<u>Application for Conditional Use</u> Conditional Uses and Buffer Reductions

Section 42.19 - <u>Conservation Overlay District</u> City of Rochester, NH

Date:		
Property information Tax man #: et #('s):	· Zoning district:	
Tax map #:; Lot #('s):		
Property address/location:		
Name of project (if applicable):		
Property owner		
Name (include name of individual):		
Mailing address:		
Telephone #:	Fax	
Applicant/developer (if different from proper Name (include name of individual):		
Mailing address:		
Telephone #:	Fax #:	
Engineer/designer Name (include name of individual):		
Mailing address:		
Telephone #:	Fax #:	1 2 2 2 4
Email address:	Professional license #:	
Proposed Project		
Please describe the proposed project:		
Please describe the existing conditions:		

(continued <u>Conditional Use</u> application Tax Map: Lot:)
*Please fill in one of the next two sections – for either <u>Conditional Uses</u> or <u>Buffer Reductions</u> *
Conditional Uses For Conditional Uses only, justify the proposal in terms of each of the criteria below (in accordance with subsection 42.19 (i) (1) (A)). All four criteria must be satisfied.
(i) The proposed construction is essential to the productive use of land not in the COD.
(ii) Design and construction methods will be such as to minimize impact upon the wetlands and will include restoration of the site consistent with the permitted use.
(iii) There is no feasible alternative route on land controlled by the applicant that does not cross the CO District nor has less detrimental impact on the wetlands. Nothing in this Section shall limit the applicant from exploring alternatives with abutting property owners.
(iv) Economic advantage is not the sole reason for the proposed location of work.
(Buffer Reductions on next page)

(continued <u>Conditional Use</u> application Tax Map: Lot:)
Buffer Reductions
For <u>Buffer Reductions</u> only, justify the proposal in terms of each of the criteria below (in accordance with subsection 42.19 (i) (2) (B)). All four criteria must be satisfied.
(i) The structure for which the exception is sought cannot feasibly, after consideration of all reasonable alternatives, be constructed on a portion or portions of the lot, which lie outside the CO district, or the application of the CO district eliminates greater than 50% of the buildable area located on the parcel or in the judgment of the Planning Board, the proposed site layout would result in a significantly higher quality design.
(ii) The proposed structure and use must be consistent with the purpose and intent of Section 42.19 and provisions must be made to ensure that drainage from the structure will not adversely impact any wetlands.
(iii) There shall be no impervious areas for parking within the reduced buffer for which the Conditional Use Approval is sought.
(iv) The maximum building coverage is limited to 50% of the outer half of the buffer zone, as shown in the diagram below.
(v) Best management practices must be demonstrated to the satisfaction of the Planning Board.

Submission of application

This application must be signed by the property owner, applicant/developer (if different from property owner), *and/or* the agent.

I(we) hereby submit this Conditional Use application to the City of Rochester Conservation Commission and Planning Board pursuant to the <u>City of Rochester Zoning Ordinance</u> and attest that to the best of my knowledge all of the information on this application form and in the accompanying application materials and documentation is true and accurate. As applicant/developer (if different from property owner)/as agent, I attest that I am duly authorized to act in this capacity.

Signature of property owner:	
	M // Date:
	Date.
Signature of applicant/developer:	
	Date:
Signature of agent:	
<u> </u>	'
	// Date:

Authorization to enter subject property

I hereby authorize members of the Rochester Conservation Commission and Planning Board, and other pertinent City departments, boards and agencies to enter my property for the purpose of evaluating this application including performing any appropriate inspections. This authorization applies specifically to those particular individuals legitimately involved in evaluating, reviewing, or inspecting this specific application/project. It is understood that these individuals must use all reasonable care, courtesy, and diligence when entering the property. (It is not necessary to sign this provision if a Planning Board application has been submitted.)

Signature of property owner: _		
	Date: _	

Conservation Commission Recommendation:		[office use only]
Name of project	Case #	
Recommendation:		
□ Approval		
 Approval with conditions 		
Denial		
Comments/recommended conditions:		
	 	
~		
Conservation Commission	date	· · · · · · · · · · · · · · · · · · ·
Planning Department	date	



BERRY SURVEYING & ENGINEERING

335 Second Crown Point Road Barrington, NH 03825 Phone: (603) 332-2863

Fax: (603) 335-4623 www.BerrySurveying.Com

December 14, 202

City of Rochester Planning & Development

Attn: Mr. Ryan O'Connor, Senior Planner

33 Wakefield Street Rochester, NH 03867

Re: Subdivision Submission

Roadrunner Real Estate, LLC

Elizabeth Dunnells 797 Portland Street Tax Map 108, Lot 50

Mr. O'Connor,

On behalf of the land owner and the applicant, Roadrunner Real Estate Development LLC, Berry Surveying & Engineering (BS&E) is submitting a Major Subdivision application for 797 Portland Street. This is commonly known as Tax Map 108, Lot 50 and contains usable frontage and land off Crowhill Road. It is important to note for the Planning Board members that the current plan submission is under consideration for Design Review, and the context of this narrative is based on a full subdivision submission that has taken place in the interim, while applying staff comments during the TRG Design Review period.

BS&E has conducted a complete boundary and existing conditions plan of the project site. Between the time the Design Review was filed and this application date, the boundaries were found to be different than the tax mapping assumed and is updated with this submission with a formal boundary survey. BS&E has hired Deidra Benjamin to conduct the wetlands delineation on site and is preparing a formal report to be submitted to the TRG as well as the wetlands bureau. In general, the natural state wetlands systems onsite are known as PF01/4E with some inclusions of PEM1E wetland areas. These larger complexes on and off site drain to a stream that eventually crosses under Crowhill Road and drains to the Salmon Falls River. There are areas of jurisdictional wetlands as noted on the existing conditions plan that are man made and ditched, which appears to have been done during the last logging activity onsite. This area is specifically found between 290 feet and 480 feet off Crowhill Road. Though these areas have now naturalized they are considered low quality and do not contain the same functions and values as the primary system. In addition, there is a man-

made conveyance channel that starts near the entrance on Crowhill and continues to the northwest, meandering on and off the subject parcel and abutting parcels. This channel is partially considered jurisdictional wetlands and the distinctions are made on the existing conditions plan. This channel connects and drains to the stream onsite and was a specific analysis point in the proposed conditions drainage analysis. John P. Hayes conducted a Site Specific Soils Map (SSSM) on site which is included in the project plan set. Much of the site is considered Group C soils with areas of A and B soils at the front of the site closest to Crowhill Road.

The project proposal is to construct a new roadway currently named Tibetan Drive to gain access to the buildable upland areas on site. After consultation with the TRG during the design review phase, the roadway and lot design has been modified to improve the layout as recommended by municipal staff. The project proposes a roadway that is 1,222.03 linear feet to the neck of the cul-de-sac to service 16 proposed lots. The cul-de-sac is proposed to be 24' wide and superelevated to the center. Each one of the lots is sized to allow for the construction of a duplex building, for a total of 32 units in the subdivision. The site design includes the anticipated foot prints for the duplex units which were specifically chosen based on lot size and development constraints. The project proposes municipal water throughout with each unit having dedicated curb stops with 1" water services. The site is serviced by onsite sewage disposal through the use of effluent disposal areas (EDA). Each unit is designed for 2 bedrooms with the EDA areas designed for 4-bedroom structures. The final design will likely include each unit having a dedicated tank.

The entrance to the road was intentionally offset from the abutting lot line to the north. There is an encroachment onto the subject parcel by the abutting land owner and to ensure proper buffering is provided the road is offset to account for grading, some additional proposed vegetation and natural vegetation to remain. White spruce trees are proposed as buffering along with the required street trees shown on the enclosed site plans. The mail cluster box is also provided in this general area being about 100 from the intersection.

The site currently sees a large amount of offsite flow which enters the wetlands at the southern boundary and flows through the front portion to the man-made channel that then traverses through the abutting lots. The proposed design accounts for this flow and removes much of the flow to this channel and re-directs it to a large subsurface gravel wetland. The developed site is designed with closed drainage that is directed to the gravel wetland for treatment and attenuation. Due to the design the channel that directly affects the abutting land owners sees a reduction in flow and volume, and due to the gravel wetland, the final analysis point is also reduced in flow and volume. These reductions are seen at all modeled storm events up to the 100 year/ 24hr storm.



BERRY SURVEYING & ENGINEERING

335 Second Crown Pt. Rd., Barrington, NH 03825 (603) 332-2863 / (603) 335-4623 FAX www.BerrySurveying.Com The proposed gravel wetland and other smaller detention facilities are to be owned and operated by the owner until such time as units are sold.

An HOA will be submitted for review and approval so that at such time as the units are sold the HOA is in place to take control of the drainage systems outside of the road right of way. It is understood that the City of Rochester is not accepting drainage ponds due to increased maintenance concerns. Due to the proximity to the abutting boundary, and the obvious use by the abutting land owners, the gravel wetland berm is proposed to be shielded by 6' White Spruce trees. The outlet to the pond is designed with a large level spreader set above seasonal high-water table to promote infiltration into the better soil along the rear of the site.

