RIM ELEV.=11.3' (3578) 36" PVC INV.=2.5' (3636) 36" PVC INV.=2.5'	ELECTRIC MANHOLE) SMH #4565 RIM ELEV.=26.4' PIPES SUBMERGED WATER LEVEL=16.5'
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(B) 8" CLAY INV.=24.7' SMH #2353 RIM ELEV.=12.7' (2365) 24" PVC INV.=6.5' (3768) 24" PVC INV.=6.5' (A) 6" PVC INV.=7.2' SMH #2365 RIM ELEV.=14.4' (A) 10" CI INV.=9.3' (2434) 10" METAL INV.=9.2'	(4102) 30" PVC INV=3.1' SMH #3604 RIM ELEV.=11.3' (3578) 36" PVC INV.=2.5' (3636) 36" PVC INV.=2.5' (3718) 10" PVC INV.=4.7' SMH #3636 RIM ELEV.=10.3' (3604) 36" PVC INV.=2.3' (A) 36" PVC INV.=2.2'	ELECTRIC MANHOLE) SMH #4565 RIM ELEV.=26.4' PIPES SUBMERGED WATER LEVEL=16.5' SUMP=15.4' SMH #4607 RIM ELEV.=33.2' (A) 8" PVC INV.=17.9'





CATE STREET DEVELOPMENT, LLC

TAX MAP 163, LOTS 33 & 34 TAX MAP 165, LOT 2 **TAX MAP 172, LOT 1** TAX MAP 173, LOT 2 CATE STREET & US ROUTE 1 BYPASS

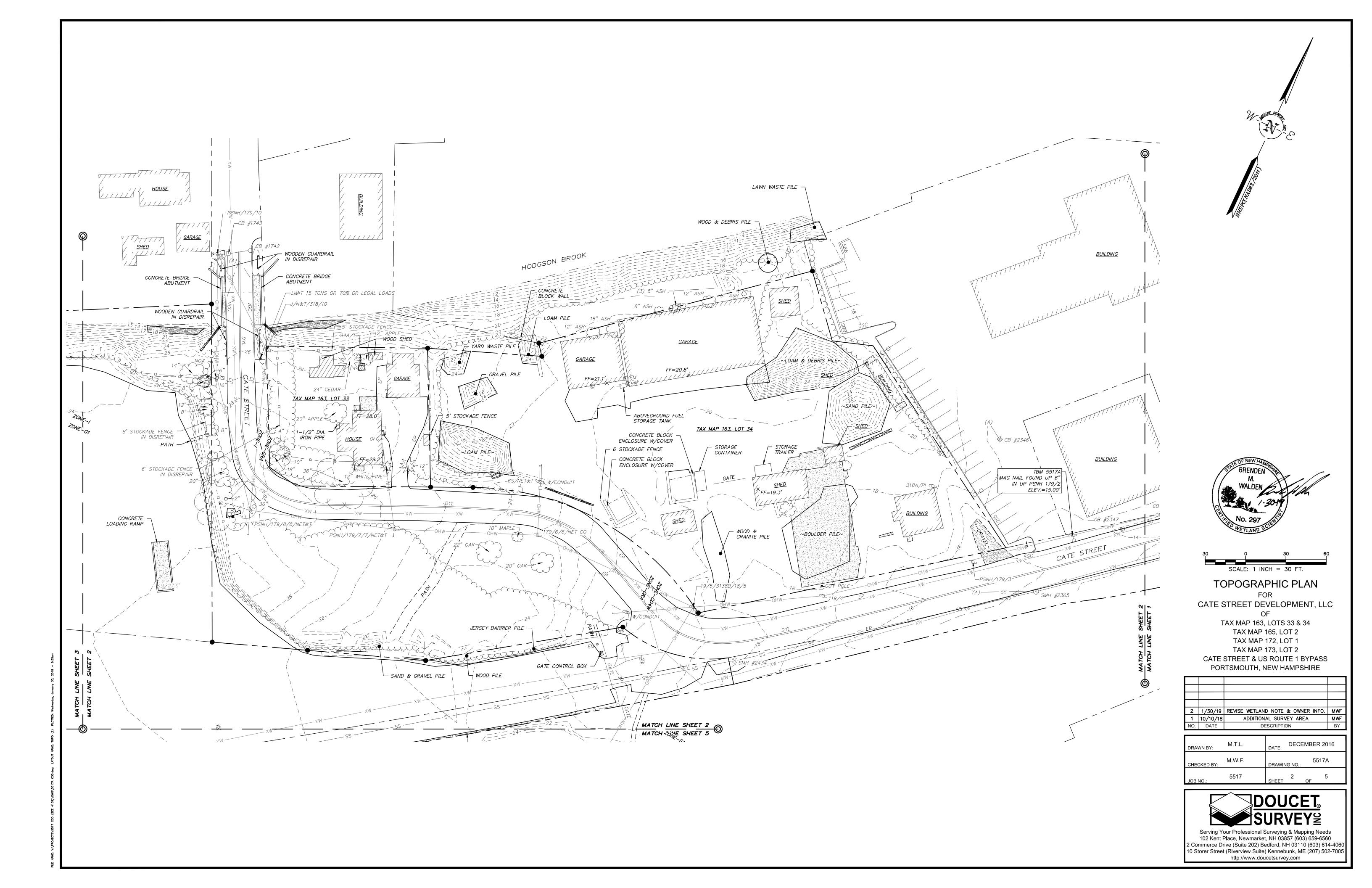
PORTSMOUTH, NEW HAMPSHIRE

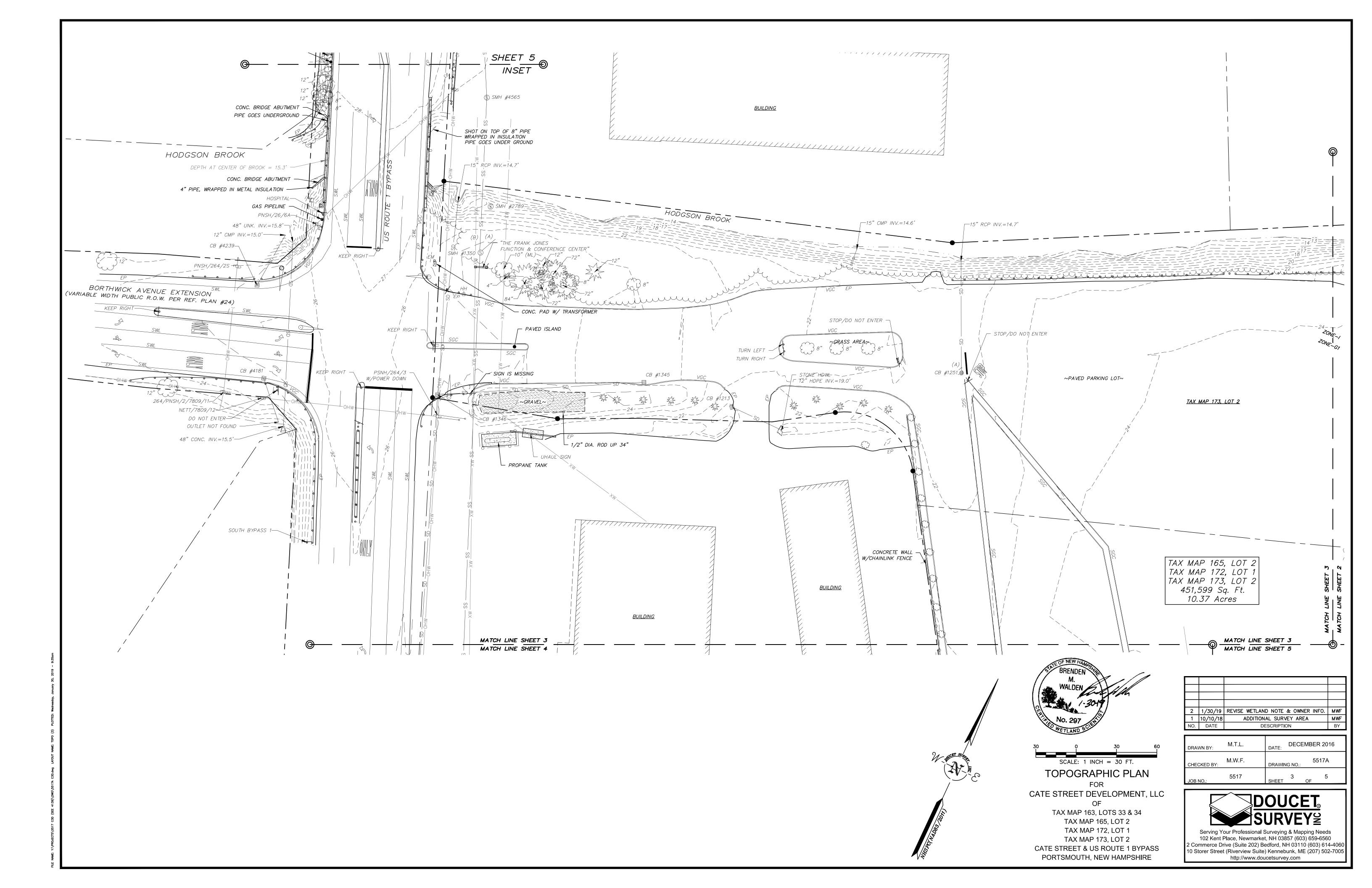
	·		
2	1/30/19	REVISE WETLAND NOTE & OWNER INFO.	MWF
1	10/10/18	ADDITIONAL SURVEY AREA	MWF
NO.	DATE	DESCRIPTION	BY

