CITY OF DOVER

PLANNING TECHNICAL REVIEW COMMITTEE –AGENDA

Meeting Type: Regular Meeting
Meeting Location: Council Conference Room – City Hall, Dover NH
Meeting Date: **Thursday, April 29, 2021**
Meeting Time: **10:30 AM**

1. 10:30 AM – 11:00 AM: Conceptual Project Review and General Discussion for a Site Review for Downtown Dover Storage, LLC., Assessor's Map 4, Lot 5, zoned CBD – General, located at 14 Broadway. (Proposal is to construct a 25,000 sq. ft. 5-story residential building with 24 units with parking on the first floor). (P21-29)

2. 11:15 AM – 12:00 PM: Site Review for Tobin Farwell – Farwell Engineering Services, (Owner: 33 Littleworth Road LLC), Assessor's Map G, Lot 6D, zoned IT, located at 33 Littleworth Road. (Proposal is to construct a single story 60' x 120' metal accessory storage building and a 14' x 36' addition to the existing building). [*Previously heard on February 18, 2021*] (P20-68)

City of Dover, New Hampshire
SITE REVIEW APPLICATION

[Revision Date: June 4, 2019]

RECEIVED
Planning Office
APR 08 2021
Dover, New Hampshire

Office Use Only Project #: P21-29 Date Received: APR 08 2021
Amount Paid: _____ Time Received: _____

APPLICANT AND OWNER INFORMATION

Name of Applicant: Downtown Dover Storage LLC Telephone # 603-817-3876

Address of Applicant: 42 Dover Point RD unit L Dover, NH 03820

E-Mail Address: Nick @ NewSpaceRE.com

Name of Property Owner (*if different from applicant*): _____ Telephone # _____

Address of Property Owner: _____

PROPERTY INFORMATION

Address of Property: 14 Broadway Dover, NH 03820

Assessor's Map # 04005 Lot(s) # 0

Zoning District(s) CBD Overlay District(s) _____

Size of Parcel: _____ sq. ft. .45 ac. Property Deed: Book 4719 Page: 976

Existing Use of Property: Industrial

SITE PLAN INFORMATION

Describe Proposed Use: 24 unit Building

Area of Parcel to be Developed: .45 sq. ft.

If Multi-family Residential, Specify Number of Units & Buildings Proposed: 24

Number of Parking Spaces: Existing _____ Proposed 36

Highway Access (check where applicable): ____ City Street ____ State Highway

Number of Employees Total: N/A In Maximum Shift: _____

Disposition of Parcel:

Building Footprint _____ sq. ft.

Total Building Area _____ sq. ft.

Paved Area _____ sq. ft.

Building Setbacks:

Front Yard _____ ft.

Rear Yard _____ ft.

Side Yard: Right____ ft. Left____ ft.

City Water? X Yes ___ No How far is city water from the property? _____

City Sewer? X Yes ___ No How far is city sewer from the property? _____

BUILDING INFORMATION

Type of Building to be Built: Multifamily

Height of Building: 5 Story Finished Floor Elevation: 5

Number of Seats (where applicable) _____

Estimated value of construction: 3-4 million Refuse removal: Public / Private (circle one)

WAIVER REQUESTS

Site Review Regulations section(s) to be waived: _____

Justification for waiver request(s) (*attach additional sheets as needed*):

SURVEYOR INFORMATION

Name of Surveyor and Company (Licensed in N.H.) Hancock Associates

Address 1 Harrison St. Newburyport, MA Telephone #: _____

Professional License #: _____ E-mail address: _____

ENGINEER INFORMATION

Name of Engineer and Company (Licensed in N.H.) TEC Inc

Address 146 Dascomb Rd Andover, MA Telephone #: _____

Professional License #: 16305 E-mail address: craymond@theengineeringcorp.com

ARCHITECT INFORMATION

Name of Architect and Company (Licensed in N.H.) _____

Address _____ Telephone #: _____

Professional License #: _____ E-mail address: _____

LANDSCAPE ARCHITECT INFORMATION

Name of Landscape Architect and Company (Licensed in N.H.) _____

Address _____ Telephone #: _____

Professional License #: _____ E-mail address: _____

SOIL SCIENTIST INFORMATION

Name of Soil Scientist and Company (Licensed in N.H.) John Turner Consulting

Address _____ Telephone #: 508-320-4669

Professional License #: _____ E-mail address: JUDson2@Consultfsfc.com

CONSERVATION EASEMENT HOLDER

Name of Easement Holder: _____ Telephone #_____

Address Easement Holder: _____

SIGNATURES

I/We hereby submit this application to the City of Dover Planning Board and attest that to the best of my knowledge all of the information on this application form and in the accompanying application materials and documentation is true and accurate. Furthermore, I/we submit that the existing conditions sheet of the plan represents the lot in question, and that no alteration of the site shall take place during Planning Board review up to and including the pre-construction meeting. As applicant or as agent, I attest that I am duly authorized to act in this capacity.

Signature of Property Owner: _____ Date: 4/8/21

Signature of Applicant (*if different from owner*): _____ Date: _____

Signature of Agent: _____ Date: _____

AUTHORIZATION TO ENTER SUBJECT PROPERTY

I, and my successors, hereby authorize members of the Dover Planning Board, Planning Department and other pertinent City Departments and boards to enter my property for the purpose of evaluating this application, including performing inspections during the application phase, post-approval phase, construction phase and occupancy phase. It is understood that these individuals must use all reasonable care, courtesy, and diligence when on the property.

Signature of Property Owner: _____ Date: 4/8/21

AUTHORIZATION TO COMPLETE THE PROJECT ON SUBJECT PROPERTY

I, and my successors, hereby the City of Dover or its assigns to enter my property for the purpose of completing the site work as required by the approved plan should the letter or credit or other surety be called. It is understood that these individuals must use all reasonable care, courtesy, and diligence when on the property.