The project proposes a wetland crossing as well as multiple conditional use buffer impacts. These are noted on the site plans and will be further detailed in a Conditional Use Application and a Standard Wetlands Minor Impact application to NHDES Wetlands bureau. BS&E has filed with the Natural Heritage Bureau (NHB22-2667) with no species of concern noted. No additional Fish and Game (F&G) interaction is required for either the wetlands permit or the required Alteration of Terrain Permit. The wetlands crossing, given its width as well as its function and value has been designed with two culverts. One is proposed to be a 24" reinforced concrete culvert (RCP) with a bury depth of 0.5 feet and the other is a 36" reinforced concrete culvert (RCP) with a bury depth of 0.5 feet. The culverts are spread out in the crossing area to reduce channelization. The bury depths are provided to simulate natural bottom wetland systems and the RCP pipes are typically required by (F&G). Headwalls are used to limit the disturbance in the wetland areas, and are used to improve inlet efficiency in other areas of the project site. Slopes within the wetland crossing are proposed as 1.5:1 and will be matted with a natural fiber matting with natural stakes. In all areas natural products are used for sediment & erosion controls with preference given to mulch berms and silt socks over conventional silt fencing. The remaining areas of conditional use impacts are largely in areas of man-made channels and ditches and do not directly impact natural wetland systems. Since the initial Conservation Meeting, based upon staff comment due to the sensitivity of the project with abutting landowners, that Subsurface Gravel Wetland #101 (stormwater treatment for the project) be further increase in volume to provide an additional factor of safety to the design. To comply with City staff requests on increase this stormwater pond volume requires approximately 3,000 Sq. Ft. more disturbance within the 25/50' wetland buffers than originally submitted to the Conservation Commission. This stormwater pond modification was discussed at the initial meeting with the commission, as the concerns of the abutting landowners were brought up at the meeting.

At the 25' buffer stones / boulders are proposed in sensitive areas adjacent to residential uses to provide a visual barrier to the protected resources. Additionally, the



BERRY SURVEYING & ENGINEERING

335 Second Crown Pt. Rd., Barrington, NH 03825 (603) 332-2863 / (603) 335-4623 FAX www.BerrySurveying.Com City of Rochester Wetland Buffer signs are proposed along the same 25' buffer to ensure people are aware of requirements.

As was recommended during the Design Review process, the site design now contemplates refuse and recyclable toter locations for certain driveways given the operational constraints. The construction details provide for raised planters, however placement onsite for their passive use needs to be considered.

The project has been submitted to the Division of Historical Recourses (DHR) on August 9th, 2022. The response from DHR was that there were no concerns with the project.

Coordination efforts have been started with Eversource as well as the City of Rochester water department for availability and letters to serve.

Thank you for your time and attention to this matter.

BERRY SURVEYING & ENGINEERING

Christopher R. Berry Principal, President



Wetland Delineation Report Crow Hill Road and Portland Street, Rochester, NH Tax Map 108, Lot 50

On May 14th, 21st and 25th I was on the above referenced property to complete a wetland delineation. The wetlands onsite were delineated using the following standards:

- Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region, (Version 2.0) January 2012, U.S. Army Corps of Engineers.
- 2. Field Indicators of Hydric Soils in the United States, A Guide for Identifying and Delineating Hydric Soils, Version 8.2, 2018, United States Department of Agriculture
- 3. Regional Wetland Plant List, Version 3.5, 2020. U.S. Army Corps of Engineers.

All wetlands were demarcated in the field using pink flagging utilizing alphanumeric sequencing. Seven wetlands were identified and will be addressed in this report

Wetland 1

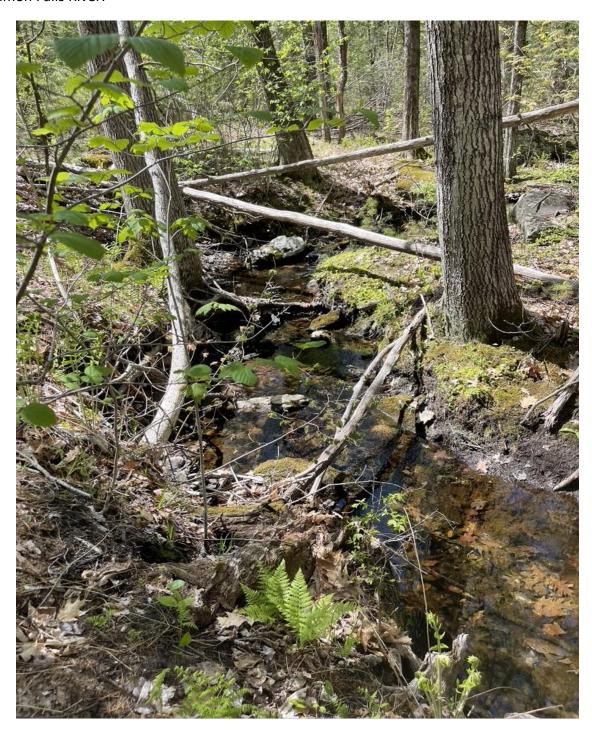
This wetland is located in the southeastern corner of the property. The majority of this wetland is classified as a palustrine, forested with wetland with broad-leaved deciduous and needle-leaved evergreen plant cover and that is seasonally flooded/saturated (PFO1/4E). The remaining portions of the wetland show evidence of past disturbance and are classified as PFO1/4Ed, where the "d" notation is for systems that have been partly drained or ditched.

The soils found in this wetland meets the criteria of hydric soil indicator F6, Redox Dark Surface. The dominant vegetation in this wetland consists largely of red maple (*Acer rubrum*) and eastern hemlock (*Tsuga canadensis*) in the tree strata. Other vegetation observed include high bush blueberry (*Vaccinium corymbosm*), witch hazel (*Hamamelis virginiana*), sensitive fern (*Onoclea senssibilis*) and a variety of Carex species. This wetland system was separate for the larger onsite wetland system and presented evidence of significant past disturbance.

Wetland 2 and Wetland 3

Wetland 2 and Wetland 3, as shown on the attached plan, are part of an overall large wetland system. This is a very large, forested wetland system that covers the majority of the western and central portions of the site and extends to adjoining properties. This wetland system is classified as a palustrine, forested with wetland with broad-leaved deciduous plant cover and that is seasonally flooded/saturated (PFO1E). There are inclusions of palustrine, emergent with persistent vegetation that is seasonally flooded/saturated (PEMIE). These areas of emergent vegetation were interspersed with the overall forested system and found mainly along the southern property boundaries.

Wetland 2 drains from south to north, eventually channelizing near the northern property boundary. This system is classified as riverine, lower perennial with an unconsolidated bottom that is permanently flooded (R2UBH). This portion of the system quickly drains off of the property and under Crow Hill Road where it travels another 1,500 feet before draining into the Salmon Falls River.



This is a view of the outlet of Wetland 2.



The photo to the left is representative of the soils found around the site, including in Wetland 2 and Wetland 3. The soil profile consisted of an A Horizon of 10YR 2/1 followed by a layer of 10YR 5/1 with high chroma redox. This met the criteria of hydric soil indicator A11, Depleted Below a Dark Surface. The vegetation in this system was dominated by red maple. Other species present in this wetland are eastern hemlock, fringed segde (*Carex crinita*) and sensitive fern.

Where this wetland connected to the eastern property boundary there was significant evidence of offsite disturbance directly contributing to the amount of runoff entering the delineated property. This increased stormwater flow was evident in wetland 2 and in the surrounding upland areas.

Wetland 4 and Wetland 5

Wetland 4 and Wetland 5 are pocket wetland systems that are distinct from Wetland 2 and from each other. They are grouped together in this report because, though separated from each, they share the same characteristics. These wetlands are located near the southeastern boundary. Both wetlands are classified as a palustrine, forested with wetland with broadleaved deciduous and needle-leaved evergreen plant cover and that is seasonally flooded/saturated (PFO1/4E).

Similar to Wetland 1, the soils in these wetlands consisted of dark A Horizons with redox features present at the surface. There was minimal understory vegetation in these systems. They were primarily dominated by red maple and eastern hemlock.

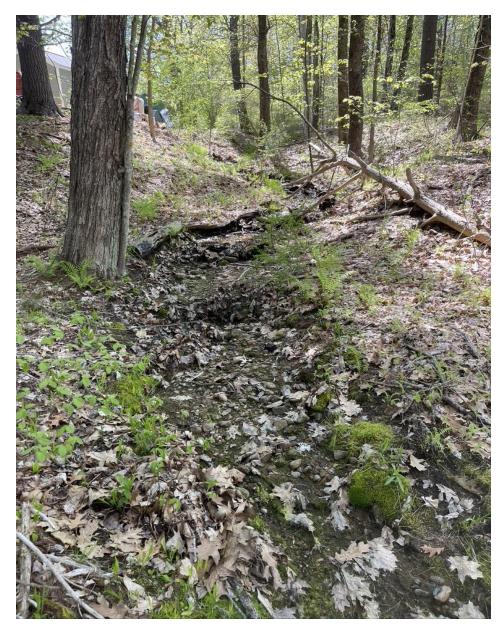


This photo shows the dominant hemlock vegetation found in Wetlands 4 and 5.

Wetland 6 and 6A

Wetland 6 and 6A is a ditched wetland that runs along the northeastern property boundary. This system drains from east to west, connecting with the outlet from Wetland 2 and eventually with Wetland 7. Wetland 6 is the upper portion of this wetland and it runs behind lots 35, 36 and 37 on tax map 108. Wetland 6 has been excavated in the past, likely in an effort to convey water to Wetland 2 and Wetland 7. Wetland 6A is connected to Wetland 6 and picks up behind lot 38, where it continues west, ultimately draining into the outlet of Wetland 2. Wetland 6A is differentiated from Wetland 6 because they system appears less manipulated in this section. Wetland 6 is classified as a palustrine system with an unconsolidated shore, cobble-gravel

bottom that is seasonally flooded that has been excavated (PUS1Cx). Wetland 6A is classified as the same, but without the excavation modifier, PUS1C.



The photo to the left shows Wetland 6A. This system has less than 30% vegetative cover throughout and consists mainly of an exposed cobble-gravel bottom.

