



September 21, 2021

Ref: 52796.00

Dave Sharples, Town Planner
Town of Exeter Planning Board
10 Front Street
Exeter, NH 03833

Re: Town of Exeter Conditional Use Permit Applications: Wetlands Conservation Overlay District & Shoreland Protection District
H141 Transmission Line - Structure Replacements, Exeter, NH

Dear Mr. Sharples,

On behalf of Public Service Company of New Hampshire (PSNH) d/b/a Eversource Energy, VHB is submitting these Conditional Use Permit Applications to the Town of Exeter Planning Board for proposed utility maintenance along the existing H141, 115-kV transmission line right-of-way (ROW) in Exeter. The Conditional Use Permit Applications are being submitted in accordance with *Article 9* of the Town's Zoning Ordinance. Conditional Use Permits are required for the proposed maintenance work to allow for temporary impacts to wetlands and their respective buffers protected under the Wetlands Conservation Overlay District (*Article 9.1.3*), and to allow for temporary impacts within the shoreland of the Little River protected under the Shoreland Protection District (*Article 9.3.3*). A Utility Maintenance Activity Statutory Permit-by-Notification for the proposed project will be submitted to the New Hampshire Department of Environmental Services (NHDES) to cover temporary wetland impacts at the state level. Upon submittal of these applications, VHB and PSNH intends on attending the Exeter Conservation Commission meeting on October 12, 2021 followed by a hearing date with the Planning Board on October 28, 2021.

Project Description

PSNH intends to replace three existing 115-kV transmission structures (Structures 175, 176 & 177) along the H141 transmission line within an existing ROW corridor located between Route 101 west bound and Epping Road (NH Route 27). The proposed work is part of PSNH's on-going maintenance program conducted to ensure reliable electric service for their customers. During periodic field inspections by PSNH engineering and construction personnel, the condition of existing electric transmission line structures is reviewed and wood pole structures which are exhibiting deficiencies such as internal rot, leaning, and/or woodpecker damage are identified for replacement. The PSNH 115-kV transmission system is an integral part of the regional power system delivering electricity to customers throughout New England. It is critical that the 115-kV system remain operational without interruption from preventable outages.

The existing electric transmission line structures proposed for replacement consist of a two-pole wood H-frame configuration and will be replaced with two-pole weathered steel H-frame structures to meet current industry standards. Additionally, associated guy support wires and anchors will be replaced. The replacement structures will be installed 10 feet back or forward on-line from their existing locations with

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the exception of Structure 176 which will be replaced 200 feet back on-line from its existing location closer to Epping Road. The proposed 200-foot shift for Structure 176 is seen as beneficial as it will result in the elimination of the structure from within the limits of a large existing emergent floodplain wetland associated with the Little River. Additionally, pole heights will increase between 5 and 20 feet to meet current engineering standards and clearance requirements. Lastly, associated guy support wires and anchors will be replaced. Contingent upon permit approvals, work is proposed to commence in November 2021. Refer to **Figure 1**, Project Permitting Plans, for more information.

Proposed Access and Construction Methods

The proposed work will occur within the limits of the existing cleared and continuously maintained transmission line ROW and no additional widening/clearing of the ROW is proposed. Work crews intend to access Structures 175 and 176 directly off of Epping Road, while crews intend to access Structure 177 directly off of Route 101 west bound (pending permission from NHDOT). Work crews plan to follow existing established access trails within the ROW, where present, to complete the proposed work. Some road improvement work (re-grading and resurfacing) may be necessary along existing upland portions of ROW access trails to provide a safe and stable surface for construction equipment travel.

Timber matting will be used at wetland crossings to minimize soil disturbance and avoid rutting. Ground disturbance and grading will be kept to a minimum during the structure replacements and will be generally limited to an approximate 100-foot by 100-foot construction work pad centered on each replacement structure located in uplands. Timber mats will be used to create a stable construction work pad around structures located in or directly adjacent to wetlands. Once access and work pads are established, the new steel pole H-frame structures will be installed either through direct embedment or constructed on a caisson foundation. Traditional auguring and installation procedures will be used. Traditional de-watering BMPs (pump to filter bag within temporary straw bale basin in upland) will be implemented during pole installation in saturated areas as needed. No poles are proposed to be installed within the bed and/or banks of any surface water. Additionally, no poles are proposed to be installed within any areas identified as vernal pools. Wood poles associated with the old structures to be replaced will be fully removed from upland areas or cut just above the ground surface and left in place in wetlands to minimize further disturbance.

Prior to accessing the ROW with construction equipment, crews will install erosion and sediment control barriers in accordance with permitting plans and details, New Hampshire Department of Environmental Services (NHDES) conditions, and the *Best Management Practices Manual for Utility Maintenance in and Adjacent to Wetlands and Waterbodies in New Hampshire* (or "Utility BMP Manual," March 2019), published by the New Hampshire Department of Natural and Cultural Resources (NHDNCR). Selected best management practices (BMPs) may include silt sock, silt fence, wood chip/compost berms/tubes and/or other approved BMPs. During project construction, control of the spread of invasive species that are currently found within the ROW will also be managed in accordance with NHDES permit conditions and the Utility BMP Manual.



Proposed Post-Construction Restoration

As soon as possible after the completion of the structure replacement work, timber matting and all construction debris will be removed from the project ROW and properly disposed of off-site. Stabilization and restoration of disturbed areas/exposed soils will be initiated as timber mats are pulled and structural work is completed. Restoration of disturbed soils within upland areas surrounding newly installed structures will consist of the application of seed and straw mulch. Coconut fiber erosion control blankets in conjunction with seed will be used to stabilize any slopes greater than 3:1. Minimal restoration is anticipated within wetland areas due to the temporary nature of the impacts and the time of the year that the work is proposed (outside the growing season). Natural re-colonization/re-bound of wetland vegetation within the project ROW is anticipated once timber mats are removed. VHB will visit the project ROW post-construction to assess conditions, provide guidance to work crews on restoration, and to determine whether or not additional promotion of vegetation (seeding) is required. If required, NHDES approved wetland and upland seed mixes will be placed on affected areas to further promote re-growth. Refer to the Project Plans attached for the location of existing wetlands and surface waters and utility structures, proposed accessways, construction work pads, and timber matting.

Wetlands Conservation Overlay District Impacts

Portions of the proposed project are located within the Town of Exeter Wetlands Conservation Overlay District as outlined in *Article 9.1.3* of the Town's Zoning Ordinance. Temporary impacts related to access and work pad staging will occur directly within wetlands with poorly drained soils and their respective 40-foot Limited Use Buffers. Additionally, direct temporary impacts are proposed within a designated prime wetland. No impacts are proposed to occur within vernal pools, exemplary wetlands, wetlands with very poorly drained soils, inland streams, or the respective buffers of these resources.

Wetlands along the segment of the H141 ROW subject to the proposed work were previously delineated by others in support of a previous PSNH project along this corridor. During summer 2021, VHB Wetland Scientists reviewed and confirmed previously delineated wetland areas and extended/adjusted boundaries as needed based on site observations. The wetland review and additional delineations were performed in accordance with the *1987 Corps of Engineers Wetland Delineation Manual* and the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region, Version 2.0* (January 2012), the *2018 National Wetland Plant List* published by the U.S. Army Corps of Engineers, the *Field Indicators of Hydric Soils in the United States, Version 8.2* published by the Natural Resources Conservation Service ("NRCS"), and the *Field Indicators for Identifying Hydric Soils in New England, Version 4.0* published by the New England Interstate Water Pollution Control Commission. Wetland classifications follow the *Classification of Wetlands and Deepwater Habitats of the United States* (Cowardin et al., 1979, revised 1985.) Functions and values were assessed using the *Corps Highway Methodology Workbook Supplement* (USACE, 1999).

Wetlands delineated along the A126/H141 Line ROW subject to the proposed work are not considered rare or unusual and were found to exhibit common plant species typically observed within emergent and scrub-shrub wetlands found within continually maintained electric transmission ROWs in New Hampshire.



Existing Wetlands & Impacts

Two wetlands with NRCS mapped poorly drained soils, identified as W31 and W32, and their associated 40-foot buffers are located within the project ROW and will be temporarily impacted during the proposed replacement of Structure 176. Wetlands W31 and W32 exist within the project ROW between Route 101 west bound and Epping Road (NH Route 27). Additionally, a designated prime wetland, identified as W33 is located within the project ROW immediately east of Epping Road and will be temporarily impacted by the proposed replacement of Structure 175.

Wetlands W31 & W32

Wetland W31 is part of an expansive floodplain wetland complex associated with the Little River which flows from west to east through the project ROW. Wetland W31 within the project ROW is classified as a combination of Palustrine, Scrub-Shrub, Broad-Leaved Deciduous, Seasonally Flooded/Saturated (PSS1E) and Palustrine, Emergent, Persistent, Semi-Permanently Flooded (PEM1F) cover types. Wetland W31 within the project ROW exhibits variable water levels throughout the year and frequent inundation within its interior.

Wetland W32 is located to the north and east of Wetland W31 and directly abuts Epping Road. Wetland W32 is classified as PSS1E. Although separated from Wetland W31 within the project ROW by an upland area containing an existing access road, Wetland W32 continues south and east beyond the limits of the project ROW and drains to the same large wetland complex that Wetland W31 is a part of.

Common wetland vegetation observed within Wetlands W31 and W32 includes cattail (*Typha* spp.), white meadowsweet (*Spiraea alba*), dark green bulrush (*Scirpus atrovirens*), rough-stemmed goldenrod (*Solidago rugosa*), narrow-leaved goldenrod (*Euthamia graminifolia*), jewelweed (*Impatiens capensis*), tearthumb (*Persicaria sagittata*), sensitive fern (*Onoclea sensibilis*), horsetail (*Equisetum palustre*), nodding smartweed (*Persicaria lapathifolia*), red maple saplings (*Acer rubrum*), speckled alder (*Alnus incana*), and various sedges (*Carex* spp.). Finally, a number of invasive plant species are also present including purple loosestrife (*Lythrum salicaria*) and glossy buckthorn (*Frangula alnus*). Evidence of wetland hydrology observed during field work included soil saturation, surface water, geomorphic position, drainage patterns, and inundation/saturation visible on aerial imagery. Soils sampled along the wetland periphery meet Hydric Soil Indicator F3: Depleted Matrix.

Approximately 7,415 square feet of direct temporary wetland impact is proposed within Wetland W31 as a result of the placement of timber matting required to access and stage equipment during the replacement of Structure 176. Additionally, 6,090 square feet of temporary impact is proposed within the associated combined 40 foot buffer of Wetlands W31 and W32. No direct temporary impacts are proposed within the delineated boundary of Wetland W32. The use of an established upland access road within the 40 foot buffer zone of Wetlands W31 and W32 was not calculated as impact since this is an existing trail within the project ROW.

Prime Wetland W33

Wetland W33 delineated within the project ROW is classified as a combination of PEM1E and PSS1E cover types and is located directly north (downslope) of Epping Road. Wetland W33 is part of an expansive mapped designated prime wetland that extends well beyond the eastern and western limits of the existing



cleared project ROW. Wetland W33 also intersects FEMA mapped 100-year floodplain. Wetland vegetation, soils and hydrology closely resemble observations made in adjacent Wetlands W31 and W32.

Direct temporary wetland impacts (9,638 square feet) within Wetland W33 are proposed as a result of the placement of an approximate 100'x100' timber mat work pad surrounding Structure 175 which is required to stage equipment and crews during the structure's replacement.

Article 9.1.6(B) Conditional Uses - Conditions

In accordance with the requirements for a Conditional Use Permit, the construction and maintenance of powerlines in the Wetlands Conservation Overlay District is an allowable use if the conditions found in *Article 9.1.6(B)* are met. Evidence that the proposed project meets these conditions is provided below.

1. That the proposed use is permitted in the underlying zoning district.

The proposed project is located within zoning district R-1 (Low Density Residential). The existing H141 transmission line ROW has been a permitted use within the current zoning district since the district was established. All project work will be confined within the limits of the existing established ROW with no clearing or widening proposed. The project involves routine maintenance work to an existing transmission line and associated structures that is conducted periodically by PSNH. Since the project aims to improve the reliability of the existing electric transmission system and prevent outages, the project is essential to the productive use of the land within the existing zoning district.

2. That the use for which the permit is sought cannot feasibly be carried out on a portion or portions of the lot which are outside the Wetlands Conservation Overlay District.