Signature of Property Owner: _____ Date: 4/8/21

Signature of Applicant (*if different from owner*): _____ Date: _____

CERTIFICATION OF FEES

I, and my successors, hereby certify that I understand that the City of Dover collects impact fees, utility investment fees and inspection fees for projects developed in Dover. Said fees must be paid before a Certificate of Occupancy can be obtained for a structure, unless a different payment schedule is agreed to by the applicant and the City prior to approvals being issued by the Dover Planning Board. Additionally, should the property be in "Current Use" it will be subject to the Land Use Change Tax.

Signature of Property Owner: _____ Date: 4/8/21

Signature of Applicant (*if different from owner*): _____ Date: _____

CITY OF DOVER SITE REVIEW
LIST OF ABUTTERS

Pursuant to RSA 676:4, the State Law of New Hampshire, the City of Dover is required to notify the applicant, abutters (including holders of conservation easements), and any professional whose seal is on the plan, of the public hearing by certified mail, return receipt requested. Staff will provide the abutter information, while the applicant must provide accurate contact information for the owner, applicant and professional agents representing the project.

Owner:

TAX MAP	LOT #	PROPERTY OWNER	MAILING ADDRESS
04005	8	Downtown Dover Storage	42 Dover Point Rd, Dover, NH 03820

Applicant (if different from owner):

APPLICANT NAME	APPLICANT COMPANY	MAILING ADDRESS

Surveyor and/or Engineer/Professional Agent:

NAME	COMPANY	MAILING ADDRESS
J. Ellis	Hancock Associates	1 Harrison St Newburyport, MA
C. Raymond	TEC, Inc	1146 Dascomb Rd, Andover, MA

Conservation Easement Holder:

TAX MAP	LOT #	NAME OF EASEMENT HOLDER	MAILING ADDRESS

City of Dover, New Hampshire
SITE PLAN REVIEW SUBMISSION CHECKLIST

[Revision Date: June 4, 2019]

This site plan review checklist, as required by Chapter 153-6-B(2), should be completed by the applicant. It is intended to assist the applicant in the planning process of preparing a Site Plan Review application for Planning Board action. The size of the project will determine the types of information required for review, therefore, a **pre-application conference** with the Planning Department to determine the list of items that must be completed is strongly encouraged.

The first step would be to appear before the Technical Review Committee, to apply, eight (8) folded copies of the site plan with scale of not less than 1"=50' or 1" =100' for larger site plans, need to be provided, along with payment of plan review fees.

Two weeks prior to Planning Board, three (3) full size and twelve (12) half size (11x17), folded, copies of the plan set and materials, including response to TRC comments, will be due. Abutter/Notice Fees will be invoiced and need to be paid 28 hours prior to the Planning Board meeting.

The applicant is cautioned that this checklist is only a guide and is not intended to be a complete list of all site plan review requirements. Please refer to the Site Plan Review Regulations for full details.

APPLICANT: Downtown Dover Storage, LLC File Number: _____

PROJECT TITLE: 14 Broadway Development

PROPERTY LOCATION: 14 Broadway Tax Map: 405 Lot: 6

	Where/How Provided	Reviewed
1. Completed and signed Application form		
2. Plan Review Fees are provided		
3. Electronic copy of the engineered/surveyed plan layout		
4. Electronic copy of supplementary materials and application		
5. Traffic Impact Assessment and Analysis (Standard or Advanced)		
6. Waiver requests to the Site Plan Review Regulations, with written justification		
7. Conditional Use Permit applications		
8. A colored rendering of the streetscape that will be created along the existing public right-of-way		
9. A colored architectural plan showing all sides of buildings		
10. Folded copies of site plan w/scale of not less than 1"=50' or 1"=100' for larger site plans, for TRC. Plans shall contain the following items as appropriate:		
Location map at appropriate scale		
Proposed Project name and title and Planning File #		
Date, north arrow and scale		
Names of all abutting property owners		
Name and address of owners and/or applicants		
Signature & stamp of NH licensed land surveyor and/or engineer		
Zoning District boundaries, including any special or overlay districts		
Location of Conservation District areas		
Location, names and widths of existing and proposed streets, including pavement widths, grades, curbs and crosswalks		
Location and widths of existing & proposed easements & right of ways		
Location and width of existing and proposed access/egress ways		

	Explain How Provided	Reviewed
Depict pedestrian walkways and accessible access		
Existing and proposed property lines with dimensions and bearings tied into Dover's Geographic Information System coordinate system		
Existing and proposed topographic information at two foot intervals		
Existing and proposed buildings and structure locations		
Minimum building setbacks or build to lines on all lots		
Location and size of existing and proposed electric, telephone, gas cable and other underground utilities		
Existing and proposed water lines and fire hydrants, including materials and capacity needed		
Location and materials of sanitary sewage facilities within project site and projected additional peak hour sewer load		
Existing and proposed stormwater lines and facilities		
Lighting plan depicting all existing and proposed exterior light fixtures and a lighting level analysis for parking lots		
Location of Flood Hazard Zone		
Location of all bodies of water and watercourses		
Location of wetlands and buffers		
Neighborhood plan with aerial underlay showing how project relates to abutting uses within the plan set		
Existing natural features and/or significant vegetation on property		
Depict existing contours up to 100 ft. beyond project limits		
Landscape plan depicting existing and proposed landscaping, prepared by a licensed Professional Landscape Architect		
Location of parking layout delineating spaces and arrangement; note addressing maximum required spaces		
Location, material and size of existing and proposed pavement area		
Location of proposed fire lanes		
Specify finished floor elevations of buildings		
Location of solid waste disposal facilities (dumpster, pad and screening, etc.), including required screening		
Depict all service, storage, loading bays and utility areas		
All applicable Dover Common Site Plan notes		
11. Additional Information if appropriate		
Stormwater Management Plan depicting the existing & proposed storm drainage system and engineered drainage analysis		
Stormwater Management System Operation and Maintenance Plan		
Letter to Serve from Public and Private Utilities		
Erosion and Sedimentation Control Plan		
Landscape Operation and Maintenance Plan		
Proposed restrictive covenants or homeowners association documents		
Dates and permit numbers of all required state and federal permits		
If wetland buffer, indicate placards locations, as applicable		
Depict test boring locations, groundwater elevations and soil profiles and/or soils types call-outs		
Location of proposed drive-in facilities		
Provide additional exhibits/technical data determined appropriate by the Planning Board or its staff as required		