Wetland 7

Wetland 7 is an intermittent stream that runs the northwestern property boundary. The stream drains out of Wetland 2 from the back western corner of the property and then travels north where it converges with the riverine system from Wetland 2 off the property. This system is classified as riverine, intermittent with a stream bed bottom that is seasonally flooded (R4SBC).

Conclusion

It should be noted that there are signs of significant past disturbance throughout this property, including old access road and lots of ruts from heavy equipment. As a result, the parcel was thoroughly reviewed on three separate field days. Many of the old access roads and ruts pond water after rain events, but do not have hydric soil or hydrophytic vegetation. The photos below show upland vegetation and upland soils in areas of past disturbance.





If there are any questions, please let me know.

Thank you,



Deidra Benjamin CWS

Vernal Pool Report Crow Hill Road and Portland Street, Rochester, NH Tax Map 108, Lot 50

On May 14th, 21st and 25th I was on the above referenced property to complete a wetland delineation. During those visits I also surveyed the onsite wetlands for any vernal pools.

All onsite wetlands were flagged and for the purposes of this report and the wetland delineation report, the systems were broken up and numbered. Overall, there were 7 wetland systems found onsite. None of the onsite wetlands were vernal pools or had vernal pool inclusions.

Wetland systems 1, 2, 3, 4 and 5 are all forested wetland systems. The soil throughout these wetlands were saturated, but none had standing water. Based on the time of year of the survey, standing water would need to be present in order for there to be an appropriate hydroperiod to support a vernal pool community. The photo to the right is a representative depiction of the forested systems found onsite.

Wetland 2 was the largest wetland onsite and it has a permanent flowing outlet that ultimately discharges to the Salmon Falls River. Wetland 6 and 6A is a palustrine system that seasonally floods. This system has a permanent outlet that drains into Wetland 2. The last wetland identified onsite is



an intermittent stream along the northwestern property boundary. This is a seasonally flowing system with a permanent outlet. The photo below shows the channelized portion of Wetland 2.



Conclusion

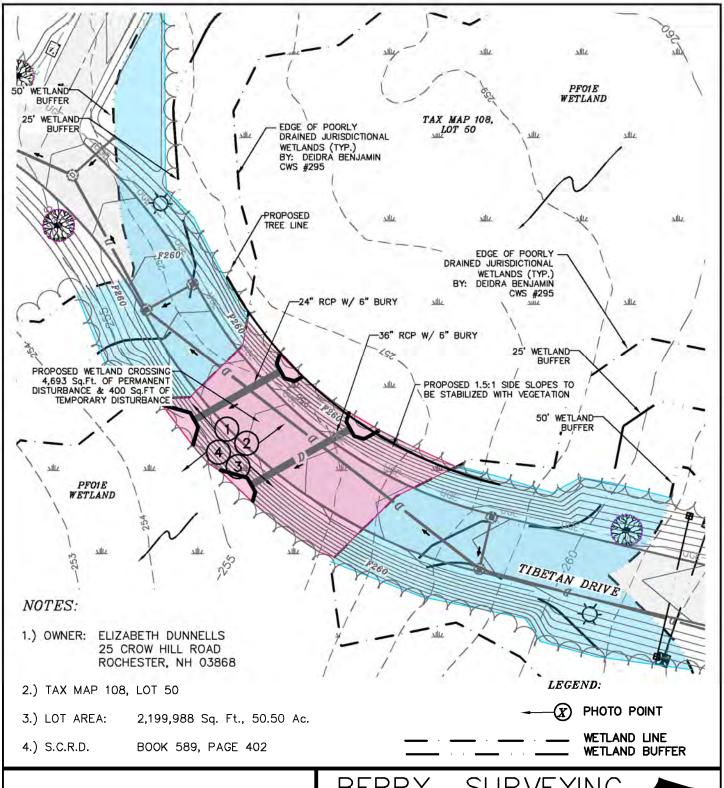
In conclusion, the wetland systems found on the above referenced parcel do not support vernal pool habitat. The forested systems do not have the appropriate hydroperiod for vernal pool species to breed and develop and the riverine systems are flowing systems with permanent outlets.

If there are any questions, please let me know.

Thank you,



Deidra Benjamin CWS



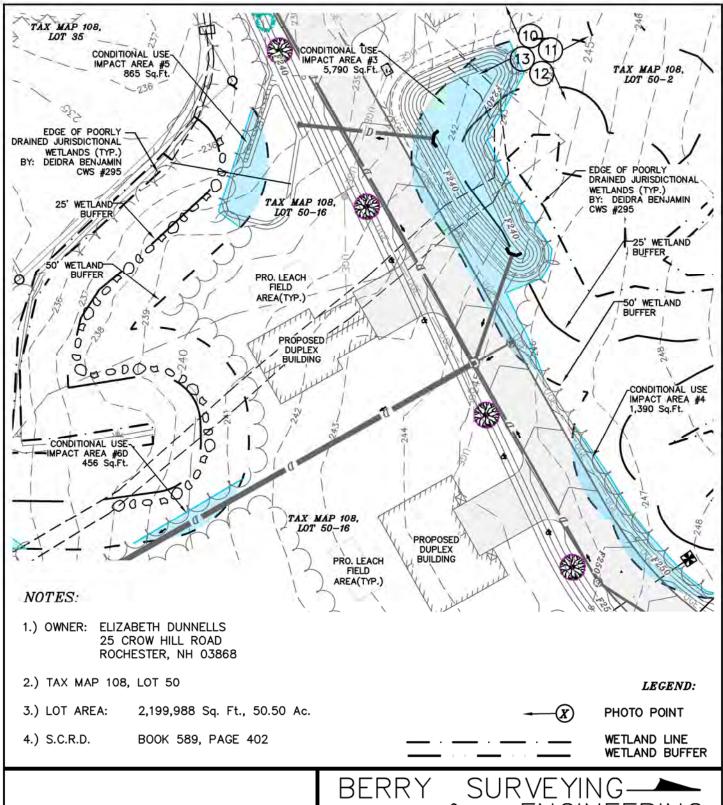
WETLAND DISTURBANCE
CONDITIONAL USE IMPACT AREAS
ROADRUNNER REAL ESTATE
DEVELOPMENT, LLC
797 PORTLAND STREET
ROCHESTER, N.H.
TAX MAP 108, LOT 50

BERRY SURVEYING & ENGINEERING

335 SECOND CROWN POINT RD.
BARRINGTON, N.H. 332-2863

SCALE: 1 IN. EQUALS 40 FT.

DATE: AUGUST 23, 2022



CONDITIONAL USE IMPACT AREAS
ROADRUNNER REAL ESTATE
DEVELOPMENT, LLC
797 PORTLAND STREET
ROCHESTER, N.H.
TAX MAP 108, LOT 50

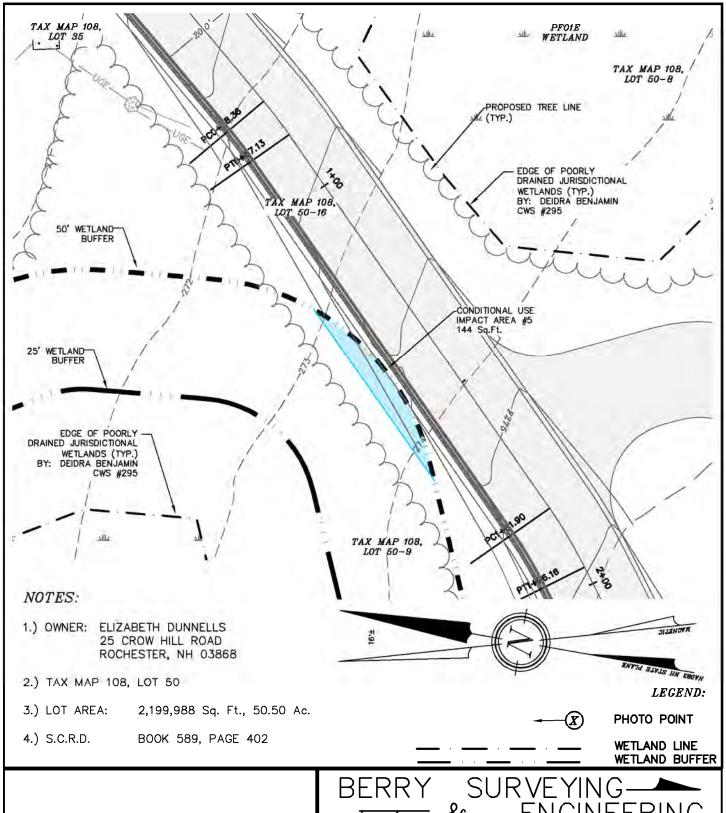
REV. DATE: OCTOBER 20, 2022

BERRY SURVEYING & ENGINEERING

335 SECOND CROWN POINT RD. BARRINGTON, N.H. 332-2863

SCALE: 1 IN. EQUALS 50 FT.