The H141 transmission line ROW was established prior to the designation of the Wetlands Conservation Overlay District, and due to the linear nature of the ROW, crosses the Wetlands Conservation Overlay District in numerous locations throughout the Town of Exeter. Access to the ROW is primarily obtained from intersecting public roadways, and currently established and/or former access trails are typically utilized by work crews to reach the existing electric transmission line infrastructure. Often utilization of existing and/or former ROW trails reduce the need for creation of additional disturbance (road/trail building) within the Wetlands Conservation Overlay District underneath the ROW.

Project impacts to wetlands and their associated buffers were minimized to the maximum extent practicable during the project planning stage. This included modifications to ROW access, the positioning of the replacement structures, and the size, location and orientation of structure work pads where possible. For example, the Project Applicant is pursuing permission from NHDOT to access Structure 177 from Route 101 west bound which will avoid crews from having to travel a significant distance across Wetland W31 and the Little River from Epping Road which would result in increased timber matting and resultant temporary wetland and buffer impacts. Additionally, the structure work pad associated with the removal of existing Structure 176 has been reduced in size from the standard 100'x100' footprint to a 50'x50' footprint resulting in reduced temporary wetland impacts to Wetland W31. Lastly and perhaps most significant, Structure 176 will be relocated from its



current position within the interior of Wetland W31 and the associated floodplain to an upland area outside of the wetland and floodplain closer to Epping Road. This eliminates the existing impact within Wetland W31 and avoids future temporary impacts which would result from the periodic maintenance of the structure within the wetland. Due to the location of Structure 175 and the expansiveness of the associated Wetland W33 (encompassing the entire ROW), temporary wetland impacts resulting from its replacement cannot be avoided. However, temporary impacts are proposed along the edge of the wetland closest to Epping Road and not within the wetland interior.

- 3. The proposed impact has been evaluated in the context of the relative “value” of the wetland, including its ecological sensitivity, as well as its function within the greater hydrologic system. To the extent feasible, the proposed impact is not detrimental to the value and function of the wetland(s).***

The location of Wetlands W31, W32 and W33 within a cleared ROW corridor, their connectivity to larger multi-cover type wetland complexes outside of the ROW, and the composition of the immediate surrounding landscape (rural/highway commercial/residential) largely dictates wetland functions and values.

All three wetlands are made up of dense scrub-shrub and emergent vegetation which contributes to their capacity to perform water quality and hydrologic functions such as sediment/toxicant/pathogen retention and nutrient removal. Potential sources of pollutants are present from abutting land uses such as residential homes, agricultural fields, and roadways. Their vegetative composition and position within a linear corridor also contribute to their function to provide wildlife habitat, especially to various bird species. Additionally, their hydrological regime (frequent inundation) may provide suitable turtle and snake habitat. Lastly, based on the size and landscape position of these wetlands, and their proximity to the built environment and connectivity to the Little River, they also function to retain floodwaters from sources higher in the watershed and likely contribute to groundwater recharge.

The proposed maintenance work will not negatively affect the identified functions and values of these wetlands as project impacts are temporary in nature and over a short duration and will not prevent the impacted wetlands from effectively providing these functions and values following project completion and ROW restoration.

- 4. That the design, construction, and maintenance of the proposed use will, to the extent feasible, minimize detrimental impact on the wetland or wetland buffer and that no alternative design which does not impact a wetland or wetland buffer, or which has less detrimental impact on the wetland or wetland buffer is feasible.***

The proposed project involves maintenance of an existing transmission line asset which is necessary to maintain an operational electric circuit. Therefore, there are no project alternatives. However, wetland impacts were minimized to the maximum extent practicable based on field assessments focused on access, construction staging (work pads), and the location of wetlands completed by project engineers, construction personnel, and VHB.



As outlined in Question 2, several strategies have been implemented to minimize/avoid impacts. This includes accessing Structure 177 from Route 101 west bound (instead of from Epping Road), reducing the size of the work pad required to remove existing Structure 176, and relocating Structure 176 from within the interior of Wetland W31 and the associated floodplain to an upland area outside of the wetland and floodplain closer to Epping Road. Due to the location of Structure 175 and the expansiveness of the associated Wetland W33 (encompassing the entire ROW), temporary wetland impacts resulting from its replacement cannot be avoided. However, temporary impacts are proposed along the edge of the wetland closest to Epping Road and not within the wetland interior.

Lastly, work crews will conduct all work in accordance with the Utility BMP Manual which includes the deployment of timber matting and erosion and sediment control barriers which are designed to reduce ground disturbance, eliminate rutting, and prevent erosion and sedimentation within sensitive resources including wetlands and surface waters.

5. *In cases where the proposed use is temporary or where construction activity disturbs areas adjacent to the immediate use, that the landowner agrees to restore the site as nearly as possible to its original grade and condition following construction.*

As soon as possible after the completion of structural replacement work, timber matting and all construction debris will be removed from the project ROW and properly disposed of off-site. Stabilization and restoration of disturbed areas/exposed soils will be initiated as timber mats are pulled and structural work is completed. No grading is proposed within wetland areas. Grading within upland areas associated with access or work pads during project construction, if necessary to create a safe and stable work area, will be restored upon project completion to reduce the lasting overall footprint that was required for construction and to limit environmental risk while retaining access and workable platforms for future maintenance needs.

Restoration of disturbed soils within upland areas surrounding newly installed structures will be stabilized with seed and straw mulch. Coconut fiber erosion control blankets in conjunction with seed will be used to stabilize any slopes greater than 3:1. Minimal restoration is anticipated within wetland areas due to the temporary nature of the impacts and the time of the year that the work is proposed (outside the growing season). Natural re-colonization/re-bound of wetland vegetation within the project ROW is anticipated once timber mats are removed. VHB will visit the project ROW post-construction to assess conditions, provide guidance to work crews on restoration, and to determine whether or not additional promotion of vegetation (seeding) is required. If required, NHDES approved wetland and upland seed mixes will be placed on affected areas to further promote re-growth.

6. *That the proposed use will not create a hazard to individual or public health, safety, and welfare due to the loss of wetland, the contamination of groundwater, or other reasons.*

Proposed structure replacements are part of an ongoing effort by PSNH to refurbish outdated and deficient existing overhead electric transmission infrastructure in the region. Structural and line deficiencies represent a significant reliability risk in terms of line failures and service interruptions to customers. The project will improve the health, safety and well-being of the general public by



enhancing the reliability and operational performance of the existing 115-kV transmission system by reducing the risk of line failures and in turn reducing the potential for outages experienced by customers.

The proposed project only involves temporary impacts to wetlands and their respective buffers. The project will not result in any permanent alterations to existing land use and/or landscape composition that could pose a risk to wetlands, groundwater, or other natural resources. Proposed timber matting is not expected to adversely impact the capacity of subject wetlands to perform water quantity and/or quality functions. Additionally, matting will not have a negative influence on the quantity or quality of surface water within these wetlands but will be beneficial by reducing the potential for increased erosion and sediment movement during the construction period. Mats will be monitored daily by the Contractor to ensure they remain clean and free of sediment, so they do not pose a risk of discharge into neighboring wetland and/or streams. No impacts to inland streams or the Little River are proposed as part of the structure replacement work. Lastly, in addition to matting, appropriate perimeter erosion controls will be installed prior to the start of construction and maintained throughout the duration of the project to reduce the risk of sedimentation into adjacent wetlands and the Little River.

The project will also eliminate current impacts within Wetland W32 and the associated floodplain of the Little River associated with footprint of existing Structure 176 by removing the structure from the wetland and floodplain and replacing it within an upland area approximately 200 feet to the north closer to Epping Road.

7. That all required permits shall be obtained from the New Hampshire Department of Environmental Services Water Supply and Pollution Control Division under NH RSA 485-A:17; the New Hampshire Wetlands Board under NH RSA 483-A, and the United States Army Corps of Engineers under Section 404 of the Clean Water Act.

In accordance with RSA 482-A:3, XV, routine utility maintenance work is exempt from the standard wetland permitting process; however, since the proposed project will result in temporary impacts to wetlands, a Utility Maintenance Activity Statutory Permit-by-Notification will be submitted to NHDES as required to cover environmental permitting at the state level. The project also complies with the provisions of a Self-Verification Project under the US Army Corps of Engineers NH General Permit #6: Utility Line Activities, since it involves "The construction, maintenance, relocation, repair, & removal of utility lines" outlined under GP #6(a), and only involves temporary impacts from the placement of timber mats. No permits are required from the NHDES Water Supply and Pollution Control Division.



Shoreland Protection District Impacts

Portions of the proposed project will take place within the Town of Exeter Shoreland Protection District as outlined in *Article 9.3.3* of the Town's Zoning Ordinance. Temporary impacts related to access and work pad staging associated with the replacement of Structure 177 and the installation of new Structure 176 located along the H141 transmission line located between Route 101 west bound and Epping Road will occur within the 300 foot buffer of the Little River and the associated contiguous wetland. No direct impacts to the banks or bed of the Little River, or any other inland streams are proposed.

Little River

The upper reaches of the Little River flows across the project ROW between Route 101 west bound (located to the south) and Epping Road (located to the north). The Little River is approximately 7.2 miles in length and originates from a large wetland complex associated with the Deer Hill Wildlife Management Area in the northeastern corner of Brentwood before flowing south and east eventually outletting into the Exeter River near Philips Exeter Academy.

The flow path of the Little River is meandering and somewhat less defined within its upper reaches as it flows through associated floodplain wetland within the project ROW before becoming more defined and distinctive of larger river system in New Hampshire as it moves south toward Colcord Pond and the Exeter. The Little River and associated floodplain wetland were previously delineated by others in support of a previous PSNH project along this corridor. During summer 2021, VHB Wetland Scientists reviewed and confirmed previously delineated areas and extended/adjusted boundaries as needed based on site observations. The Little River is classified as Riverine, Lower Perennial, Unconsolidated Bottom, Sand (R2UB3) where it intersects the project ROW. Delineated floodplain wetland (identified in the field as W31) surrounds the Little River within the project ROW and is classified as a combination of Palustrine, Scrub-Shrub, Broad-Leaved Deciduous, Seasonally Flooded/Saturated (PSS1E) and Palustrine, Emergent, Persistent, Semi-Permanently Flooded (PEM1F) cover types. Wetland W31 within the project ROW exhibits variable water levels throughout the year and frequent inundation within its interior.

Due to the location of existing Structures 177 & 176 (to be replaced within the limits of an existing established overhead electric utility ROW), impacts within the 300-foot shoreland buffer of the Little River are unavoidable. ***Replacement of Structure 177 will result in approximately 10,000 square feet of temporary impact within the 300 foot shoreland buffer of the Little River and the associated contiguous floodplain wetland (W31) due to the placement of the construction work pad surrounding the structure that is required to accommodate work crew and equipment staging during replacement. However, temporary disturbance associated with the work pad will be entirely located within uplands and will not encroach on the bed or banks of the Little River or the associated floodplain wetland.***

Additionally, the installation of new Structure 176 will result in approximately 714 square feet of temporary impact within the 300 foot shoreland buffer of the Little River and associated contiguous floodplain wetland (W31) as a result of the placement of a portion of the construction work pad surrounding the structure installation site that is required to accommodate the work crew and equipment staging. The remaining portions of the work pad for new Structure 176 intersect areas subject



to the Town of Exeter's Wetland Conservation District and are addressed as part of the Wetlands CUP Application submitted concurrently with this Shoreland CUP Application.

Article 9.3.4(G)(2) Conditional Uses - Conditions

In accordance with the requirements for a Conditional Use Permit, the construction and maintenance of powerlines in the Shoreland Protection District is an allowable use if the conditions found in *Article 9.3.4(G)(2)* are met. Evidence that the proposed project meets these conditions is provided below.

a. The proposed use will not detrimentally affect the surface water quality of the adjacent river or tributary, or otherwise result in unhealthful conditions.

Replacement of Structures 177 and 176 along the H141 transmission line will occur within the limits of an existing cleared and continuously maintained ROW. Structure 177 will be replaced in-kind (within 10 feet of the existing location) and will not result in any permanent alterations to existing land use and/or landscape composition that could pose a risk to the surface water quality of the Little River or bordering floodplain wetland. The structure itself is located within an upland area immediately north of Route 101 west bound and none of the work will encroach on the bed or banks of the Little River or the limits of the associated floodplain wetland and its 40-foot buffer established under Exeter's Wetland Conservation District. No additional clearing or widening of the ROW is required to replace the structure.

