

TOWN OF EXETER, NEW HAMPSHIRE

10 FRONT STREET • EXETER, NH • 03833-3792 • (603) 778-0591 •FAX 772-4709 <u>www.exeternh.gov</u>

LEGAL NOTICE EXETER PLANNING BOARD AGENDA

The Exeter Planning Board will meet on Thursday, November 2, 2023 at 7:00 P.M. in the Nowak Room of the Exeter Town Office building located at 10 Front Street, Exeter, New Hampshire to consider the following:

APPROVAL OF MINUTES: October 26, 2023

The application of McFarland Realty Trust for site plan review and Wetland Conditional Use Permit for the proposed construction of a vehicle storage lot and electric charging station on the property located at 110 Holland Way. The subject property is located in the C-2, Highway Commercial zoning district. Tax Map Parcel #51-14-1 and #51-13. PB Case #23-16.

OTHER BUSINESS

- Master Plan Discussion
- Land Use Regulations Review
- Field Modifications
- Bond and/or Letter of Credit Reductions and Releases

EXETER PLANNING BOARD

Langdon J. Plumer, Chairman

Posted 10/20/23: Exeter Town Office and Town of Exeter website

INSERT PB 10/26/23 DRAFT MINUTES

(when available)

TOWN OF EXETER



Planning and Building Department

10 FRONT STREET • EXETER, NH • 03833-3792 • (603) 778-0591 • FAX 772-4709

www.exeternh.gov

Date: October 26, 2023

To: Planning Board

From: Dave Sharples, Town Planner

Re: McFarland Realty Trust PB Case #23-16

The Applicant is seeking approval of a site plan and Wetlands Conditional Use Permit application(s) for the proposed construction of a vehicle storage lot and electric vehicle charging station on the property located at 110 Holland Way. The subject properties are located in the C-2, Highway Commercial zoning district and are identified as Tax Map Parcels #51-14-1 & #51-13.

The Applicant submitted application(s), plans, and supporting documents, dated September 12th, 2023 and these materials are enclosed for your review.

A Technical Review Committee (TRC) meeting was conducted on October 5th, 2023 by Town departments, and the minutes from that meeting are enclosed for your review. Town department comments were so noted by the Applicant at the meeting and no TRC comment letter was provided. The application was not reviewed by Underwood Engineers, Inc. (UEI).

The Applicant appeared before the Conservation Commission at their September 12th, 2023 meeting to review their Conditional Use Permit. A memo from Conservation & Sustainability Planner Kristen Murphy, dated October 24, 2023, outlining the Commission's recommendations is enclosed, as well as the minutes from that meeting.

The Applicant has submitted revised plans and supporting documents, dated October 25th, 2023 addressing staff comments and they are enclosed in your packets. Staff will review the resubmittal over the next week and I will update the board on that review at the meeting.

The Applicant is requesting one (1) waiver from the Board's Site Plan Review & Subdivision Regulations to permit grading within five feet (5') of a property line. Please see enclosed waiver request letter, dated October 25th, 2023.

In the event the Board decides to act on the application, I have provided motions below for your convenience. I will be prepared with conditions of approval should the Board decide to grant approval.

Waiver Motions:

Grading within 5 feet of property line waiver motion: After reviewing the criteria for granting waivers, I move that the request of McFarland Realty Trust (PB Case #23-16) for a waiver from Section 9.3.6.4. of the Site Plan Review and Subdivision Regulations regarding grading within 5 feet of the property line be APPROVED / APPROVED WITH THE FOLLOWING CONDITIONS / TABLED / DENIED.

Planning Board Motions:

Conditional Use Permit (Wetlands) Motion: After reviewing the criteria for a Wetlands Conditional Use permit, I move that the request of McFarland Realty Trust (PB Case #23-16) for a Conditional Use Permit be APPROVED / APPROVED WITH THE FOLLOWING CONDITIONS / TABLED / DENIED.

Site Plan Motion: I move that the request of McFarland Realty Trust (PB Case #23-16) for Site Plan approval be APPROVED / APPROVED WITH THE FOLLOWING CONDITIONS / TABLED / DENIED.

Thank You.

Enclosures



85 Portsmouth Avenue, PO Box 219, Stratham, NH 03885 603,772,4746 - JonesandBeach.com

September 12, 2023

Exeter Planning Board Attn. Langdon Plumer, Chair 10 Front Street Exeter, NH 03833

RE: Site Plan & Conditional Use Application 110 Holland Way, Exeter, NH Tax Map 51, Lots 14-1 & 13 JBE Project No. 19198

Dear Mr. Plumer,

On behalf of our client, McFarland Ford Sales, Inc., we respectfully submit a Site Plan & Conditional Use Application for the above-mentioned property. The intent of this application is to propose the construction of a vehicle storage lot and electric vehicle charging station located at 110 Holland Way, Tax Map 51, Lots 14-1 & 13.

Five (5) copies of the following are included with this Site Plan & Conditional Use Application:

- 1. Completed Site Plan & Conditional Use Application.
- 2. Fee Check in amount of \$615.00 additional check of \$170.00 already received by Conservation Commission (will be giving to PB).
- 3. Signed Letter of Authorization.
- 4. Current Deed.
- 5. Abutters List & 3 Sets of Mailing Labels.
- 6. Tax Map.
- 7. Two (2) Drainage Analysis (Coming from Conservation Commission).
- 8. Five (5) Full Size Plan Sets.
- 9. Fifteen (15) Half Size Plan Sets.

If you have any questions or need any additional information, please feel free to contact our office. Thank you very much for your time.

Very truly yours,

JONES & BEACH ENGINEERS, INC.

Erik Poulin, P.E. Project Manager

cc: Chris Lane, McFarland Ford Sales, Inc. (application & plans via email)



SITE PLAN REVIEW APPLICATION CHECKLIST

A COMPLETED APPLICATION FOR SITE PLAN REVIEW MUST CONTAIN THE FOLLOWING

1.	Application for Hearing	(x)
2.	Abutter's List Keyed to Tax Map (including the name and business address of every engineer, architect, land surveyor, or soils scientist whose professional seal appears on any plan submitted to the Board)	(x)
3.	Completed- "Checklist for Site Plan Review"	(x)
4.	Letter of Explanation	(x)
5.	Written Request for Waiver (s) from "Site Plan Review and Subdivision Regulations" (if applicable)	()
6.	Completed "Preliminary Application to Connect and /or Discharge to Town of Exeter- Sewer, Water or Storm Water Drainage System(s)" (if applicable)	()
7.	Planning Board Fees	(x)
8.	Seven (7) full-sized copies of Site Plan	(x)
9.	Fifteen (15) 11"x17" copies of the final plan to be submitted <u>TEN DAYS</u> <u>PRIOR</u> to the public hearing date.	(X)
10.	Three (3) pre-printed 1"x 2 5/8" labels for each abutter, the applicant and all consultants.	(x)
NOT.	ES: All required submittals must be presented to the Planning Department office for distribution to other Town departments. Any material submitted directly		

to other departments will not be considered.

 $f: \ \ docs' plan'g \ \& \ build'g \ dept'application \ revisions' application \ revisions \ 2019 \ site \ plan \ review \ app \ 2019. docx$



TOWN OF EXETER, NH APPLICATION FOR SITE PLAN REVIEW

OFFICE USE ONLY
APPLICATION # DATE RECEIVED APPLICATION FEE PLAN REVIEW FEE ABUTTERS FEE LEGAL NOTICE FEE TOTAL FEES
INSPECTION FEE INSPECTION COST REFUND (IF ANY)
McFarland Realty Tr., Henry O. McFarland Trustee TELEPHONE: ()
r, NH 03833
ERTY IF OTHER THAN OWNER:
se attach.)
ership Property
ZONING DISTRICT: C-2 Highway Commercial POPTION REING DEVEL OPED: 0.22 agrees
r S



5. I	ESTIMATED TOTAL SITE DEVELOPMENT COST \$ 107,000
6. l	EXPLANATION OF PROPOSAL: To propose the construction of a vehicle storage lot
_	and electric vehicle charging station.
7. A	RE MUNICIPAL SERVICES AVAILABLE? (YES/NO) N/A
I	f yes, Water and Sewer Superintendent must grant written approval for connection. f no, septic system must comply with W.S.P.C.C. requirements.
	IST ALL MAPS, PLANS AND OTHER ACCOMPANYING MATERIAL SUBMITTED VITH THIS APPLICATION:
	ITEM: NUMBER OF COPIES
	See Cover Letter
() 10. N N	NY DEED RESTRICTIONS AND COVENANTS THAT APPLY OR ARE CONTEMPLATED (ES/NO) Yes IF YES, ATTACH COPY. Existing easement on Lot 13. AME AND PROFESSION OF PERSON DESIGNING PLAN: AME: Erik Poulin, P.E., Jones & Beach Engineers DDRESS: PO Box 219, Stratham, NH 03885
	ROFESSION: Civil Engineer TELEPHONE: (603) 772-4746
11. L	IST ALL IMPROVEMENTS AND UTILITIES TO BE INSTALLED:
L	ghting



12. HAVE ANY SPECIAL EXCEPTIONS OR VARIANCES BEEN GRANTED BY THE ZONING BOARD OF ADJUSTMENT TO THIS PROPERTY PREVIOUSLY?

IF YES, DESCRIBE BELOW. (Please check with the Planning Department Office to verify)
No
13. WILL THE PROPOSED PROJECT INVOLVE DEMOLITION OF ANY EXISTING BUILDINGS OR
APPURTENANCES? IF YES, DESCRIBE BELOW.
(Please note that any proposed demolition may require review by the Exeter Heritage Commission in accordance with Article 5, Section 5.3.5 of the Exeter Zoning Ordinance).
No
14. WILL THE PROPOSED PROJECT REQUIRE A "NOTICE OF INTENT TO EXCAVATE" (State of
NH Form PA-38)? IF YES, DESCRIBE BELOW.
N/A
NOTICE: I CERTIFY THAT THIS APPLICATION AND THE ACCOMPANYING PLANS AND
SUPPORTING INFORMATION HAVE BEEN PREPARED IN CONFORMANCE WITH ALL APPLICABLE
REGULATIONS; INCLUDING BUT NOT LIMITED TO THE "SITE PLAN REVIEW AND SUBDIVISION
REGULATIONS" AND THE ZONING ORDINANCE. FURTHERMORE, IN ACCORDANCE WITH THE
REQUIREMENTS OF SECTION 15.2 OF THE "SITE PLAN REVIEW AND SUBDIVISION REGULATIONS",
I AGREE TO PAY ALL COSTS ASSOCIATED WITH THE REVIEW OF THIS APPLICATION.
DATE 9 111 23 OWNER'S SIGNATURE LOA

ACCORDING TO RSA 676.4.I (c), THE PLANNING BOARD MUST DETERMINE WHETHER THE APPLICATION IS COMPLETE WITHIN 30 DAYS OF SUBMISSION. THE PLANNING BOARD MUST ACT TO APPROVE, CONDITIONALLY APPROVE, OR DENY AN APPLICATION WITHIN SIXTY FIVE (65) DAYS OF ITS ACCEPTANCE BY THE BOARD AS A COMPLETE APPLICATION. A SEPARATE FORM ALLOWING AN EXTENSION OR WAIVER TO THIS REQUIREMENT MAY BE SUBMITTED BY THE APPLICANT.



SITE PLAN REQUIREMENTS

7.4 Existing Site Conditions Plan

Submission of this plan will not be applicable in all cases. The applicability of such a plan will be considered by the TRC during its review process as outlined in Section 6.5 Technical Review Committee (TRC) of these regulations. The purpose of this plan is to provide general information on the site, its existing conditions, and to provide the base data from which the site plan or subdivision will be designed. The plan shall show the following:

APPLICANT	TRC	REQUIRED EXHIBITS	
x		7.4.1 Names, addresses, and telephone numbers of the owner, applicant, and person(s) or firm(s) preparing the plan.	
x		7.4.2 Location of the site under consideration, together with the current names and addresses of owners of record, of abutting properties and their existing land use.	
x		7.4.3 Title, date, north arrow, scale, and Planning Board Case Number.	
x		7.4.4 Tax map reference for the site under consideration, together with those of abutting properties.	
x		7.4.5 Zoning (including overlay) district references.	
x		7.4.6 A vicinity sketch or aerial photo showing the location of the land/site in relation to the surrounding public street system and other pertinent location features within a distance of 2,000-feet, or larger area if deemed necessary by the Town Planner.	
x		7.4.7 Natural features including watercourses and water bodies, tree lines, significant trees (20-inches or greater in diameter at breast height) and other significant vegetative cover, topographic features, and any other environmental features that are important to the site design process.	
x		7.4.8 Man-made features such as, but not limited to, existing roads structures, and stonewalls. The plan shall also indicate which features are to be retained and which are to be removed or altered	
x		7.4.9 Existing contours at intervals not to exceed 2-feet with spo elevations provided when the grade is less than 5%. All datum provided shall reference the latest applicable US Coast and Geodetic Survey datum and should be noted on the plan.	
N/A		7.4.10 A High Intensity Soil Survey (HISS) of the entire site, or appropriate portion thereof. Such soil surveys shall be prepared by a certified soil scientist in accordance with the standards established by the Rockingham County Conservation District. Any cover letters or explanatory data provided by the certified soil scientist shall also be submitted.	



x	7.4.11 State and Federally designated wetlands, setback information, total wetlands proposed to be filled, other pertinent information and the following wetlands note: "The landowner is responsible for complying with all applicable local, state, and federal wetlands regulations, including any permitting and setback requirements required under these regulations."
x	7.4.12 Surveyed property lines including angles and bearings, distances, monument locations, and size of the entire parcel. A professional land surveyor licensed in New Hampshire must attest to said plan.
x	7.4.13 The lines of existing abutting streets and driveway locations within 200-feet of the site.
x	7.4.14 The location, elevation, and layout of existing catch basins and other surface drainage features.
X	7.4.15 The shape, size, height, location, and use of all existing structures on the site and approximate location of structures within 200-feet of the site.
X	7.4.16 The size and location of all existing public and private utilities, including off-site utilities to which connection is planned.
X	7.4.17 The location of all existing easements, rights-of-way, and other encumbrances.
x	7.4.18 All floodplain information, including the contours of the 100-year flood elevation, based upon the Flood Insurance Rate Map for Exeter, as prepared by the Federal Emergency Management Agency, dated May 17, 1982.
x	7.4.19 All other features which would fully explain the existing conditions of the site.
x	7.4.20 Name of the site plan or subdivision.



7.5 Proposed Site Conditions Plan (Pertains to Site Plans Only)

The purpose of this plan is to illustrate and fully explain the proposed changes taking place within the site. The proposed site conditions plan shall depict the following:

APPLICANT	TRC	REQUIRED EXHIBITS
x		7.5.1 Proposed grades and topographic contours at intervals not to exceed 2-feet with spot elevations where grade is less than 5%. All datum provided shall reference the latest applicable US Coast and Geodetic Survey datum and should be noted on the plan.
Х		7.5.2 The location and layout of proposed drainage systems and structures including elevations for catch basins.
x		7.5.3 The shape, size, height, and location of all proposed structures, including expansion of existing structures on the site and first floor elevation(s). Building elevation(s) and a rendering of the proposed structure(s).
N/A		7.5.4 High Intensity Soil Survey (HISS) information for the site, including the total area of wetlands proposed to be filled.
x		7.5.5 State and Federally designated wetlands, setback information, total wetlands proposed to be filled, other pertinent information and the following wetlands note: "The landowner is responsible for complying with all applicable local, state, and federal wetlands regulations, including any permitting and setback requirements required under these regulations."
N/A		7.5.6 Location and timing patterns of proposed traffic control devices.
x		7.5.7 The location, width, curbing and paving of all existing and proposed streets, street rights-of-way, easements, alleys, driveways, sidewalks and other public ways. The plan shall indicate the direction of travel for one-way streets. See Section 9.14 – Roadways, Access Points, and Fire Lanes for further guidance.
N/A		7.5.8 The location, size and layout of off-street parking, including loading zones. The plan shall indicate the calculations used to determine the number of parking spaces required and provided. See Section 9.13 – Parking Areas for further guidance.
x		7.5.9 The size and location of all proposed public and private utilities, including but not limited to: water lines, sewage disposal facilities, gas lines, power lines, telephone lines, cable lines, fire alarm connection, and other utilities.
x		7.5.10 The location, type, and size of all proposed landscaping, screening, green space, and open space areas.
x		7.5.11 The location and type of all site lighting, including the cone(s) of illumination to a measurement of 0.5-foot-candle.
x		7.5.12 The location, size, and exterior design of all proposed signs to be located on the site.
N/A		7.5.13 The type and location of all solid waste disposal facilities and accompanying screening.



x	7.5.14 Location of proposed on-site snow storage.
X	7.5.15 Location and description of all existing and proposed easement(s) and/or right-of-way.
x	7.5.16 A note indicating that: "All water, sewer, road (including parking lot), and drainage work shall be constructed in accordance with Section 9.5 Grading, Drainage, and Erosion & Sediment Control and the Standard Specifications for Construction of Public Utilities in Exeter, New Hampshire". See Section 9.14 Roadways, Access Points, and Fire Lanes and Section 9.13 Parking Areas for exceptions.
x	7.5.17 Signature block for Board approval

OTHER PLAN REQUIREMENTS (See Section indicated)

- 7.7 Construction plan
- 7.8 Utilities plan
- 7.9 Grading, drainage and erosion & sediment control plan X
- 7.10 Landscape plan
- 7.11 Drainage Improvements and Storm Water Management Plan (\tilde{X})
- 7.12 Natural Resources Plan
- 7.13 Yield Plan



85 Portsmouth Avenue, PO Box 219, Stratham, NH 03885 603,772,4746 - JonesandBeach.com

August 30, 2023

Exeter Conservation Commission Attn. Andrew Koff, Chair 10 Front Street Exeter, NH 03833

RE: Conditional Use Application 110 Holland Way, Exeter, NH Tax Map 51, Lots 14-1 & 13 JBE Project No. 19198

Dear Mr. Koff

On behalf of our client, McFarland Ford Sales, Inc., we respectfully submit a Conditional Use Application for the Planning Board. The intent of this application is to propose the construction of a vehicle storage lot and electric vehicle charging station located at 110 Holland Way, Tax Map 51, Lots 14-1 & 13.