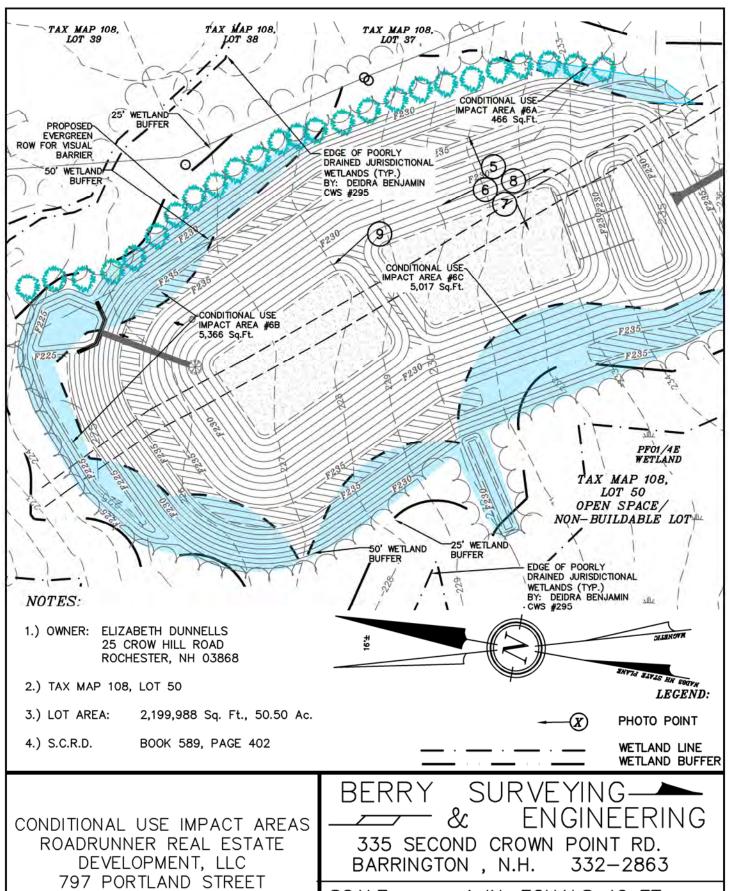
DATE: AUGUST 23, 2022



CONDITIONAL USE IMPACT AREAS
ROADRUNNER REAL ESTATE
DEVELOPMENT, LLC
797 PORTLAND STREET
ROCHESTER, N.H.
TAX MAP 108, LOT 50

SCALE: 1 IN. EQUALS 20 FT.

DATE: AUGUST 23, 2022



ROCHESTER, N.H. TAX MAP 108, LOT 50

REV. DATE: OCTOBER 20, 2022

SCALE 1 IN. EQUALS 40 FT.

AUGUST 23, 2022 DATE

#1



#2



#3



#4



PROJECT PICTURES
ROADRUNNER REAL ESTATE
DEVELOPMENT, LLC
797 PORTLAND STREET
ROCHESTER, N.H.
TAX MAP 108, LOT 50

SCALE: NONE

DATE: AUGUST 23, 2022

#5



#6



#7



#8



#9



PROJECT PICTURES
ROADRUNNER REAL ESTATE
DEVELOPMENT, LLC
797 PORTLAND STREET
ROCHESTER, N.H.
TAX MAP 108, LOT 50

SCALE: NONE

DATE: AUGUST 23, 2022

#10



#11



#12



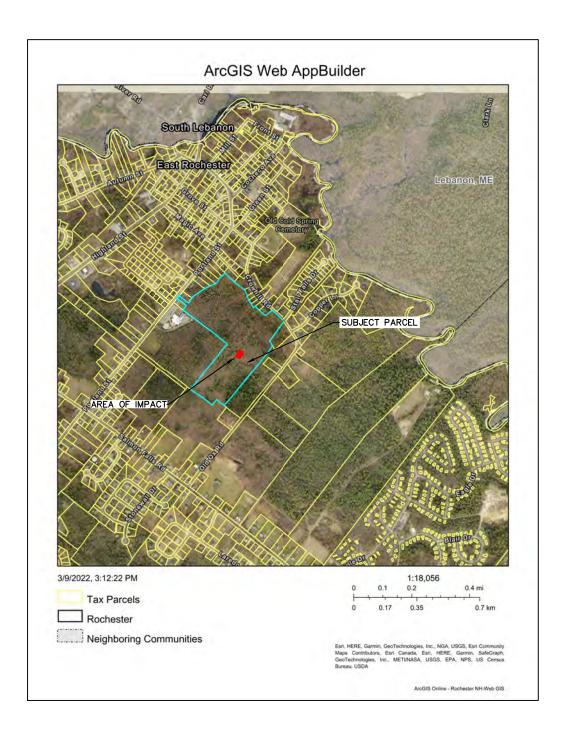
#13



PICTURES
ROADRUNNER REAL ESTATE
DEVELOPMENT, LLC
797 PORTLAND STREET
ROCHESTER, N.H.
TAX MAP 108, LOT 50

SCALE : NONE

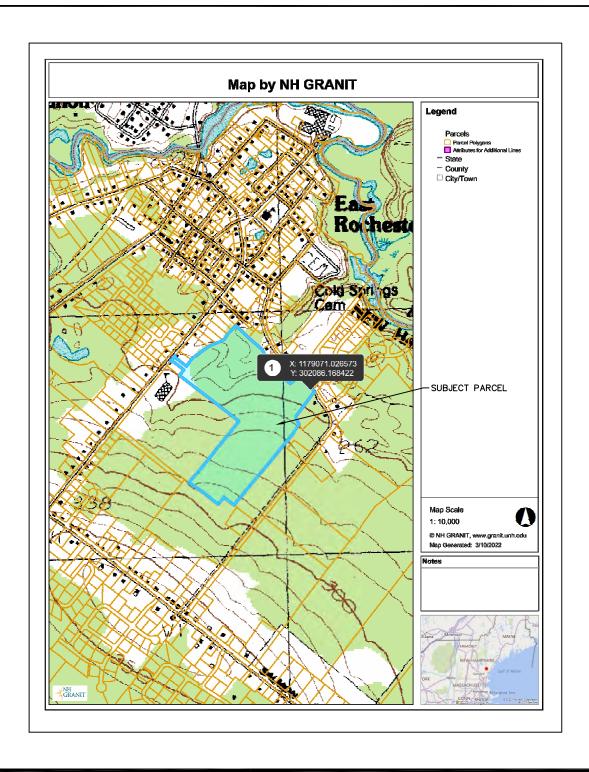
DATE: AUGUST 23, 2022



TAX MAP
ROADRUNNER REAL ESTATE
DEVELOPMENT, LLC
797 PORTLAND STREET
ROCHESTER, N.H.
TAX MAP 108, LOT 50

SCALE : NONE

DATE: AUGUST 23, 2022



USGS MAP
ROADRUNNER REAL ESTATE
DEVELOPMENT, LLC
797 PORTLAND STREET
ROCHESTER, N.H.
TAX MAP 108, LOT 50

SCALE: NONE

DATE: AUGUST 23, 2022

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

RECEIVED AUG 1 1 2022

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 Crow Hill Housing Development
Project Location 797 Portland St
City/Town Rochester Tax Map 108 Lot # 50
NH State Plane - Feet Geographic Coordinates: Easting 1178463 Northing 301791 (See RPR Instructions and R&C FAQs for guidance.)
Lead Federal Agency and Contact (if applicable) US EPA NOI (Agency providing funds, licenses, or permits) Permit Type and Permit or Job Reference #
State Agency and Contact (if applicable) NH DES Permit Type and Permit or Job Reference # Wetland Permit
APPLICANT INFORMATION
Applicant Name Elizabeth Dunnells
Mailing Address 25 Crow Hill Rd Phone Number
City Rochester State NH Zip 03868 Email
CONTACT PERSON TO RECEIVE RESPONSE
Name/Company Berry Surveying & Engineering
Mailing Address 335 Second Crown Point Rd Phone Number 6033322863
City Barrington State NH Zip 03825 Email K.Berry@BerrySurveying.com

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. Please include a self-addressed stamped envelope. 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, www.nh.gov/nhdhr/review Specialist please visit our website at: R&Cmarika.s.labash@dncr.nh.gov or 603.271.3558.

when as I gran	E PROCESSED WITHOUT THIS INFORMATION
PROJECTS CANNOT B	E PROCESSED WITHOUT
ect Boundaries and Description	ing EMMIT or relevant portion of a 7.5' USGS Map. (See RPR guidance.)
Attach a detailed narrative description. The site plan is Attach a site plan. The site plan is Attach photos of the project area specific areas of proposed impacts A DHR records search must be of Provide records search results website.) Please note, using Enecessary information needed from the provide records search results website.	should include the project boundaries and areas at a reason and should include the project location and area adjacent to project location, and a (overview of project location and area adjacent to project location, and a start and disturbances.) (Informative photo captions are requested.) as an adjacent to the project area. Informative photo captions are requested.) (Informative photo captions are requested.) as an adjacent to the project area.
Architecture	(bridges, walls, culverts, etc.) objects, districts or landscapes within the
A Citatoria	(bridges, walls, culverts, etc.) objects, utsures
If no, skip to Archaeology sect	ion. If yes, submitted the second sec
	e or streetscape located within the project area, with captions, along with all photographs are accepted. All photographs must be clear, crisp and bilitation, demolition, additions, or alterations to existing buildings of the photographs showing detailed project work locations. (i.e. Detail photogent is proposed.)
To make	avolve ground-disturbing activity? X Yes No
If yes, submit all of the real	
Available information conce	previous land use and disturbances. Erning known or suspected archaeological resources within the project ar foundations, dams, etc.)
	projects an architectural and/or archaeological survey or other tion may be needed to complete the Section 106 process.
additional information and additional	ommendation This Space for Division of Historical Resources Use Only
☐ Insufficient information to initia	- a ded in order to complete
review. No Potential to cause Effects	No Historic Properties Affected No Adverse Effect Adverse Eff
Historical Resources as required by	scovered in the course of this project, you must contact the Division of y federal law and regulation.
Authorized Signature:	in hello DEMPU Date: 8/19/22

New Hampshire Natural Heritage Bureau NHB DataCheck Results Letter

To: Kenneth Berry

Berry Surveying & Engineering 335 Second Crown Point Road

Barrington, NH 03825

From: NH Natural Heritage Bureau

Date: 8/9/2022 (This letter is valid through 8/9/2023)

Re: Review by NH Natural Heritage Bureau of request dated 8/9/2022

Permit Types: Alteration of Terrain Permit

Wetland Standard Dredge & Fill - Minor

General Permit

NHB ID: NHB22-2667

Applicant: Kenneth Berry

Location: Rochester

Tax Map: 108, Tax Lot: 50 Address: 797 Portland Street

Proj. Description: 1200 Linear Feet of Road to gain access to a 16 Lot Subdivision

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.