The replacement of Structure 176 will result in the relocation of the structure from within the limits of floodplain wetland (W31) associated within the Little River to an upland area outside the wetland and floodplain closer to Epping Road. This relocation is seen as beneficial as it will entirely eliminate current impacts associated with the existing structure's footprint and will place the structure further away from the bed and banks of the Little River. New Structure 176 will be installed 200 feet to the north of the existing Structure 176. The structure relocation will not result in any permanent alterations to existing land use and/or landscape composition that could pose a risk to the surface water quality of the Little River or the bordering floodplain wetland.

Prior to the commencement of the structure replacement work, crews will install erosion and sediment control barriers in accordance with the Project Plans and NHDES guidance manuals. Selected perimeter erosion and sediment controls including silt fence or wood chip/compost berms/tubes will be installed between the work areas and the Little River and associated floodplain wetland in order to reduce the risk of sedimentation into these resources which could temporarily impact water quality. Perimeter erosion controls will be inspected and maintained throughout the construction period and will not be removed until the area surrounding Structures 177 and 176 are deemed permanently stable based on NHDES guidance. Some grading may be necessary immediately surrounding Structure 177 and 176 during construction to create a safe and stable work area, however the limits of grading will be confined to upland areas only within the limits of the structure work pads as shown on the attached Project Plans. These areas will be restored upon project completion to reduce the lasting overall footprint that was required for construction and to limit environmental risk while retaining access and workable platforms for future maintenance needs.



- b. The proposed use will discharge no waste water on site other than that normally discharged by domestic waste water disposal systems and will not involve on-site storage or disposal of hazardous or toxic wastes as herein defined.**

Not applicable.

- c. The proposed use will not result in undue damage to spawning grounds and other wildlife habitat.**

Replacement of Structures 177 and 176 will not result in any impacts to spawning grounds as no direct impacts to the banks or bed of the Little River are proposed.

The structure replacement work will be confined to an existing cleared and maintained segment of ROW that has been previously disturbed by fill and removal activities associated with the previous construction of the existing transmission lines and structures and ongoing utility maintenance activities. VHB has consulted with the NH Natural Heritage Bureau (NHB) and NH Fish and Game Department regarding the potential presence of state-listed rare plants or animals within the vicinity of the proposed project work. According to a NHB Datacheck Results Letter dated September 3, 2021, NHB issued no comment regarding the potential presence of rare plants or exemplary natural communities as no records exist within proximity to the project.

Records of several rare turtle and snake species were identified by NH Fish and Game on the NHB Datacheck Results Letter. VHB intends to work with Eversource to implement the typical protocols relative to avoidance and minimization of these species. This includes the use of wildlife friendly erosion controls, the scheduling of informative trainings with works crews in the field prior to the commencement of work to educate them on the protected status of these species, and immediate reporting if a turtle or snake is encountered. Additionally, frozen ground conditions and snow cover are expected to be present for some portion of the project work which is seen as beneficial in terms of avoiding/minimizing impacts to these species.

- d. The proposed use complies with the use regulations identified in Article 9.3.4 Exeter Shoreland Protection District Ordinance – Use Regulations and all other applicable sections of this article.**

The project complies with the use regulations identified in *Article 9.3.4* and fits into Conditional Use *Article 9.3.4(G)(1)(c)*, which identifies work along transmission lines and access ways as permissible with a Conditional Use Permit granted by the Planning Board.

- e. The design and construction of the proposed use will be consistent with the intent of the purposes set forth in Article 9.3.1 Exeter Shoreland Protection District Ordinance – Authority and Purpose.**

The project involves maintenance of existing electric transmission line infrastructure that currently exists within the Shoreland Protection District and does not represent new construction where typically the intent of the purposes set forth in *Article 9.3.1* would need to be addressed. With that



said, efforts to maintain and protect the Little River and bordering floodplain wetland will be pursued while the maintenance work is carried out as previously described above.

Floodplains & Floodways

According to the Federal Emergency Management Agency (FEMA) National Flood Insurance Rate Maps (FIRM), produced for Rockingham County, portions of the project ROW are located within areas designated as 1% Annual Chance Flood Hazard (Zone A) and are therefore located within the Town of Exeter's Floodplain District. However, work within the Floodplain District will involve the replacement of two existing utility structures and does not constitute new construction, fill or an increase in impervious area. Also as previously described, replacement of one of the structures will result in the relocation of the structure outside of an existing wetland and the associated floodplain. VHB understands that replacement/repairs to existing electric utility infrastructure would be considered an underlying permissible use and that no formal application is necessary to conduct the work within this District. Kristen Murphy, Exeter Natural Resource Planner, concurred with this interpretation via email on August 27, 2021.

Property Ownership and Abutters

All proposed work will occur within the limits of an existing transmission line ROW that is either owned in fee or maintained as easement by PSNH. All owners of parcels where impacts to the Wetlands Conservation Overlay District and Shoreland Protection District are to occur, as well as owners of parcels who abut or are located directly across the street from these properties will be notified of the proposed project in accordance with the Town of Exeter's Conditional Use Permit application process. The list of owners and abutters and the associated tax maps, as well as three copies of abutters labels as required, are included in the Wetlands Conditional Use Permit Application attached.

Due to the location of the work (encompassing both the Wetlands Conservation and Shoreland Protection Districts), one abutter notification is being sent for both applications in accordance with guidance provided by the Town of Exeter during this application submittal process.

Please do not hesitate to contact me if you have any questions at (603) 391-3944 or kwilkes@vhb.com.

Sincerely,

Kristopher Wilkes, CWS, CPESC
Project Manager, Energy and Environmental Services

cc: Jeremy Fennell, PSNH



Attachments:

Town of Exeter Conditional Use Application – Wetlands Conservation District Overlay

Conditional Use Permit Application – 15 copies
Figure 1 – Project Permitting Plans – 15 copies bound separately
Representative Site Photographs – Wetlands CUP

Town of Exeter Conditional Use Application – Shoreland Protection District

Conditional Use Permit Application – 15 copies
Figure 1 – Project Permitting Plans – same as Figure 1 in Wetlands CUP (bound separately)
Representative Site Photographs – Shoreland CUP

Wetlands & Shoreland CUP Abutters List & Exeter Tax Maps (one copy bound separately)
Wetlands & Shoreland CUP Abutter Mailing Labels (3 copies bound separately)

Town of Exeter



Planning Board Application for Conditional Use Permit: Wetlands Conservation Overlay District

March 2020



Town of Exeter Planning Board Application

Conditional Use Permit: Wetland Conservation Overlay District In accordance with Zoning Ordinance Article: 9.1

SUBMITTAL REQUIREMENTS: (Note: See Application Deadlines and Submission Requirements for Conservation Commission Requirements)

1. Fifteen (15) copies of the Application
2. Fifteen (15) 11"x17" and three (3) full sized copies of the plan which must include:
 - Existing Conditions
 - a. Property Boundaries
 - b. Edge of Wetland and associated Buffer (Wetlands Conservation Overlay District – WCOD)
 - Prime wetland: 100' --Very Poorly Drained: 50'
 - Vernal Pool (>200 SF): 75' --Poorly Drained: 40'
 - Exemplary Wetland: 50' --Inland Stream: 25'
 - c. Structures, roads/access ways, parking, drainage systems, utilities, wells and wastewater disposal systems and other site improvements
 - Proposed Conditions
 - a. Edge of Wetlands and Wetland Buffers and distances to the following:
 - i. Edge of Disturbance
 - ii. Structures, roads/access ways, parking, drainage systems, utilities, wells and wastewater disposal systems and other site improvements
 - b. Name and phone number of all individuals whose professional seal appears on the plan
3. If applicant and/or agent is not the owner, a letter of authorization must accompany this application
4. Supporting documents i.e. Letters from the Department of Environmental Services, Standard Dredge and Fill Application and Photos of the property
5. A Town of Exeter Assessors list of names and mailing addresses of all abutters

Required Fees:		
Planning Board Fee: \$50.00	Abutter Fee: \$10.00	Recording Fee (if applicable): \$25.00

Application Fee: \$50.00 Abutter Fee: \$10.00 x 15 = \$150.00 Recording Fee: N/A TOTAL: \$200.00

The Planning Office must receive the completed application, plans and fees on the day indicated on the Planning Board Schedule of Deadlines and Public Hearings.

APPLICANT	Name: Public Service Company of New Hampshire d/b/a Eversource Energy
	Address: 13 Legends Drive, Hooksett NH 03106
	Email Address: jeremy.fennell@eversource.com
	Phone: 603-634-3396
PROPOSAL	Address: Existing Electric Transmission Line Right-of-Way
	Tax Map # <u>see attached</u> Lot# <u>see attached</u> Zoning District: <u>RU, R1</u>
	Owner of Record: Existing Electric Transmission Line Right-of-Way Easement
Person/Business performing work outlined in proposal	Name: Public Service Company of New Hampshire d/b/a Eversource Energy
	Address: 13 Legends Drive, Hooksett NH 03106
	Phone: 603-634-3396
Professional that delineated wetlands	Name: Kristopher Wilkes, VHB (CWS #288)
	Address: 2 Bedford Farms Drive, Suite 200 - Bedford, NH 03110
	Phone: 603-391-3944

Town of Exeter
Planning Board Application
Conditional Use Permit: Wetland Conservation Overlay District

Detailed Proposal including intent, project description, and use of property: (Use additional sheet as needed)
 Public Service Company of New Hampshire (PSNH) d/b/a Eversource Energy is planning to conduct utility maintenance along their existing H141, 115-kV transmission line right-of-way (ROW) in Exeter. PSNH intends to replace three existing transmission line structures within the existing limits of the ROW corridor within the vicinity of Route 101 WB and Epping Road (NH Route 27). The proposed work is part of PSNH's on-going maintenance program conducted to ensure reliable electric service for their customers. The PSNH 115-kV transmission system is an integral part of the regional power system delivering electricity to customers throughout New England. It is critical that the 115-kV system remain operational without interruption from preventable outages. This Conditional Use Permit Application is being submitted in accordance with *Article 9* of the Town's Zoning Ordinance and is required for the proposed maintenance work to allow for temporary impacts to wetlands and their respective buffers protected under the Wetlands Conservation Overlay District (*Article 9.1.3*). Refer to the attached cover letter for additional details.

Wetland Conservation Overlay District Impact (in square footage):

Temporary Impact	Wetland:	(SQ FT.)	Buffer:	(SQ FT.)
	<input checked="" type="checkbox"/> Prime Wetlands	9,638	<input type="checkbox"/> Prime Wetlands	0
	<input type="checkbox"/> Exemplary Wetlands	_____	<input type="checkbox"/> Exemplary Wetlands	_____
	<input type="checkbox"/> Vernal Pools (>200SF)	_____	<input type="checkbox"/> Vernal Pools (>200SF)	_____
	<input checked="" type="checkbox"/> VPD	7,415	<input checked="" type="checkbox"/> VPD	6,090
	<input type="checkbox"/> PD	_____	<input type="checkbox"/> PD	_____
	<input type="checkbox"/> Inland Stream	_____	<input type="checkbox"/> Inland Stream	_____
Permanent Impact	Wetland:		Buffer:	
	<input type="checkbox"/> Prime Wetlands	_____	<input type="checkbox"/> Prime Wetlands	_____
	<input type="checkbox"/> Exemplary Wetlands	_____	<input type="checkbox"/> Exemplary Wetlands	_____
	<input type="checkbox"/> Vernal Pools (>200SF)	_____	<input type="checkbox"/> Vernal Pools (>200SF)	_____
	<input type="checkbox"/> VPD	_____	<input type="checkbox"/> VPD	_____
	<input type="checkbox"/> PD	_____	<input type="checkbox"/> PD	_____
	<input type="checkbox"/> Inland Stream	_____	<input type="checkbox"/> Inland Stream	_____

List any variances/special exceptions granted by Zoning Board of Adjustment including dates:

N/A

Describe how the proposal meets conditions in **Article 9.1.6.B** of the Zoning Ordinance (attached for reference):

Refer to the attached cover letter.

Refer to the attached abutters list.

ABUTTERS: PLEASE LIST ALL PERSONS WHOSE PROPERTY IS LOCATED IN NEW HAMPSHIRE AND ADJOINS OR IS DIRECTLY ACROSS THE STREET OR STREAM FROM THE LAND UNDER CONSIDERATION BY THE BOARD. THIS LIST SHALL BE COMPILED FROM THE EXETER TAX ASSESSOR'S RECORDS.