REVIEWED BY: _____ DATE_____ TRC DATE_____

DEVELOPMENT INFO		
ZONING DISTRICT	CENTRAL BUSINESS DISTRICT (CBD) GENERAL SUB-DISTRICT	
PROPOSED USE	5-STORY RESIDENTIAL BLDG*	
PROPOSED PARKING	36 SPACES	
BUILDING SIZE (RESIDENTIAL ONLY)	25,000± SF GFA 24 UNITS	
UNIT SIZE	885± SF/UNIT**	
LOT SIZE	EXISTING	PROPOSED
LOT AREA (LOT 4-3)	20,621± SF	20,621± SF
LOT AREA (LOT 4-5)	19,471± SF	19,471± SF

* FIRST FLOOR WILL CONSIST OF COVERED PARKING, COMMON SPACE AND BUILDING AMENITIES WITH 4 STORIES OF RESIDENTIAL ABOVE, NO RESIDENTIAL UNITS WILL BE ON THE FIRST FLOOR.

** UNIT SIZE BASED ON 15% REDUCTION IN TOTAL FLOOR AREA TO ACCOUNT FOR COMMON AREAS.

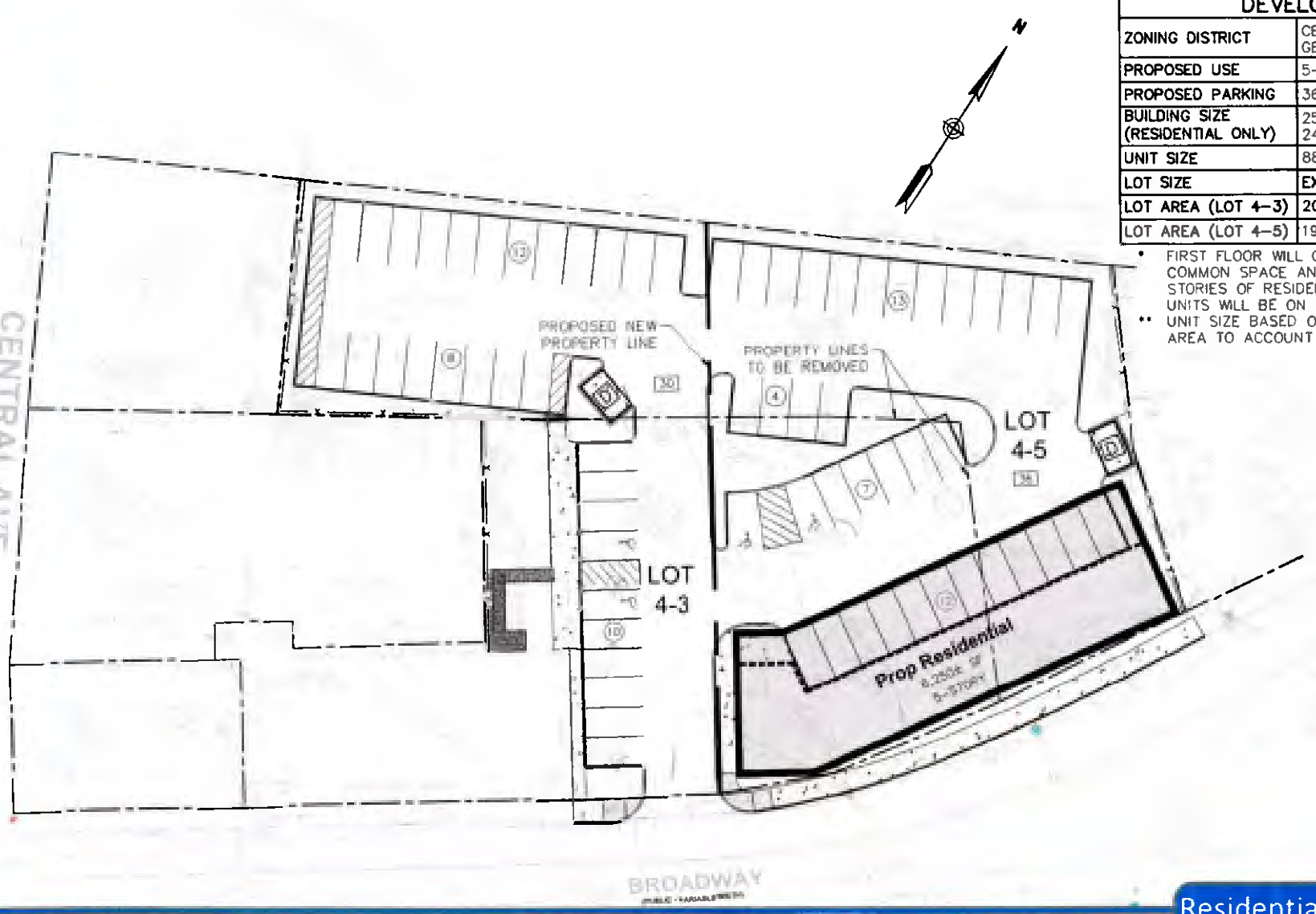
TEC

Scale: 1" = 30'

March 30, 2021

Residential Development

14 Broadway
Dover, NH



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* FIRST FLOOR WILL CONSIST OF COVERED PARKING, COMMON SPACE AND BUILDING AMENITIES WITH 4 STORIES OF RESIDENTIAL ABOVE, NO RESIDENTIAL UNITS WILL BE ON THE FIRST FLOOR.