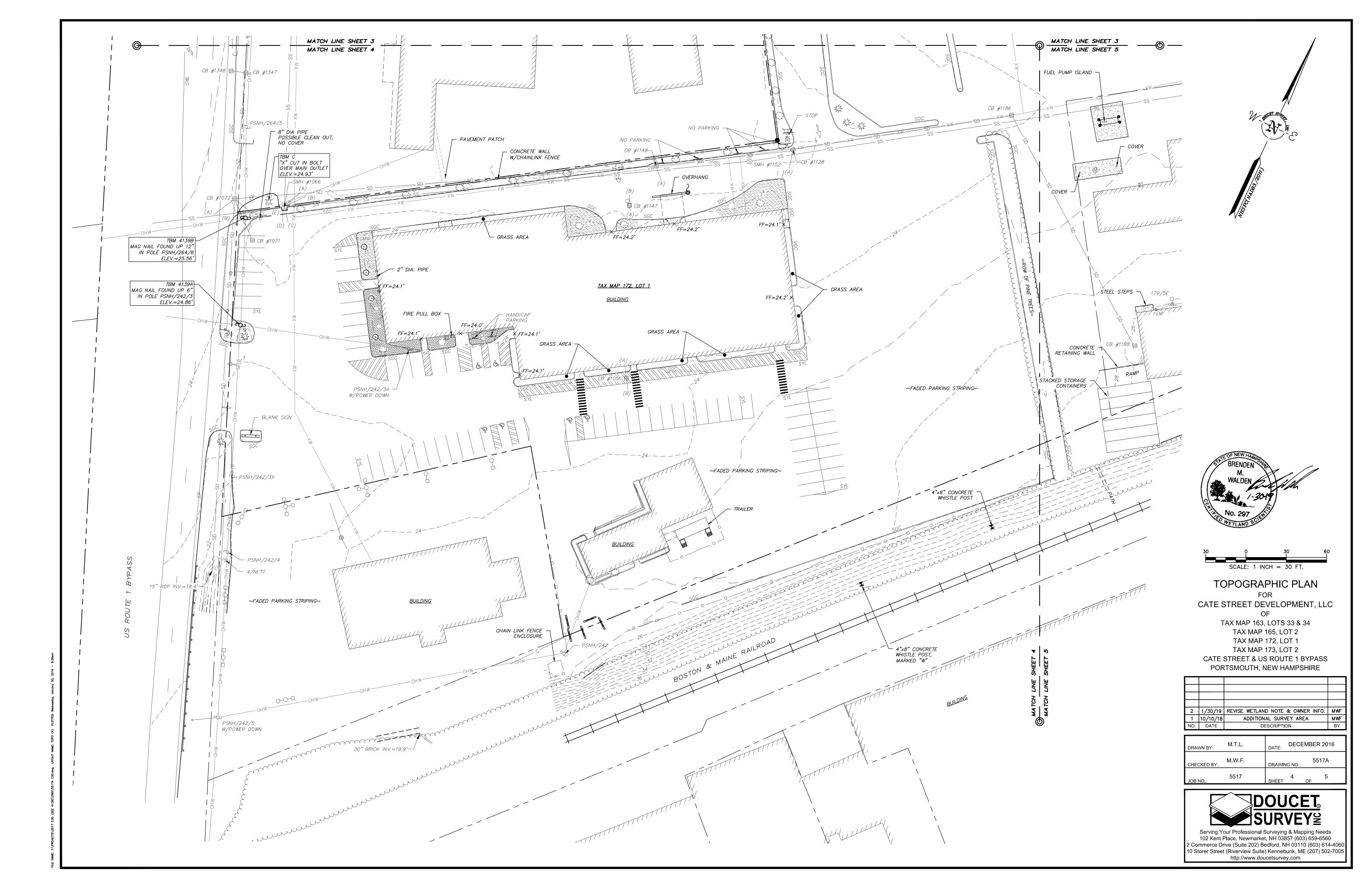
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