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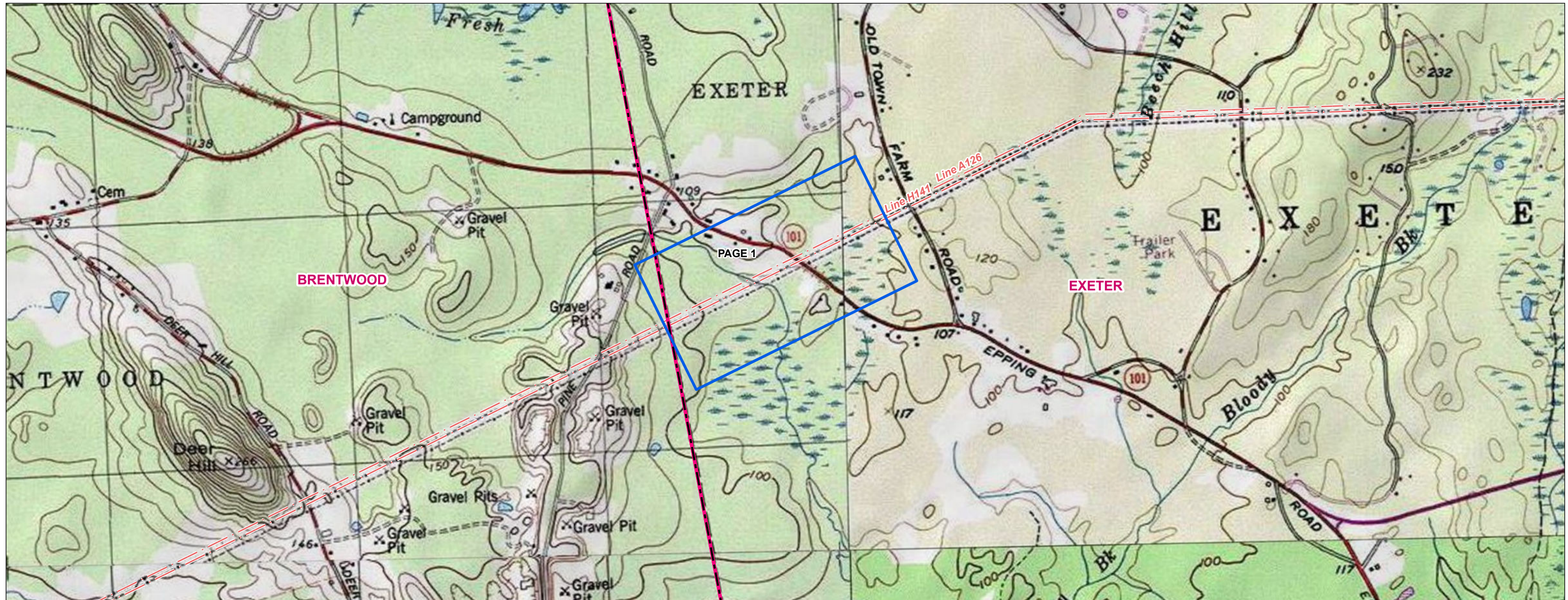
Refer to the attached cover letter.

- 9.1.6. B: Conditions: Prior to issuance of a conditional use permit, the Planning Board shall conclude and make a part of the record, compliance with the following criteria:
1. That the proposed use is permitted in the underlying zoning district;
 2. No alternative design which does not impact a wetland or wetland buffer or which has less detrimental impact on the wetland or wetland buffer is feasible;
 3. A wetland scientist has provided an impact evaluation that includes the “functions and values” of the wetland(s), an assessment of the potential project-related impacts and concluded to the extent feasible, the proposed impact is not detrimental to the value and function of the wetland(s) or the greater hydrologic system.
 4. That the design, construction and maintenance of the proposed use will, to the extent feasible, minimize detrimental impact on the wetland or wetland buffer;
 5. That the proposed use will not create a hazard to individual or public health, safety and welfare due to the loss of wetland, the contamination of groundwater, or other reasons;
 6. The applicant may propose an increase in wetland buffers elsewhere on the site that surround a wetland of equal or greater size, and of equal or greater functional value than the impacted wetland
 7. In cases where the proposed use is temporary or where construction activity disturbs areas adjacent to the immediate use, the applicant has included a restoration proposal revegetating any disturbed area within the buffer with the goal to restore the site as nearly as possible to its original grade and condition following construction.
 8. That all required permits shall be obtained from the New Hampshire Department of Environmental Services Water Supply and Pollution Control Division under NH RSA §485-A: 17, the New Hampshire Wetlands Board under NH RSA §483-A, and the United States Army Corps of Engineers under Section 404 of the Clean Water Act.;

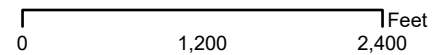
2021 - Line A126 and Line H141 - Structure Replacement Project

Exeter, New Hampshire
Local Permitting Plans

Date: September 20, 2021



- - - Overhead Eversource Lines
- Town Boundary
- Page Index



INDEX OF FIGURES

Title Sheet / Index Map
Map Sheet 1

NO.	DATE	REVISIONS

PREPARED FOR:



13 Legends Drive
Hooksett, NH 03106

PREPARED BY:

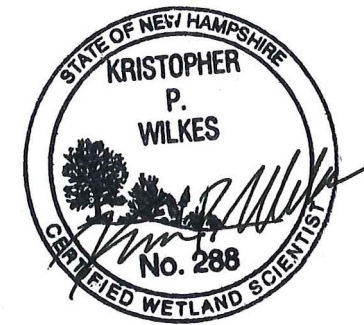


2 Bedford Farms Drive Suite 200
Bedford, NH 03110

Project Plan Notes

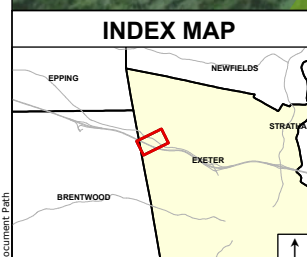
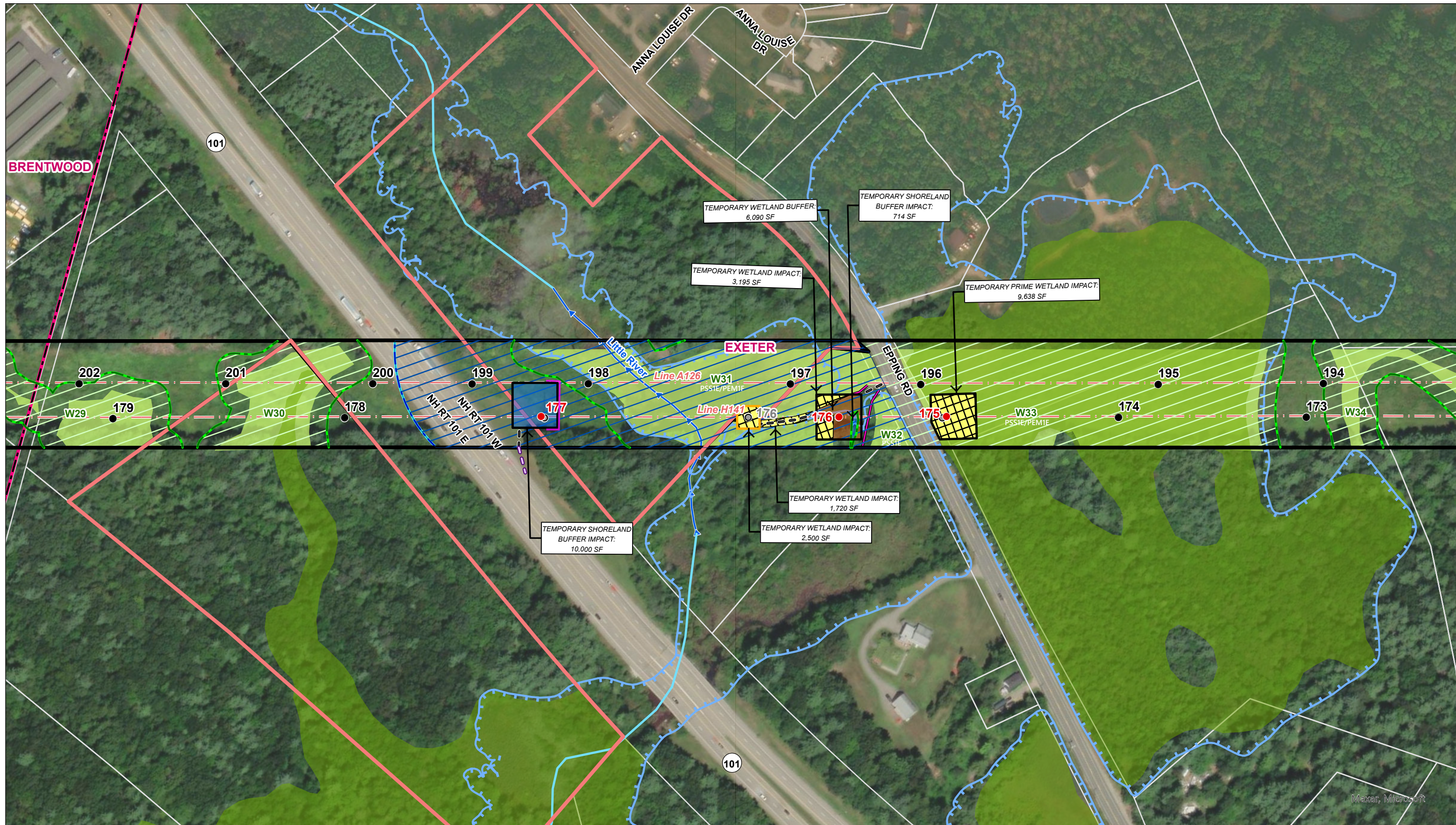
1. This plan set is provided to show jurisdictional impacts and required environmental controls only. Engineering documents should be consulted to determine the scope and location of all other construction activities.
2. Applicant: Public Service Company of New Hampshire, (PSNH) d/b/a Eversource Energy, 13 Legends Drive, Hooksett NH 03106
3. Wetlands were previously delineated along the ROW by others in support of a previous H141 & A126 Line project. VHB Wetlands Scientists reviewed and confirmed previously delineated wetland areas in Summer 2021.
4. Wetland delineation/verification was performed to the standards in the 1987 Corps of Engineers Wetland Delineation Manual and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region, Version 2.0 (January 2012).
5. Hydric soils were reviewed in accordance with Field Indicators for Identifying Hydric Soils in the United States, Version 8.2 published by the Natural Resources Conservation Service, and the Field Indicators for Identifying Hydric Soils in New England, Version 4.0 published by the New England Interstate Water Pollution Control Commission.
6. Dominant wetland vegetation was assessed using the 2018 National Wetland Plant List published by the U.S. Army Corps of Engineers.
7. Wetland classifications follow the USFWS methodology Classification of Wetlands and Deepwater Habitats of the United States (Cowardin et al. 1979, revised 1985).
8. Wetland function and values were assessed using the Corps Highway Methodology Workbook Supplement (USACOE, 1999).
9. Wetland work was performed utilizing a Trimble GeoXT and Trimble GeoXH handheld GPS units with submeter accuracy.
10. Proposed construction limits of disturbance are approximate. Contractor is responsible for minimizing earth disturbance, as practicable.
11. The environmental controls shown on these plans may need to be supplemented due to season of work or work methods proposed. Refer to BMP manuals and additional guidance documents, as needed.
12. Erosion and sedimentation control measures shall be installed prior to start of work, shall be maintained, and shall remain in place during construction until all disturbed surfaces are stabilized. Following stabilization, erosion and sedimentation control measures shall be removed off-site and properly disposed.
13. Erosion and sedimentation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters. The type and installation method of erosion and sediment controls shall be in accordance with the Best Management Practices Manual for Utility Maintenance in and Adjacent to Wetlands and Waterbodies in New Hampshire (March 2019), published by the New Hampshire Department of Natural & Cultural Resources, and Eversource BMP documents as applicable.
14. Temporary stone construction entrances will be used at points of construction ingress/egress from public and private roadways to reduce/eliminate sediment track-out.

15. The selected contractor is responsible for street sweeping at points of ingress/egress from public and private roadways.
16. Selected contractor will be responsible for certifying that all equipment on the project is clean of invasive species prior to arriving onsite. The contractor will also be responsible for cleaning equipment as it is moved within the project to reduce the risk of spreading invasive plant seeds and fragments.
17. Timber swamp matting shown on the plans represents the square footage and alignment of matting which is required and has been approved by the regulators. Additional layers of mats may be required at certain locations. Any increase in the number, change in alignment, or decision not to use swamp mats must be approved by the Permittee or an authorized representative of the Permittee(s) and, as appropriate, regulators.
18. Any excavated material shall be placed outside of jurisdictional areas or removed from the site.
19. If dewatering is required, dewatering basins shall be placed in uplands areas and discharge water into upland areas.
20. Areas of soil disturbance shall be stabilized following construction in accordance with the BMP Manual.