One (1) copy of the following are included with this Conditional Use Application:

- 1. Completed Conditional Use Application.
- 2. Article 9.1.6.B Response Letter.
- 3. Fee Check.
- 4. Abutters List & 3 Sets of Mailing Labels.
- 5. Tax Map.
- 6. One (1) Full Size Plan Set.
- 7. One (1) Half Size Plan Set.

If you have any questions or need any additional information, please feel free to contact our office. Thank you very much for your time.

Very truly yours, **JONES & BEACH ENGINEERS, INC.**

Erik Poulin, P.E.

Erik Poulin, P.E. Project Manager

cc: Chris Lane, McFarland Ford Sales, Inc. (application & plans via email)

Town of Exeter



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

July 2023



Town of Exeter Planning Board Application

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

SUBMITTAL REQUIREMENTS:

- 1. Refer to the Land Use Board Meeting Schedule and Deadlines for Submission Requirements.
- 2. Plans 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

- 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

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: McFarland Realty Tr., Henry O. McFarland Trustee Etal	
	Address: 151 Portsmouth Avenue, Exeter, NH 03833	
	Email Address: clane@mcfarlandford.com	
	Phone: 603-772-1144	
PROPOSAL	Address: 110 Holland Way, Exeter, NH	
	Tax Map # 51 Lot# 14-1 & 13 Zoning District: C-2 Highway	Commercial
	Owner of Record: Same as Applicant	
Person/Business	Name: Jones & Beach Engineers, Inc., Attn. Erik Poulin, P.E.	
performing work	Address: PO Box 219, Stratham, NH 03885	
outlined in proposal	Phone: 603-772-4746	
Professional that	Name: Gove Environmental Services, Attn. James Gove	
delineated wetlands	Address: 8 Continental Drive, Unit H, Exeter, NH 03833	
	Phone: 603-778-0644	

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

Detailed Proposal includin	g intent, project descriptio	n, and use c	of property: (Use addition:	al sheet as needed)
The intent of this appl station and vehicle sto	ication is to propose to orage area located at 11	he constru 0 Holland	ction of an electric v Way, Tax Map 51, Lots	ehicle charging 14-1 & 13.
Wetland Conservation O		square fo		
Temporary Impact	Wetland:	(SQ FT.)	Buffer:	(SQ FT.)
	Prime Wetlands		X Prime Wetlands	<u>5,948</u>
	Exemplary Wetlands		Exemplary Wetlands	
	☐ Vernal Pools (>200SF)		Vernal Pools (>200SF)	
	☐ VPD		☐ VPD	
	☐ PD		X PD	828
	☐ Inland Stream		☐ Inland Stream	
Permanent Impact	Wetland:		Buffer:	5 044
	Prime Wetlands		Prime Wetlands	_5.844_
	Exemplary Wetlands		Exemplary Wetlands	
	☐ Vernal Pools (>200SF)		☐ Vernal Pools (>200SF)	
	☐ VPD		☐ VPD	
	☐ PD		X PD	580
	☐ Inland Stream		☐ 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):
See attached letter for detailed answers.

9.1.6.B. 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.;



85 Portsmouth Avenue, PO Box 219, Stratham, NH 03885 603.772.4746 - JonesandBeach.com

August 30, 2023

Exeter Conservation Commission Attn. Andrew Koff, Chair 10 Front Street Exeter, NH 03833

RE: Condition Use Application 110 Holland Way, Exeter, NH Tax Map 51, Lots 14-1 & 13 JBE Project No. 19198

Dear Mr. Koff

On behalf of our client, McFarland Ford Sales, Inc., we respectfully submit our responses to Section 9.1.6.B of the Town of Exeter Zoning Ordinance as part of our Conditional Use Application.

- 1. The underlying zone is the C2- Highway Commercial. The primary use for the property is a storage vehicle lot, which is an allowed use.
- 2. The storage lot and electric vehicle charging station design has been reduced to best extent practical to minimize impacts to wetlands and buffers. The current area is an existing gravel parking lot. The proposed design reduces the impervious area by proposing a smaller pavement footprint then the existing gravel area.
- 3. Gove Environmental Services, Inc. has submitted a Wetland Delineation & Functional Assessment Report with this application.
- 4. The project proposes to use treatment swales, and natural perimeter erosion control measures to ensure impacts to the wetland and buffer is minimized to the best extent practical. Detailed maintenance procedures for all erosion and drainage features onsite are included within the submitted plan set and an Operation and Maintenance Manual exists for the property. These procedures help ensure the features on site continue to function property or the foreseeable future.
- 5. The impact to the wetland buffer will occur in a largely already disturbed area. The design also proposed to provide stormwater treatment to a section of the gravel parking area that does not currently have any. The pavement area is also proposed to be curbed, which directs stormwater to the proposed treatment swale. Disturbance within all buffers has been kept to a minimum and the proposed pavement will be located father away from the wetland then the existing gravel.

- 6. An existing deed restriction of 18.7 acres is located on Lot 17 and a 5.02-acre conservation easement exists on Lot 13. We feel this provides a sufficient amount of protection to the existing wetland system given the size of the proposed impact.
- 7. All permanent impacts are to be pavement or associated side slopes for the pavement area. All disturb areas will be returned to green space. The area of pavement will be smaller than the existing gravel lot and will be father away from the wetlands. These gravel areas not proposed to be paved will be loamed and seeded.
- 8. All required permits will be permits will be obtained. Following submission of the Conditional Use Permit for review of the Exeter Conservation Commission the permit package will be submitted to the Exeter Planning Board for review and approval.

If you have any questions or need any additional information, please feel free to contact our office. Thank you very much for your time.

Very truly yours,
JONES & BEACH ENGINEERS, INC.

Erik Poulin, P.E.

Erik Poulin, P.E. Project Manager

cc: Chris Lane, McFarland Ford Sales, Inc. (application & plans via email)

STORMWATER MANAGEMENT OPERATION AND MAINTENANCE MANUAL

110 Holland Way, Exeter, NH Tax Map 51 Lots 14-1 & 17 Exeter, NH 03833

Prepared for:

McFarland Ford Sales, Inc. 151 Portsmouth Ave Exeter, NH 03833

Prepared by:

Jones & Beach Engineers, Inc. 85 Portsmouth Avenue P.O. Box 219 Stratham, NH 03885 (603) 772-4746 March 01, 2021 JBE Project No. 19198

Inspection and Maintenance of Facilities and Property

A. Maintenance of Common Facilities or Property

1. McFarland Ford Sales Inc., future owners and assigns is responsible to perform the maintenance. The owner shall keep receipts and records of all maintenance companies hired throughout the year. Should ownership of the property change, McFarland Ford Sales Inc. shall continue to remain responsible until it notifies the Town that said succeeding owner(s) has assumed such responsibility. Upon subsequent transfers, the responsibility shall continue to be that of the transferring owner until the transferee owner notifies the Town of the assumption of responsibility, along with contact information of the new responsible party(ies).

B. General Inspection and Maintenance Requirements

- 1. The Owner shall perform all inspections and maintenance with greater than annual frequency as required by this report.
- 2. Permanent stormwater and sediment and erosion control facilities to be maintained on the site include, but are not limited to, the following:
 - a. Erosion
 - b. Vegetation and landscaping
 - c. Riprap inlet and outlet protection aprons
 - d. Swale
 - e. Porous Pavement
 - f. Culverts

- 2. Maintenance of permanent measures shall follow the following schedule:
 - a. Erosion: Annual inspection of the site for erosion, destabilization, settling, and sloughing. Any needed repairs are to be conducted immediately.
 - b. Vegetation and Landscaping: Annual inspection of site's vegetation and landscaping. Any areas that are bare shall be reseeded and mulched with hay or, if the case is extreme, loamed and seeded or sodded to ensure adequate vegetative cover. Landscape specimens shall be replaced in kind, if they are found to be dead or dying.
 - c. Riprap: Rock riprap should be inspected annually and after every major storm event in order to ensure that it has not been displaced, undermined, or otherwise damaged. Displaced rock should be replaced, or additional rock added in order to maintain the structure(s) in their undamaged state. Woody vegetation should not be allowed to become established in riprap areas, and/or any debris removed from the void spaces between the rocks. If the riprap is adjacent to a stream or other waterbody, the water should be kept clear of obstructions, debris, and sediment deposits.
 - d. Swales: Inspect annually for erosion, sediment accumulation, vegetation loss, and presence of invasive species. Perform periodic mowing; frequency depends on location and type of grass. Remove debris and accumulated sediment, based on inspection. Repair eroded areas, remove invasive species and dead vegetation, and reseed with applicable grass mix as warranted by inspection.
 - e. Porous Asphalt Parking Lots:

The following recommendations will help assure that the pavement is maintained to preserve its hydrologic effectiveness.

Winter maintenance:

- Sanding for winter traction is prohibited. Deicing is permitted (NaCl, MgCl₂, or equivalent). Reduced salt application to 50% over traditional pavement application rates. Nontoxic, organic deicers, applied either as blended, magnesium chloride-based liquid products or as pretreated salt, are preferable.
- Plowing is allowed, blade should be set approximately 1" above road surface. Ice and light snow accumulation are generally not as problematic as for standard asphalt. Snow will accumulate during heavier storms and should be plowed. (more than usual, about an inch).

• Snow shall not be plowed or stored in 50' wetland buffer.

Routine maintenance:

- Asphalt seal coating is absolutely forbidden. Surface seal coating is not reversible.
- The pavement surface should be vacuumed 2 or 4 times per year, and at any additional times sediment is spilled, eroded, or tracked onto the surface.
- Planted areas adjacent to pervious pavement should be well
 maintained to prevent soil washout onto the pavement. If any bare
 spots or eroded areas are observed within the planted areas, they
 should be replanted and/or stabilized at once.
- Immediately clean any soil deposited on pavement. Superficial dirt
 does not necessarily clog the pavement voids. However, dirt that is
 ground in repeatedly by tires can lead to clogging. Therefore, trucks or
 other heavy vehicles should be prevented from tracking or spilling dirt
 onto the pavement.
- Do not allow construction staging, soil/mulch storage, etc. on unprotected pavement surface. Contractor to laydown tarps, plywood or removable item and take care not to track material onto unprotected pavement.
- Repairs: potholes of less than 50 square feet can be patched by any
 means suitable with standard pavement or a pervious mix is preferred.
 For areas greater than 50 sq. ft. is in need of repair, approval of patch
 type should be sought from a qualified engineer. Any required repair
 of drainage structures should be done promptly to ensure continued
 proper functioning of the system.
- Written and verbal communication to the porous pavement's future owner should make clear the pavement's special purpose and special maintenance requirements such as those listed here.
- A permanent sign shall be added and maintained at the entrance and end of the porous asphalt area to inform residents and maintenance staff of the special nature and purpose of the pavement, and its special maintenance requirements.

Signage should read as follows:

POROUS ASPHALT PAVEMENT FOR STORM WATER MANAGEMENT

MAINTENANCE REQUIREMENTS:

PLOW WITH SLIGHTLY RAISED BLADE ONLY SANDING OF SURFACE PROHIBITED DEICING PERMITTED (NaC1, MgC12 OR EQUIVALENT)

SEAL-COATING PROHIBITED CLEANING BY PRESSURIZED AIR OR WATER PROHIBITED DRY VACUUM SEMIANNUALLY

f. Culverts: Inspection of culvert inlets and outlets at least once per month during the rainy season (March to November). Any debris is to be removed and disposed of properly.

C. Salt Management:

- It is recommended that the NHDES Green Snow Pro Certification program
 maintenance guidance be followed on site. It is preferable that the contractor
 responsible for Snow removal and the application of salt/sand on site be Snow Pro
 Certified.
- 2. Please refer to the porous pavement section of this manual for additional winter salt reduction information.

See attached sample forms as a guideline.

Any inquiries in regards to the design, function, and/or maintenance of any one of the above mentioned facilities or tasks shall be directed to the project engineer:

Jones & Beach Engineers, Inc. 85 Portsmouth Avenue P.O. Box 219 Stratham, NH 03885

T#: (603) 772-4746 F#: (603) 772-0227

STORM WATER POLLUTION PREVENTION PLAN INSPECTION PERIOD AND CRITERIA

Tax Map 51 Lots 14-1 & 17 110 Holland Way Exeter, NH

Stormwater Component	Inspection Period	Inspection Criteria/Methods
Erosion	Annually	Repair site erosion.
Vegetation	Annually	Repair bare unvegetated areas.
Riprap	Annually	Relocate displaced rocks, remove woody vegetation and debris.
Swale	Bi-annually	Inspection for sediment/debris, inspect for erosion, inspection for invasives, mow.
Porous Pavement	Bi-annually	Inspection for sediment/debris, inspect for damage to the porous pavement surface.
Culvert	Bi-annually	Inspection for sediment/debris

are presented to the

STORM WATER OPERATIONS AND MAINTENANCE PLAN INSPECTION REPORT

Tax Map 51 Lots 14-1 & 17 110 Holland Way, Exeter, NH Exeter, NH 03833

Yearly Inspection Form				
Inspected Component	Date of Inspection	Inspector	Issue Detected / Action Taken	
Erosion				
Vegetation				
Riprap				
Culvert				
Porous Pavement				
Swale				

Letter of Authorization

McFarland Realty Tr, Henry O. McFarland Trustee Etal, 151 Portsmouth Avenue, Exeter, NH 03833, owner of property located in Exeter, NH, known as Tax Map 51, Lot 14-1, do hereby authorize Jones & Beach Engineers, Inc., PO Box 219, Stratham, NH, to act on my behalf concerning the previously-mentioned property. The parcel is located on Off Portsmouth Avenue in Exeter, NH.

I hereby appoint Jones & Beach Engineers, Inc., as my agent to act on my behalf in the review process, to include any required signatures.

Henry O. McFarland Trustee

McFarland Realty Tr.

1-12-2021



WARRANTY DEED

ROUTE 88 CONNECTOR, LLC, a Delaware limited liability company, with an address c/o The Richmond Company, Inc., 7 Essex Green Drive, Suite 56, Peabody, Massachusetts 01960 ("Grantor") for consideration paid, grants to Henry O. McFarland, Trustee, Susan McFarland Moynahan, Trustee, and Jay D. McFarland, Trustee, in their capacities as Trustees of McFARLAND REALTY TRUST under Declaration of Trust dated April 29, 1983 recorded with Rockingham Registry of Deeds in Book 2442, Page 1152, as amended, with an address of 151 Portsmouth Avenue, Exeter, New Hampshire 03833 ("Grantee"), with Warranty Covenants, the land in the Town of Exeter, County of Rockingham, State of New Hampshire described on Exhibit A attached hereto and made a part hereof.

Such premises are conveyed subject to a Utility Easement as set forth in the Notice of Condemnation filed by the State of New Hampshire Department of Transportation, dated March 7, 1997, and recorded in the Rockingham County Registry of Deeds (the "Registry") at Book 3203, Page 347, and to a Conservation Easement Deed from Route 88 Connector, LLC, to the Town of Exeter Conservation Commission, dated June 10, 2004, and recorded in said Registry at Book 4326, Page 1590.

For Grantor's title, see Warranty Deed of Harold Ralph Haley, Donald E. Haley, Muriel E. Ostrowski and Janice L. Coffin dated May 21, 2002, and recorded in said Registry at Book 3777, Page 2662.

EXECUTED under seal this 36% day of December, 2004.

ROUTE 88 CONNECTOR, LLC

By: Redford Realty Corp., a
Massachusetts corporation, its

Manager

y: Dhi Dao

Phop Pastan, President

COMMONWEALTH OF MASSACHUSETTS

County of Ssuy

December 2004

Then personally appeared the above-named Philip Pastan, President, of Redford Realty Corp., Manager of Route 88 Connector, LLC, and acknowledged the foregoing to be his free act and deed and the free act and deed of Redford Realty Corp., as Manager of Route 88 Connector, LLC, before me.

letary Public

My Commission expires:

ELISA M. DeMELO NOTARY PUBLIC My commission expires Mar. 25, 2005

EXHIBIT A

A certain parcel of land located south of Portsmouth Avenue (NH Route 108) and east of the Route 88 Connector in the Town of Exeter, in the County of Rockingham and the State of New Hampshire, being shown on a plan entitled "Lot Line Revision, Portsmouth Avenue - NH Route 108, Exeter, New Hampshire" prepared by James Verra and Associates, Inc., dated 8/8/2000 (revised through 4/29/01) and recorded in the Rockingham County Registry of Deeds as Plan No. D-30822 (the "Plan"), and being bounded and described as follows:

Beginning at a granite bound set in the Exeter/Stratham Town Line at the southeast corner of land now or formerly of Route 88 Connector, LLC, as shown on Sheet 2 of said Plan, near a point labeled "B" on said Plan; thence

S 54°41'22" W	along land now or formerly of Exeter and Hampton Electric Company a distance of two hundred ninety-seven and thirty-seven hundredths feet (297.37') to a concrete bound at land now or formerly of GTE Osram Sylvania; thence
N 63°35'47" W	along said GTE Osram Sylvania land a distance of one hundred sixty-nine and ninety-three hundredths feet (169.93') to a fence post with barbed wire; thence
N 57°17'51" W	along said GTE Osram Sylvania land a distance of eighty-one and thirty-eight hundredths feet (81.38') to a fence post with barbed wire; thence
N 54°31'59" W	along said GTE Osram Sylvania land a distance of eighty-seven and seventy-five hundredths feet (87.75') to a 24" pine with barbed wire; thence
N 57°57'05" W	along said GTE Osram Sylvania land a distance of seventy-one and seventy-nine hundredths feet (71.79') to a 16" maple with barbed wire; thence
N 63°29'37" W	along said GTE Osram Sylvania land a distance of forty-three and thirty-two hundredths feet (43.32') to a fence post with barbed wire; thence
N 61°51'38" W	along said GTE Osram Sylvania land a distance of eighty-five and fourteen hundredths feet (85.14') to a point; thence
N 74°14'57" W	along said GTE Osram Sylvania land a distance of seventy-eight and seventy-nine hundredths feet (78.79') to a NH Highway Bound at land now or formerly of M.K. Realty Co., Inc.; thence
N 26°22'34" W	along said M.K. Realty land a distance of one hundred seventy- seven and sixty-six hundredths feet (177.66') to an iron rod at other land of the Grantee, McFarland Realty Trust; thence

{00014522.DOC / 5}

N 74°52'32" E	along said McFarland Realty Trust land a distance of three hundred seventy-five and no hundredths feet (375.00) to an iron rod; thence
N 25°21'53" W	along said McFarland Realty Trust land a distance of three hundred eighty-five and nineteen hundredths feet (385.19') to an iron rod & cap at other land of the Grantor, Route 88 Connector LLC; thence
N 64°10'52" E	along said Route 88 Connector land a distance of forty-five and no hundredths feet (45.00') to an iron rod & cap;
S 25°21'53" E	along said Route 88 Connector land a distance of three hundred twenty-nine and eighty hundredths feet (329.80') to an iron rod & cap; thence
N 64°38'07" E	along said Route 88 Connector land a distance of one hundred thirty-eight and eighty-eight hundredths feet (138.88') to an iron rod & cap shown as Point "A" on the Plan, said point also being in the Exeter/Stratham Town Line; thence
S 36°19'54" E	along said Route 88 Connector land and the Exeter/Stratham Town Line a distance of five hundred seventy-seven and fifty-nine hundredths feet (577.59') to a point labeled "B" on said Plan; thence
S 23°39'28" E	along said Route 88 Connector land and the Exeter/Stratham Town Line a distance of twelve and thirty-one hundredths feet (12.31') to the point of beginning.