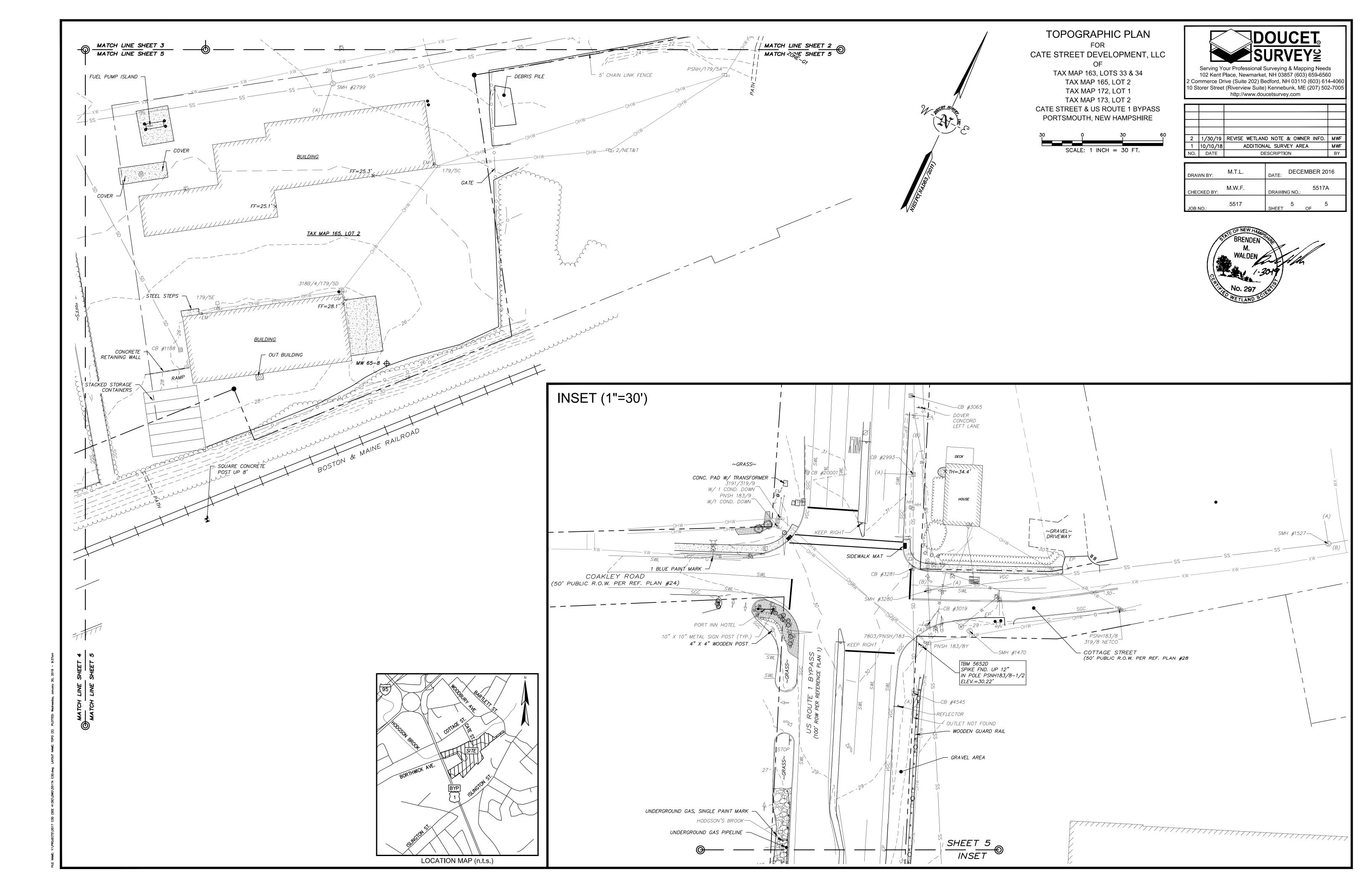