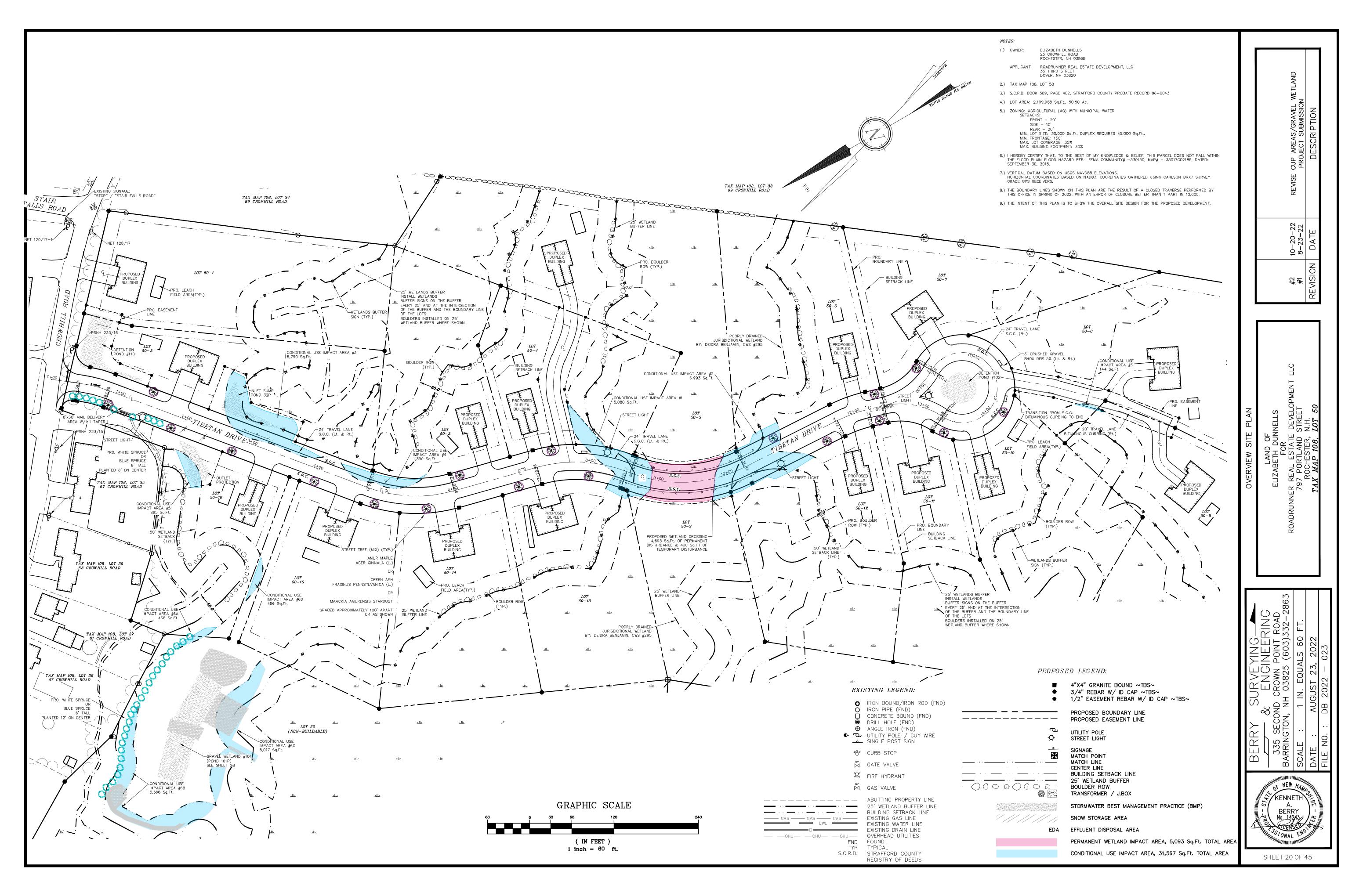
A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed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

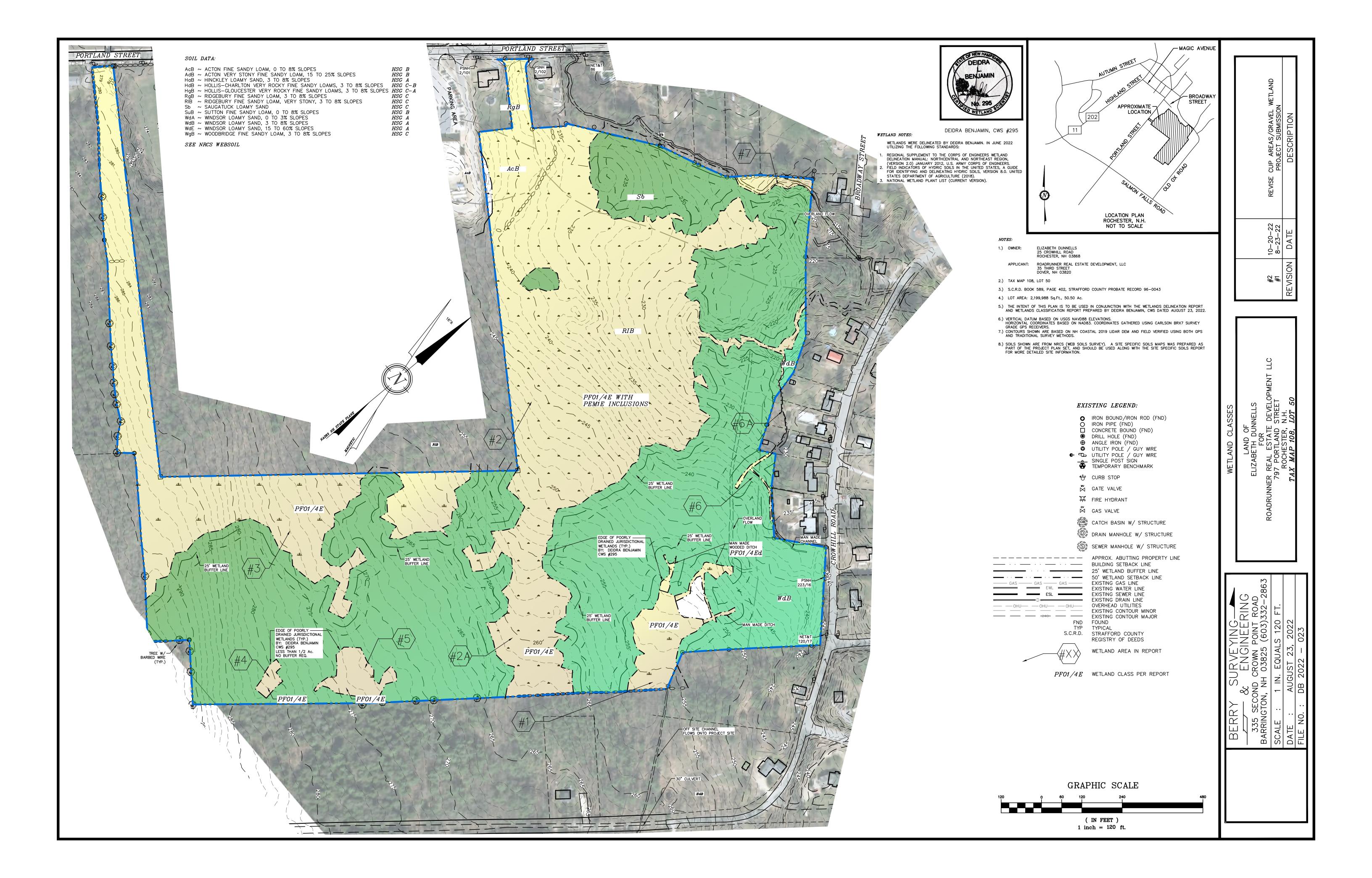
Based on the information submitted, no further consultation with the NH Fish and Game Department pursuant to Fis 1004 is required.