** UNIT SIZE BASED ON 15% REDUCTION IN TOTAL FLOOR AREA TO ACCOUNT FOR COMMON AREAS.

TEC
169 Ocean Boulevard
Unit 101, PO Box 249
Hampton, NH 03842
t (978) 794-1792

Scale: 1" = 30'

March 30, 2021

Residential Development

14 Broadway
Dover, NH

CITY OF DOVER PLANNING DEPARTMENT
Revised August 10, 2020

APPLICANT: Downtown Dover Storage, LLC FILE NUMBER: _____

List of Common Site Plan Notes

The following list of commonly required notes is intended to be used as a guide to applicants and should not be construed as a comprehensive note requirement list for all projects. A preapplication conference with the Planning Department is suggested to help determine the actual notes that may be required.

1. The intent of this plan is to *(describe the purpose of the plan).*

2. Owners of Record are: Name DownTown Dover Storage
Street address 62 Dover Point Rd
Municipality, State, Zip Code Dover, NH 03820
_____
Authorized Signature

3. The parcel(*s*) is (*are*) shown as Lot No. 4087, Map 0 of the City of Dover Tax Assessor's Maps.

4. The subject parcel(s) contains .45 acres or 19602 sq. ft. area of land.

5. Title reference for the project parcel(*s*) is the Strafford County Registry of Deeds, Book No. 4719 Page No. 976

6. Reference Plans: *(List all reference plans and their SCRD #)*

7. All applicable right-of-way, conservation, slope, construction, power line, cross travel, or other easements shall be referenced in a note.

8. Zoning dimensional and density requirements are as follows:

Required:	Provided:
a. Zoning district CBD sub-district _____	
b. Minimum lot size: _____ acres (sq. ft.)	
c. Minimum lot frontage: _____ ft.	
d. Minimum yard setbacks/build-to-lines:	
Front _____ ft.	
Side _____ ft.	
Rear _____ ft.	
Abut-a-street _____ ft.	
e. Maximum/minimum lot coverage _____ %	
f. Minimum/maximum bldg. height _____ ft./stories	

This property falls within the following zoning overlay districts: *(List districts)*

9. List any variances or special exceptions granted by the Zoning Board of Adjustment or Conditional Use Permits granted by the Planning Board for the proposed use or structure, including the case number and date of decision and any conditions.

10. Property line information has been obtained from a survey performed by *(surveyor)* on (*date*) with an error not greater than 1 in 10,000 (*or has been obtained from _____ Plan, prepared by (surveyor)*).

11. Subject parcel is (*is not*) located within a Federally designated flood hazard area (Community panel number 33017C0xxxD, Effective Date: September 30, 2015).

12. Wetlands were delineated by _____, Certified Wetlands Scientist, Certification Number ____, in accordance with Chapter 170-27.1 of the Zoning Ordinance, on _____, 20___.

13. As-built plans of the subdivision shall be submitted on paper and in digital format AutoCAD DWG, AutoCAD DXF or ESRI format to the City of Dover Engineer's Office upon completion of project if a street is proposed for City acceptance. As-built plans shall be prepared and certified correct by a L.L.S. or P.E. Digital files shall be geo-referenced to New Hampshire State Plane Coordinates NAD83 and shall be expressed in feet.

14. The installation of electric power, cable television and telephone lines shall be underground throughout the site for which development is proposed.

15. The subject parcel(s) is (are) served by municipal water and sewer (*or is served by on-site well and septic system*).

16. All construction shall conform with the State of New Hampshire Department of Transportation (NHDOT) "Standard Specifications for Road and Bridge Construction" and with the City of Dover Community Services Regulations and standard specification for construction. The more stringent specification shall apply.

17. All erosion control notes shall include provisions for construction sequencing, temporary erosion control measures, and permanent standards such as loam spread rate for disturbed areas, rates of lime, type and rates for fertilizer, and seed and mulch mixture with rates of application.

18. The limits of construction disturbance that are located in or within the 50 ft. of Conservation and Wetland Districts shall be staked, flagged and clearly identified prior any earth disturbing activity occurs.

19. All treatment swales to be constructed shall have sod bottoms.

20. A letter of credit for the cost of revegetating all disturbed areas on the site shall be submitted, and the approved construction sign installed prior to any earth disturbing activity occurs.

21. A pre-construction conference with the developer, the design engineer, the earthwork contractor and the City Engineer shall occur prior to any earth disturbing activity.

22. Site Construction hours shall be limited to Monday-Friday 7 AM-6 PM, Saturday and Sunday 9 AM-4 PM. Hours of construction must be documented on a site construction sign along with the contact information for the general contractor. Said signage must be located and approved by the City Engineer or Assistant City Manager.

23. Building addresses (including apt/unit numbers if applicable) shall be assigned by the Building Official at the time of issuance of a building permit.

24. The proposed use for the site (structure) is multi-family. (More specific uses are encouraged, such as single family, duplex, multi-family, restaurant, hotel, doctor's office, etc. Should more than one use be proposed, an indication of the percentage of each use is suggested.)

25. The following federal and state permits have been issued for the subject property: (*List permit type, number and date of issuance.)*

26. Commercial vehicle route during construction shall conform to Dover City Code or be coordinated with the Community Services Director.

27. Any retaining wall taller than four feet (4') requires issuance of a building permit from Inspection Services.

28. Any fence taller than seven feet (7') requires the issuance of a building permit from Inspection Services.

29. Applicant shall complete Land Use Development Tracking Form, most recently revised version, utilizing the online Pollution Tracking and Accounting Pilot Project (PTAPP) portal. https://www.unh.edu/unhsc/ptapp

30. The owner of record shall record at the Registry of Deeds documentation sufficient to provide notice to all persons/entities that may acquire any property subject to the requirements and responsibilities described in the approved STORMWATER Management Plan. The notice shall comply with the applicable requirements for recording contained in RSA 477 and 478. The notice need not set forth the requirements at length, so long as it is sufficient to provide notice to prospective purchasers to the requirements for maintenance and reporting.

31. Fire department access road(s) shall be installed and maintained to support the imposed loads of fire apparatus in all weather conditions at all times.