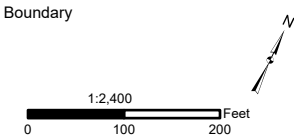


			EVERSOURCE ENERGY	
			2021 - Line A126 and Line H141 - Structure Replacement Project	
			EXETER, NH	
			Date: September, 2021	
NO.	DATE	REVISIONS		





● Existing Structure	— Sediment Control Barrier	▭ Previously Delineated Wetland Resource Area	▭ NHDES Prime Wetlands	▭ Eversource Owned Parcels
● Existing Structure to be Removed	▭ 100 x 100 Workpad	▭ FEMA 100-Year Floodplain	▭ Delineated Stream	▭ Town Boundary
● Proposed Structure	▭ 50 x 50 Workpad	▭ Temporary Wetland District Impact	▭ 40' Wetlands Buffer	▭ Parcel Boundary
— Existing Access	▭ Temporary Construction Matting	▭ Temporary Shoreland District Impact	▭ 300' Shoreland Buffer	
— Off-ROW Access	— Overhead Eversource Lines	▭ Wetland Conservation District		
▭ Existing Right-of-Way		▭ Shoreland Conservation District		



EVERSOURCE ENERGY		
2021 - Line A126 and Line H141 - Structure Replacement Project		
, NH		MAP SHEET 0 of 1
Date: September, 2021		
NO.	DATE	REVISIONS

**Representative Site Photos – Exeter Wetland CUP
H141 Line - Structure Replacements, Exeter NH
August 13, 2021**



Photo 1. View southwest at existing Structure 176 to be removed from Wetland W31 and the associated floodplain and relocated within an upland area approximately 200 feet back (north) closer to Epping Road. Photo depicts approximate locations of temporary impact associated with timber matting.



Photo 2. View southwest at approximate location where new Structure 176 will be installed and where a temporary work pad will be required. Portions of the work pad will require matting within Wetland W31 and the associated combined buffer of Wetland W31 and W32.

**Representative Site Photos – Exeter Wetland CUP
H141 Line - Structure Replacements, Exeter NH
August 13, 2021**



Photo 3. View east at Wetland W32 abutting Epping Road that will not be impacted by the proposed project work.



Photo 4. View northeast at existing Structure 175 to be replaced as part of the proposed project. Photo depicts the approximate location of a timber mat work pad (and resultant temporary impacts to Wetland W33) required to complete the structure replacement.

Town of Exeter



Planning Board Application for Conditional Use Permit: Shoreland Protection District

February 2017



Town of Exeter Planning Board Application

Conditional Use Permit: Shoreland Protection District In accordance with Zoning Ordinance Article: 9.3

SUBMITTAL REQUIREMENTS:

(see Conservation Commission and Planning Board meeting dates and submission deadlines)

1. One (1) electronic copy of full application, including plans (color copy if available)
2. Fifteen (15) copies of the Application
3. Fifteen (15) 11"x17" and three (3) full sized copies of the plan which must include:
 - Existing Conditions
 - a. Property Boundaries
 - b. Edge of Shoreland and associated Buffer (Shoreland Protection District – SPD)
 - c. Structures, roads/access ways, parking, drainage systems, utilities, wells and wastewater disposal systems and other site improvements
 - Proposed Conditions
 - a. Edge of Shoreland and Shoreland Buffers and distances to the following:
 - i. Edge of Disturbance
 - ii. Structures, roads/access ways, parking, drainage systems, utilities, wells and wastewater disposal systems and other site improvements
 - b. Name and phone number of all individuals whose professional seal appears on the plan
4. If applicant and/or agent is not the owner, a letter of authorization must accompany this application
5. Supporting documents i.e. Letters from the Department of Environmental Services, Standard Dredge and Fill Application and Photos of the property
6. A Town of Exeter Assessors list of names and mailing addresses of all abutters

Required Fees: Planning Board Fee: \$50.00 Abutter Fee: \$10.00 Recording Fee (if applicable): \$25.00

Planning Board Fee: \$50.00 Abutter Fee: N/A - Notified under Wetlands CUP Application Recording Fee: N/A TOTAL: \$50.00

The Planning Office must receive the completed application, plans and fees on the day indicated on the Planning Board Schedule of Deadlines and Public Hearings.

APPLICANT	Name: Public Service Company of New Hampshire d/b/a Eversource Energy Address: 13 Legends Drive, Hooksett NH 03106 Email Address: jeremy.fennell@eversource.com Phone: 603-634-3396
PROPOSAL	Address: Existing Electric Transmission Line Right-of-Way Tax Map # <u>see attached</u> Lot# <u>see attached</u> Zoning District: <u>RU, R1</u> Owner of Record: Existing Electric Transmission Line Right-of-Way Easement
Person/Business performing work outlined in proposal	Name: Public Service Company of New Hampshire d/b/a Eversource Energy Address: 13 Legends Drive, Hooksett NH 03106 Phone: 603-634-3396
Professional that delineated wetlands	Name: Kristopher Wilkes, VHB (CWS #288) Address: 2 Bedford Farms Drive, Suite 200 - Bedford, NH 03110 Phone: 603-391-3944

Town of Exeter
Planning Board Application
Conditional Use Permit: Shoreland Protection District

Detailed Proposal including intent, project description, and use of property: (Use additional sheet as needed)
 Public Service Company of New Hampshire (PSNH) d/b/a Eversource Energy is planning to conduct utility maintenance along their existing H141, 115-kV transmission line right-of-way (ROW) in Exeter. PSNH intends to replace three existing transmission line structures within the existing limits of the ROW corridor within the vicinity of Route 101 WB and Epping Road (NH Route 27). The proposed work is part of PSNH's on-going maintenance program conducted to ensure reliable electric service for their customers. The PSNH 115-kV transmission system is an integral part of the regional power system delivering electricity to customers throughout New England. It is critical that the 115-kV system remain operational without interruption from preventable outages. This Conditional Use Permit Application is being submitted in accordance with *Article 9* of the Town's Zoning Ordinance and is required for the proposed maintenance work to allow for temporary impacts within the shoreland of the Little River protected under the Shoreland Protection District (*Article 9.3.3*). Refer to the attached cover letter for additional details.

Shoreland Protection District Impact (in square footage):

Water Body	Little River	
Temporary Impact	<input checked="" type="checkbox"/> 300 Foot SPD	<u>10,714 SF</u>
	<input type="checkbox"/> 150 foot SPD	_____
	<input type="checkbox"/> SPD Building Setback	_____
	<input type="checkbox"/> 75 Vegetative Buffer	_____
Permanent Impact	<input type="checkbox"/> 300 Foot SPD	_____
	<input type="checkbox"/> 150 foot SPD	_____
	<input type="checkbox"/> SPD Building Setback	_____
	<input type="checkbox"/> 75 Vegetative Buffer	_____
Impervious Lot Coverage	SF of Lot within District	_____
	SF of Impervious within District	_____
	% of Impervious within District	_____

List any variances/special exceptions granted by Zoning Board of Adjustment including dates:
 N/A

Describe how your proposal meets the conditions of Article 9.3.4.G.2 of the Zoning Ordinance (attached for reference):
 Refer to the attached cover letter.

Refer to the attached abutters list included with the Wetlands CUP Application

ABUTTERS: PLEASE LIST ALL PERSONS WHOSE PROPERTY IS LOCATED IN NEW HAMPSHIRE AND ADJOINS OR IS DIRECTLY ACROSS THE STREET OR STREAM FROM THE LAND UNDER CONSIDERATION BY THE BOARD. THIS LIST SHALL BE COMPILED FROM THE EXETER TAX ASSESSOR'S RECORDS.

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Please attach additional sheets if needed

Conditional Use Permit Criteria
Shoreland Protection District

9.3.4 G Conditional Uses: Refer to the attached cover letter.

2. The Planning Board may grant a Conditional Use Permit for those uses listed above only after written findings of fact are made which have been reviewed by technical experts from the Rockingham Conservation District, if required by the Planning Board, at the cost of the developer, provided that all of the following are true:

- a. The proposed use will not detrimentally affect the surface water quality of the adjacent river or tributary, or otherwise result in unhealthful conditions.
- b. The proposed use will discharge no waste water on site other than that normally discharged by domestic waste water disposal systems and will not involve on-site storage or disposal of hazardous or toxic wastes as herein defined.
- c. The proposed use will not result in undue damage to spawning grounds and other wildlife habitat.
- d. The proposed use complies with the use regulations identified in Article 9.3.4 Exeter Shoreland Protection District Ordinance – Use Regulations and all other applicable sections of this article.
- e. The design and construction of the proposed use will be consistent with the intent of the purposes set forth in Article 9.3.1 Exeter Shoreland Protection District Ordinance – Authority and Purpose.

**Representative Site Photos – Exeter Shoreland CUP
H141 Lines – Structure Replacements, Exeter NH
August 13, 2021**



Photo 1. View northeast at existing Structure 177 to be replaced within the 300 foot shoreland buffer of the Little River in Exeter. Structure 177 is located immediately north (downslope) of Route 101 WB.



Photo 2. View southwest at general location of the proposed work pad required for the installation of new Structure 176. A portion of the work pad intersects the 300 foot shoreland buffer of the Little River. Existing Structure 176 (depicted in photo background, left) will be removed.

Eversource H141 Line Structure Replacements

Abutters List: Exeter, NH

Abutter #	Parcel #	Property Address	Owner Name	Co-Owner Name	Owner Mailing Address 1	Owner City	Owner State	Owner Zip
1	016-004-0000	1 BLUE HAWK DR	EXETER REGION COOPERATIVE	SCHOOL DISTRICT	30 LINDEN ST	EXETER	NH	03833
2	028-003-0000	OLD TOWN FARM RD	DEMASKY FAMILY TRUST	DEMASKY RICHARD A SR & MARY L TRUSTEES	18 OLD TOWN FARM RD	EXETER	NH	03833
3	029-001-0000	292 EPPING RD	STATE OF NEW HAMPSHIRE	(RICHARD GREGOIRE)	PO BOX 483	CONCORD	NH	03302
*N/A	029-002-0000	298 EPPING RD	PROPERTIES INC.	DBA EVERSOURCE ENERGY	PO BOX 270	HARTFORD	CT	06141-0270
4	029-003-0000	304 EPPING RD	RAPPOLD, BRYAN J.		304 EPPING RD	EXETER	NH	03833
5	029-004-0000	312 EPPING RD	BOISVERT, BRIAN D.	BOISVERT, PAMELLA J	312 EPPING RD	EXETER	NH	03833
6	029-005-0000	310 EPPING RD	SILVER GRANADA REALTY LLC		131 PINE RD	BRENTWOOD	NH	03833
7	029-021-0000	307 EPPING RD	EXETER UNITED	METHODIST CHURCH	307 EPPING RD	EXETER	NH	03833
8	029-022-0000	EPPING RD	HOMEOWNERS ASSOCIATION	OF ROCK CREEK PLACE	6 ANNA LOUISE DR	EXETER	NH	03833
9	029-029-0000	299 EPPING RD	WOOFY LIMITED LIABILITY CO		299 EPPING RD	EXETER	NH	03833
10	029-030-0000	291 EPPING ROAD	CLARK, JOSEPH G.		PO BOX 383	NEWFIELDS	NH	03856
11	029-031-0000	289 EPPING RD	LEBOR, MICHELLE	LEBOR, WALTER	289 EPPING RD	EXETER	NH	03833
12/13	029-032-0000	279 EPPING RD	<i>BOUCHARD, CARL E.</i>	<i>BOUCHARD, PAULINE M</i>	<i>PO BOX 219</i>	<i>EXETER</i>	<i>NH</i>	<i>03833</i>
	030-002-0000	286 EPPING RD	<i>BOUCHARD, CARL E.</i>	<i>BOUCHARD, PAULINE M</i>	<i>PO BOX 219</i>	<i>EXETER</i>	<i>NH</i>	<i>03833</i>
14	031-009-0000	265 EPPING RD	FIELD AND FORESTRY REALTY		PO BOX 189	ROLLINSFORD	NH	03869
15	031-011-0000	261 EPPING RD	RAMINI, MARSHALL J.	CUSTER, MICHELLE C	261 EPPING RD	EXETER	NH	03833

Notes:

Color indicates parcels where utility maintenance work or associated access is proposed. Parcels depicted in red on attached tax maps represent abutting parcels.