The above described parcel contains 6.90 acres, more or less, in the Town of Exeter, New Hampshire.



GOVE ENVIRONMENTAL SERVICES, INC

August 28, 2023

Erik Poulin Jones&Beach Engineers, Inc. 85 Portsmouth Avenue PO Box 219 Stratham, NH 03885

Subject: Wetland Delineation & Functional Assessment Report

McFarland Ford 110 Holland Way Exeter, NH

Dear Mr. Poulin:

This wetland report is provided in connection with the proposed installation of EV charging stations and drainage improvements at the McFarland Ford Dealership in Exeter, NH. The report documents the delineation and functional assessment of wetland resources in the vicinity of the proposed work as well as an evaluation of the proposed work within the context Section 9.1 of the Exeter Zoning Ordinance (Wetland Conservation District).

WETLAND DELINEATION

Resource areas on this property were delineated on in August of 2023 by Brendan Quigley, NHCWS #249 utilizing the following standards:

- 1. 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. United States Department of Agriculture (2018).
- 3. New England Hydric Soils Technical Committee. 2019 Version 4, Field Indicators for Identifying Hydric Soils in New England. New England Interstate Water Pollution Control Commission, Lowell, MA.
- 4. National Wetland Plant List, Version 3.2 (2016).

Wetland boundaries were surveyed by Jones&Beach Engineers for use on project plans. There are three areas of wetland adjacent to the proposed work which have been demarcated in the field with three segments of consecutive numbered "Wetland Delineation" flagging. All three areas of wetland are ultimately part of the same wetland complex but differ in that two of the areas coincide with the mapped Prime Wetland. The Prime Wetland has a wetter hydrology and largely very poorly drained soil, as required for the Prime wetland designation. The predominant

wetland type is mixed forested wetland dominated by red male and hemlock (PFO1/4¹) but scrub shrub and emergent wetland components (PSS1/PEM1) also exist in areas further from the proposed work. The third area of the wetland extends well above the mapped Prime Wetland and up to the edge of the existing gravel parking area where the project is proposed. This is a forested wetland developed on poorly drained soil with diverse vegetation consisting of relatively uniform young Red Maple and Glossy Buckthorn. These wetland areas are identified on the attached sketch plan.

FUNCTION &VALUE ASSESSMENT

A functional assessment was conducted using the US Army Corps Highway Methodology guidelines. Functions are self-sustaining properties of wetlands, which exist in the absence of human involvement. Values refers to the benefits gained by society from a given wetland or ecosystem and their inherent functions. Functions and values identified as "primary" have been determined to be significant features of the wetland being evaluated. An important distinction is that the primary functions and values of a particular wetland does not necessarily indicating the wetland supports them at a significant level in comparison to other wetlands in the region or even near the site.

The Highway Methodology considers 13 functions and values:

- 1. Groundwater recharge/discharge: This function considers the potential for a wetland to serve as a groundwater recharge and/or discharge area. Recharge should relate to the potential for the wetland to contribute water to an aquifer. Discharge should relate to the potential for the wetland to serve as an area where ground water can be discharged to the surface.
- 2. Floodflow Alteration: This function considers the effectiveness of the wetland in reducing flood damage by attenuation of floodwaters for prolonged periods following precipitation events.
- 3. Fish and Shellfish Habitat: This function considers the effectiveness of seasonal or permanent water bodies associated with the wetland in question for fish and shellfish habitat.
- 4. Sediment/Toxicant/Pathogen Retention: This function reduces or prevents degradation of water quality. It relates to the effectiveness of the wetland as a trap for sediments, toxicants or pathogens.
- 5. Nutrient Removal/Retention/Transformation: This function relates to the effectiveness of the wetland to prevent adverse effects of excess nutrients entering aquifers or surface waters such as ponds, lakes, streams, rivers or estuaries.
- 6. Production Export: This function relates to the effectiveness of the wetland to produce food or usable products for human, or other living organisms.
- 7. Sediment/Shoreline Stabilization: This function relates to the effectiveness of a wetland to stabilize stream banks and shorelines against erosion.

¹ Classification of Wetlands and Deepwater Habitats of the United States. USFW Manual FWS/OBS-79/31 (1979).



8. Wildlife Habitat: This function considers the effectiveness of the wetland to provide habitat for various types and populations of animals typically associated with wetlands and the wetland edge. Both resident and or migrating species must be considered.

- 9. Recreation: This value considers the effectiveness of the wetland and associated watercourses to provide recreational opportunities such as canoeing, boating, fishing, hunting and other active or passive recreational activities. Consumptive opportunities consume or diminish the plants, animals or other resources that are intrinsic to the wetland, whereas non-consumptive opportunities do not.
- 10. Educational/Scientific Value: This value considers the effectiveness of the wetland as a site for an "outdoor classroom" or as a location for scientific study or research.
- 11. Uniqueness/Heritage: This value relates to the effectiveness of the wetland or its associated water bodies to produce certain special values. Special values may include such things as archeological sites, unusual aesthetic quality, historical events, or unique plants, animals, or geological features.
- 12. Visual Quality/Aesthetics: This value relates to the visual and aesthetic qualities of the wetland.
- 13. Threatened or Endangered Species Habitat: This value relates to the effectiveness of the wetland or associated water bodies to support threatened or endangered species.

Prime Wetland Areas

As one would expect, the Prime Wetland supports a number of functions and values through its greater diversity and wetland specific habitat. Water quality function and flood attenuation are principal functions of the wetland which are both enabled by its restricted outlet and direction of drainage s toward Waterworks Pond.

Poorly Drained (non-prime) Wetland

The portion of forested wetland extending to the edge of the existing gravel parking area supports comparatively less wetland function. The modest habitat value in this area is not wetland specific. The topography is relatively flat and vegetation is not dense which inhibits potential water quality and flood attenuation function. This area of wetland functions more as a buffer to the adjacent area of Prime Wetland.

RELATION TO THE PROPOSED WORK

The proposed project involves buffer impacts only, no direct wetland impact is proposed. Buffer impacts fall into two distinct categories: 1) impacts associated with conversion of the existing gravel parking area, and 2) impacts associated with the construction of a stormwater treatment swale extending north along the edge of the driveway for the dealership.

The buffer impact associated with the paving of the small existing gravel parking area for construction of EV charging stations is almost entirely within the existing disturbed area. The proposed configuration will actually decrease the size of the gravel surface by approximately

1,500 square feet with the remaining area being returned to vegetation. The proposed project will also incorporate formal stormwater management and treatment whereas the current gravel parking area contributes uncontrolled runoff to the wetland. This will result in a net improvement and will be fully protective of wetland functions and values.

The buffer impacts associated with construction of the of the swale at the edge of the driveway will involve disturbance within a15-foot to 20-foot wide area directly adjacent to the pavement. Approximately half of this disturbance is located within the shoulder of the existing driveway which can be characterized as a partially disturbed weedy area subject to periodic maintenance. The remainder of the buffer impact is to naturally vegetated buffer. This impact will result in the loss of some screening function between the developed area of the dealership and the wetland. This may result in a minor effect on the quality of the wildlife habitat in the wetlands but will not result in habitat loss or segmentation. The treatment of currently untreated runoff should, however, improve water quality within the wetland and therefore improve wildlife habitat. The overall water quality and flood attenuation functions of the wetland itself will not be affected.

The project will therefore have very minimal impact on wetland function and overall ecological integrity of the wetlands associated with the site. Furthermore, the project will result in meaningful improvements by treating currently uncontrolled stormwater runoff at this location. This concludes the wetland delineation and wetland functional assessment report. If I can be of further assistance, please feel free to contact me at (603) 778-0644.

Sincerely,

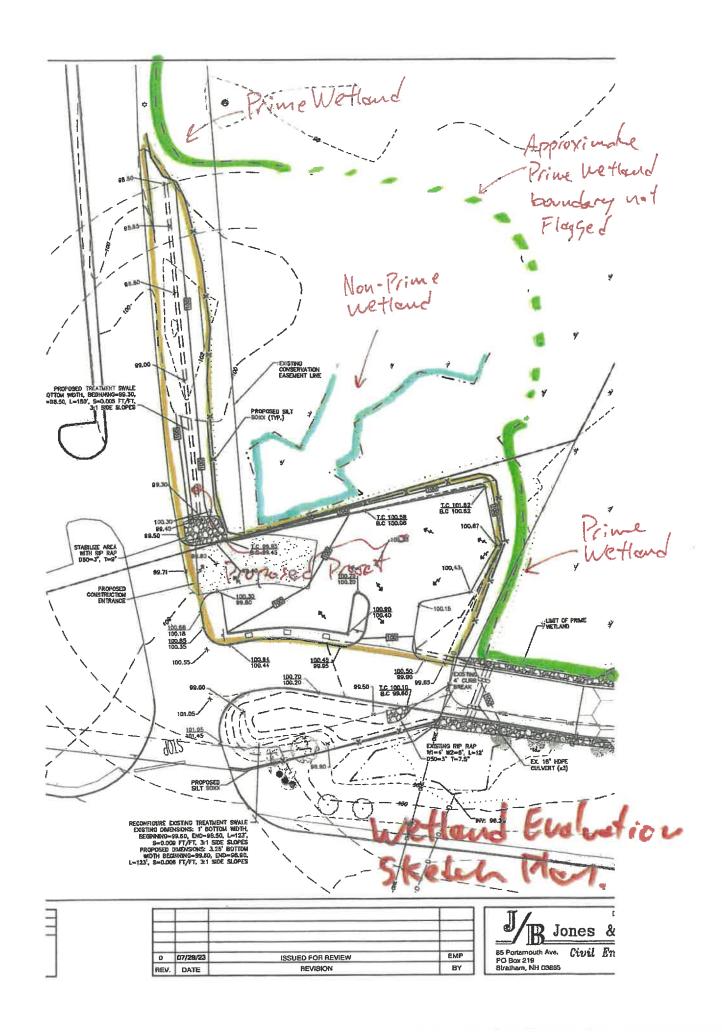
Brendan Quigley, NHCWS

Gove Environmental Services, Inc.

Enc. Wetland Function Evaluation Forms

Sketch Plan







WETLAND FUNCTIONAL ANALYSIS

GES PROJECT NO.:	2019194	DATE:	8/28/23		STAFF: BJQ	
WETLAND ID:	Prime S	SIZE:	20+ acres		LOCATION: McFarlan	d EV charging stations
DOMINANT CLASS	IFICATION: 1	PFO/SS	/EM		NUMBER OF VEGETA	ATIVE CLASSES: 3
WETLAND TYPE Bog Deciduous Woode Drainage Swale Evergreen Woode Freshwater Deep I Kreshwater Shallo Mixed Wooded St Perennial Stream Pond/Lake	d Swamp Marsh w Marsh				Sand Dune Scrub-Shrub Swamp Seasonal Stream Tidal Marsh Wet Meadow Excavated Ditch Excavated Wetland Graded Wetland	>
☐ Potential Vernal P☐ River☐ Salt Marsh	Pool				Wetland Detention Basi Wetland w/ Spoil Piles	n
PLAN:						
To protect the Prime V use.	Wetland be use	of poro	us pavemen	t, m	aintenance of a forested b	ouffer, and limited salt
PLANT SPECIES Trees Red Maple Hemlock	Saplings Red Map Hemlock	ple		Hig	<i>rubs</i> ghbush Blueberry nterberry	Herbaceous Cinnamon Fern Sensitive Fern
White Pine	White Pi	-			son Ivy	Sphagnum

SPECIAL HABITAT OR OTHER NOTES

Prime Wetland

GROUNDWATER RECHARGE/DISCHARGE ☐ Restrictive layer	Function Present: ☐ Yes X No ☐ Groundwater discharge: Seep/Spring
 ☐ Gravel or sands ☐ Till X Marine/Lacustrine 	X Variable water levels□ Constant water levels
FLOODFLOW ALTERATION	Function Present: X Yes 🗆 No
X H M M L Watershed position	Slopes in watershed: Flat
Topo of wetland	
X L □ M □ S Size relative to watershed □ Other storage in watershed present	X Constricted outlet X Associated with water course
SEDIMENT/TOXICANT/PATHOGEN RETENTION	Function Present: XYes INo
Sediment/toxicants sources present upslope	☐ Associated w/ surface water ☐ Erosion or sedimentation
X Flat wetland topo X Organic fine soils	☐ Diffuse flows
X Flood storage occurs	X Vegetation interspersion
X Broad transition ☐ Ditching	X Dense herbaceous
•	THE PARTY STATE
NUTRIENT REMOVAL/RETENTION/TRANSFORM	ATION Function Present: X Yes \subseteq No
Hydrologic regime	☐ Aquatic diversity abundance
☐ Open water X Sediment trapping	☐ Slow moving water
X Nutrients upslope	X Organic soils
PRODUCTION EXPORT	Function Present: X Yes \subseteq No
X Wildlife food sources	☐ H X M ☐ L Diversity
Detritus X Wildlife use	Aquatic plants X Permanent outlet
☐ HXM ☐ L Vegetation Density	☐ Signs of Export
☐ HXM ☐ L Interspersion	
SEDIMENT/SHORELINE STABILIZATION	Function Present: Yes XNo
Association w/ surface water: Yes X No	T 77 1 0
☐ Topo gradient ☐ Bank or shoreline	☐ High flows ☐ Channelized flow
☐ Vegetated bank	☐ Open water fetch
WILDLIFE HABITAT	Function Present: X Yes No
☐ Degradation Type:	
X Upland buffer Width: 50-75 feet plus	
Type of buffer: Forested X Wetland connections	
X Corridor	
☐ Islands	
☐ Loafing logs ☐ Aquatic habitat	
X Cavity trees	
☐ Rock crevices	
☐ Fish habitat	

GOVE ENVIRONMENTAL SERVICES, INC.



WETLAND FUNCTIONAL ANALYSIS

GES PROJECT NO.: 2019194 DATE: 8/28/23	STAFF: BJQ
WETLAND ID: Non-Prime Wetland	LOCATION: McFarland EV charging stations
DOMINANT CLASSIFICATION: PFO	NUMBER OF VEGETATIVE CLASSES: 1
WETLAND TYPE Bog X Deciduous Wooded Swamp Drainage Swale Evergreen Wooded Swamp Freshwater Deep Marsh Freshwater Shallow Marsh Mixed Wooded Swamp Perennial Stream Pond/Lake Potential Vernal Pool River Salt Marsh	□ Sand Dune □ Scrub-Shrub Swamp □ Seasonal Stream □ Tidal Marsh □ Wet Meadow □ Excavated Ditch □ Excavated Wetland □ Graded Wetland □ Wetland Detention Basin □ Wetland w/ Spoil Piles
PROPOSED IMPACTS:	
Buffer impacts within existing gravel parking area only,	no direct impacts are proposed.
PLANT SPECIES: <u>Trees</u> Red Maple	Shrubs Herbaceous Highbush Blueberry Glossy buckthorn

SPECIAL HABITAT OR OTHER NOTES:

Wetland on poorly drained soil, not mapped as Prime. Flat to shallow depression topo.

Project - McFarland	WETLAND NUMBER - Non-Prime Wetland
GROUNDWATER RECHARGE/DISCHARGE ☐ Restrictive layer ☐ Gravel or sands ☐ Till X Marine/Lacustrine	Function Present: No ☐ Groundwater discharge: Seep/Spring X Variable water levels ☐ Constant water levels
FLOODFLOW ALTERATION x H M L Watershed position Topo of wetland L M x S Size relative to watershed Other storage in watershed present	Function Present: No Slopes in watershed: flat, very little basin
SEDIMENT/TOXICANT/PATHOGEN RETENTION X Sediment/toxicants sources present upslope X Flat wetland topo Organic fine soils Flood storage occurs Broad transition	Function Present: Associated w/ surface water Diffuse flows Vegetation interspersion Dense herbaceous
NUTRIENT REMOVAL/RETENTION/TRANSFORM Hydrologic regime □ Open water □ Nutrients upslope	ATION Function Present: No Aquatic diversity abundance Slow moving water Organic soils
PRODUCTION EXPORT ☐ Wildlife food sources ☐ Detritus ☐ Wildlife use ☐ H ☐ M x L Vegetation Density ☐ H ☐ M x L Interspersion	Function Present: No H M x L Diversity Aquatic plants Permanent outlet Signs of Export
SEDIMENT/SHORELINE STABILIZATION Association w/ surface water: No Topo gradient Bank or shoreline Vegetated bank High flows Channelized flow Open water fetch	Function Present: No
WILDLIFE HABITAT General forest habitat/buffer to Prime wetland X Wetland connections Corridor Islands Loafing logs Aquatic habitat Cavity trees Rock crevices Fish habitat GOVE ENVIRONMENTAL SERVICES, INC.	Function Present: Yes
GOVE ENVIRONMENTAL SERVICES, INC.	