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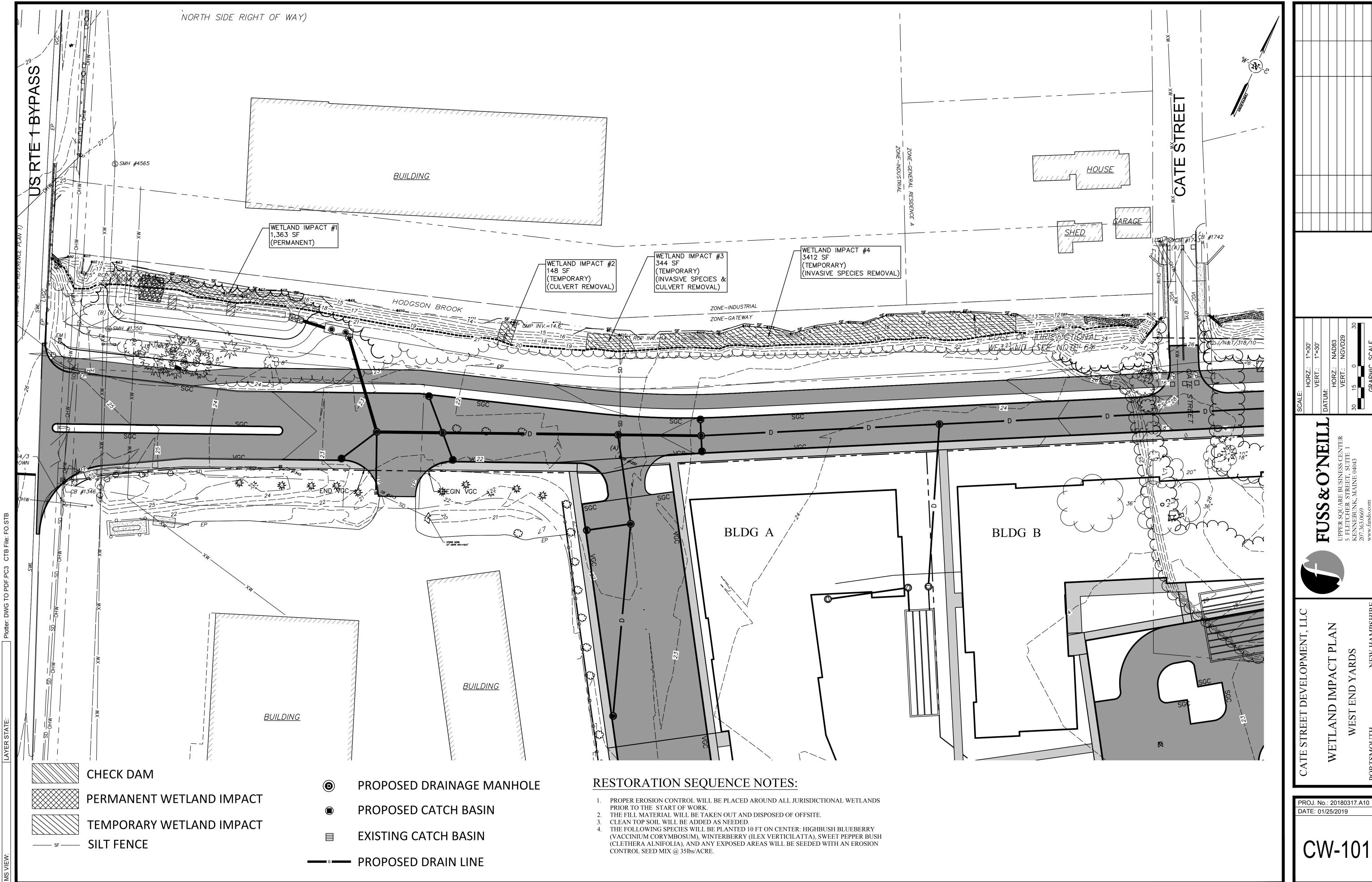