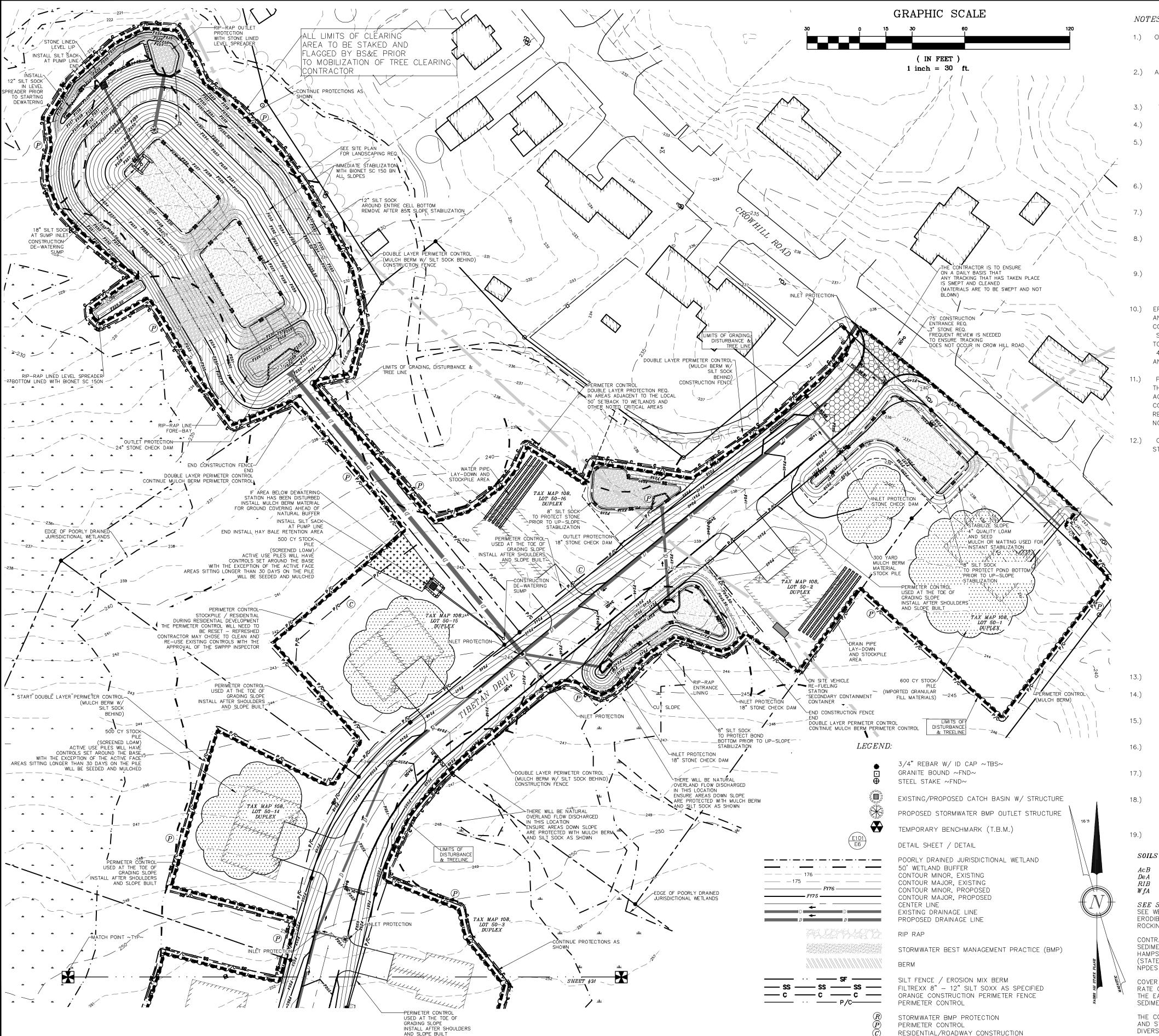
New Hampshire Natural Heritage Bureau NHB DataCheck Results Letter

MAP OF PROJECT BOUNDARIES FOR: NHB22-2667









NOTES:

1.) OWNER: ELIZABETH DUNNELLS 25 CROW HILL ROAD ROCHESTER, NH 03868

2.) APPLICANT: ROADRUNNER REAL ESTATE DEVELOPMENT LLC, 35 THIRD STREET

3.) THE PROJECT PARCEL IS TAX MAP 108, LOT 50

DOVER, NH 03820

- 4.) LOT AREA: 2,199,988 Sq.Ft., 50.50 Ac.
- UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTECTING ANY ABOVE AND BELOW GROUND UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ANY UTILITY CONFLICTS SHOULD BE REPORTED IMMEDIATELY TO THE DESIGN ENGINEER.
- THE CONTRACTOR SHALL CALL AND COORDINATE WITH DIGSAFE AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE PROPERTY.
- ALL DRAINAGE PIPE IS TO BE HDPE N-12. INDIVIDUAL PIPE SIZES ARE SPECIFIED ON GRADING AND DETAIL PLAN SHEETS, GREEN PIPE.
- ALL ELEVATIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE DESIGN ENGINEER IS TO BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY. TEMPORARY BENCHMARKS (T.B.M.) ARE TO BE PROVIDED BY THE DESIGN ENGINEER.
- UPON FINAL COMPLETION AND 85% STABILIZATION, THE DRAINAGE SYSTEM IS TO BE CLEANED OF ALL DEBRIS. SEDIMENT CONTROL PRACTICES REMOVED AND DISPOSED OF PROPERLY, AND ANNUAL MAINTENANCE PREFORMED ON ALL DRAINAGE PRACTICES.
- EROSION AND SEDIMENT CONTROL INSPECTIONS TO BE CONDUCTED ONCE PER EVERY SEVEN DAYS AND AT AN INCREASED FREQUENCY INCLUDING WITHIN 24-HOURS OF A 0.25 INCH RAIN EVENT. INSPECTIONS TO BE CONDUCTED BY A "QUALIFIED PERSON" AS DEFINED BY EPA CGP 4.1.1 AND INSPECTION REPORTS
 - TO THE CITY OF ROCHESTER, NH, ENGINEERING DEPARTMENT WITHIN 24 HOURS IN ACCORDANCE WITH CGP

AND MAINTAINED BY THE OWNER FOR A PERIOD OF THREE YEARS AFTER THE PROJECT IS COMPLETED.

- PER EPA CGP Z.1.2.2 (INSTALL PERIMETER CONTROL), "YOU MUST INSTALL SEDIMENT CONTROLS ALONG THOSE PERIMETER AREAS OF YOUR SITE THAT WILL RECEIVE STORMWATER FROM EARTH DISTURBING ACTIVITIES." AS A RESULT OF SWPPP INSPECTIONS, THE CONTRACTOR MAY HAVE TO EXPAND PERIMETER CONTROLS TO MEET THIS REQUIREMENT. THE E&SC PLAN IS INITIAL GUIDANCE AS TO THE ANTICIPATED REQUIREMENTS AND IT THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT STORMWATER VIOLATION DO NOT OCCUR. (CGP - CONSTRUCTION GENERAL PERMIT)
- CITY OF ROCHESTER: IN ACCORDANCE WITH SITE PLAN REVIEW REGULATIONS THE FOLLOWING STORMWATER MEASURES ARE REQUIRED.
 - A.) ALL PROPOSED BMPs WILL CONFORM TO THE NH STORMWATER MANUAL VOLUME 3. B.) EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY SOIL LAND DISTURBANCE AND MUST BE REVIEWED AND APPROVED BY COMMUNITY SERVICE.
 - C.) TEMPORARY STABILIZATION MEASURES SHOULD BE IN PLACE WITHIN SEVEN CALENDAR DAYS FOR EXPOSED SOILS AREAS THAT ARE WITHIN ONE HUNDRED FEET OF A SURFACE WATER BODY OR A WETLAND AND NO MORE THAN 14 CALENDAR DAYS FOR ALL OTHER AREAS. PERMANENT STABILIZATION SHOULD BE IN PLACE WITHIN THREE CALENDAR DAYS FOLLOWING COMPLETION OF FINAL GRADING OF EXPOSED SOKL AREAS.
 - D.) ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN FUNCTIONING CONDITION UNTIL FINAL STABILIZATION IS ACCOMPLISHED.
 - E.) COMMUNITY SERVICES DEPARTMENT OR THEIR DESIGNATED AGENT SHALL HAVE ACCESS TO TH SITE TO COMPLETE ROUTINE INSPECTIONS AND SHALL BE NOTIFIED 24-HOURS PRIOR TO INSTALLATION OF A STORMWATER BMP IN ORDER TO SCHEDULE AN INSPECTION, DURING NORMAL
 - WORKING HOURS. F.) THE PLANNING BOARD OR COMMUNITY SERVICES MAY REQUIRE THE DESIGN ENGINEER AND/OR AN INDEPENDENT, THIRD—PARTY INSPECTION AND OVERSIGHT OF THE CONSTRUCTION OF STORMWA MANAGEMENT FACILITIES AND EROSION AND SEDIMENT CONTROL AT THEIR DISCRETION. THE OWNER APPLICANT IS RESPONSIBLE FOR ALL FEES ASSOCIATED WITH INSPECTIONS.

G.) ALL SWPPP INSPECTIONS MUST BE CONDUCTED BY A QUALIFIED PROFESSIONAL SUCH AS A PROFESSIONAL ENGINEER (PE), A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC), A CERTIFIED EROSION SEDIMENT AND STORMWATER INSPECTOR (CESSWI), OR A CERTIFIED PROFESSIONAL IN STORMWATER QUALITY (CPSWQ). INSPECTION REPORTS WILL BE SUBMITTED TO THE COMMUNITY SERVICES DEPARTMENT.

CONTRACTOR IS REQUIRED TO HAVE A CONSTRUCTION ENTRANCE. 3" STONE IS REQUIRED.

- CONTRACTOR IS RESPONSIBLE FOR SWEEPING THE ROADWAY, SIDEWALKS AND ANYTHING DISTURBED, TO ENSURE THAT NO SEDIMENT IS BEING TRACKED ONTO CROWHILL ROAD.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING AND MAINTAINING THE INLET PROTECTION ONCE INSTALLED.
- FUGITIVE DUST IS TO BE CONTROLLED THROUGHOUT THE CONSTRUCTION PROCESS IN ACCORDANCE WITH ENV-A 1000.
- CONTRACTOR IS TO MEET THE REQUIREMENTS SPECIFIED IN RSA 430:51-57 AND AGR 3800, RELATING TO INVASIVE SPECIES.
- CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE WATER QUALITY FROM ANY RUN OFF DURING THE CONSTRUCTION PROCESS, IN ACCORDANCE WITH ENV-WQ 1507, IN ORDER TO PREVENT
- WINTER STABILIZATION NOTES ARE INCLUDED ON SHEET E-102 TO INCLUDE THE LIMIT OF ONE ACRE OF UNSTABILIZED SOIL AFTER OCTOBER 15TH.