ABUTTERS LIST (DIRECT) AS OF JULY 26, 2023 FOR 110 HOLLAND WAY, EXETER, NH JBE PROJECT No. 19198

OWNER OF RECORD/APPLICANT:

TAX MAP 51/LOT 13 – ABUTTING PROPERTY TAX MAP 51/LOT 14-1 – SUBJECT PROPERTY MCFARLAND REALTY TR HENRY O MCFARLAND TRUSTEE ETAL 151 PORTSMOUTH AVE EXETER, NH 03833
BK 4451/PG 0426 (12/30/04) – LOT 13
BK 4451/PG 0502 (02/10/05) – LOT 14-1

EXETER ABUTTERS:

51/3 ARCHLAND PROPERTY I LLC PO BOX 6300 AMHERST, NH 03031 4322/0141 (06/29/04)

51/3.1 GIBBS OIL CO LTD PARTNERSHIP 6 KIMBALL LANE, STE. 400 LYNNFIELD, MA 01940 3203/2650 (03/14/97)

51/5 ST AMOUR REVOCABLE TRUST BARBARA ST AMOUR TRUSTEE 4 STONEYBROOK LANE EXETER, NH 03833 5281/0173 (01/17/12)

51/11 UNITIL ENERGY SYSTEMS, INC. 6 LIBERTY LANE HAMPTON, NH 03842 3938/0701 (12/02/02) 51/15 KEVIN KING ENTERPRISES CO LLC C/O HANNAFORD BROS CO PO BOX 6500 CARLISLE, PA 17013 3792/0479 (06/28/02)

51/17 ONE FOUR SIX POST RD LLC 151 PORTSMOUTH AVE EXETER, NH 03833 6258/1800 (03/30/21)

51/112 NH EXETER PROPERTIES LLC 70 W MADISON ST, STE. 5600 CHICAGO, IL 60602 6448/0421 (10/24/22)

STRATHAM ABUTTERS:

4/21 KEVIN KING ENTERPRISES COMPANY PO BOX 216 STRATHAM, NH 03885 4451/0495 (03/16/05) – STRATHAM

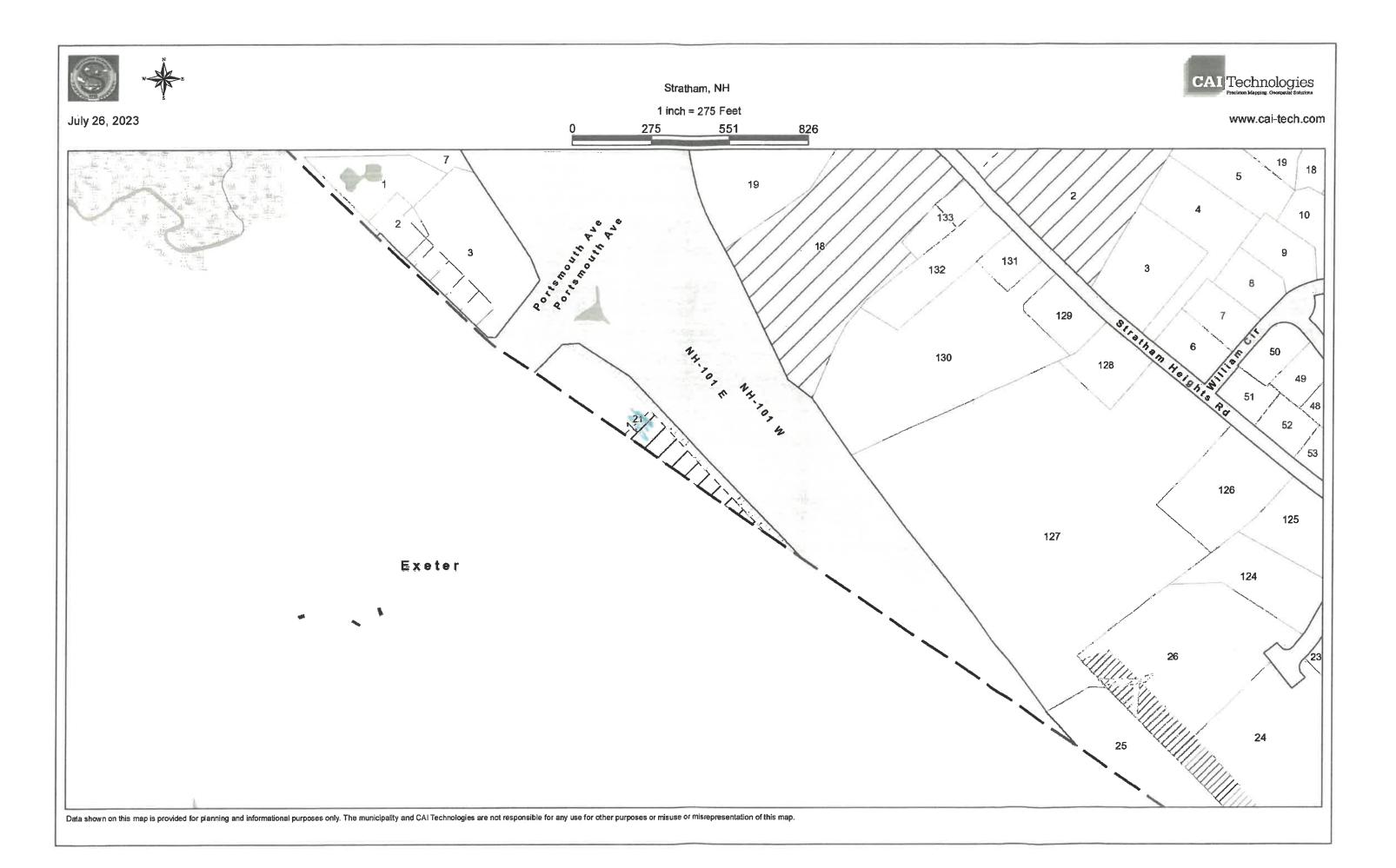
NHDOT 7 HAZEN DR CONCORD, NH 03301

ENGINEERS/SURVEYORS:

JONES & BEACH ENGINEERS, INC. ATTN: ERIK POULIN, P.E. PO BOX 219 STRATHAM, NH 03885

WETLANDS/SOILS:

GOVE ENVIRONMENTAL SERVICES, INC. ATTN. JAMES GOVE 8 CONTINTENTIAL DR, UNIT H EXETER, NH 03833



Draft Minutes

Exeter Technical Review Committee October 5, 2023

The meeting began at 10:03 AM in the Nowak Room of the Exeter Town Office building.

Application

#1

Project Description:

• The application of McFarland Realty Trust for a site plan review and Wetlands Conditional Use permit for the proposed construction of a vehicle storage lot and electric charging station on the property located at 110 Holland Way. The subject property is located in the C-2, Highway Commercial zoning district. Tax Map Parcel #51-14-1 and #51-13. PB Case #23-16.

Attendees: Town staff: Town Planner, Dave Sharples and Natural Resources Planner, Kristen Murphy

Applicant and Representatives: Erik Poulin, P. E., Jones & Beach Engineering

The committee reviewed plans and materials submitted to the Planning Office. An overview of the project was presented. Items of discussion included, but were not limited to, the following: confirmation that the plan meets open space requirements, suggestion to merge lots, clarification of property lines on conditions plan, provide evidence of required Storm Water reporting, curb or no snow storage sign to protect most sensitive habitat, add wetland scientist stamp and surveyor stamp, provide lighting schedule.

All items discussed will be outlined in a TRC comment letter to be provided to the Applicant and their representatives by next week.

The applicant plans to submit plans for review by October 25th in anticipation of being placed on the Agenda for the November 2nd Planning Board meeting.

#2

Project Description:

The application of Granite State Construction Services, LLC for a lot line adjustment and site plan review for a proposed single-family open space development on the property at 12 Little River Road. The subject property is located in the R-2, Single Family Residential zoning district. Tax Map Parcel #62-90 and #62-91. PB Case #23-15.

Will be rescheduled.

The meeting adjourned at 10:17 am

Respectfully submitted, Kathleen Croteau Administrative Assistant

TOWN OF EXETER CONSERVATION COMMISSION MEMORANDUM

Date: October 24, 2023
To: Exeter Planning Board

From: Kristen Murphy for Andrew Koff, Chair, Exeter Conservation Commission

Subject: Wetland Conditional Use Permit

Project Information:

<u>Project Location:</u> 110 Holland Way, Exeter, NH <u>Map/Lot:</u> Map 51, Lots 13 and 14-1

<u>CC Review Date</u>: 9/12/23 <u>PB CASE</u>: #23-16

Following presentation of the project by the applicant's representatives and review of the application criteria at the meeting, the Commission voted no objection to the wetland conditional use permit as proposed which passed 6-1 with no abstention. To address concerns about the loss of prime wetland buffer, the applicant committed to utilize a native seed mix in the areas of temporary disturbance within the prime wetland buffer, but this item was not included as a condition of approval.

Kristen Murphy

Conservation & Sustainability Planner

Fruite Murphy

1	Exeter Conservation Commission
2	September 12, 2023
3	Nowak Room
4	10 Front Street
5	7:00 PM
6	Approved Minutes
7	Approved Minates
8	Call to Order
9	
10	1. Introduction of Members Present (by Roll Call)
11	
12	Present at tonight's meeting were by roll call, Chair Andrew Koff, David Short, Treasurer, Nick Campion,
13	Connor Madison, Kyle Welch, , Keith Whitehouse, Alternate Don Clement, Alternate Valerie Fanger,
14	Alternate Michelle Crepeau and Nancy Belanger, Select Board Representative
15	, , , , , , , , , , , , , , , , , , , ,
16	Staff Present: Kristen Murphy, Conservation and Sustainability Planner
17	
18	Mr. Koff called the meeting to order at 7:00 PM.
19	
20	2. Public Comment
21	
22	There was no one from the public present outside of agenda items.
23	
24	Action Items
25	
26	1. Conditional Use Permit (CUP) application for the construction of a vehicle storage lot and vehicle
27	charging station located at 10 Holland Way
28	Tax Map 51, Lots 14-1 & 13 (Jones & Beach)
29	
30	Mr. Koff read out loud the public hearing notice.
31	
32	Chris Poulin of McFarland Ford presented the application to install two level six charging stations and
33	three level three charging stations at its existing gravel storage area on Holland Way. He noted the
34	stations would be available to the public through various payment processes, 24/7. There would
35	continue to be some inventory storage, although less to make room for the traffic entering and existing.
36	The project is scheduled to begin in December.
37	Frie Daulin of Janes & Dasch described the area in the wetland buffer which is to be moved forward for
38	Eric Poulin of Jones & Beach, described the area in the wetland buffer which is to be moved forward for
39 40	less impact to the wetland and paved. He described the proposed treatment swales which would be more visible and drainage as well as curbing and grading. He noted 5,948 SF of temporary impact to
40 41	prime buffer and 828 SF of impact to poorly drained soil. A portion of pavement in the prime buffer is
41	5,844 SF and there will be rip rap and erosion control as well as restoration. He described the three stop
43	control locations.
75	control locations.

Brendan Quigley from Gove Environment was present and provided the functions and values report. He discussed the finger wetlands and noted there was no permit with the state. Chair Koff activated Alternate Don Clement for voting on this application. Mr. Campion asked about the benefit of the charging station and whether it would ever go away. Mr. Poulin responded it would be in perpetuity. Mr. Campion asked about snow storage and Mr. Poulin showed the area proposed which is now grass. Mr. Koff noted he struggled with the loss of prime wetland and Mr. Clement indicated it was an improvement over the gravel area now there, already disturbed and electric vehicles don't leak engine fluids. Mr. Short agreed. Ms. Murphy asked if the southeast side was curbed and Mr. Poulin indicated no. She advised that the wetland scientist stamp needed to be added to the plan. Mr. Koff reviewed the criteria for granting CUP and asked about the seed mix which Mr. Quigley addressed. Mr. Koff asked about areas of mowing. Ms. Murphy asked about the electric cabinet and Mr. Poulin explained the triple phase power access. MOTION: Mr. Clement motioned, after reviewing the criteria, to not oppose the CUP for this project. Mr. Short seconded the motion. A vote was taken, Mr. Koff voted nay. The motion passed 6-1-0.

2. Drinking Water Trust Fund Grant Application for Conservation Land in the area of the town line between Exeter and Newfields (Southeast Land Trust/Trust for Public Lands)

Mr. Koff read out loud the public hearing notice and noted there was a site visit at 5:30 today.

Jeremy Lougee of SELT presented the application which would have \$500,000, if successful, of the \$1.2 M cost funded by the grant. The easement would be held by SELT. He requested a public hearing be scheduled for funding purposes, and a letter of support from the Commission, the Select Board and DPW or the Water Dept. for the deadline on the 29th. He described the project which is joint with Kensington and East Kingston.

Mr. Koff activated Alternate Valerie Fanger for voting on this application.

Ms. Fanger asked about access and he noted the easement is not proposed for recreation and will be privately held with no parking area created. The owners have concerns over posting for hunting. The property was formerly a brick yard. The owner will park their RV and small trailer.

MOTION: Mr. Short motioned that the Commission send a letter of support for this project. Mr. Welch seconded the motion. A vote was taken, all were in favor, the motion passed 7-0-0.



85 Portsmouth Avenue, PO Box 219, Stratham, NH 03885 603,772,4746 - JonesandBeach.com

October 25, 2023

Exeter Planning Board Attn. Langdon Plumer, Chair 10 Front Street Exeter, NH 03833

RE: Technical Review Committee Response Letter

110 Holland Way, Exeter, NH Tax Map 51, Lots 14-1 & 13 JBE Project No. 19198

Dear Mr. Plumer,

Jones and Beach Engineers Inc. had a Technical Review Committee meeting with town staff on October 5th. Review comments are listed below with our responses in bold. Town TRC comments are from verbal discussion during the meeting and not meant to represent direct statements from members of the committee.

TRC Comments from Town:

- 1. Are there any concerns regarding fire hazard while electric vehicles are charging? RESPONSE: This concern was brought to the attention of McFarland Ford and they have indicated that there is no elevated concern regarding fire while electric vehicles are charging. The charging stations will be in an isolated area of the property and not in close proximity to any structures.
- 2. List the proposed open space on the subject properties on the plans.

 RESPONSE: The open space for the subject properties has been added to Sheet C2.
- 3. Are there any inspection / maintenance reports up to this point for the property?

 RESPONSE: Service of the existing porous pavement has been scheduled for October 25th. A report from this service as well as additional information regarding on going maintenance on site will be presented to the board during the meeting for their review.
- 4. A waiver will be needed for grading within 5' of a property line. **RESPONSE:** This waiver has been included with this letter.
- 5. Request for additional landscaping.

 RESPONSE: Additional landscaping has been added to the plans that is consistent with the existing landscaping on the property.

6. Lighting plan should be included with the plan set.

RESPONSE: A lighting plan has been added to the plan set, Sheet L1.

7. Stamped plans from a licensed land surveyor should be provided.

RESPONSE: The current recorded boundary plan for the subject properties has been included with this letter.

Included with this letter are the following documents:

- 1. Seven (5) Full Size Plan Sets.
- 2. Fifteen (10) Half Size Plan Sets.
- 3. Waiver Request
- 4. Recorded Boundary Plan (D-30822)

Thank you very much for your time.

Very truly yours,

JONES & BEACH ENGINEERS, INC.

Erik Poulin, P.E. Project Manager

cc: Chris Lane, McFarland Ford Sales, Inc. (letter & plans via email)





85 Portsmouth Avenue, PO Box 219, Stratham, NH 03885 603.772.4746 - JonesandBeach.com

October 25, 2023

Exeter Planning Board Attn. Langdon Plumer, Chair 10 Front Street Exeter, NH 03833

RE: Waiver Request Letter

110 Holland Way, Exeter, NH Tax Map 51, Lots 14-1 & 13 JBE Project No. 19198

Dear Mr. Plumer,

We respectfully request a waiver from the following sections featured in the <u>Site Plan Review</u> and Subdivision Regulations for the Town of Exeter, New Hampshire:

Section 9.3.6.4 – In order to create a smooth and safe transition between newly graded areas and the surrounding abutters, there will be no grading within 5 feet of any exterior property line. – Jones & Beach Engineers respectfully requests a waiver from this regulation as the proposed parking area occupies an existing gravel parking area that is currently within the 5' grading buffer. In order to reclaim the existing gravel parking area and install the proposed pavement, grading within this area is needed. It is also of note that the property line separates two properties that the applicant owns, and thus would not cause any adverse effect on an abutter.

We look forward to discussion of this waiver request at the Planning Board Hearing. Thank you very much for your time.

Very Truly Yours,

JONES & BEACH ENGINEERS, INC.

Erik Poulin, P.E. Project Manager

cc: Chris Lane, McFarland Ford Sales, Inc. (application & plans via email)

ROLLINSFORD ASSOCIATES
P.O. BOX 483
CONCORD, NH 03302-0483

EXISTING USE:
"VACANT"

51/3.4

NOTES:

TAX SHEET / LOT...... 51/12

OWNER OF RECORD...... McFARLAND REALTY TRUST

APPLICANT:.....THE RICHMOND COMPANY, INC. 7 ESSEX GREEN DRIVE, SUITE 56,
PEABODY, MA 01960, PH 978-532-0545

THE RELATIVE ERROR OF CLOSURE WAS LESS THAN 1 FOOT IN 15,000 FEET.