*Owner is the Project Applicant

Italicized names denote owners of multiple parcels

Assessing information collected on September 16, 2021 from <https://www.mapsonline.net/exeternh/>

PROPERTY MAPS

EXETER

NEW HAMPSHIRE

PREPARED BY



11 PLEASANT ST, LITTLETON, NH 03561
(800) 322-4540 WWW.CAI-TECH.COM



**KEY TO ZONING SYMBOLS
AS SHOWN ON MAP SHEETS**

--- ZONING DISTRICT LIMITS

DISTRICTS

RESIDENTIAL:

- RU RURAL
- R-1 SINGLE FAMILY
- R-2 SINGLE FAMILY
- R-3 SINGLE FAMILY
- R-4 MULTI-FAMILY
- R-5 MULTI-FAMILY/ELDERLY
- R-6 RETIREMENT PLANNED COMMUNITY
- M MOBILE HOME PARK
- MS MOBILE HOME SUBDIVISION

COMMERCIAL:

- C-1 CENTRAL AREA COMMERCIAL
- C-2 HIGHWAY COMMERCIAL
- C-3 EPPING ROAD HIGHWAY COMMERCIAL
- NP NEIGHBORHOOD PROFESSIONAL
- WC WATERFRONT COMMERCIAL

CORPORATE/TECHNOLOGY:

- CT CORPORATE TECHNOLOGY PARK
- CT-1 CORPORATE TECHNOLOGY-1 PARK

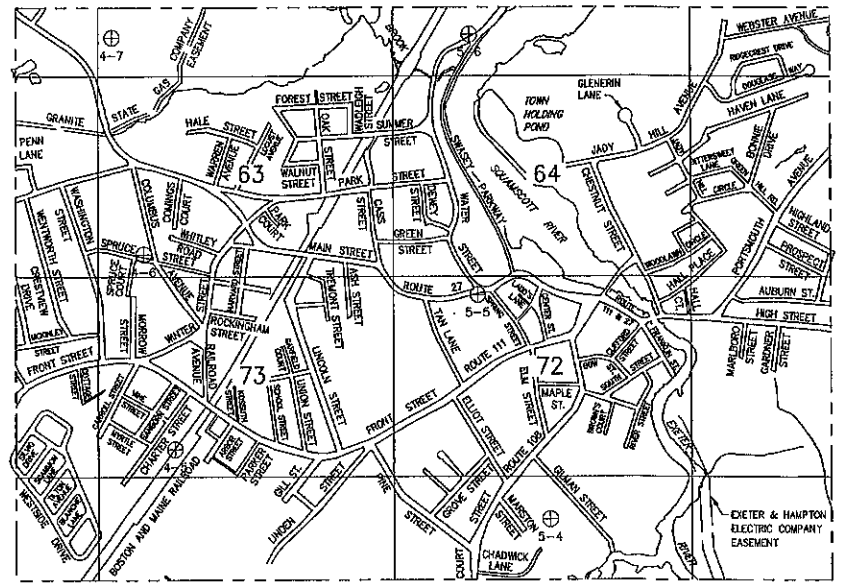
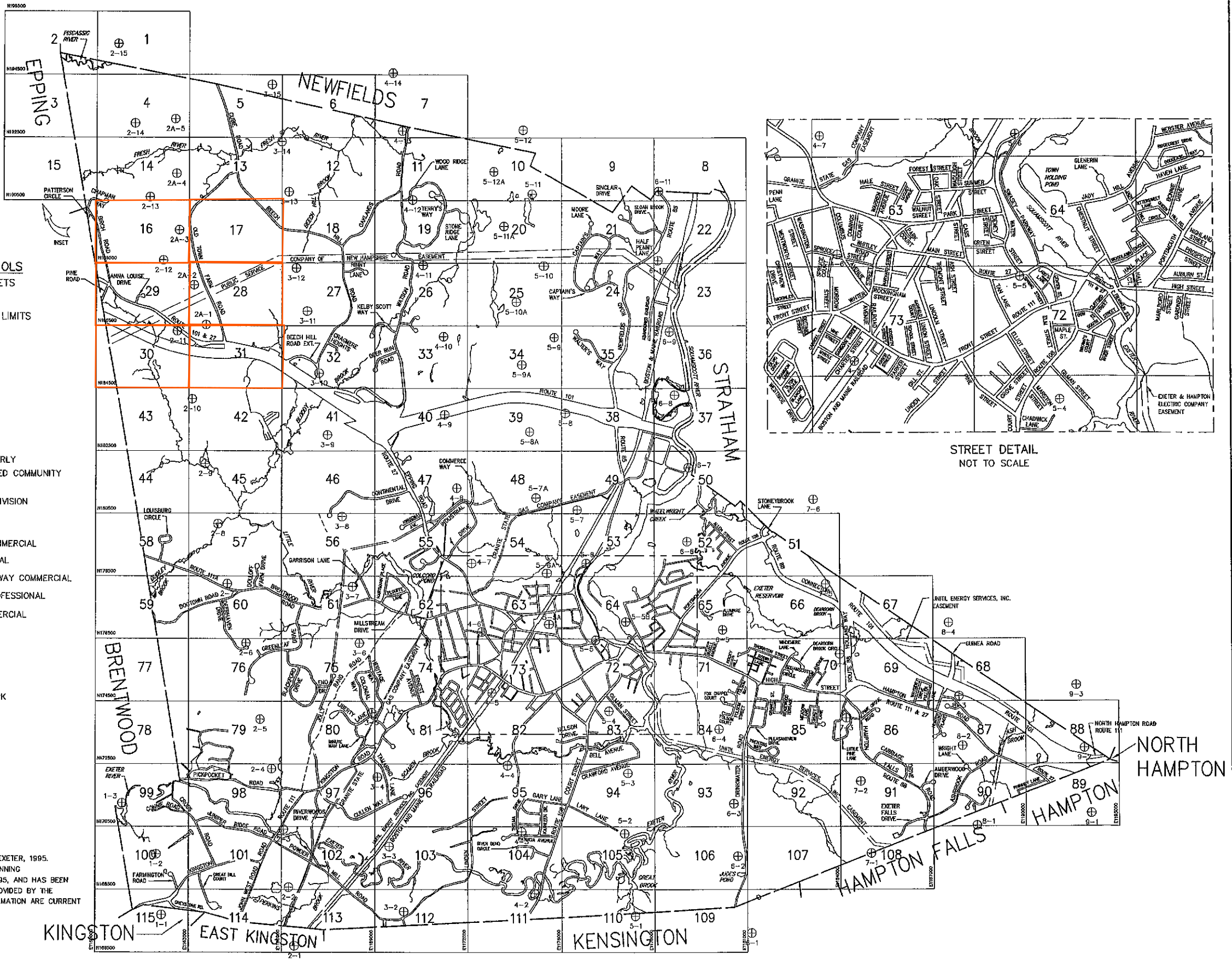
INDUSTRIAL:

- I INDUSTRIAL

HEALTHCARE:

- H HEALTHCARE

SOURCE: ZONING MAP OF THE TOWN OF EXETER, 1995.
 PREPARED BY ROCKINGHAM PLANNING
 COMMISSION DATED APRIL 7, 1995, AND HAS BEEN
 UPDATED WITH INFORMATION PROVIDED BY THE
 TOWN OF EXETER. ZONING INFORMATION ARE CURRENT
 TO MARCH 2019.



THIS MAP IS FOR ASSESSMENT PURPOSES. IT IS NOT VALID FOR LEGAL DESCRIPTION OR CONVEYANCE.
 THE HORIZONTAL DATUM IS THE NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM.
 PHOTOGRAPHY DATE: APRIL 25, 1995
 COMPLETION DATE: MARCH 29, 1996

PRODUCED IN 1996 BY

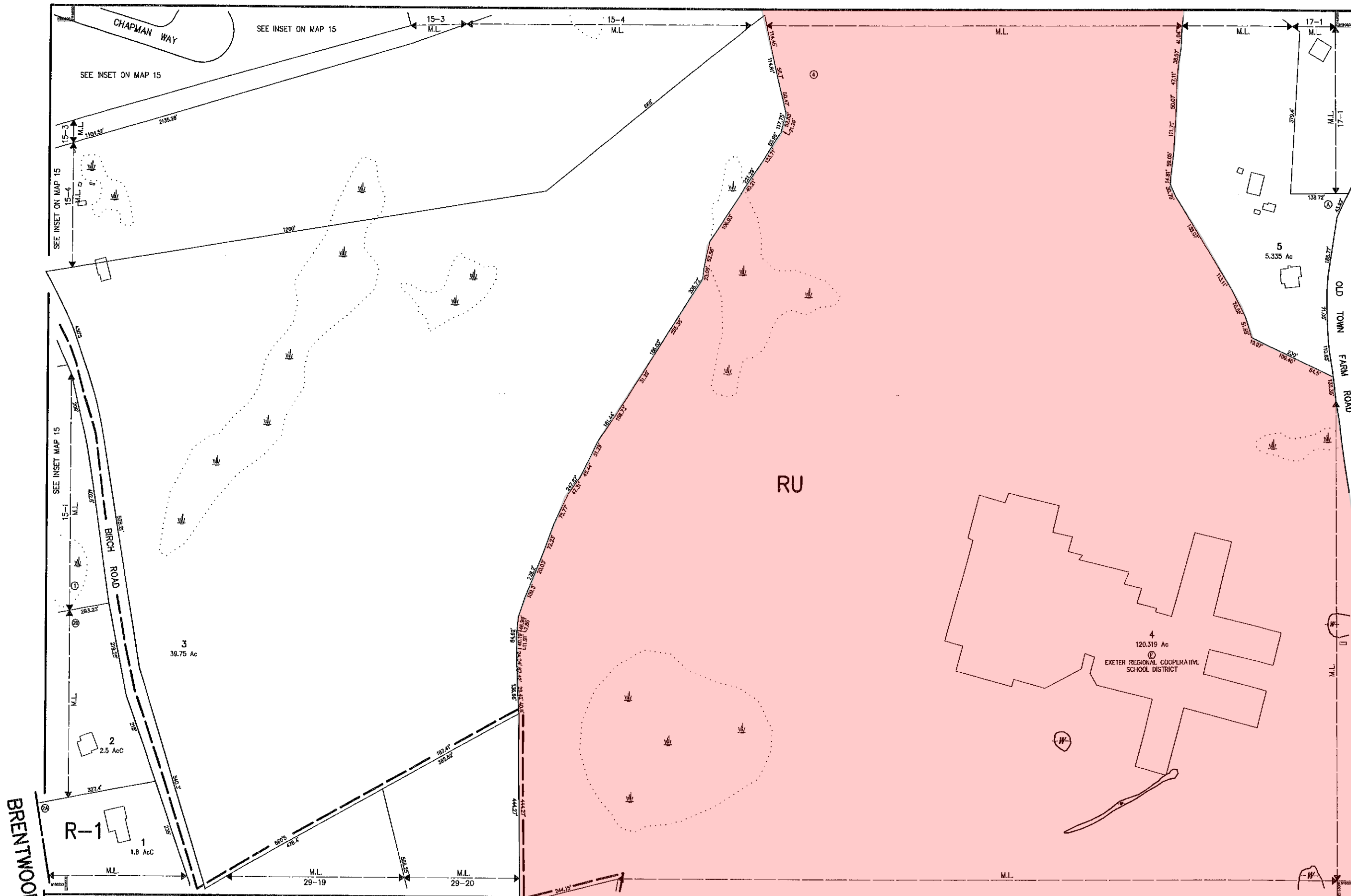
 11 PLEASANT STREET, LITTLETON, CO 80120
 303.322.4549 - WWW.CAI-TECH.COM

LEGEND
 72 MAP SHEET NUMBER
 ⊕ APPROXIMATE CENTER OF 1" = 100' CRONAFLEX ENLARGEMENT
 --- UTILITY EASEMENT
 N166500
 E1172000
 COORDINATE VALUE OF NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM NAD-83

FEET SCALE 1" = 1500'
 METERS
 REVISED TO: APRIL 1, 2021

PROPERTY MAPS
EXETER
 NEW HAMPSHIRE

INDEX MAP



THIS MAP IS FOR ASSESSMENT PURPOSES. IT IS NOT VALID FOR LEGAL DESCRIPTION OR CONVEYANCE.
 THE HORIZONTAL DATUM IS THE NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM.
 PHOTOGRAPHY DATE: APRIL 25, 1995
 COMPLETION DATE: MARCH 29, 1996