SOILS & DEWATERING:

SILT LOAM K= 0.43ACTON (VERY STONY) SILT LOAM K= 0.17DEERFIELDRIDGEBURYSILT LOAM K= 0.24WINDSORSILT LOAM K= 0.17

SEE SITE SPECIFIC SOILS MAP (SSSM) SEE WEBSOIL USDA-NRCS

ERODIBILITY FACTOR - K, CPESC MANUAL, ENVIROCERT INTERNATIONAL INC. & ROCKINGHAM COUNTTY SOIL SURVEY, ROCKWEB SOIL ATTRIBUTES.

VIOLATIONS OF THE STORM WATER QUALITY STANDARDS.

CONTRACTOR TO BE AWARE OF THE SOIL PROFILES AND ENSURE THAT PROPER EROSION PREVENTION AND SEDIMENT CONTROL MEASURES ARE TAKEN AT ALL TIMES. ANY DEWATERING REQUIREMENTS IN NEW HAMPSHIRE REQUIRE SPECIAL PROVISIONS IN ACCORDANCE WITH THE "CLARIFICATION OF SECTION 9.1.2 (STATE OF NEW HAMPSHIRE CONDITIONS) AND OTHER NH SPECIFIC INFORMATION FOR THE U.S. EPA 2012 NPDES CONSTRUCTION GENERAL PERMIT (CGP)" DATED MAY 3, 2012 INCLUDED IN THE SWPPP.

COVER MANAGEMENT DURING CONSTRUCTION FOR EXPOSED SOIL WILL INCLUDE HAY / STRAW APPLIED AT A RATE OF 2.0 TONS PER ACRE, TEMPORARY SEEDING OF ANNUAL RYE GRASS, AND PERMANENT SEEDING AT THE EARLIES OPPORTUNITY. SEE ADDITIONAL REQUIREMENT FOR STABILIZATION ON THE EROSION AND SEDIMENT CONTROL DETAIL SHEETS, E-101 AND E-102.

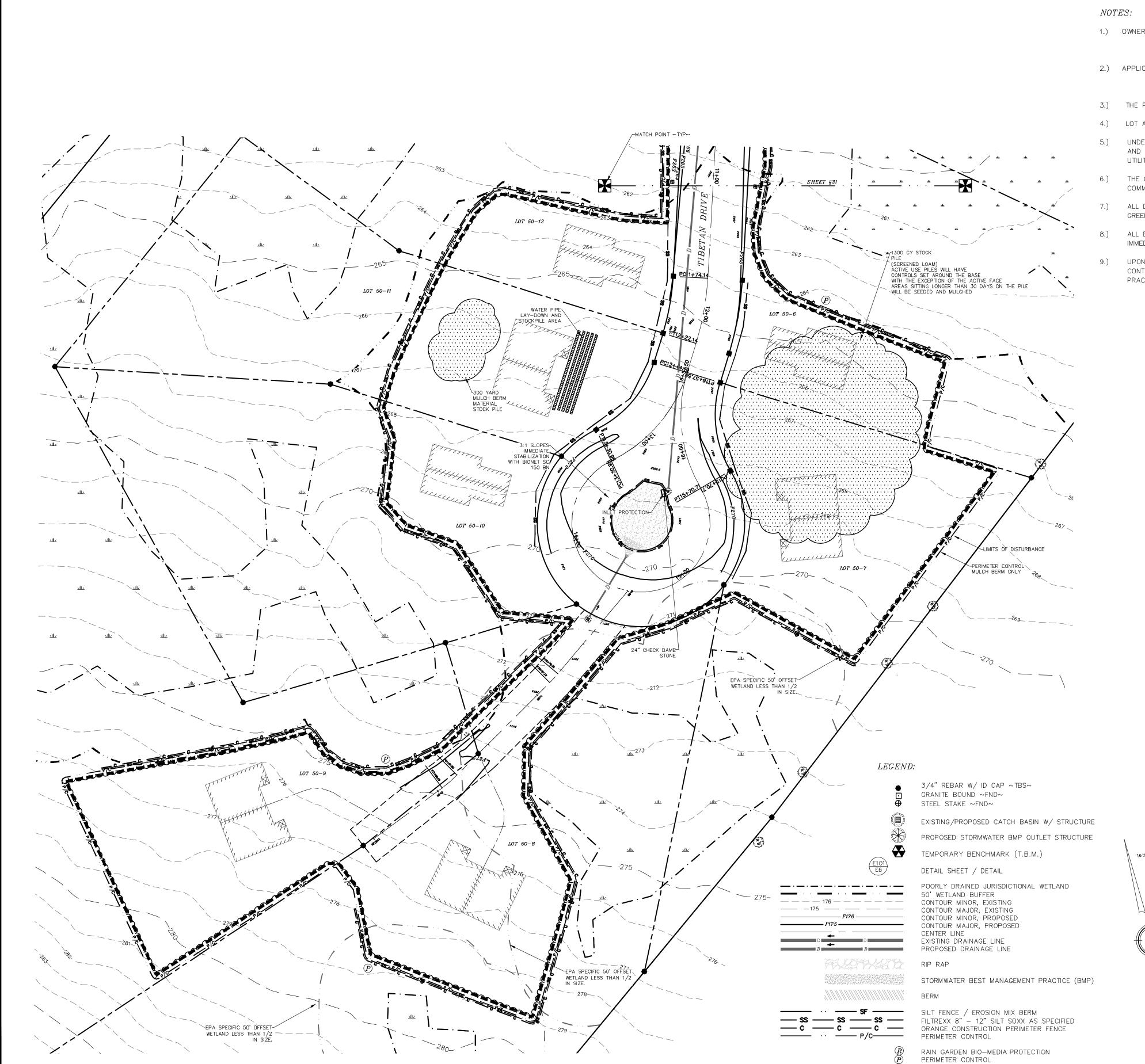
THE CONSTRUCTION SCHEDULE WILL BE MANAGED SO THAT ALL STORMWATER STRUCTURES WILL BE BUILT AND STABILIZED PRIOR TO RECEIVING SURFACE WATER RUNOFF. CONTRACTOR TO BE RESPONSIBLE FOR ALL DIVERSIONS DURING CONSTRUCTION AND FOR INTERIM SEDIMENT AND EROSION CONTROL MEASURES.

⁶ − 8

YIN (INEE Poin (

SC \mathbf{m} OF NEW HAM KENNETH BERRY No. 14243

SHEET 30 OF 45



1.) OWNER: ELIZABETH DUNNELLS 25 CROW HILL ROAD ROCHESTER, NH 03868 GRAPHIC SCALE

2.) APPLICANT: ROADRUNNER REAL ESTATE DEVELOPMENT LLC, 35 THIRD STREET DOVER, NH 03820

(IN FEET) 1 inch = 30 ft.

- 3.) THE PROJECT PARCEL IS TAX MAP 108, LOT 50
- 4.) LOT AREA: 2,199,988 Sq.Ft., 50.50 Ac.
- 5.) UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTECTING ANY ABOVE AND BELOW GROUND UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ANY UTILITY CONFLICTS SHOULD BE REPORTED IMMEDIATELY TO THE DESIGN ENGINEER.
- THE CONTRACTOR SHALL CALL AND COORDINATE WITH DIGSAFE AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE PROPERTY.
- 7.) ALL DRAINAGE PIPE IS TO BE HDPE N-12. INDIVIDUAL PIPE SIZES ARE SPECIFIED ON GRADING AND DETAIL PLAN SHEETS, GREEN PIPE.
- ALL ELEVATIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE DESIGN ENGINEER IS TO BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY. TEMPORARY BENCHMARKS (T.B.M.) ARE TO BE PROVIDED BY THE DESIGN ENGINEER.
- UPON FINAL COMPLETION AND 85% STABILIZATION, THE DRAINAGE SYSTEM IS TO BE CLEANED OF ALL DEBRIS. SEDIMENT CONTROL PRACTICES REMOVED AND DISPOSED OF PROPERLY, AND ANNUAL MAINTENANCE PREFORMED ON ALL DRAINAGE

SOILS & DEWATERING:

RESIDENTIAL/ROADWAY CONSTRUCTION

ACTON (VERY STONY) DeADEERFIELDRIDGEBURYWINDSOR

SILT LOAM K= 0.43SILT LOAM K= 0.17SILT LOAM K= 0.24SILT LOAM K= 0.17

SEE SITE SPECIFIC SOILS MAP (SSSM)

SEE WEBSOIL USDA-NRCS ERODIBILITY FACTOR — K, CPESC MANUAL, ENVIROCERT INTERNATIONAL INC. & ROCKINGHAM COUNTTY SOIL SURVEY, ROCKWEB SOIL ATTRIBUTES.