32. The maximum parking space calculation is 1.5x24 (broken down) and 36 spaces are provided.

33. Exterior lighting shall be cut-off type fixtures per Chapter 153-14-E and shall provide lighting directed on-site only.

34. Topographic survey performed by Hancock Associates on *(dates).*

35. Elevations are based on U.S.G.S. NVD 1988 datum. (**or** Elevations depicted are based on information obtained from the City Engineer's Office and was derived from coordinates for control stations _____ and _____. These coordinates have not been adjusted to 1983 datum).

36. A security system shall be installed as required by Chapter 45, Article I, section 45-2 of the Code of the City of Dover. (*If a business establishment or multi-family dwelling contained in a new, altered or repaired structure*)

37. Approved backflow preventers shall be provided for both fire and domestic water lines.

38. The (*existing or proposed*) structure shall be served by a sprinkler system as required by Chapter 81- 30 of the Code of the City of Dover and the adopted State of NH Building and Fire Codes.

39. Sprinkler connections must be flushed in accordance with NFPA 24 and a Contractor's Material and Test Certificate for Underground Piping form must be completed and approved by Inspection Services prior to connection of the backflow device.

40. Fire department connection(s) shall be located on the street side of the building per NFPA 13. Access to the FDC shall maintain a clear and unobstructed path at all times.

41. The site layout is designed in compliance with applicable accessibility regulations. The proposed structure will be also be designed in accordance with applicable accessibility regulations. (i.e. IBC, ANSI-117.1) and NH RSA 155-A:5.

REMARKS:

CITY OF DOVER

TECHNICAL REVIEW COMMITTEE MINUTES – P20-68

Application Type:	Site Plan Review
Applicant(s):	33 Littleworth Road LLC
Owner(s):	33 Littleworth Road LLC
Location:	33 Littleworth Road (Assessor's Map G, Lot 6D)
Date:	February 18, 2021

INTENT: To construct a 14x26' addition to the existing building and 60'x120' metal storage building

UNITS PROPOSED: N/A

AGENDA ITEM #: 1

ACREAGE: 2.3 acres

ZONING DISTRICT: IT

EXISTING LAND USE: Moore's Crane

PROPOSED LAND USE: Same as existing

SURROUNDING LAND USE: Industrial, Residential

ZBA ACTION: None

PERMITS REQUIRED:
-NHDOT Driveway

WAIVERS REQUESTED:
-Landscape Plan
-Architect's signature

ATTENDANCE:
Members:
Donna Benton, Planning
Christopher Parker, Zoning
Jim Maxfield, Inspection Services/Fire
Alan Dews, Engineering
Sgt. Marn Speidel, Police

Others:
Tobin Farwell, Applicant's Rep
Hadley Moore, Owner

Approval of the 2/11/2021 Minutes:
C.Parker made a motion to approve the February 11, 2021 minutes. Seconded by Sgt. Speidel. Vote: U/A

PLAN REVIEW:
Planning:

- Water Investment Fees if tied in
- Impact Fees
- Pay balance of application fees
- Revise application acreage and area
- Discuss use of accessory storage building
- Provide:
  - Letters to Serve from Unitil and Eversource
  - Waiver justifications
- Revise plan to:
  - Planning file number P20-68
  - Wetlands reviewed? Expand on note on EC sheet
  - Add owner's signatures
  - Add professional signature and stamps
  - Add provided lot coverage to Zoning note
  - Show dumpster and screening on site
  - Lighting plan needs to be on site plan and meet the lighting standards including uniformity ratio and be dark sky compliant
  - Add transit section to TIA
  - Show how the fire truck can turn around (not just back up)
  - Indicate what the extra line in middle of pavement is
  - Provide additional screening along G/28-1-D
  - Add refueling station on site plan
  - List any permits needed
  - Confirm all items on the checklist and notes are on plan set

Engineering Comments:

- Show more detail of the utility connections (only gas and electric are shown)
- Show existing water, sewer and other utilities
- Will there be sewer and water to the new buildings? Can sewer be brought up from down the private road?
- Show the lighting and landscaping on the plan set
- Drainage analysis for the site
- It seems there is proposed parking over the leachfield area. What is the condition of the leachfield?
- Fuel tank should be brought up to code.
- How do the cranes or large trucks turnaround to exist the site?
- Label contours
- Add more erosion control
- Add a pavement detail
- Add City details for each utility

CITY OF DOVER

TECHNICAL REVIEW COMMITTEE MINUTES – P20-68

Application Type:	Site Plan Review
Applicant(s):	33 Littleworth Road LLC
Owner(s):	33 Littleworth Road LLC
Location:	33 Littleworth Road (Assessor's Map G, Lot 6D)
Date:	February 18, 2021

Police Department Comments:

- Sheet C-1: Amend note 13 to remove the word "alarm". A security system shall be installed… (doesn't necessarily have to be alarmed if it meets other relevant security requirements)
- Sheet C-2: Are these existing Gas and Electric utilities coming in from Littleworth Road, or new proposed?
- Provide lighting plan for overall site, especially to property lines and residential abutters

Fire/Inspections Comments:

- Turning template shall indicate T1 mobility throughout the site.
- Indicate on the site plan vehicular/equipment throughout the site.
- Turning template indicates 16 x 36 addition whereas addition plans indicate 14x36. Clarify and edit as necessary
- Utilities shall maintain the required separation from one another -clarify design intent
- Site plan shall clearly indicate the paved area and gravel areas used as staging, laydown areas etc.
- Provide more detail regarding fueling dispenser area such as type, quantity etc.

Economic Development: N/A

Planning Board Comment:

- More landscaping needed

Next Steps:
Revise package to address these comments then come back for a second TRC then apply for Planning Board.

Adjournment:
C.Parker moved to adjourn the meeting at 11:10
Seconded by J.Maxfield. Vote:U/A

April 13, 2021

Donna Benton

City Planner

City of Dover, NH

288 Central Avenue Dover, NH 03820-4169

Letter of Transmittal.