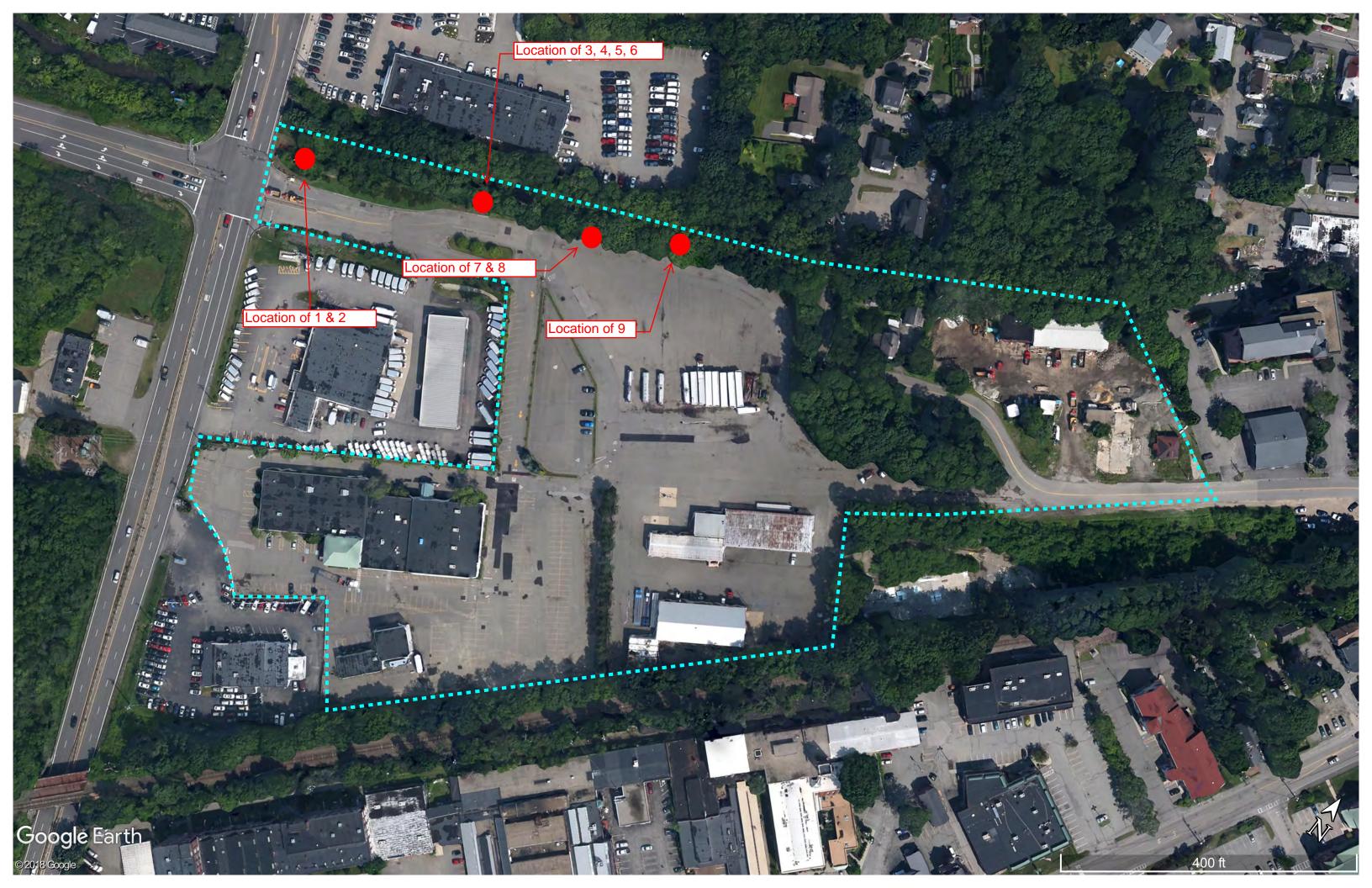


WETLAND IMPACT PLAN DETAIL



PROJ. No.: 20180317.A10

PHOTOLOG OF IMPACT AREAS



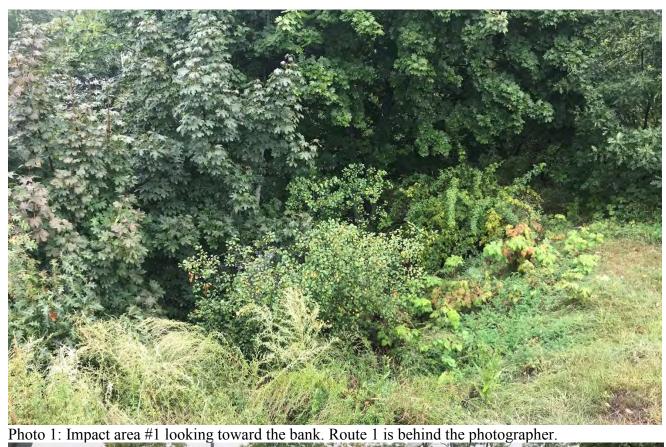




Photo 2: Impact area #1. Looking toward Route 1.