THE LOCATION OF ALL UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE AND ARE BASED UPON THE FIELD LOCATION OF ALL VISIBLE STRUCTURES (IE CATCH BASINS, MANHOLES, WATER GATES ETC.) AND INFORMATION COMPILED FROM PLANS PROVIDED BY UTILITY COMPANIES AND GOVERNMENTAL AGENCIES. ALL CONTRACTORS SHOULD NOTIFY, IN WRITING, SAID AGENCIES PRIOR TO ANY EXCAVATION WORK AND CALL DIG—SAFE © 1—888—DIG—SAFE.

5. THE PARCEL SHOWN HEREON DOES NOT LIE WITHIN THE 100-YEAR FLOOD HAZARD ZONE AS DEPICTED ON FLOOD INSURANCE RATE MAP TOWN OF EXETER, NEW HAMPSHIRE, ROCKINGHAM COUNTY, COMMUNITY-PANEL NO. 330130 0004 B , EFFECTIVE DATE MAY 17, 1982, BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

WETLANDS IDENTIFICATION BY NH SOIL CONSULTANTS, INC., 1 SIMONS LANE, NEWMARKET, NH 03857, FIELD LOCATION BY JAMES VERRA AND ASSOCIATES, INC.

7. ELEVATION DATUM: NGVD 1929. PRIMARY BENCH MARK # 265, ELEV=43.52, BY NH DOT.

8. THE PARCEL SHOWN HEREON IS LIMITED TO 1 POINT OF ACCESS PER BOOK 3203 PG 347 RCRD.

9. THE PARCEL SHOWN HEREON HAS "..FLOWAGE RIGHTS ACROSS THE ABOVE DESCRIBED LAND ..." (APN 51/15), PER BK 1274 PG 174 RCRD.

10. THE LANDOWNER IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE STATE AND FEDERAL WETLANDS REGULATIONS, INCLUDING ANY PERMITTING REQUIRED UNDER THESE REGULATIONS.

M.K. REALTY CO., INC c/o KEVIN KING ENTERPRISES CO. INC. P.O. BOX 216

STRATHAM, NH 03885

1396/383 & 1379/175

EXISTING USE:

"COMMERCIAL"

REFERENCE PLANS:

- 1. PLAN of LAND, EXETER & STRATHAM, N.H., for H. RALPH HALEY, DATED JAN. 30, 1986, by JOHN W. DURGIN ASSOCIATES, INC., RCRD # D-15511.
- 2. NHDOT FEDERAL PROJECT NO. STP-NHS-F-T-018-2(59), STATE PROJECT NO. 10421, SHEETS 37 & 38.
- 3. ALTA/ ACSM LAND TITLE SURVEY, for McFARLAND REALTY TRUST, 151 PORTSMOUTH AVENUE/NH ROUTE 108, EXETER, N.H., RCRD # D-25961.
- 4. NHDOT FEDERAL PROJECT NO. FAS S220(1) SHEET 6 OF 72.
- 5. PLAN OF LAND FOR SYLVANIA ELECTRIC PRODUCTS INC., EXETER, NEW HAMPSHIRE, DATED DEC. 1962, FILE # 81−33, BY GRANT L. DAVIS.
- 6. LAND IN EXETER, NH, PATTERSON FORD SALES, INC., DATED AUGUST 1967, BY CHESTER A. LEACH, C.E.
- 7. PLAT OF LAND, PORTSMOUTH AVENUE NH ROUTE 108, EXETER & STRATHAM, NEW HAMPSHIRE for H. RALPH HALEY, DATED 5/20/98, REV. 6/10/98, RCRD #D-15511.
- 8. EXISTING CONDITIOS PLAN, PORTSMOUTH AVENUE— NH ROUTE 108, FOR THE RICHMOND COMPANY, INC., DATED 4/7/2000, REV. 4/21/2000, PLAN NO. 21137, BY JAMES VERRA AND ASSOCIATES, INC.

4	4/29/2001	REVISED CONSERVATION EASEMENT	JV
3	11/29/2000	REVISED PER PLANNING DEPT.	JV
2	11/13/2000	REVISED PER PLANNING DEPT.	JV
1	11/1/2000	CONSERVATION ESMT ADDED — MONUMENT SET	JV
REV. NO	DATE	DESCRIPTION	APPR'D

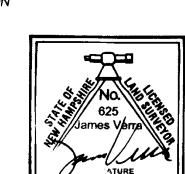
LOT LINE REVISION

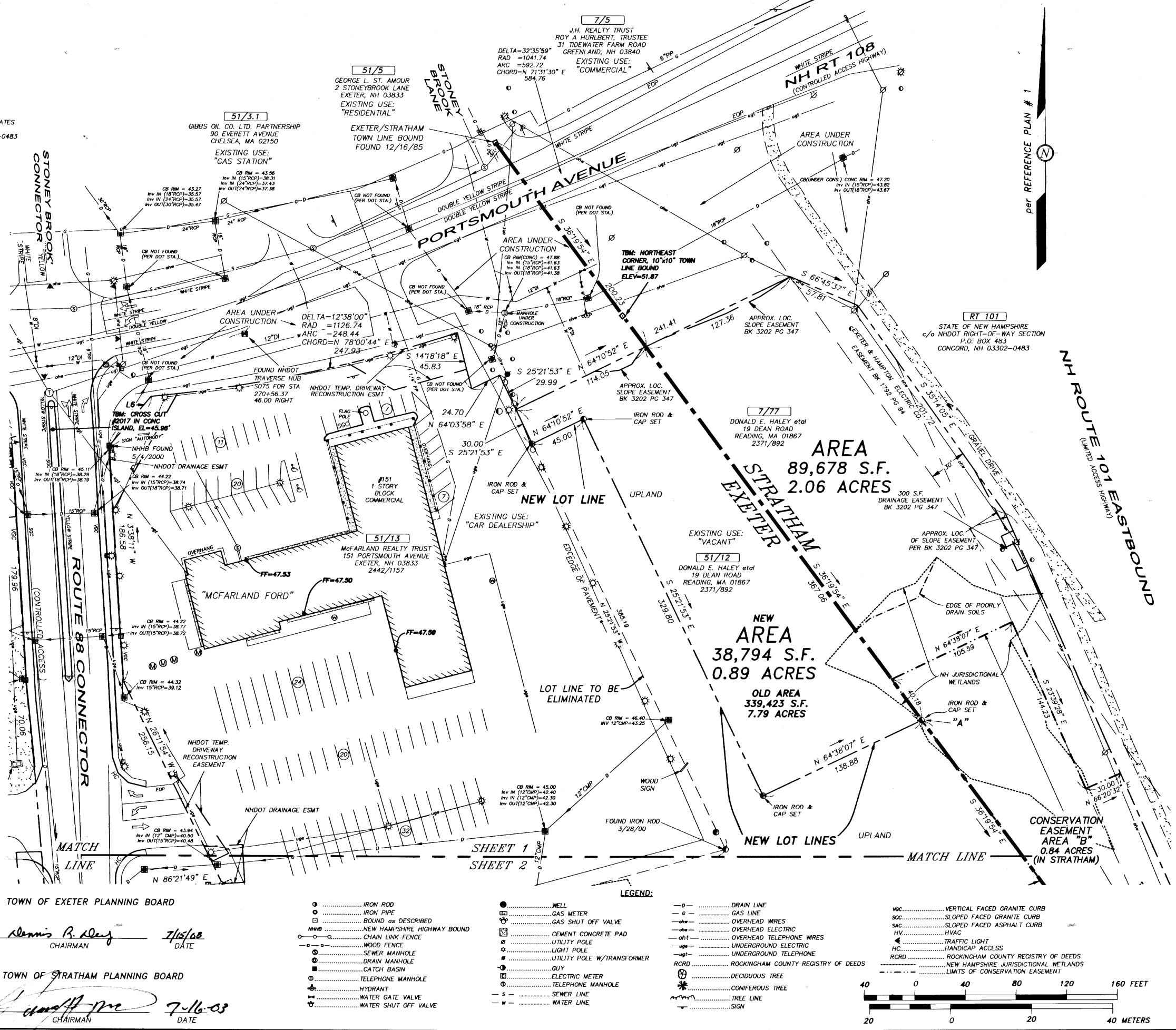
PORTSMOUTH AVENUE - NH ROUTE 108

EXETER, NEW HAMPSHIRE

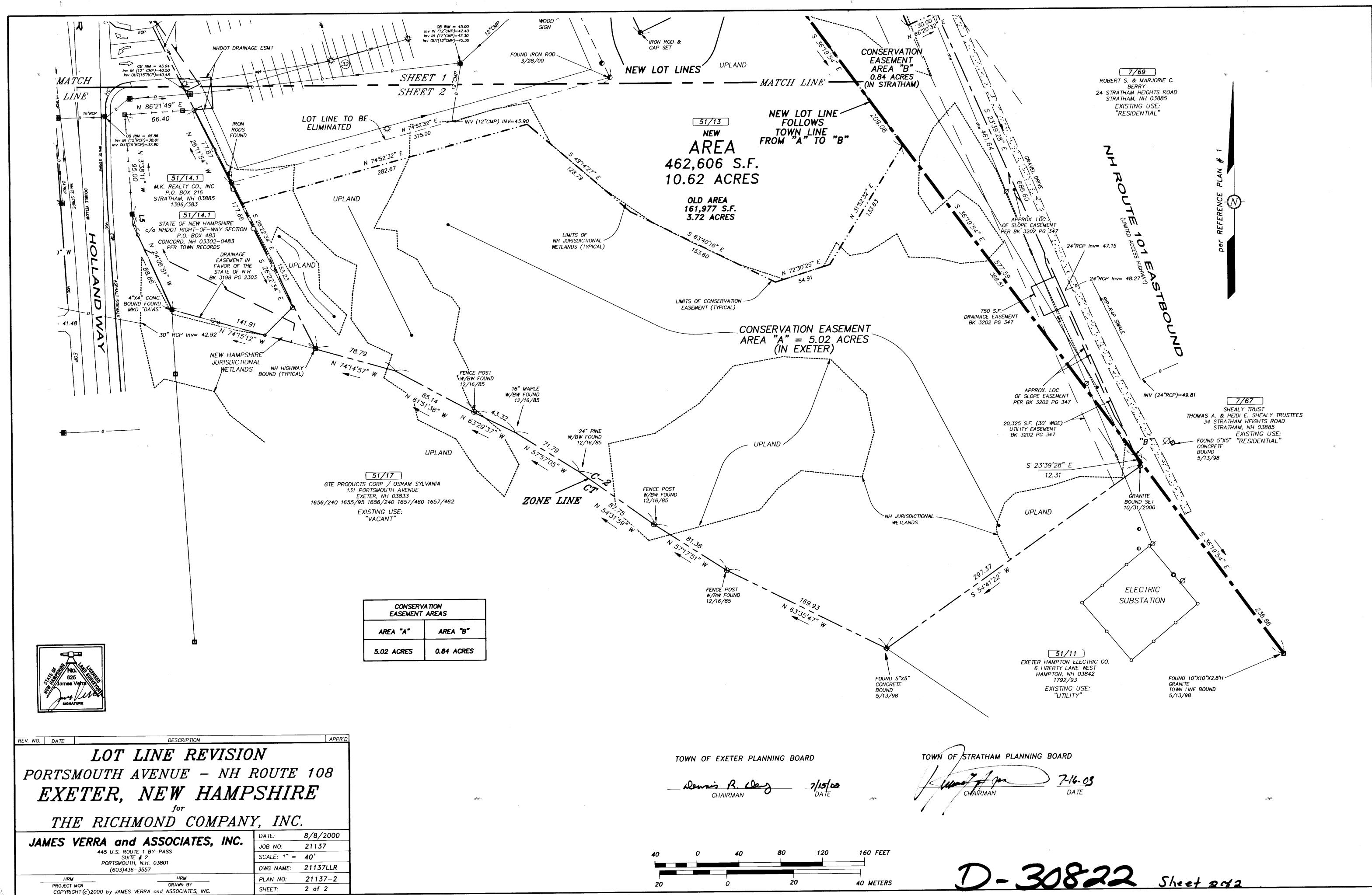
THE RICHMOND COMPANY, INC.

IAMES VERRA and A	RA and ASSOCIATES,	INC	DATE.	8/8/2000
445 U.S. ROUTE 1 B	•	///C.	JOB NO:	21137
SUITE # 2 PORTSMOUTH, N.H.			SCALE: 1" =	40'
(603)436–3557	DWG NAME:	21137LLR		
HRM PROJECT MGR	HRM DRAWN BY		PLAN NO:	21137-2
COPYRIGHT © 2000 by JAMES VERRA			SHEET:	1 OF 2





\Prj\21137-5\21137]]r.dwg Thu



Prj\21137-5\2113711r.dwg Thu Jul 10 15:37:15 2003

McFARLAND FORD ELECTRIC VEHICLE CHARGING STATION TAX MAP 51, LOTS 14-1 AND 13 110 HOLLAND WAY, EXETER, NH **PERMITS**

SHEET INDEX

COVER SHEET

EXISTING CONDITIONS PLAN

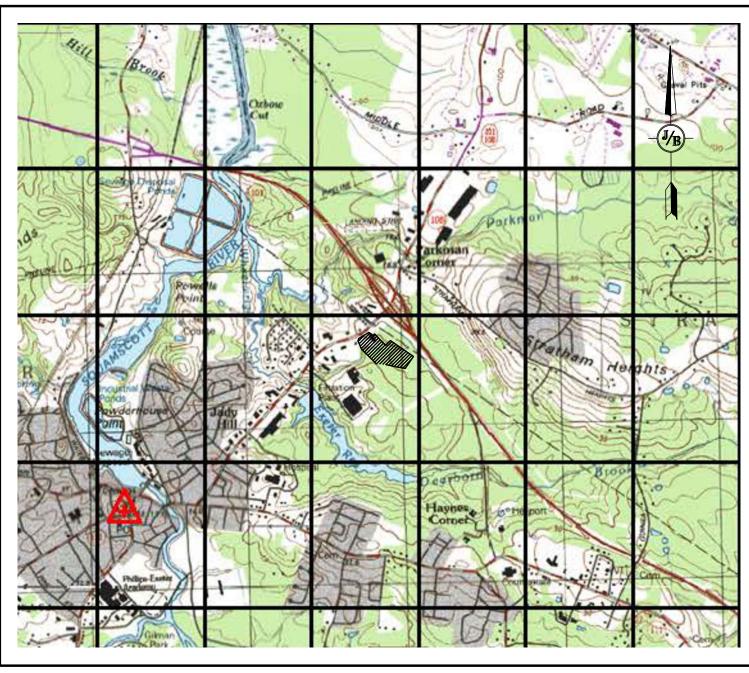
SITE PLAN OVERVIEW

SITE PLAN

GRADING AND DRAINAGE PLAN

LANDSCAPE AND LIGHTING PLAN

EROSION AND SEDIMENT CONTROL DETAILS



LOCUS MAP SCALE 1" = 2000'

APPLICANT / DEVELOPER McFARLAND FORD SALES. INC 151 PORTSMOUTH AVE

EXETER, NH (603) 772-1144 **CONTACT: CHRIS LANE** CLANE@MCFARLANDFORD.COM

CIVIL ENGINEER / SURVEYOR JONES & BEACH ENGINEERS. INC. 85 PORTSMOUTH AVENUE PO BOX 219 STRATHAM, NH 03885 (603) 772-4746 **CONTACT: WAYNE MORRILL** EMAIL: WMORRILL@JONESANDBEACH.COM

OWNER OF RECORD

TAX MAP 51 LOT 14-1 MCFARLAND REALTY TRUST 151 PORTSMOUTH AVE EXETER, NH 03833

TAX MAP 51 LOT 13 MCFARLAND REALTY TRUST 151 PORTSMOUTH AVE **EXETER, NH 03833**

WETLAND CONSULTANT

GOVE ENVIRONMENTAL SERVICES, INC. 8 CONTINENTAL DRIVE, UNIT H EXETER, NH 03833-7507 (603) 580-4122 **CONTACT: BRENDAN QUIGLEY**

WATER AND SEWER

EXETER DEPARTMENT PUBLIC WORKS 13 NEWFIELDS ROAD EXETER, NH 03833 (603) 773-6157

ELECTRIC

114 DRINKWATER ROAD KENSINGTON, NH 03833 (800) 582-7276

TYPE OF PERMIT

SUBMITTED: 9/12/23

STATUS

PERMIT NO.

EXETER SITE PLAN APPROVAL: TOWN OF EXETER PLANNING BOARD 10 FRONT STREET **EXETER. NEW HAMPSHIRE 03833** (603) 778-0591 **RESPONSIBLE CONSULTANT:**

JONES & BEACH ENGINEERS, INC.

JONES & BEACH ENGINEERS, INC.

DATED: **EXPIRATION:**

EXETER CONDITIONAL USE PERMIT TOWN OF EXETER PLANNING BOARD 10 FRONT STREET **EXETER, NEW HAMPSHIRE 03833** (603) 778-0591 RESPONSIBLE CONSULTANT:

PERMIT NO.

SUBMITTED: 9/12/23

EXPIRATION:

DATED:

PROJECT PARCEL TOWN OF EXETER

TAX MAP 51, LOTS 14-1 & 13

APPLICANT McFARLAND FORD SALES, INC 151 PORTSMOUTH AVE

EXETER, NH 03833

TOTAL LOT AREA

LOT 14-1 21,362 SQ. FT. 0.49 AC.

LOT 13 462,606 SQ. FT. 10.62 ACRES

APPROVED - EXETER, NH PLANNING BOARD

DATE:

Design: DJM	Draft:	GDR	Date: 05/11/2023
Checked: EMP	Scale:	AS NOTED	Project No.: 19198
Drawing Name:	19198-	PLAN EV STA	TION.dwg
THIS PLAN SHALL			
PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE).			
ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE			
AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.			