CONTRACTOR TO BE AWARE OF THE SOIL PROFILES AND ENSURE THAT PROPER EROSION PREVENTION AND SEDIMENT CONTROL MEASURES ARE TAKEN AT ALL TIMES. ANY DEWATERING REQUIREMENTS IN NEW HAMPSHIRE REQUIRE SPECIAL PROVISIONS IN ACCORDANCE WITH THE "CLARIFICATION OF SECTION 9.1.2 (STATE OF NEW HAMPSHIRE CONDITIONS) AND OTHER NH SPECIFIC INFORMATION FOR THE U.S. EPA 2012 NPDES CONSTRUCTION GENERAL PERMIT (CGP)" DATED MAY 3, 2012 INCLUDED IN THE

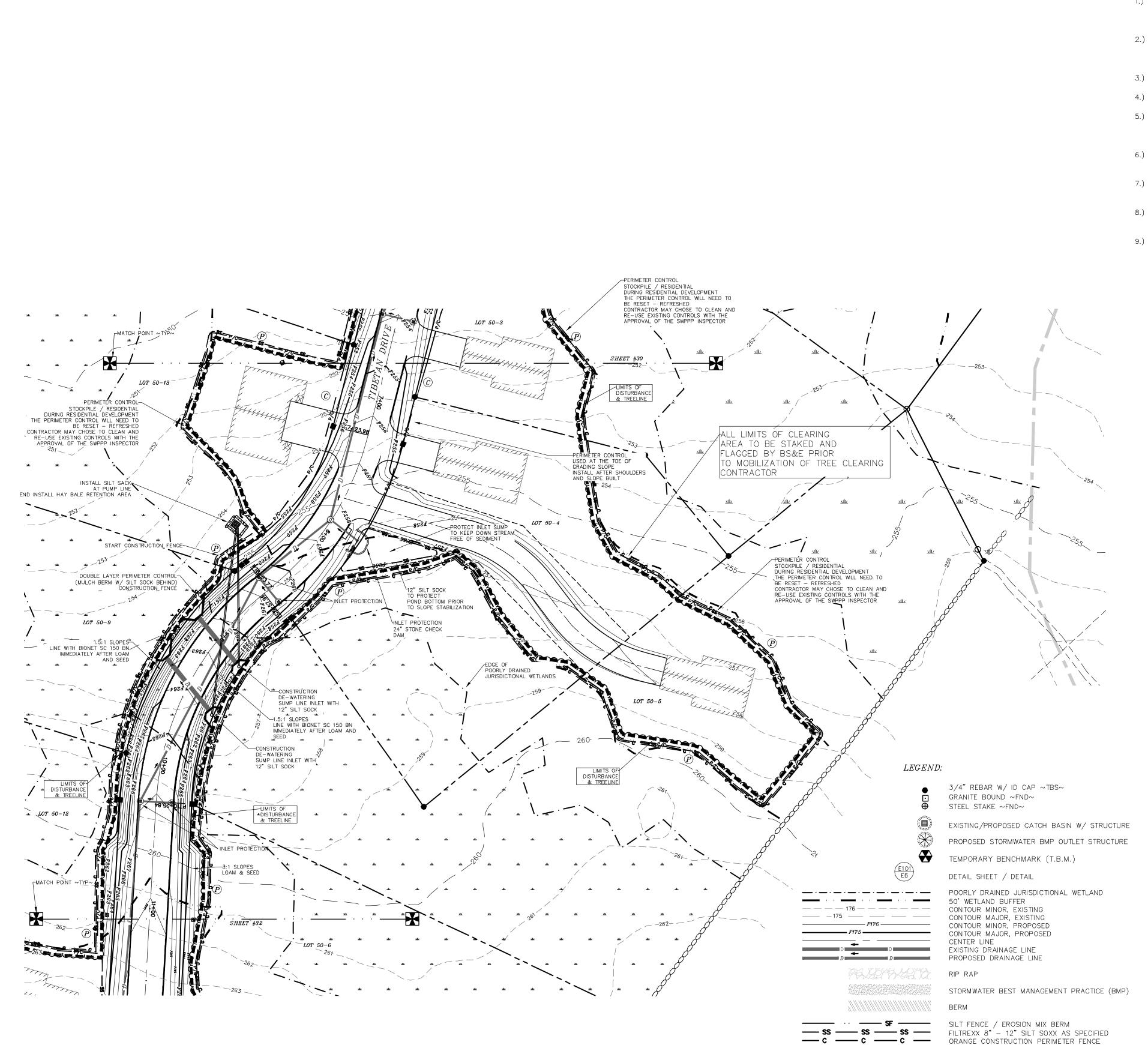
COVER MANAGEMENT DURING CONSTRUCTION FOR EXPOSED SOIL WILL INCLUDE HAY / STRAW APPLIED AT A RATE OF 2.0 TONS PER ACRE, TEMPORARY SEEDING OF ANNUAL RYE GRASS, AND PERMANENT SEEDING AT THE EARLIES OPPORTUNITY. SEE ADDITIONAL REQUIREMENT FOR STABILIZATION ON THE EROSION AND SEDIMENT CONTROL DETAIL SHEETS, E-101 AND E-102.

THE CONSTRUCTION SCHEDULE WILL BE MANAGED SO THAT ALL STORMWATER STRUCTURES WILL BE BUILT AND STABILIZED PRIOR TO RECEIVING SURFACE WATER RUNOFF. CONTRACTOR TO BE RESPONSIBLE FOR ALL DIVERSIONS DURING CONSTRUCTION AND FOR INTERIM SEDIMENT AND EROSION CONTROL MEASURES.

OF NEW HAM KENNETH **BERRY** No. 14243

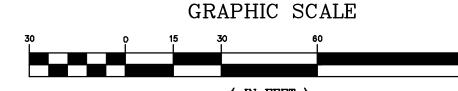
SHEET 32 OF 45

BA SC,



NOTES:

1.) OWNER: ELIZABETH DUNNELLS
25 CROW HILL ROAD
ROCHESTER, NH 03868



2.) APPLICANT: ROADRUNNER REAL ESTATE DEVELOPMENT LLC, 35 THIRD STREET DOVER, NH 03820 (IN FEET)
1 inch = 30 ft.

- 3.) THE PROJECT PARCEL IS TAX MAP 108, LOT 50
- 4.) LOT AREA: 2,199,988 Sq.Ft., 50.50 Ac.
- 5.) UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTECTING ANY ABOVE AND BELOW GROUND UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ANY UTILITY CONFLICTS SHOULD BE REPORTED IMMEDIATELY TO THE DESIGN ENGINEER.
- 6.) THE CONTRACTOR SHALL CALL AND COORDINATE WITH DIGSAFE AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE PROPERTY.
- 7.) ALL DRAINAGE PIPE IS TO BE HDPE N-12. INDIVIDUAL PIPE SIZES ARE SPECIFIED ON GRADING AND DETAIL PLAN SHEETS, GREEN PIPE.
- 8.) ALL ELEVATIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE DESIGN ENGINEER IS TO BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY. TEMPORARY BENCHMARKS (T.B.M.) ARE TO BE PROVIDED BY THE DESIGN ENGINEER.
- 9.) UPON FINAL COMPLETION AND 85% STABILIZATION, THE DRAINAGE SYSTEM IS TO BE CLEANED OF ALL DEBRIS. SEDIMENT CONTROL PRACTICES REMOVED AND DISPOSED OF PROPERLY, AND ANNUAL MAINTENANCE PREFORMED ON ALL DRAINAGE PRACTICES.

SOILS & DEWATERING:

WfA WINDSOR

CONTROL MEASURES.

RIDGEBURY

SEE WEBSOIL USDA-NRCS

AcB DeA RIB

PERIMETER CONTROL

PERIMETER CONTROL

RAIN GARDEN BIO-MEDIA PROTECTION

RESIDENTIAL/ROADWAY CONSTRUCTION

ACTON (VERY STONY) DEERFIELD

SEE SITE SPECIFIC SOILS MAP (SSSM)

ERODIBILITY FACTOR - K, CPESC MANUAL, ENVIROCERT INTERNATIONAL INC. &

CONTRACTOR TO BE AWARE OF THE SOIL PROFILES AND ENSURE THAT PROPER EROSION PREVENTION AND SEDIMENT CONTROL MEASURES ARE TAKEN AT ALL TIMES. ANY DEWATERING REQUIREMENTS IN

NEW HAMPSHIRE REQUIRE SPECIAL PROVISIONS IN ACCORDANCE WITH THE "CLARIFICATION OF SECTION

COVER MANAGEMENT DURING CONSTRUCTION FOR EXPOSED SOIL WILL INCLUDE HAY / STRAW APPLIED

AT A RATE OF 2.0 TONS PER ACRE, TEMPORARY SEEDING OF ANNUAL RYE GRASS, AND PERMANENT SEEDING AT THE EARLIES OPPORTUNITY. SEE ADDITIONAL REQUIREMENT FOR STABILIZATION ON THE

THE CONSTRUCTION SCHEDULE WILL BE MANAGED SO THAT ALL STORMWATER STRUCTURES WILL BE

RESPONSIBLE FOR ALL DIVERSIONS DURING CONSTRUCTION AND FOR INTERIM SEDIMENT AND EROSION

BUILT AND STABILIZED PRIOR TO RECEIVING SURFACE WATER RUNOFF. CONTRACTOR TO BE

9.1.2 (STATE OF NEW HAMPSHIRE CONDITIONS) AND OTHER NH SPECIFIC INFORMATION FOR THE U.S.

EPA 2012 NPDES CONSTRUCTION GENERAL PERMIT (CGP)" DATED MAY 3, 2012 INCLUDED IN THE

ROCKINGHAM COUNTTY SOIL SURVEY, ROCKWEB SOIL ATTRIBUTES.

EROSION AND SEDIMENT CONTROL DETAIL SHEETS, E-101 AND E-102.

EROSION AND SEDIMENT CONTROL PLAN

LAND OF
ELIZABETH DUNNELLS
FOR
ROADRUNNER REAL ESTATE DEVELOP
797 PORTLAND STREET

SILT LOAM K= 0.43 SILT LOAM K= 0.17

SILT LOAM K= 0.24

SILT LOAM K= 0.17

KENNETH

A.

BERRY

No. 14243

CENSED

WILLIAM

OF NEW HAMOSE

A.

BERRY

No. 14243

CENSED

WILLIAM

 \mathbf{m}

SC

SHEET 31 OF 45