Photo 3: Looking towards Route 1 along the bank at impact area #2



Photo 4: Depicting the abundance of Japanese Knotweed. Looks north towards Hodgson Brook, showing impact area #3



Photo 5: Depicting the abundance of Japanese Knotweed. Looks into Hodgson Brook, showing impact area #3



Photo 6: Depicting the abundance of Japanese Knotweed. Looks upslope toward the parking lot on site with Hodgson brook behind. This shows impact area #3



Photo 7: Depicting the abundance of Japanese Knotweed. Looks north towards Hodgson Brook, showing impact area #4



Photo 8: Depicting the abundance of Japanese Knotweed. Looks north towards Hodgson Brook, showing impact area #4



Photo 9: Depicting the abundance of Japanese Knotweed. Looking towards Route 1 and down slope towards Hodgson Brook, showing impact area #4.

Appendix I New Hampshire Natural Heritage Inventory Inquiry To: Luke Hurley Date: 9/6/2018

8 continental Drive Exeter, NH 03833

From: NH Natural Heritage Bureau

Re: Review by NH Natural Heritage Bureau of request dated 9/6/2018

NHB File ID: NHB18-2790 Applicant: Jay Bisognano

Location: Tax Map(s)/Lot(s): Map 163 Lot 33 & 34, Map 172 Lot 1, Map 173

Lot 2, Map 165 Lot 2

Portsmouth

Project Description: The proposed project looks to redevelop the above listed

properties for both multilevel residential and town home residential living with a small portion of the property to be

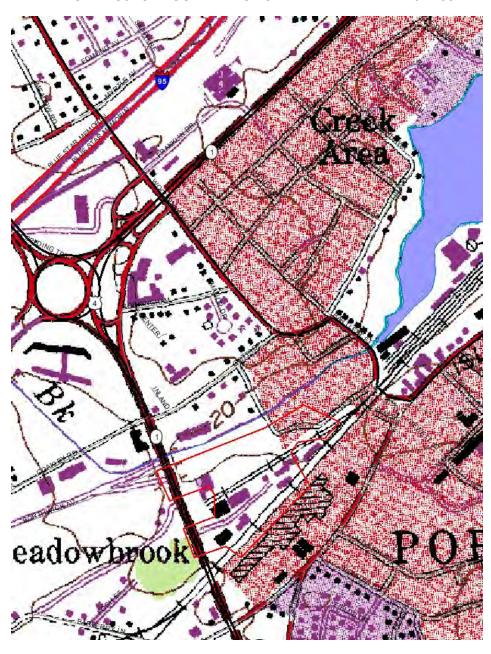
used for a small commercial building.

The NH Natural Heritage database has been checked for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government. We currently have no recorded occurrences for sensitive species near this project area.

A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

This report is valid through 9/5/2019.

MAP OF PROJECT BOUNDARIES FOR NHB FILE ID: NHB18-2790



Cate Street, Portsmouth: Dredge & Fill Application for Minor Impacts
January 2019

Appendix II State Historic Preservation Office Inquiry Please mail the completed form and required material to:

New Hampshire Division of Historical Resources State Historic Preservation Office Attention: Review & Compliance 19 Pillsbury Street, Concord, NH 03301-3570

DHR Use Only	
R&C#	
Log In Date	/
Response Date	/
Sent Date	//

Request for Project Review by the New Hampshire Division of Historical Resources

☐ This is a new submittal ☐ This is additional information relating to DHR Review & Compliance (R&C) #:				
GENERAL PROJECT INFORMATION				
Project Title Cate St. Re-development				
Project Location Between Cate St & Route 1 in Portsmouth				
City/Town Portsmouth				
NH State Plane - Feet Geographic Coordinates: Easting 1222404 Northing 208809 (See RPR Instructions and R&C FAQs for guidance.)				
Lead Federal Agency and Contact (if applicable) ACOE (Agency providing funds, licenses, or permits) Permit Type and Permit or Job Reference # GP				
State Agency and Contact (if applicable) NH DES				
Permit Type and Permit or Job Reference # Dredge and Fill				
APPLICANT INFORMATION				
Applicant Name Cate St Development, LLC				
Mailing Address 60K Street Phone Number 978-490-5278				
City Boston State MA Zip 02127 Email jb@torprops.com				
CONTACT PERSON TO RECEIVE RESPONSE				
Name/Company Gove Environmental Services Inc.				
Mailing Address 8 Continental Dr Bldg 2, Unit H Phone Number				
City Exeter State NH Zip 03833 Email bwalden@gesinc.biz				