GENERAL LEGEND

100x0

× 100.00

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× 100.00

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PROPERTY LINES

SOIL BOUNDARY

EASEMENT

FLOOD PLAIN LINE

MAJOR CONTOUR MINOR CONTOUR EDGE OF PAVEMENT VERTICAL GRANITE CURB SLOPE GRANITE CURB

CAPE COD BERM

SILT FENCE

GUARDRAIL

UNDERDRAIN

DRILL HOLE

SPOT GRADE

TEST PIT

PERC TEST

UTILITY POLE LIGHT POLES DRAIN MANHOLE SEWER MANHOLE

HYDRANT WATER GATE

REDUCER

THRUST BLOCK

DRAINAGE LINE

SEWER FORCE MAIN

OVERHEAD ELECTRIC

UNDERGROUND ELECTRIC

FIRE PROTECTION LINE

IRON PIPE/IRON ROD

IRON ROD/DRILL HOLE

STONE/GRANITE BOUND

PAVEMENT SPOT GRADE

CURB SPOT GRADE

BENCHMARK (TBM) DOUBLE POST SIGN SINGLE POST SIGN

FAILED TEST PIT MONITORING WELL

PHOTO LOCATION

WATER SHUT OFF

TRANSFORMER

SINGLE GRATE CATCH BASIN DOUBLE GRATE CATCH BASIN

CULVERT W/FLARED END SECTION

CULVERT W/STRAIGHT HEADWALL

CULVERT W/WINGWALLS

DRAINAGE FLOW DIRECTION

VEGETATED FILTER STRIP

FRESHWATER WETLANDS

STABILIZED CONSTRUCTION

STONE CHECK DAM

4K SEPTIC AREA

WETLAND IMPACT

RIPRAP

OPEN WATER

ENTRANCE

CONCRETE

SNOW STORAGE

RETAINING WALL

GRAVEL

TIDAL WETLANDS

TREES AND BUSHES

TIDAL WETLANDS LINE STREAM CHANNEL

AQUIFER PROTECTION LINE

POURED CONCRETE CURB

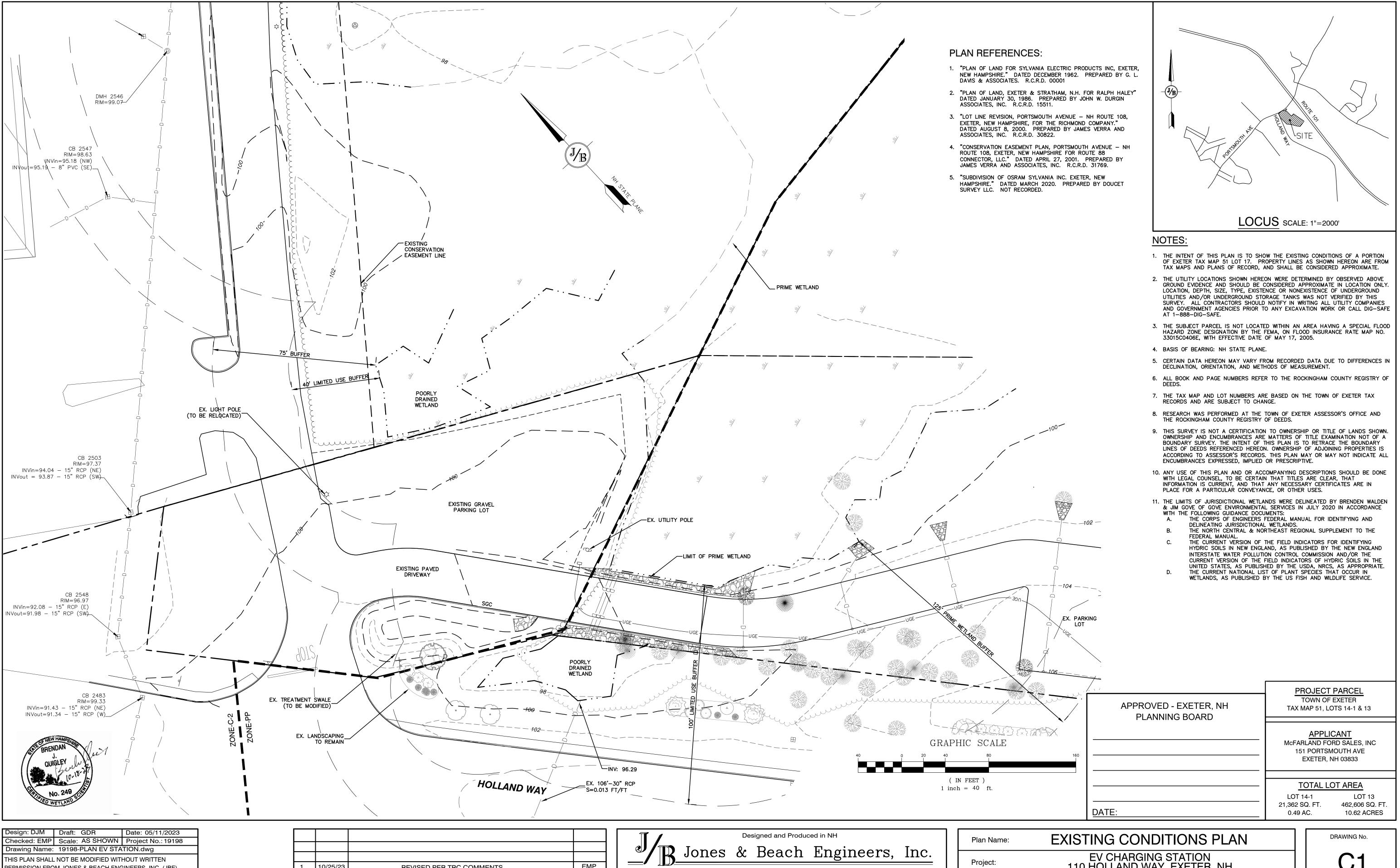


1	10/25/23	REVISED PER TRC COMMENTS	EMP
0	08/30/23	ISSUED FOR REVIEW	EMP
REV.	DATE	REVISION	BY

85 Portsmouth Ave. Civil Engineering Services FAX: 603-772-0227 PO Box 219 E-MAIL: JBE@JONESANDBEACH.COM Stratham, NH 03885

Plan Name:	COVER SHEET
Project:	EV CHARGING STATION 110 HOLLAND WAY, EXETER, NH
Owner of Record:	McFARLAND FORD SALES, INC 151 PORTSMOUTH AVE, EXETER, NH

DRAWING No. CS SHEET 1 OF 8 JBE PROJECT NO. 19198



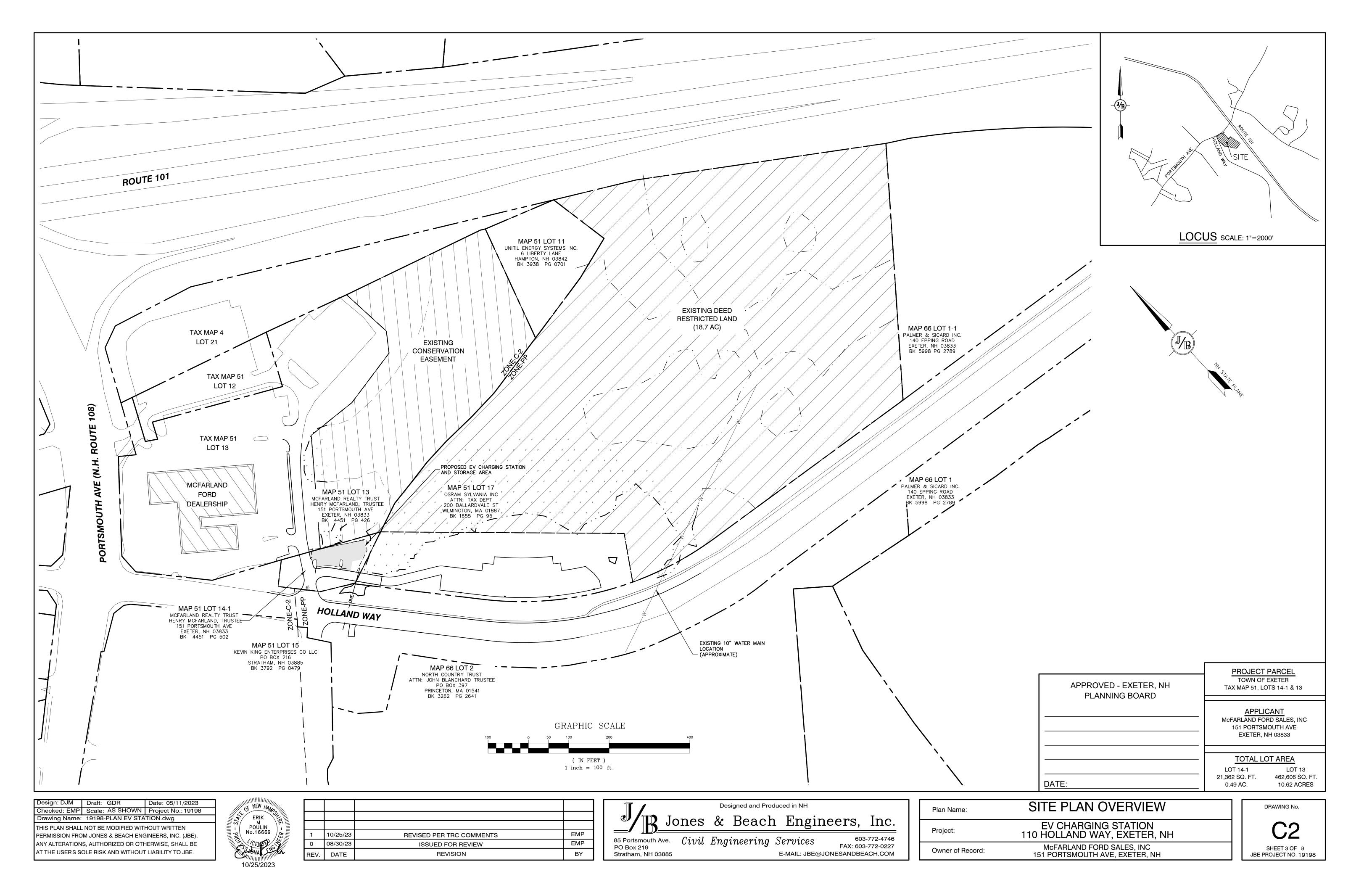
PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE). ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.

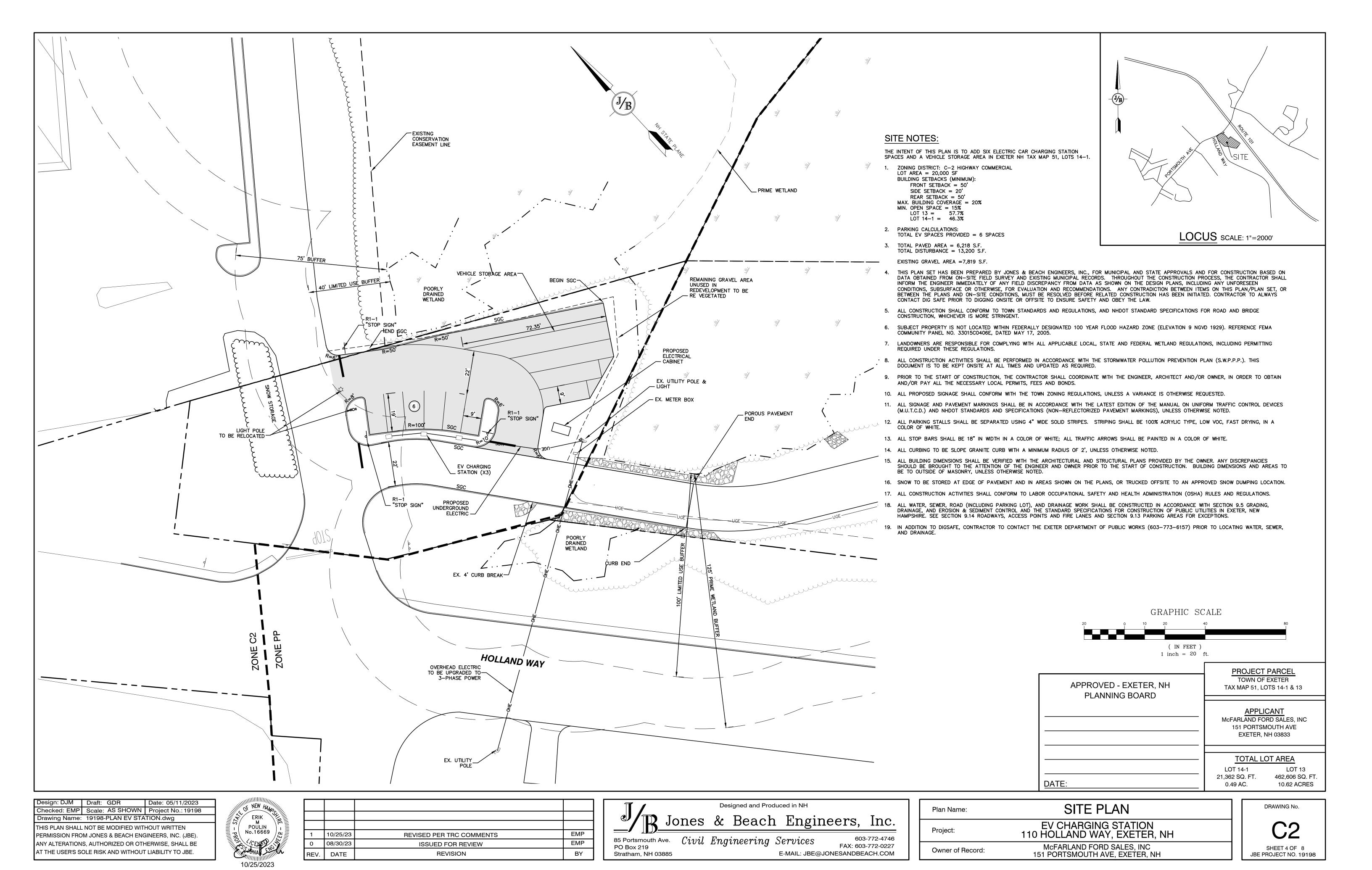
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0	08/30/23	ISSUED FOR REVIEW	EMP
REV.	DATE	REVISION	BY

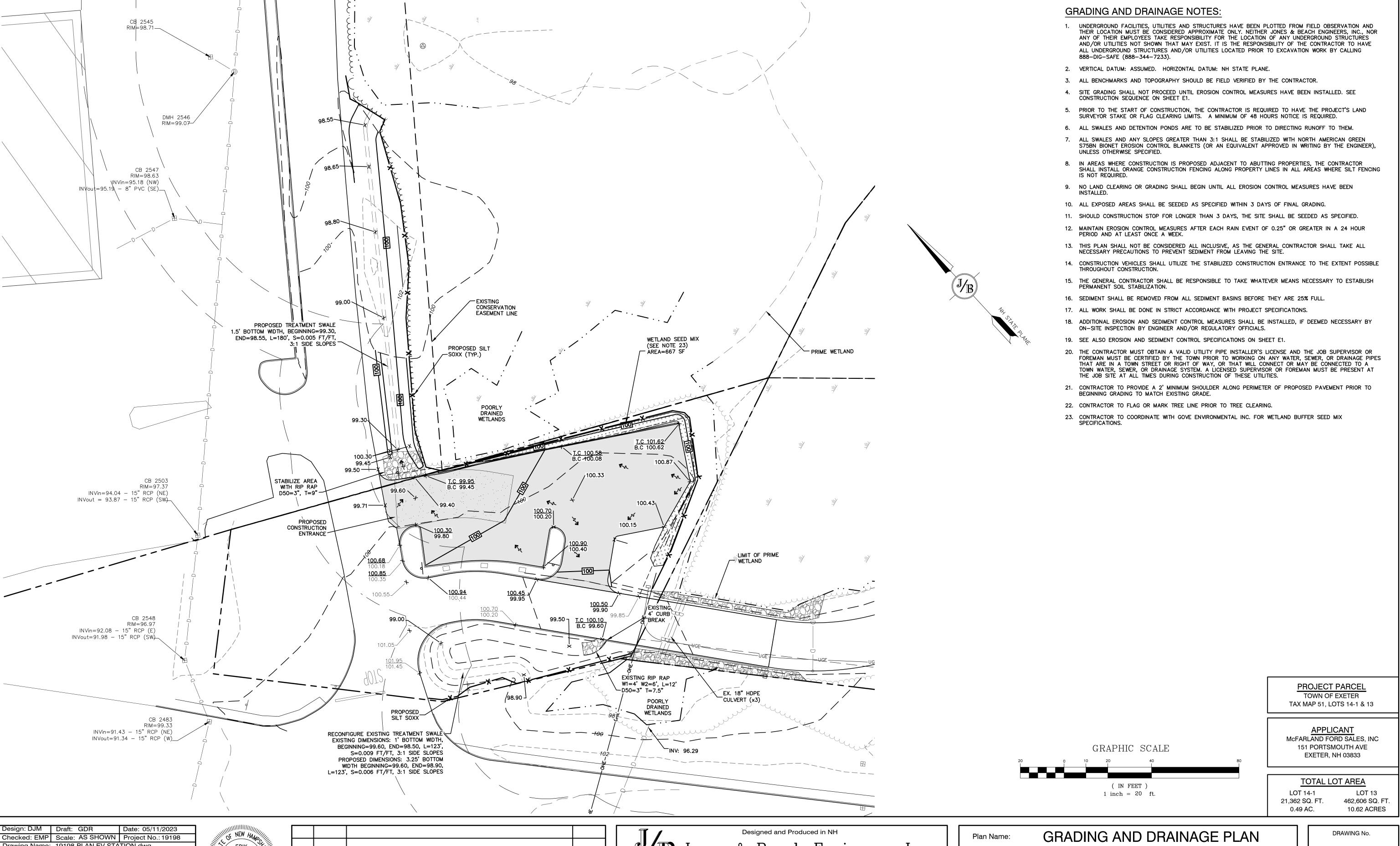
85 Portsmouth Ave. Civil Engineering Services 603-772-4746 FAX: 603-772-0227 PO Box 219 E-MAIL: JBE@JONESANDBEACH.COM Stratham, NH 03885

Plan Name:	EXISTING CONDITIONS PLAN
Project:	EV CHARGING STATION 110 HOLLAND WAY, EXETER, NH
Owner of Record:	McFARLAND FORD SALES, INC 151 PORTSMOUTH AVE, EXETER, NH

SHEET 2 OF 8 JBE PROJECT NO. 19198







Drawing Name: 19198-PLAN EV STATION.dwg THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE). ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE



1	10/25/23	REVISED PER TRC COMMENTS	EMP
0	08/30/23	ISSUED FOR REVIEW	EMP
REV.	DATE	REVISION	BY

Jones & Beach Engineers, Inc.