PRODUCED IN 1996 BY
DATA Technologies
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LEGEND	
AREA SURVEYED	Ac
AREA CALCULATED	AcC
RECORD DIMENSION	100'
SCALED DIMENSION	100'S
WATER LINE	M.L.
WATER	(Symbol)
EXEMPT PROPERTY	(Symbol)
SUBDIVISION LOT NO.	(Symbol)
ZONE LIMIT	(Symbol)
RIGHT OF WAY	(Symbol)
COMMON OWNERSHIP	(Symbol)
BUILDING	(Symbol)
WETLANDS	(Symbol)

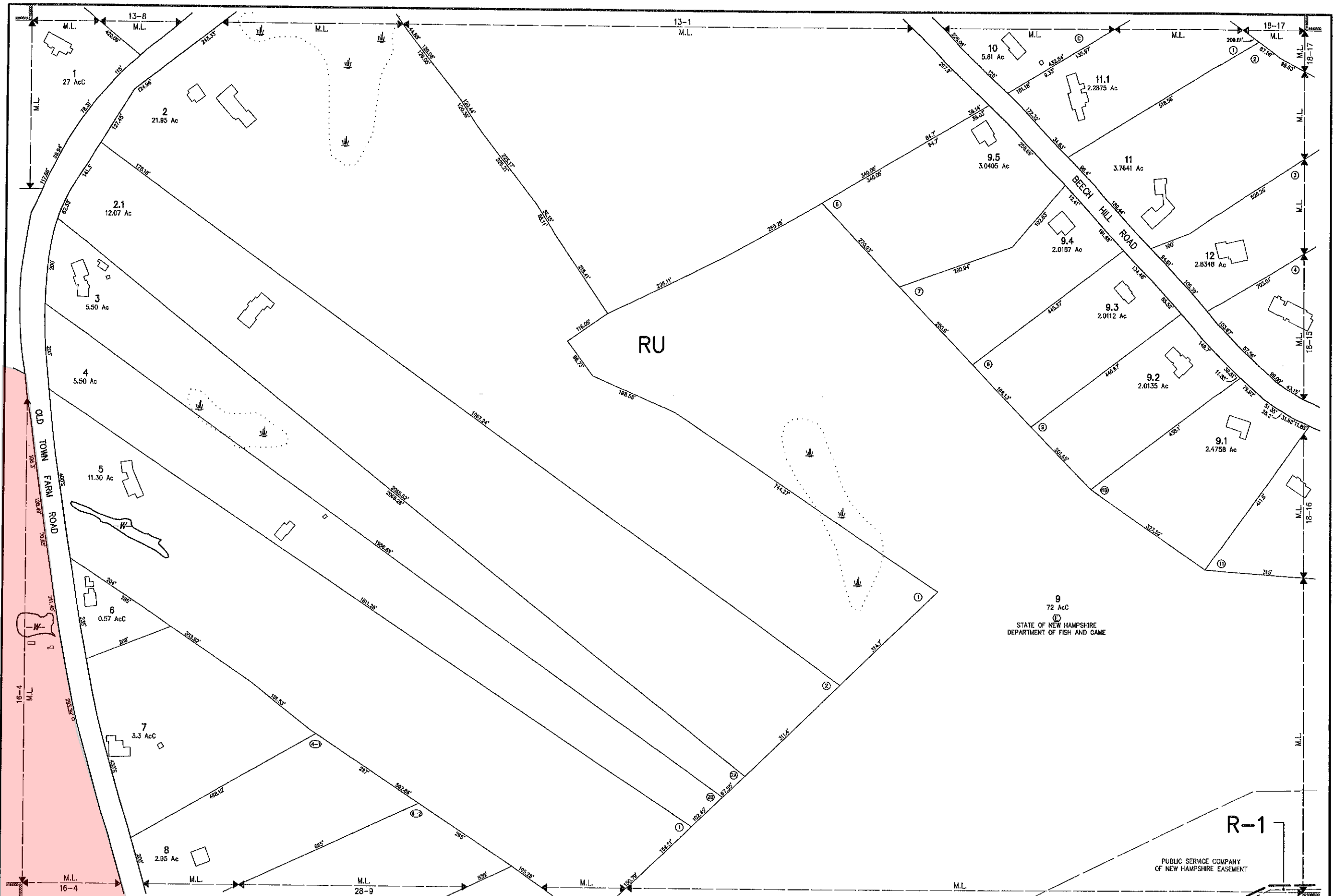
SCALE 1" = 100'
 FEET 0 50 100 200 300
 METERS 0 25 50 75
 REVISED TO: APRIL 1, 2024

PROPERTY MAPS
EXETER
 NEW HAMPSHIRE

INDEX DIAGRAM

15	14	13
	16	
29	28	

MAP NO.
16



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 THE HORIZONTAL DATUM IS THE NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM.
 PHOTOGRAPHY DATE: APRIL 25, 1995
 COMPLETION DATE: MARCH 29, 1996

PRODUCED IN 1999 BY
CAI Technologies
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AREA SURVEYED	Ac
AREA CALCULATED	AcC
RECORD DIMENSION	100'
SCALED DIMENSION	100'S
MATCH LINE	M.L.
WATER	W

LEGEND

EXEMPT PROPERTY	⓪
SUBDIVISION LOT NO.	①
ZONE LIMIT	—
RIGHT OF WAY	—
COMMON OWNERSHIP	—
BUILDINGS	—
WETLANDS	W

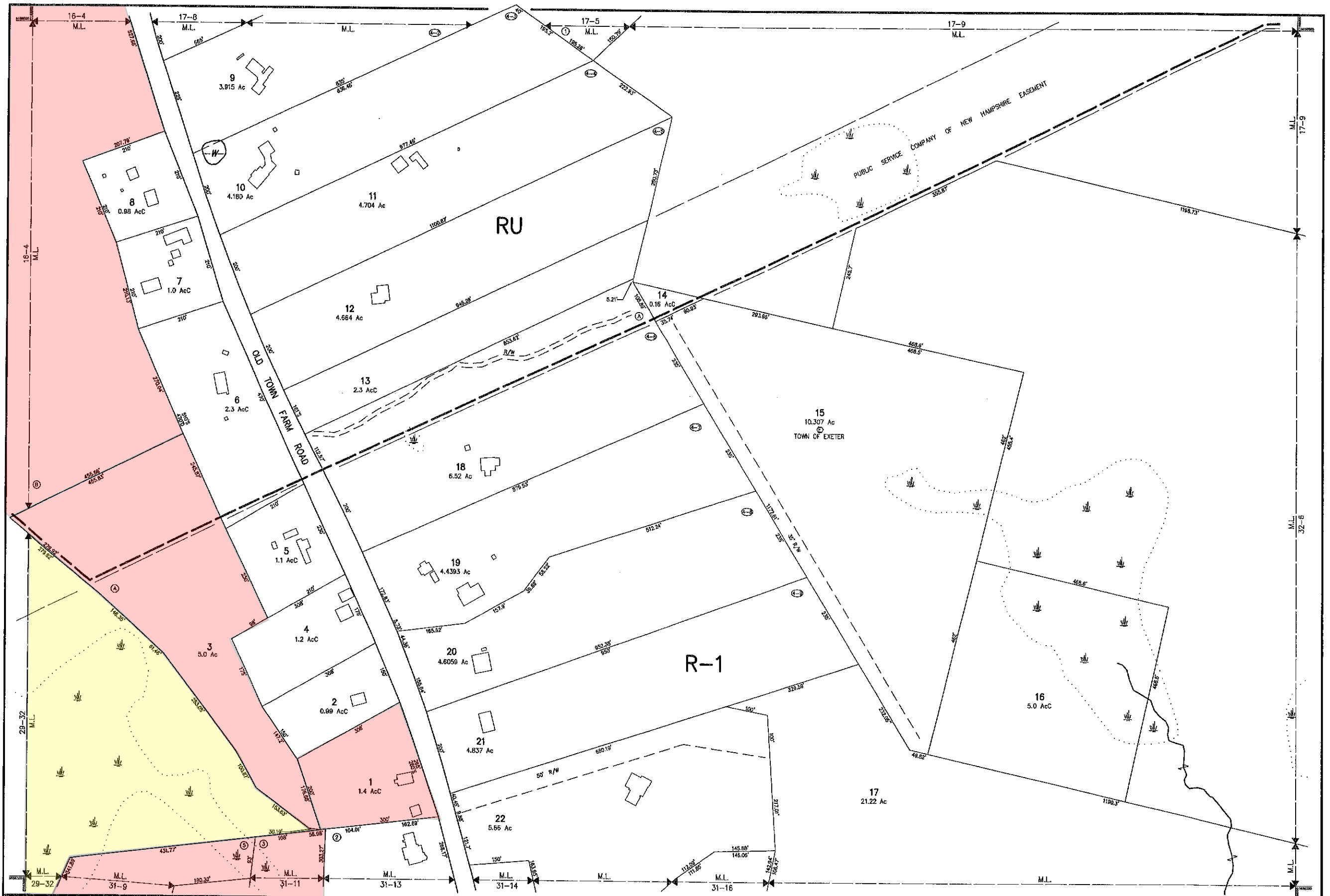
SCALE 1" = 100'
 FEET 0 50 100 200 300
 METERS 0 25 50 75
 REVISED TO: APRIL 1, 2021

PROPERTY MAPS
EXETER
 NEW HAMPSHIRE

INDEX DIAGRAM

14	13	12
16	18	
29	28	27

MAP NO.
17

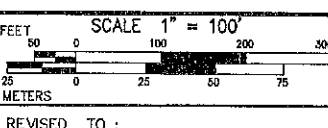


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 PHOTOGRAPHY DATE: APRIL 25, 1995
 COMPLETION DATE: MARCH 29, 1996

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AREA SURVEYED Ac
 AREA CALCULATED Ac
 RECORD DIMENSION 100'
 SCALED DIMENSION 100'S
 MATCH LINE
 WATER

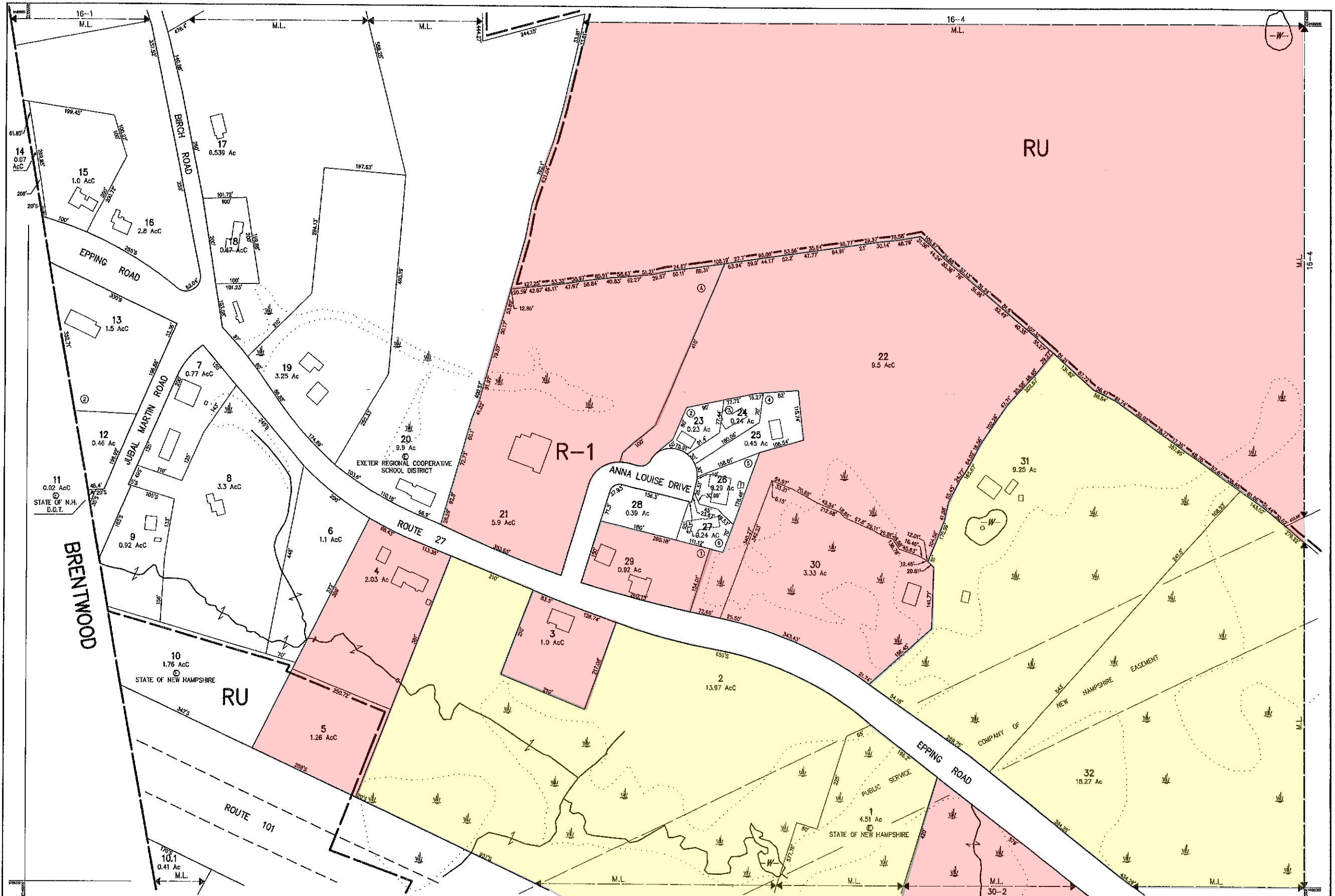
LEGEND
 EXEMPT PROPERTY
 SUBDIVISION LOT NO.
 ZONE LIMIT
 RIGHT OF WAY
 COMMON OWNERSHIP
 BUILDING
 WETLANDS



PROPERTY MAPS
EXETER
 NEW HAMPSHIRE

INDEX		DIAGRAM	
16	17	18	
29	30	31	32

MAP NO.
28



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THE HORIZONTAL DATUM IS THE NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM.