This form is updated periodically. Please download the current form at www.nh.gov/nhdhr/review. Please refer to the Request for Project Review Instructions for direction on completing this form. Submit one copy of this project review form for each project for which review is requested. Include a self-addressed stamped envelope to expedite review response. Project submissions will not be accepted via facsimile or e-mail. This form is required. Review request form must be complete for review to begin. Incomplete forms will be sent back to the applicant without comment. Please be aware that this form may only initiate consultation. For some projects, additional information will be needed to complete the Section 106 review. All items and supporting documentation submitted with a review request, including photographs and publications, will be retained by the DHR as part of its review records. Items to be kept confidential should be clearly identified. For questions regarding the DHR review process and the DHR's role in it, please visit our website at: www.nh.gov/nhdhr/review or contact the R&C Specialist at christina.st.louis@nh.gov or 603.271.3558.

<u>Project</u>	t Boundaries and Description		
	Attach the relevant portion of a 7.5' USGS Map (photocopied or computer-generated) <i>indicating the defined pro</i> Attach a detailed narrative description of the proposed project. Attach a site plan. The site plan should include the project boundaries and areas of proposed excavation. Attach photos of the project area (overview of project location and area adjacent to project location, and specific are A DHR file review must be conducted to identify properties within or adjacent to the project area. Provide file review results in Table 1 . (Blank table forms are available on the DHR website.) File review conducted on 08/31/2018.		
Arci	<u>hitecture</u>		
Are	there any buildings, structures (bridges, walls, culverts, etc.) objects, districts or landscapes within the project area If no, skip to Archaeology section. If yes, submit all of the following information:		
App	proximate age(s): Unkown		
\boxtimes	Photographs of <i>each</i> resource or streetscape located within the project area, with captions, along with a mapped project involves rehabilitation, demolition, additions, or alterations to existing buildings or structures, providing the project involves rehabilitation.		
Arci	<u>Archaeology</u>		
Does the proposed undertaking involve ground-disturbing activity? \boxtimes Yes \square No If yes, submit all of the following information:			
\boxtimes	Description of current and previous land use and disturbances. Available information concerning known or suspected archaeological resources within the project area (such as cell		
	Please note that for many projects an a		
DI	IR Comment/Finding Recommendation This Space for Division of Historical Resources Use Only		
☐ Ins	ufficient information to initiate review. Additional information is needed in order to complete review.		
☐ No	Potential to cause Effects		
Comm	ents:		
	s change or resources are discovered in the course of this project, you must contact the Division of Historical Resourc		
Author	rized Signature: Date:		

Appendix III Tax Map, List of Abutters, Abutter Notification Letter, and Certified Mail Receipts



Tax Map—Lot Number Owner of Record

Subject Parcel(s)

Owner 173-2

Jay Bisognano

Cate Street Development LLC

60K Street

Boston, MA 02127

Abutters

173-9:

Owner: HOLLOWAY PAUL J AND DL AND PAUL S C/O COAST BUICK GMC

CADILLAC

Address: 500 US HYWY 1 BYPASS, PORTSMOUTH, NH 03801

173-3:

Owner: ANDERSON EDGAR W ANDERSON JANICE E Address: 224 CATE ST, PORTSMOUTH, NH 03801

173-10

Owner: AREC 13 LLC C/O U-HAUL INTERNATIONAL

Address: PO BOX 29046, PHOENIX, AZ 85038

172-1:

Owner: CATE STREET DEVELOPMENT LLC Address: 60 K STREET, BOSTON, MA 02127

163-37:

Owner: CITY OF PORTSMOUTH

Address: PO BOX 628, PORTSMOUTH, NH 03802

January 29, 2019

«Name» «Street» «TownStateZip»

Re: Cate St. Re-development

Map 172 Lot 1, Map 173 Lot 2 Map 165 Lots 33 & 34

Portsmouth, NH

Dear Abutter:

The purpose of this letter is to inform you that Torrington Properties has submitted a Dredge and Fill Application to the NH Department of Environmental Services for a Re-development project located at the intersection of Borthwick Ave and Route 1. The project is for 5,267 sf of bank restoration and storm water basin design. The property is shown on Portsmouth's assessor's maps as map 172 lot 1, map 173 lot 2 map 165 lots 33& 34. DES requires this notice for work within a wetland area. After filing, a copy of the final Application, including plans, will be made available for your review at the Portsmouth Town Hall and at the NH Department of Environmental Services Wetlands Bureau, 29 Hazen Drive, in Concord.

If you have any questions that we might be able to answer, please feel free to contact our office.

Sincerely,

Brenden Walden, CWS Gove Environmental Services, Inc.

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