85 Portsmouth Ave. Civil Engineering Services PO Box 219 Stratham, NH 03885

603-772-4746 FAX: 603-772-0227 E-MAIL: JBE@JONESANDBEACH.COM

Plan Name:	GRADING AND DRAINAGE PLAN
Project:	EV CHARGING STATION

Owner of Record:

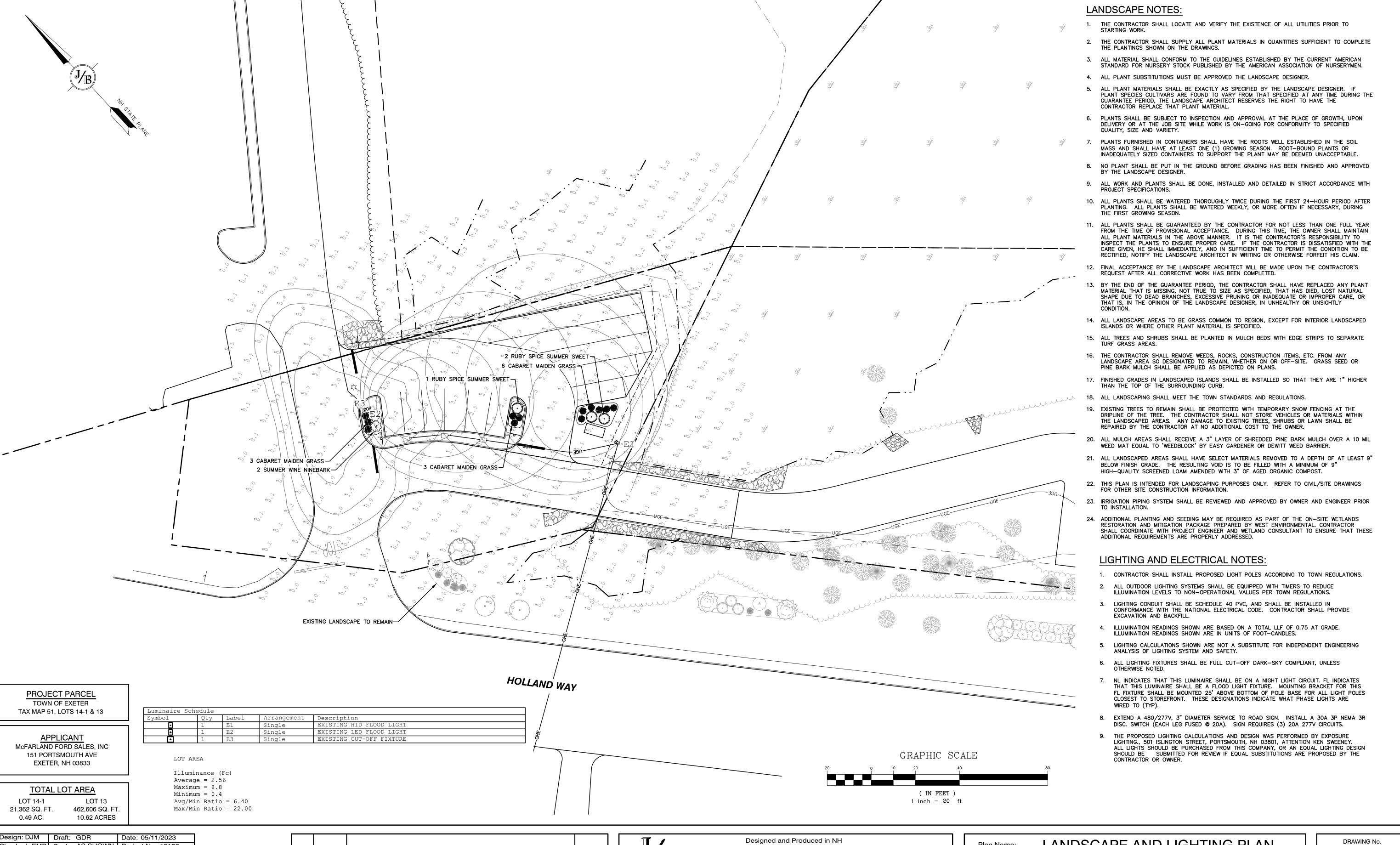
110 HOLLAND WAY, EXETER, NH

McFARLAND FORD SALES, INC

151 PORTSMOUTH AVE, EXETER, NH

C3 SHEET 5 OF 8

JBE PROJECT NO. 19198



Design: DJM	Draft: GDR	Date: 05/11/2023				
Checked: EMP	-					
Drawing Name: 19198-PLAN EV STATION.dwg						
THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN						
PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE).						
ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE						
AT THE USER'S S	OLE RISK AND WITHOUT	LIABILITY TO JBE.				

1	10/25/23	REVISED PER TRC COMMENTS	EMP
0	08/30/23	ISSUED FOR REVIEW	EMP
REV.	DATE	REVISION	BY

		De	signed and Proc	luced in NH		
R	Jones	&	Beach	Engineer	S,	Inc.
95 Portamouth A	Cinil	Ton or		Camaiana	603	-772-4746

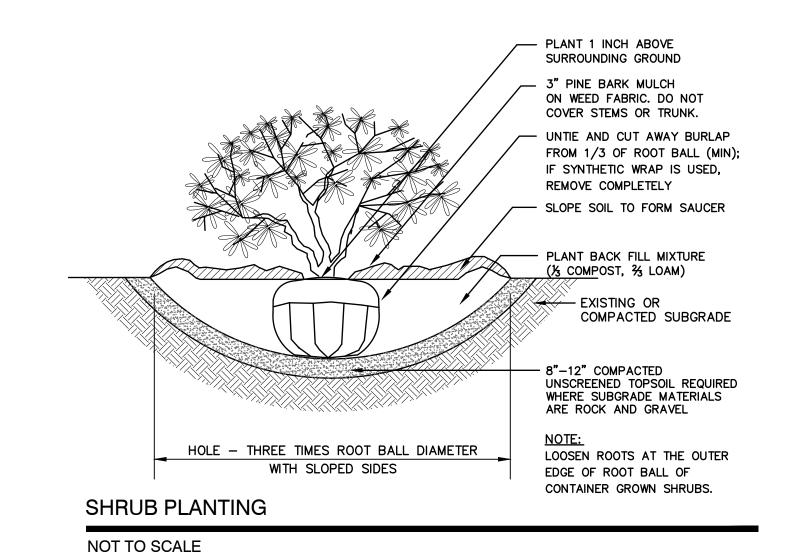
85 Portsmouth Ave. PO Box 219
Stratham, NH 03885

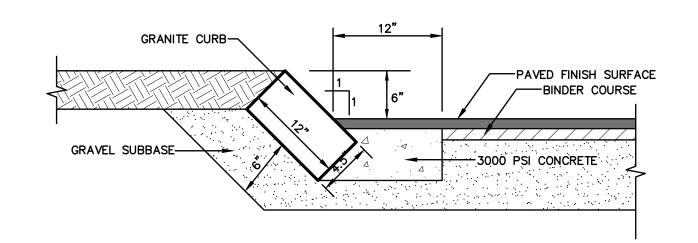
Civil Engineering Services

E-MAIL: JBE@JONESANDBEACH.COM

Plan Name:	LANDSCAPE AND LIGHTING PLAN
Project:	EV CHARGING STATION 110 HOLLAND WAY, EXETER, NH
Owner of Record:	McFARLAND FORD SALES, INC 151 PORTSMOUTH AVE, EXETER, NH







NOTES:

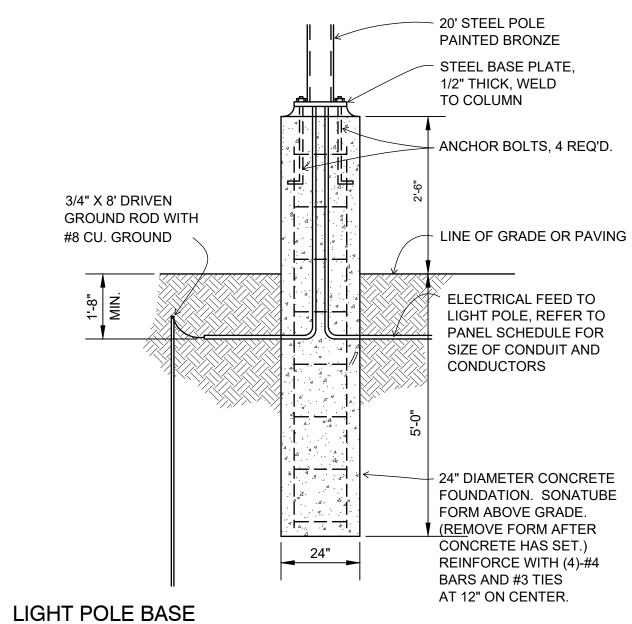
1. CURB TO BE PLACED PRIOR TO PLACING TOP SURFACE COURSE. 2. JOINTS BETWEEN STONES SHALL BE MORTARED.

SLOPED GRANITE CURB

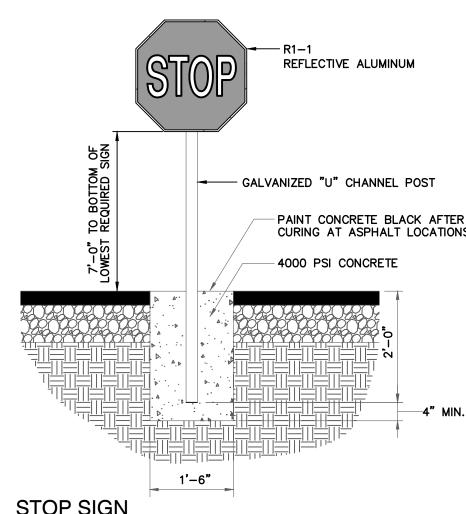
PLASTIC MARKER TAPE ABOVE CABLES

ELECTRIC SERVICE CABLES 250 VAC OR LESS PVC-SCH 40

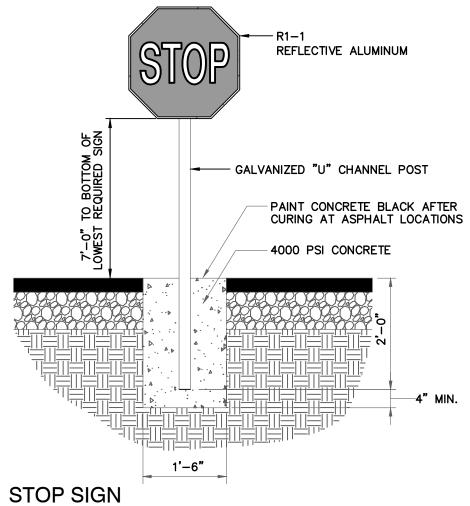
NOT TO SCALE



NOT TO SCALE



NOT TO SCALE

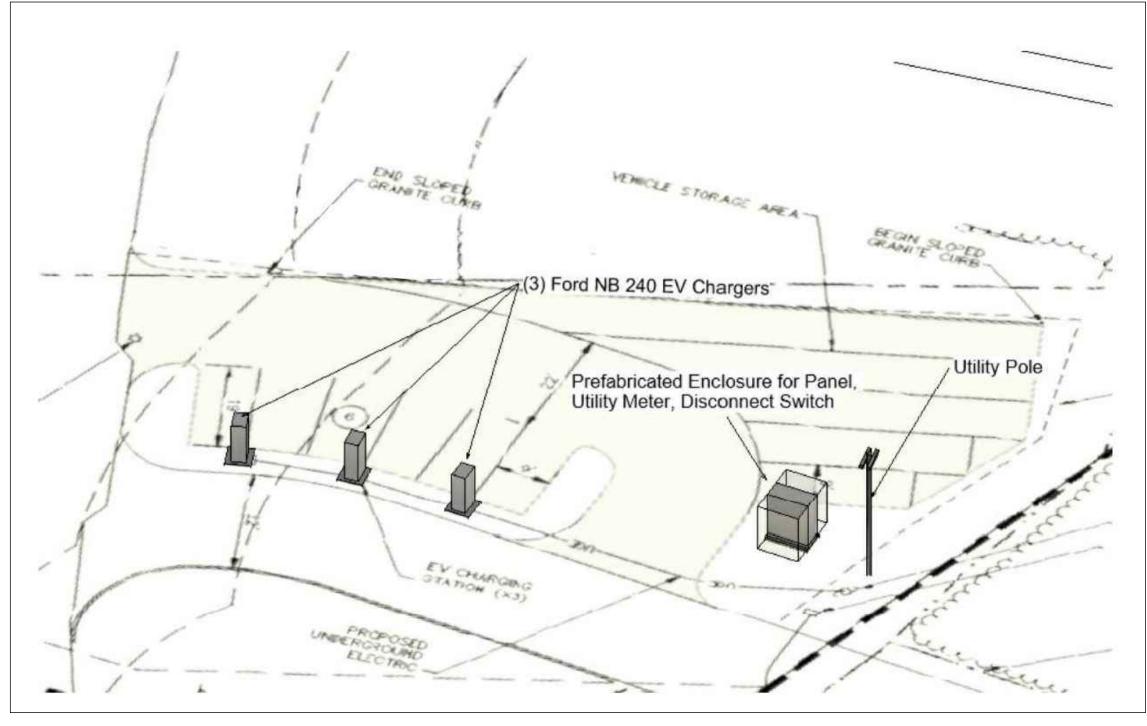


-1" (TYPE E) HOT BIT. PAVEMENT WEARING COURSE - 3" (TYPE D) BIT. PAVEMENT BINDER COURSE N.H.D.O.T. ITEM 304.3 6" CRUSHED GRAVEL 95% OF THE MODIFIED PROCTOR INCLUDING RECLAIMED MATERIAL N.H.D.O.T. ITEM 304.2 12" BANK RUN GRAVEL (MIN) 95% OF THE MODIFIED PROCTOR

95% COMPACTED SUBGRADE OR ROCK FILL

TYPICAL BITUMINOUS PAVEMENT

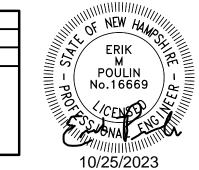
NOT TO SCALE



ELECTRIC CHARGING STATION RENDERING

NOT TO SCALE

Design: DJM Draft: GDR Date: 05/11/2023 Checked: EMP | Scale: AS NOTED | Project No.: 19198 Drawing Name: 19198-PLAN EV STATION.dwg THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE). ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE 🖺 AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.



1	10/25/23	REVISED PER TRC COMMENTS	EMP
0	08/30/23	ISSUED FOR REVIEW	EMP
REV.	DATE	REVISION	BY

Designed and Produced in NH Jones & Beach Engineers, Inc. 603-772-4746

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Plan Name:	DETAIL SHEET
Project:	EV CHARGING STATION 110 HOLLAND WAY, EXETER, NH
Owner of Record:	McFARLAND FORD SALES, INC 151 PORTSMOUTH AVE, EXETER, NH

SHEET 7 OF 8 JBE PROJECT NO. 19198

DRAWING No.

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UTILITY TRENCH

-4" MIN. LOAM AND SEED WITH MULCH COMPACTED VARIES - SEE PLAN

NOTE: ALL UTILITIES SHALL BE REVIEWED AND APPROVED BY APPROPRIATE UTILITY COMPANY.

(12" MIN.)

EXCAVATION AND BACKFILL

UTILITY COMPANY STANDARDS

IN ACCORDANCE WITH

NOTE:

PO Box 219

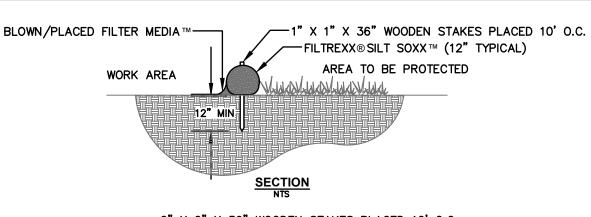
1. ALL VEGETATED TREATMENT SWALES ARE TO BE STABILIZED WITH NORTH AMERICAN GREEN 'BIO-NET' SERIES C125BN EROSION CONTROL BLANKET SECURED WITH BIODEGRADABLE 'BIO' OR 'ECO-STAKES'.