PHOTOGRAPHY DATE: APRIL 25, 1995

COMPLETION DATE: MARCH 29, 1996

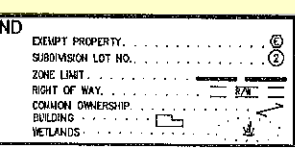
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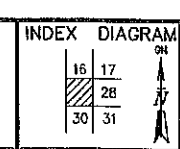
LEGEND

AREA SURVEYED	Ac	Ac
AREA CALCULATED	Ac	Ac
RECORD DIMENSION	100'	100'
SCALED DIMENSION	100%	100%
MATCH LINE	M.L.	M.L.
WATER	W	W
DIEMPT PROPERTY	⊙	⊙
SUBDIVISION LOT NO.	①	①
ZONE LINE	---	---
RIGHT OF WAY	---	---
COMMON OWNERSHIP	---	---
BUILDING	▭	▭
WETLANDS	W	W

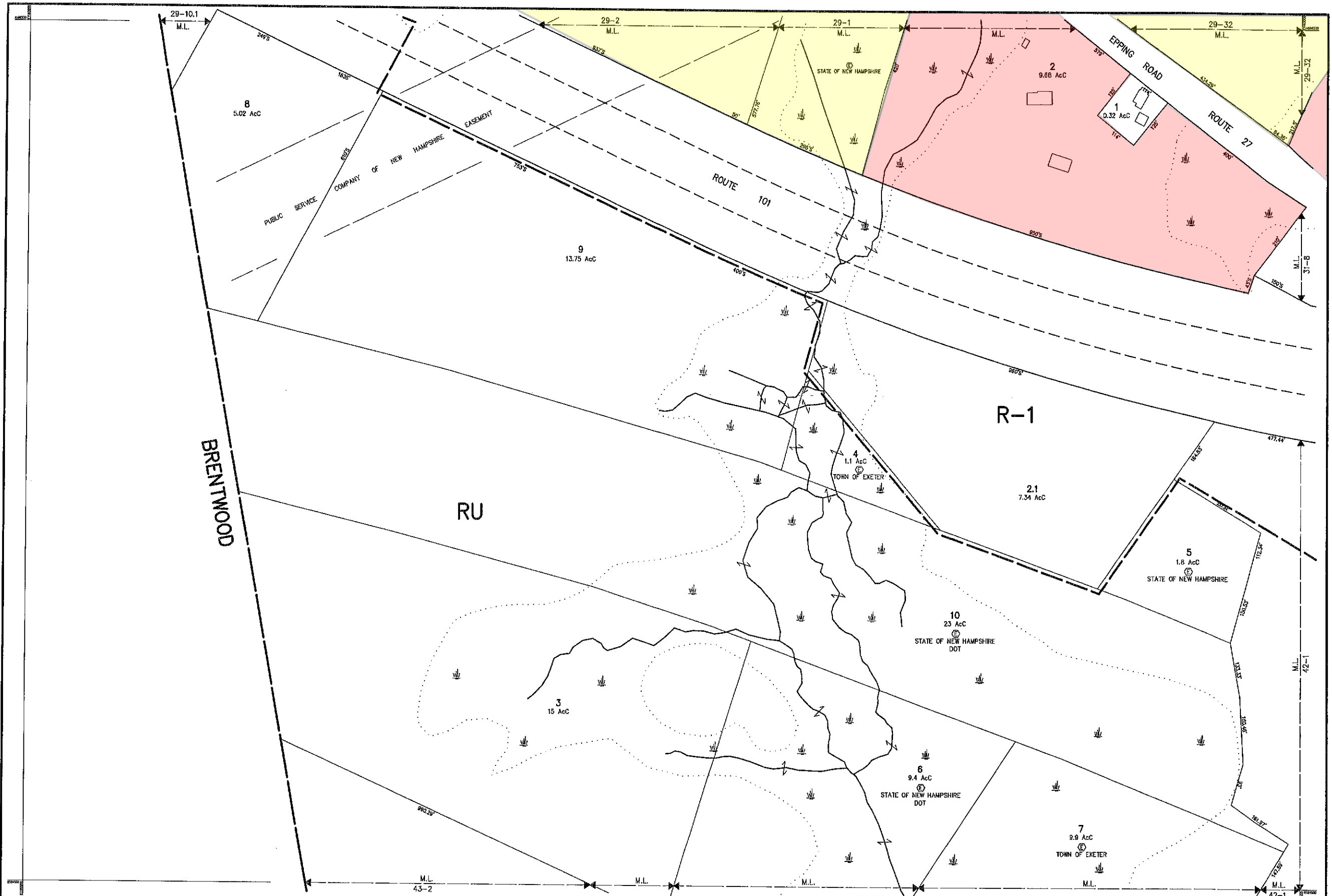


REVISOR TO: APRIL 1, 2021

PROPERTY MAPS
EXETER
NEW HAMPSHIRE



MAP NO.
29



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PHOTOGRAPHY DATE: APRIL 25, 1995

COMPLETION DATE: MARCH 29, 1996

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AREA SURVEYED	Ac
AREA CALCULATED	Ac
RECORD DIMENSION	100'
SCALED DIMENSION	100'
MATCH LINE	M.L.
WATER	

LEGEND

EXEMPT PROPERTY

SUBDIVISION LOT NO.

ZONE LIMIT

RIGHT OF WAY

COMMON OWNERSHIP

BUILDING

WETLANDS

SCALE 1" = 100'

FEET 0 100 200 300

METERS 0 25 50 75

REVISED TO: APRIL 1, 2021

PROPERTY MAPS

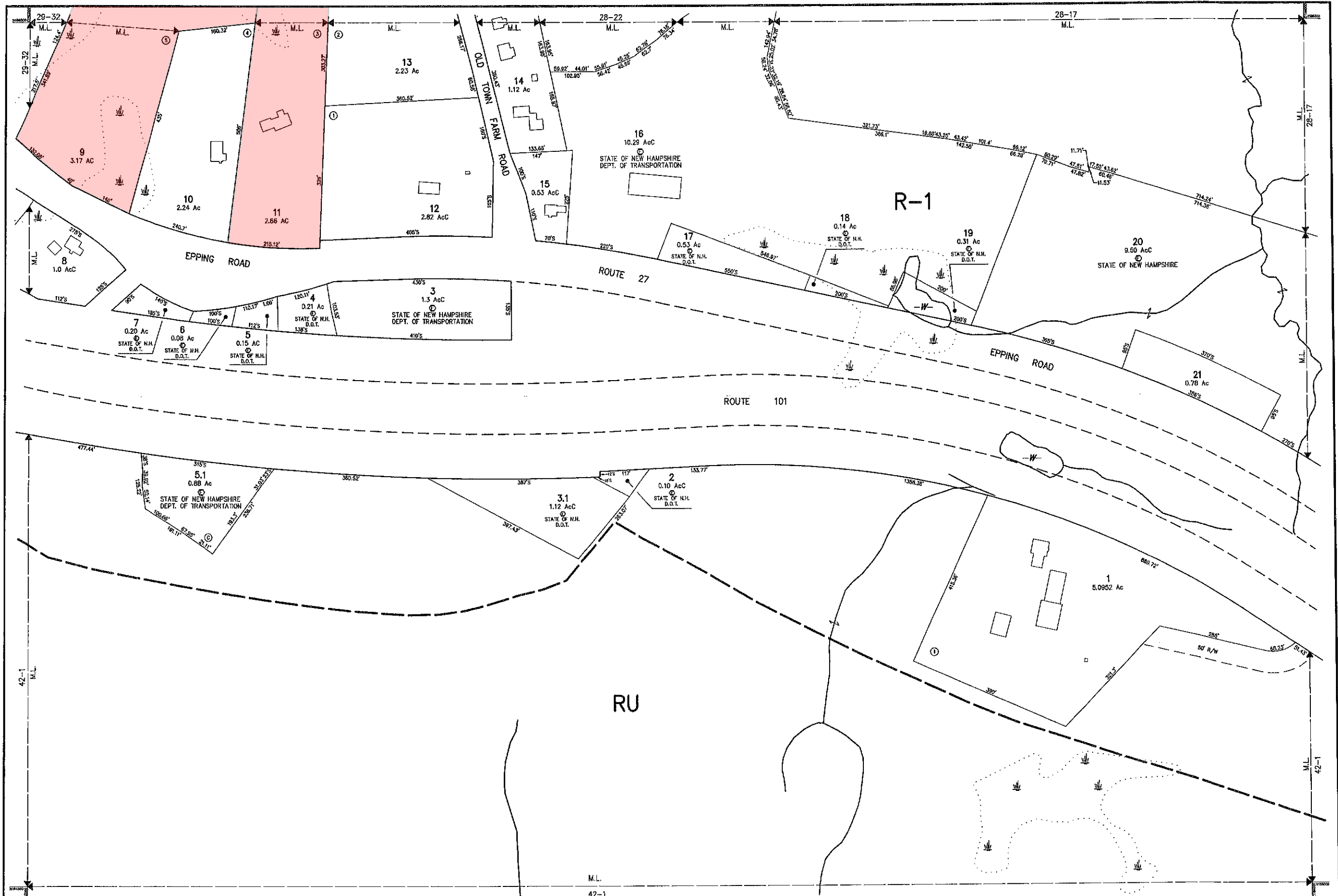
EXETER

NEW HAMPSHIRE

INDEX DIAGRAM

29	28
31	30
43	42

MAP NO. **30**



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THE HORIZONTAL DATUM IS THE NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM.

PHOTOGRAPHY DATE: APRIL 25, 1995

COMPLETION DATE: MARCH 29, 1996

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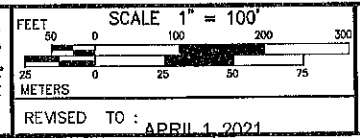
CAI Technologies

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 603.233.4540 - WWW.CAI-TECH.COM

AREA SURVEYED	Ac
AREA CALCULATED	AcC
RECORD DIMENSION	100'
SCALED DIMENSION	.....	100'
MATCH LINE	← M.L. →	
WATER	— W —	

LEGEND

EXEMPT PROPERTY	.....	Ⓢ
SUBDIVISION LOT NO.	.....	Ⓣ
ZONE LIMIT	.....	— Z —
RIGHT OF WAY	.....	— R/W —
DOWNSHIP OWNERSHIP	.....	— D.O. —
BUILDINGS	.....	— B —
WETLANDS	.....	— W —



PROPERTY MAPS

EXETER

NEW HAMPSHIRE

INDEX DIAGRAM

29	28	27
30	31	32
43	42	41

MAP NO.

31

Exeter Region Cooperative
School District
30 Linden Street
Exeter, NH 03833

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Richard A. & Mary L., Trustees
18 Old Town Farm Road
Exeter, NH 03833

State of New Hampshire
(Richard Gregoire)
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Brian D. & Pamella J. Boisvert
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Exeter, NH 03833

Silver Granada Realty, LLC
131 Pine Road
Brentwood, NH 03833

Exeter United Methodist Church
307 Epping Road
Exeter, NH 03833

Homeowners Association
of Rock Creek Place
6 Anna Louise Drive
Exeter, NH 03833

Woofy Limited Liability Co
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Exeter, NH 03833

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