Dear Donna Benton,

Please find enclosed the information that was requested in the February TRC meeting.

Thank you,

Hadley Moores

33 Littleworth Rd LLC

Hadley Moores

Fuel Tank Engineering Plans and Approval

STATE OF NEW HAMPSHIRE DEPARTMENT OF SAFETY
Richard M. Flynn, Commissioner

Division of Fire Safety
Office of the State Fire Marshal
J. William Degnan, State Fire Marshal

Office: Richard M. Flynn Fire Academy, Route 106, Concord, N.H.
Mailing Address: 33 Hazen Drive, Concord, N.H. 03305
603-271-3294, FAX 603-271-1091

March 15, 2007

Walter F. Shivik, P.E.
Shivik Associates
28 Main Avenue
South Hampton, NH 03827

Re: Moores Marine Construction Tank Variance, Dover FMO # 7060005/13

Dear Mr. Shivik:

Your request for a variance in accordance with Saf-C 6004.05 has been received and reviewed by Investigator Michael Stark of this office. In your letters dated January 18, 2007 and March 9, 2007 you outline the issues at hand. You suggest installing a reinforced concrete wall between the tank containing diesel fuel and the pump which will be place less than the 50 feet required by NFPA 30A. Your letters included drawings of the suggested solution. In addition you included a letter from the Dover Fire Department stating that they are not against the granting of the variance.

In accordance with the authority granted the State Fire Marshal by Saf-C 6004 your variance request is granted with two conditions. Only diesel fuel may be used at this facility and only Moores Marine Employees may use this dispenser for fuel. Please note that variances issued by the State Fire Marshal do not supersede local requirements.

If you have any questions feel free to contact me or Investigator Stark at 271-3294.

Sincerely,

J. William Degnan
State Fire Marshal

Cc: Dep. Chief Eric Hagman, Dover Fire Department
William O. Clark, NHFMO
File

Annual Leak Monitor and Overfill Protection Test Form for Aboveground or Underground Storage Tank Systems with Secondary Containment

For use in the State of NH

NH Code of Administrative Rules Env-Or 400 (UST Rules) "Operation of Leak Monitoring Equipment"

NH Code of Administrative Rules Env-Wm 1402-29 or Env-Or 300 (AST Rules)"Inspections and Reporting Requirements"

The New Hampshire Department of Environmental Services (NHDES) has developed this form to help you document the required annual testing of the leak monitoring and/or overfill protection equipment at this Aboveground & Underground storage facility. Consult manufacturer's recommendations on testing for specific guidelines.

Facility Name and Address	Moores Crane Rental 33 Littleworth Road Dover, N.H. 03820	AST Facility ID No. OR AST NHDES Site No.	0000-399 200611029

A. Results of Annual Leak Monitoring Test

		Manufacturer	Model
1	Leak Monitor Manufacturer's name and model number	Omntec	LU-2 w/Remote Annunciator

Complete the following checklist using: Y = yes, N = no, N/A = not applicable

If your answer is No, then describe in the "comments" section of this form how and when these items will be corrected.

		DES Tank No. 1			
2	Leak monitor console assignments are correctly programmed and labeled for all sensors.	Y			
3	Tank secondary containment sensor is positioned per manufacturers recommendation.	Y			
4	Piping secondary containment (piping, intermediate, and or dispenser sump) sensors are positioned per manufacturers requirements to monitor all.	N/A			
5	Brine level of the interstitial space of the tank is within the manufacturers operation range.	N/A			
6	All secondary containment is liquid tight and free of debris, water and regulated substance.	Y			
7	All sensors & probes were visually inspected, manually tested, and confirmed operational, including remotes annunciators.	Y			
8	The leak monitor console audible alarm is operational and reset.	Y			
9	The leak monitor console visual alarms are operational and reset.	Y			
10	The communication equipment (e.g. modem) is operational for leak monitoring systems and will relay to a remote station.	N/A			
11	Overfill alarms sensors and shutoff devices were manually activated and verified to be at the proper operational settings. Triennially for USTs Annually for ASTs	Y			
12	**In summary, the leak monitoring system is confirmed to be in proper operation per manufacturer's requirements, all sensors are reset and alarms have been cleared.**	**PASS**			
Comments	**Overfill Protection:** (Omntec Probe set @ 90% - 5" inches w/Overfill Prevention Valve set @ 95% - 3"inches)				

B. Verification

I hereby verify that the equipment identified in this document was tested for proper operation in performance of the original design function in accordance with the manufacturer's requirements. Attached to this form is information (If available, system set-up reports) necessary to verify that this information is correct.

Technician Signature: *Geoffrey Dawson* Date: December 23,2020

Geoffrey Dawson Lakes Region Environmental PO Box 1236 Belmont N.H. 03220

Phone: (603)-267-7000 Fax: (603)-267-8039

Send Copy of This Form to: (Keep original in your files)	Attn: AST/UST Compliance Bureau State of New Hampshire Dept. of Environmental Services PO Box 95 Concord, NH 03302-0095	NHDES Phone	(603) 271-3899
		NHDES Fax	(603) 271-2181

Copy Sent To NHDES by Test Technician	Yes	No	Date
	X		

SUGGESTED MONTHLY ABOVEGROUND PETROLEUM STORAGE TANK INSPECTION CHECK OFF LIST

Owners of regulated petroleum AST's are required by New Hampshire rule [Env-Wm 1402.29 (a)] to inspect their AST facilities not less than monthly. [Env-Or 300

This inspection form is intended to assist owners/operators of AST facilities on what items to inspect and conditions to look for when inspecting their facility. Because each AST facility is different, some of the elements contained on the inspection check off list may not apply to a particular facility, therefore, facility owners can use this form and enter "N/A" for those items on the inspection form that do not apply.