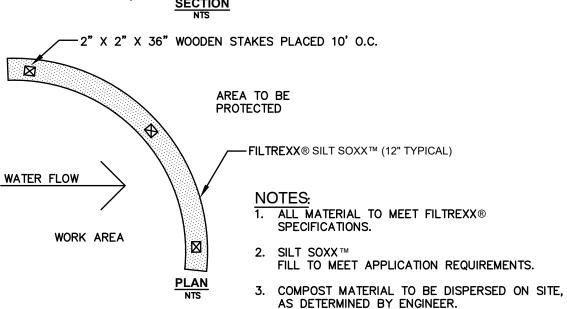
VEGETATED TREATMENT SWALE

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TEMPORARY EROSION CONTROL NOTES

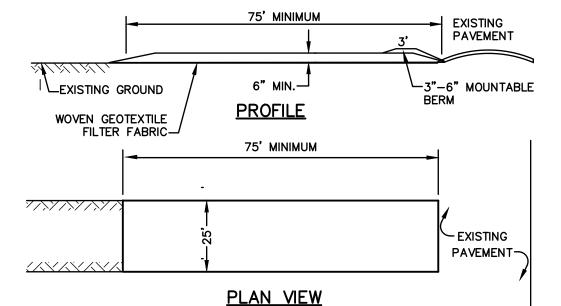
- THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME. AT NO TIME SHALL AN AREA IN EXCESS OF 5 ACRES BE EXPOSED AT ANY ONE TIME BEFORE DISTURBED
- EROSION, SEDIMENT AND DETENTION MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND AT LOCATIONS AS REQUIRED, DIRECTED BY THE ENGINEER.
- ALL DISTURBED AREAS (INCLUDING POND AREAS BELOW THE PROPOSED WATERLINE) SHALL BE RETURNED TO PROPOSED GRADES AND ELEVATIONS. DISTURBED AREAS SHALL BE LOAMED WITH A MINIMUM OF 6" OF SCREENED ORGANIC LOAM AND SEEDED WITH SEED MIXTURE 'C' AT A RATE NOT LESS THAN 1.10 POUNDS OF SEED PER 1,000 S.F. OF AREA (48 LBS. / ACRE).
- 4. SILT FENCES AND OTHER BARRIERS SHALL BE INSPECTED EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF A RAINFALL OF 0.5" OR GREATER. ALL DAMAGED AREAS SHALL BE REPAIRED, AND SEDIMENT DEPOSITS SHALL PERIODICALLY BE REMOVED AND DISPOSED OF.
- AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AND THE AREA DISTURBED BY THE REMOVAL SMOOTHED AND
- AREAS MUST BE SEEDED AND MULCHED OR OTHERWISE PERMANENTLY STABILIZED WITHIN 3 DAYS OF FINAL GRADING, OR TEMPORARILY STABILIZED WITHIN 14 DAYS OF THE INITIAL DISTURBANCE OF SOIL. ALL AREAS SHALL BE STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE.
- ALL PROPOSED VEGETATED AREAS THAT DO NOT EXHIBIT A MINIMUM OF 85 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED BY SEEDING AND INSTALLING NORTH AMERICAN GREEN S75BN BIONET EROSION CONTROL BLANKETS (OR AN EQUIVALENT APPROVED IN WRITING BY THE ENGINEER) ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
- ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW
- AFTER OCTOBER 15th, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3" OF CRUSHED GRAVEL PER NHDOT ITEM 304.3.
- 10. AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
 - a. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED;
 - b. A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
 - c. A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH STONE OR RIPRAP HAS BEEN INSTALLED; OR
 - d. EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- FUGITIVE DUST CONTROL IS REQUIRED TO BE CONTROLLED IN ACCORDANCE WITH ENV-A 1000, AND THE PROJECT IS TO MEET. THE REQUIREMENTS AND INTENT OF RSA 430:53 AND AGR 3800 RELATIVE TO INVASIVE SPECIES.
- 12. IN ORDER TO ENSURE THE STABILITY OF THE SITE AND EFFECTIVE IMPLEMENTATION OF THE SEDIMENT AND EROSION CONTROL MEASURES SPECIFIED IN THE PLANS FOR THE DURATION OF CONSTRUCTION.





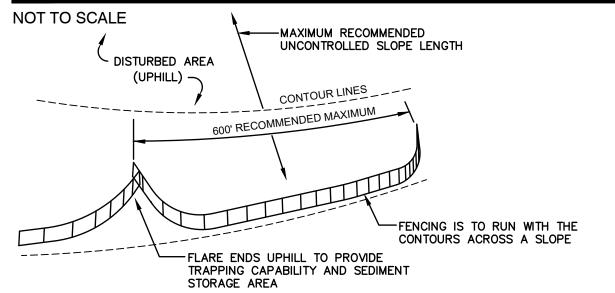
FILTREXX® SILT SOXXT

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- 1. STONE FOR STABILIZED CONSTRUCTION ENTRANCE SHALL BE 3 INCH STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
- 2. THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 75 FEET, EXCEPT FOR A SINGLE RESIDENTIAL LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.
- 3. THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6 INCHES.
- 4. THE WIDTH OF THE ENTRANCE SHALL NOT BE LESS THAN THE FULL WIDTH OF THE ENTRANCE WHERE INGRESS OR EGRESS OCCURS, OR 10 FEET, WHICHEVER IS GREATER.
- 5. GEOTEXTILE FILTER FABRIC SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE. FILTER FABRIC IS NOT REQUIRED FOR A SINGLE FAMILY RESIDENTIAL LOT.
- 6. ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A STONE BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMEN' ONTO THE PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED, OR TRACKED ONTO THE PUBLIC RIGHT-OF-WAY MUST BE REMOVED PROMPTLY.

STABILIZED CONSTRUCTION ENTRANCE



7. SILT FENCES SHALL BE REMOVED WHEN NO LONGER NEEDED AND THE SEDIMENT COLLECTED SHALL BE DISPOSED AS DIRECTED BY THE ENGINEER. THE AREA DISTURBED BY THE REMOVAL SHALL BE SMOOTHED AND REVEGETATED.

MAINTENANCE:

- 1. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE DONE IMMEDIATELY.
- 2. IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
- 3. SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER.
- 4. SEDIMENT DEPOSITS THAT ARE REMOVED, OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED, SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

SEEDING SPECIFICATIONS

1. GRADING AND SHAPING

- A. SLOPES SHALL NOT BE STEEPER THAN 2:1 WITHOUT APPROPRIATE EROSION CONTROL MEASURES AS SPECIFIED ON THE PLANS (3:1 SLOPES OR FLATTER ARE PREFERRED).
- B. WHERE MOWING WILL BE DONE, 3:1 SLOPES OR FLATTER ARE RECOMMENDED.

2. SEEDBED PREPARATION

- A. SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.
- B. STONES LARGER THAN 4 INCHES AND TRASH SHOULD BE REMOVED BECAUSE THEY INTERFERE WITH SEEDING AND FUTURE MAINTENANCE OF THE AREA. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF ABOUT 4 INCHES TO PREPARE A SEEDBED AND FERTILIZER AND LIME MIXED INTO THE SOIL. THE SEEDBED SHOULD BE LEFT IN A REASONABLY FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.

3. ESTABLISHING A STAND

- A. LIME AND FERTILIZER SHOULD BE APPLIED PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL. TYPES AND AMOUNTS OF LIME AND FERTILIZER SHOULD BE BASED ON AN EVALUATION OF SOIL TESTS. WHEN A SOIL TEST IS NOT AVAILABLE, THE FOLLOWING MINIMUM AMOUNTS SHOULD BE
- AGRICULTURAL LIMESTONE, 2 TONS PER ACRE OR 100 LBS. PER 1,000 SQ.FT.
- NITROGEN(N), 50 LBS. PER ACRE OR 1.1 LBS. PER 1,000 SQ.FT. PHOSPHATE(P205), 100 LBS. PER ACRE OR 2.2 LBS. PER 1,000 SQ.FT.
- POTASH(K2O), 100 LBS. PER ACRE OR 2.2 LBS. PER 1,000 SQ.FT.
- (NOTE: THIS IS THE EQUIVALENT OF 500 LBS. PER ACRE OF 10-20-20 FERTILIZER OR 1,000 LBS. PER ACRE OF 5-10-10.)
- B. SEED SHOULD BE SPREAD UNIFORMLY BY THE METHOD MOST APPROPRIATE FOR THE SITE. METHODS INCLUDE BROADCASTING, DRILLING AND HYDROSEEDING. WHERE BROADCASTING IS USED, COVER SEED WITH .25 INCH OF SOIL OR LESS, BY CULTIPACKING OR RAKING.
- C. REFER TO THE 'SEEDING GUIDE' AND 'SEEDING RATES' TABLES ON THIS SHEET FOR APPROPRIATE SEED MIXTURES AND RATES OF SEEDING. ALL LEGUMES (CROWNVETCH, BIRDSFOOT, TREFOIL AND FLATPEA)
- MUST BE INOCULATED WITH THEIR SPECIFIC INOCULANT PRIOR TO THEIR INTRODUCTION TO THE SITE. D. WHEN SEEDED AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDED AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20th OR FROM AUGUST 10th TO SEPTEMBER 1st.

A. HAY, STRAW, OR OTHER MULCH, WHEN NEEDED, SHOULD BE APPLIED IMMEDIATELY AFTER SEEDING. B. MULCH WILL BE HELD IN PLACE USING APPROPRIATE TECHNIQUES FROM THE BEST MANAGEMENT PRACTICE FOR MULCHING. HAY OR STRAW MULCH SHALL BE PLACED AT A RATE OF 90 LBS PER 1000 S.F.

5. MAINTENANCE TO ESTABLISH A STAND

- A. PLANTED AREAS SHOULD BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC, AND DENSE WEED
- B. FERTILIZATION NEEDS SHOULD BE DETERMINED BY ONSITE INSPECTIONS. SUPPLEMENTAL FERTILIZER IS USUALLY THE KEY TO FULLY COMPLETE THE ESTABLISHMENT OF THE STAND BECAUSE MOST PERENNIALS TAKE 2 TO 3 YEARS TO BECOME FULLY ESTABLISHED.
- C. IN WATERWAYS, CHANNELS, OR SWALES WHERE UNIFORM FLOW CONDITIONS ARE ANTICIPATED, ANNUAL MOWING MAY BE NECESSARY TO CONTROL GROWTH OF WOODY VEGETATION.

<u>USE</u>	SEEDING MIXTURE 1/	DROUGHTY	WELL DRAINED	MODERATELY WELL DRAINED	POORLY DRAINED
STEEP CUTS AND FILLS, BORROW AND DISPOSAL AREAS	A B C	FAIR POOR POOR	GOOD GOOD GOOD	GOOD FAIR EXCELLENT	FAIR FAIR GOOD
ANLAS	D	FAIR	EXCELLENT	EXCELLENT	POOR
WATERWAYS, EMERGENC SPILLWAYS, AND OTHER CHANNELS WITH FLOWING WATER.		GOOD GOOD	GOOD EXCELLENT	GOOD EXCELLENT	FAIR FAIR
LIGHTLY USED PARKING LOTS, ODD AREAS, JNUSED LANDS, AND LOW INTENSITY USE RECREATION SITES.	A B C	GOOD GOOD GOOD	GOOD GOOD EXCELLENT	GOOD FAIR EXCELLENT	FAIR POOR FAIR
PLAY AREAS AND ATHLETIC FIELDS. (TOPSOIL IS ESSENTIAL FOR GOOD TURF.)	E F	FAIR FAIR	EXCELLENT EXCELLENT	EXCELLENT EXCELLENT	2/ 2/

GRAVEL PIT, SEE NH-PM-24 IN APPENDIX FOR RECOMMENDATION REGARDING RECLAMATION OF SAND AND GRAVEL PITS.

/ REFER TO SEEDING MIXTURES AND RATES IN TABLE BELOW. 27 POORLY DRAINED SOILS ARE NOT DESIRABLE FOR USE AS PLAYING AREA AND ATHLETIC FIELDS.

NOTE: TEMPORARY SEED MIX FOR STABILIZATION OF TURF SHALL BE WINTER RYE OR OATS AT A RATE OF 2.5 LBS. PER 1000 S.F. AND SHALL BE PLACED PRIOR TO OCTOBER 15th, IF PERMANENT SEEDING NOT YET COMPLETE.

SEEDING GUIDE

MIXTURE	POUNDS PER ACRE	POUNDS PE <u>1.000 Sq. F</u>
A. TALL FESCUE	20	0.45
CREEPING RED FESCUE	20	0.45
RED TOP	2	<u>0.05</u>
TOTAL	42	0.95
B. TALL FESCUE CREEPING RED FESCUE CROWN VETCH OR	15 10 15	0.35 0.25 0.35
FLAT PEA	30	0.75
TOTAL	40 OR 55	0.95 OR 1.35
C. TALL FESCUE CREEPING RED FESCUE BIRDS FOOT TREFOIL TOTAL	20 20 <u>8</u> 48	0.45 0.45 <u>0.20</u> 1.10
D. TALL FESCUE	20	0.45
FLAT PEA	30	<u>0.75</u>
TOTAL	50	1.20
E. CREEPING RED FESCUE 1/	50	1.15
KENTUCKY BLUEGRASS 1/	<u>50</u>	1.15
TOTAL	100	2.30
F. TALL FESCUE 1	150	3.60

SEEDING RATES

CONSTRUCTION SEQUENCE

- 1. A PRE CONSTRUCTION MEETING IS TO BE HELD WITH ALL DEPARTMENT HEADS PRIOR TO THE START OF CONSTRUCTION.
- 2. WETLAND BOUNDARIES ARE TO BE CLEARLY MARKED PRIOR TO THE START OF CONSTRUCTION.
- CUT AND REMOVE TREES IN CONSTRUCTION AREA AS REQUIRED OR DIRECTED.
- 4. INSTALL SILT FENCING. SILT SOXX. HAY BALES AND CONSTRUCTION ENTRANCES PRIOR TO THE START OF CONSTRUCTION. THESE ARE TO BE MAINTAINED UNTIL THE FINAL PAVEMENT SURFACING AND LANDSCAPING AREAS ARE ESTABLISHED.
- 5. CLEAR, CUT, GRUB AND DISPOSE OF DEBRIS IN APPROVED FACILITIES. THIS INCLUDES ANY REQUIRED DEMOLITION OF EXISTING STRUCTURES, UTILITIES, ETC.
- 6. STRIP LOAM AND PAVEMENT, OR RECLAIM EXISTING PAVEMENT WITHIN LIMITS OF WORK PER THE RECOMMENDATIONS OF THE PROJECT ENGINEER AND STOCKPILE EXCESS MATERIAL. STABILIZE STOCKPILE AS NECESSARY.
- 7. PERFORM PRELIMINARY SITE GRADING IN ACCORDANCE WITH THE PLANS.
- 8. INSTALL THE DRAINAGE SYSTEMS FIRST, THEN ANY OTHER UTILITIES IN ACCORDANCE WITH THE PLAN AND DETAILS. ANY CONFLICTS BETWEEN UTILITIES ARE TO BE RESOLVED WITH THE INVOLVEMENT AND APPROVAL OF THE ENGINEER.
- 9. ALL SWALES AND DRAINAGE STRUCTURES ARE TO BE CONSTRUCTED AND STABILIZED PRIOR TO HAVING RUN-OFF DIRECTED TO THEM.
- 10. DAILY, OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, DRAINAGE DITCHES, CHECK DAMS, SEDIMENT TRAPS, ETC., TO PREVENT EROSION ON THE SITE AND PREVENT ANY SILTATION OF ABUTTING WATERS AND/OR PROPERTY.
- 11. PERFORM FINAL FINE GRADING, INCLUDING PLACEMENT OF 'SELECT' SUBGRADE MATERIALS.
- 12. PAVE ALL PARKING LOTS AND ROADWAYS WITH INITIAL 'BASE COURSE'.
- 13. PERFORM ALL REMAINING SITE CONSTRUCTION (i.e. CURBING, UTILITY CONNECTIONS, ETC.).
- 14. LOAM AND SEED ALL DISTURBED AREAS AND INSTALL ANY REQUIRED SEDIMENT AND EROSION CONTROL FACILITIES (i.e. RIP RAP. EROSION CONTROL BLANKETS, ETC.).
- 15. FINISH PAVING ALL ROADWAYS AND PARKING AREAS WITH 'FINISH' COURSE.
- 16. ALL ROADWAYS AND PARKING LOTS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
- 17. ALL CUT AND FILL SLOPES SHALL BE SEEDED/LOAMED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
- 18. COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- 19. REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER SEEDING AREAS HAVE BEEN 75%-85% ESTABLISHED AND SITE IMPROVEMENTS ARE COMPLETE. SMOOTH AND RE-VEGETATE ALL DISTURBED AREAS.
- 20. CLEAN SITE AND ALL DRAINAGE STRUCTURES, PIPES AND SUMPS OF ALL SILT AND DEBRIS.
- 21. INSTALL ALL PAINTED PAVEMENT MARKINGS AND SIGNAGE PER THE PLANS AND DETAILS.
- 22. ALL EROSION CONTROLS SHALL BE INSPECTED WEEKLY AND AFTER EVERY HALF-INCH OF RAINFALL.
- 23. UPON COMPLETION OF CONSTRUCTION, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY ANY RELEVANT PERMITTING AGENCIES THAT THE CONSTRUCTION HAS BEEN FINISHED IN A SATISFACTORY MANNER.

Designed and Produced in NH

Civil Engineering Services 85 Portsmouth Ave. PO Box 219 Stratham, NH 03885

603-772-4746 FAX: 603-772-0227 E-MAIL: JBE@JONESANDBEACH.COM Project:

Plan Name: EROSION AND SEDIMENT CONTROL DETAILS

EV CHARGING STATION 110 HOLLAND WAY, EXETER, NH

McFARLAND FORD SALES, INC Owner of Record: 151 PORTSMOUTH AVE, EXETER, NH

SHEET 8 OF 8 JBE PROJECT NO. 19198

DRAWING No.

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3. SILT FENCE SHALL REMAIN IN PLACE FOR 24 MONTHS

AREA OF EMBANKMENT

CONSTRUCTION OR ANY

DISTURBED AREA TO BE

CONSTRUCTION SPECIFICATIONS:

SILT FENCE

NOT TO SCALE

MINIMUM OF 16" INTO THE GROUND.

STABILIZED (UPHILL) -

48" HARDWOOD

EMBEDDED IN THE GROUND A MINIMUM OF 8" AND THEN COVERED WITH SOIL.

OVERLAPPED 6", FOLDED AND STAPLED TO PREVENT SEDIMENT FROM BY-PASSING.

5. PLACE THE ENDS OF THE SILT FENCE UP CONTOUR TO PROVIDE FOR SEDIMENT STORAGE.

WHEN IT IS 6" DEEP OR VISIBLE 'BULGES' DEVELOP IN THE SILT FENCE.

WOVEN FABRIC FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.

. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THE ENDS OF THE FABRIC SHALL BE

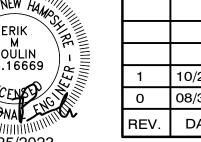
Date: 05/11/2023

THE FENCE POSTS SHALL BE A MINIMUM OF 48" LONG, SPACED A MAXIMUM 10' APART, AND DRIVEN A

. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SEDIMENT REMOVED AND PROPERLY DISPOSED OF

FILTER CLOTH SHALL BE FASTENED TO WOVEN WIRE EVERY 24" AT TOP, MID AND BOTTOM AND





GEOTEXTILE FENCE WITH PROPEX-SILT STOP SEDIMENT

CONTROL FABRIC OR

APPROVED EQUAL

-16" POST DEPTH (MIN)

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