NOTE: Response in ***bold italics*** are considered as the 'no action' responses

FACILITY NAME:Moores Crane Rental
LOCATION: 33 Littleworth Road Dover, NH 03820
(Site ID: # 200611029 / Facility ID: # 0000399)

DATE: December 23,2020
INSPECTOR: Lakes Region Environmental
Tank: # 1 1,000 Gallon "Diesel Fuel Tank"

ITEM	RESULTS		COMMENTS	PROPOSED CORRECTIVE ACTION
TANK AREA				
Leaks from tanks	yes ☐	***no*** ☑	If so, tank No.	
Piping Leak	yes ☐	***no*** ☑	If so, tank No.	
Stained soil	yes ☐	***no*** ☑		
Adequate Free board (e.g. excess snow/ice)	***yes*** ☑	no ☐		
Dike condition	***sat*** ☐	unsat ☐	Double-wall Con-vault Tank	
Height of dike walls diminished from designed height	yes ☐	***no*** ☐	N/A	
Visible sheen on standing water in dikes	yes ☐	***no*** ☐	N/A	
If not, was the standing Water drained?	***yes*** ☐	no ☐	N/A	
Grass height, weeds, debris	***sat*** ☑	unsat ☐		
Level of standing water in dikes	***none*** ☐	in ___	N/A	
Storm water drains away	***yes*** ☑	no ☐		
Is the dike valve closed and locked? (or the plug in place?)	***yes*** ☐	no ☐	N/A	

ITEM	RESULTS		COMMENTS	PROPOSED CORRECTIVE ACTION
Condition of piping: corrosion	yes ☐	*no* ☑		
paint	*sat* ☑	unsat ☐		
supports	*sat* ☑	unsat ☐		
High level alarms condition	*sat* ☑	unsat ☐	Omntec LU-2 High Level Probe Tested 12-23-20 "PASSED"	
Tank Label condition	*sat* ☑	unsat ☐	Labels look good	
Condition of outlet piping	*sat* ☑	unsat ☐		
Valves locked closed when not in use	*yes* ☑	no ☐		
Drawoffs locked closed when not in use	*yes* ☐	no ☐	N/A	
Tank shell and roof: discoloration	yes ☐	*no* ☑		
corrosion	yes ☐	*no* ☑		
cracks	yes ☐	*no* ☑		
bulging	yes ☐	*no* ☑		
paint	*sat* ☑	unsat ☐		
Tank foundation: cracking of ring wall	yes ☐	*no* ☑	Con-vault Double-wall Tank w/ concrete Tank Pad	
uneven settlement	yes ☐	*no* ☑		
cracking of cradle	yes ☐	*no* ☑		
loosened anchor bolts	yes ☐	*no* ☑		
all openings liquid tight	*yes* ☑	no ☐		
Check for water level in tanks	*sat* ☑	unsat ☐		
Drain water drawoff	*yes* ☐	no ☐	N/A	
Roof vents clear	*yes* ☑	no ☐	N/A	
PV vent operates freely (where required)	*yes* ☑	no ☐	2" Atmospheric Vent w/ 6" emergency vents	
Level gauging equipment condition	*sat* ☑	unsat ☐	Black Knight - Inches Gauge	
Oil/water separator condition	*sat* ☐	unsat ☐	N/A	
Safety equipment in place and operative	*yes* ☑	no ☐		

ITEM	RESULTS		COMMENTS	PROPOSED CORRECTIVE ACTION
Oil spill response and clean up supplies available	yes ☑	no ☐	Spill Kit located in Building	
Leak detection equipment condition	sat ☑	unsat ☐	Omntec LU-2 Leak Sensor Tested 12-23-20 "PASSED"	
RACK/TRANSFER AREA				
Leaks from equipment	yes ☐	no ☑		
Stained concrete/wood/gravel	yes ☐	no ☑		
Drainage unimpeded	yes ☑	no ☐		
Safety equipment in place and operative	yes ☑	no ☐		
Grounding clamps and cables condition	sat ☑	unsat ☐		
Electrical equipment condition	sat ☑	unsat ☐		
Fire extinguishers in place	yes ☑	no ☐	Inspection by Others /Owner	
Remote shut down devices	yes ☑	no ☐	Located in building	
No smoking signs	yes ☑	no ☐		
Engine off signs	yes ☑	no ☐		
Condition of signage	sat ☑	unsat ☐	Labels look good	

SIGNATURE: Geoffrey Dawson DATE: December 23,2020

NAME: (print or type): Geoffrey Dawson, LRE- Technician

Comments & Recommendations:

1) Spill bucket hinge broken (needs repair)
2) Recommend raising atmospheric vent to 3' in height for "snow accumulation"
3) Perform monthly inspections as required by NHDES Env-Or 300

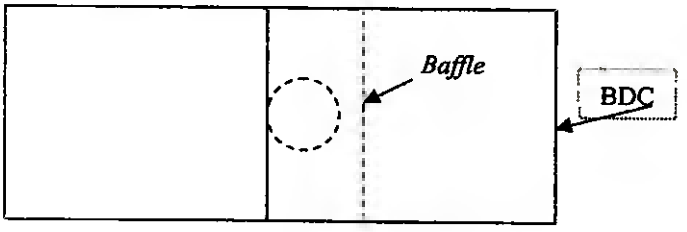
Shivik Associates

TANK REPORT

Date Inspected	June 21, 2006		
Tank No.	NA	Product	L.S. Diesel
Size	2,000 gal	Owner	Moore Marine Constr.
Type of Construction	H-AST; FF/LW; DBL-WL	Location	Dover, NH

Finding: It is my professional opinion that this tank in its current condition is **suitable** for the storage of petroleum products.

Inner Shell (3/16"-Nom.)



Thickness (Ultrasonic)

Plate 1	Plate 2
t_{min} = .182"	t_{min} = .181"
t_{avg} =.186"+/- .003"	t_{avg} =.188"+/- .004"
t_{nds} = .190"	t_{nds} =.190"
Pit_{max}= nil	Pit_{max}= nil

Note: 1) Ultrasonic-NDE does not cover 100% of the tank area; therefore, individual thin spots may exist which were not detected. Readings taken in bottom half of each shell plate.
2) Calibration: PANAMETRIC Model 26MG calibrated to .200" coupon prior to testing and checked subsequent to tank readings.
3) Sketch depicts expansion of bottom half of internal shell plate.
** Indicates head in way of adjacent plate #.*

Notes: Inspection included visual, micrometer and ultrasonic tests.
Upper shell half+ has minimal surface corrosion with original mill scale.
Drop fill pipe(s): in good order.
Tank gauges and floats in good order.
End heads in very good condition.
Fitted with emergency vents.

Corrosion/Pitting

Some very light surface rust (oxide) was seen but no pitting. The steel thickness was well within nominal manufacturer's tolerances as fabricated.

WALTER F. SHIVIK, P.E.
28 Main Avenue
South Hampton, NH 03827
(603) 394-7853
Fax: (603) 394-0233

MMC: TR-2K, SA, wfs

Next Internal Inspection

June, 2016

Approval) I, Walter F. Shivik, being a Registered Professional Engineer, having examined this tank and being familiar with tank inspection procedures as well as the provisions of NH Env-Wm 1402.29 and API 653, attest that the above tank in its current condition is **suitable** for the storage of petroleum products. The above work was undertaken in accordance with generally accepted consulting engineering practices and no warranty, expressed or implied, is made.

Date: June 22, 2006

Walter F. Shivik

P.E. License #3675 of New Hampshire
API Certification No. 23331

Shivik Associates

TANK REPORT

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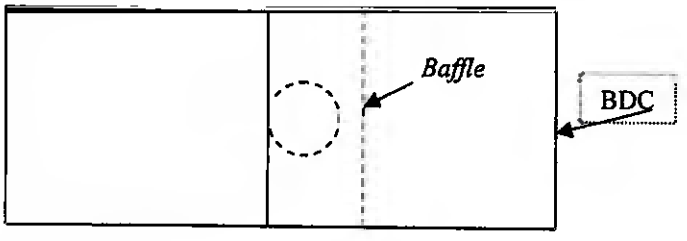

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Date: June 22, 2006

Walter F. Shivik

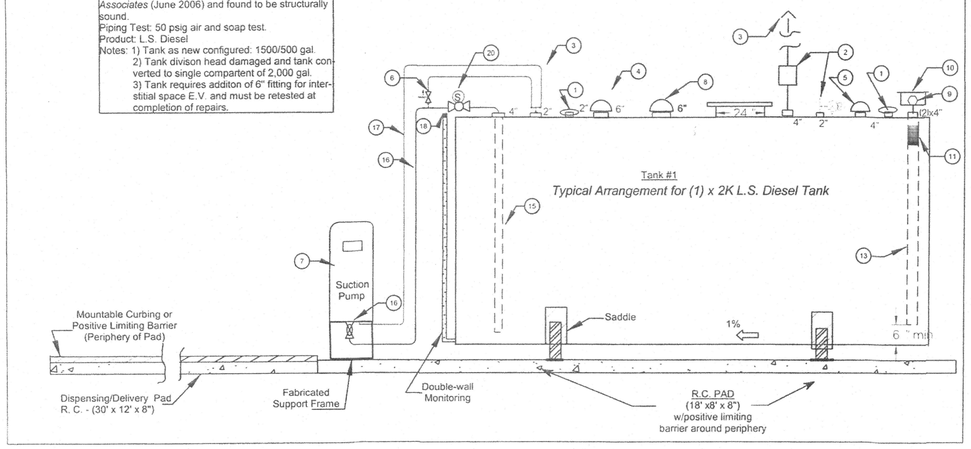
P.E. License #3675 of New Hampshire
API Certification No. 23331

REVISIONS	BY
1/15/07	WFS

SCHEMATIC TANK/PIPING/RACK ARRANGEMENT (One Tank)

TANK INFORMATION (USED)

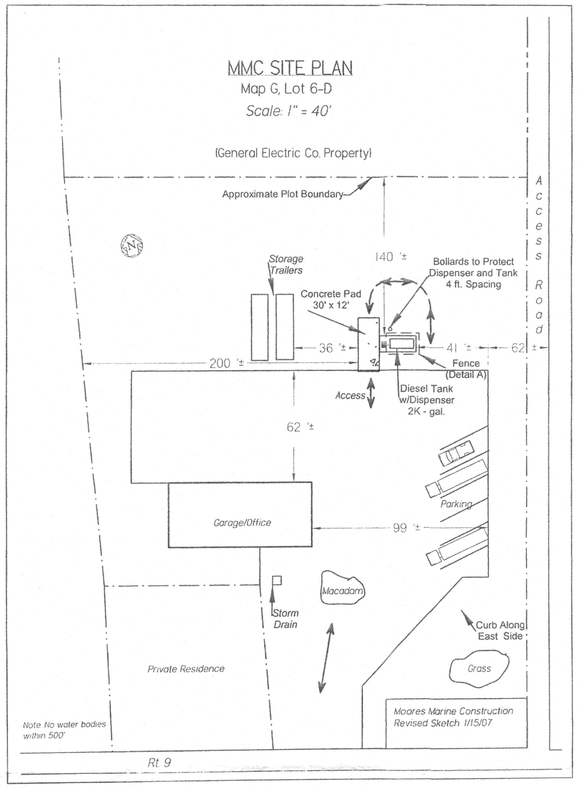
Manufacturer: Highland Date: 1996 Code: UL 142
Type: Doublewall Capacity: 2,000 gal. Dia. - 64"
Tank Test: After repairs @ 5 psig - June 2006
Shell Thickness: 3/16" Head Thickness: 3/16"
Env-Wm 1402.16(b)(2): Tank inspected by *Shivik Associates* (June 2006) and found to be structurally sound.
Piping Test: 50 psig air and soap test.
Product: L.S. Diesel
Notes: 1) Tank as new configured: 1500/500 gal.
2) Tank divison head damaged and tank converted to single compartent of 2,000 gal.
3) Tank requires additon of 6" fitting for interstitial space E.V. and must be retested at completion of repairs.



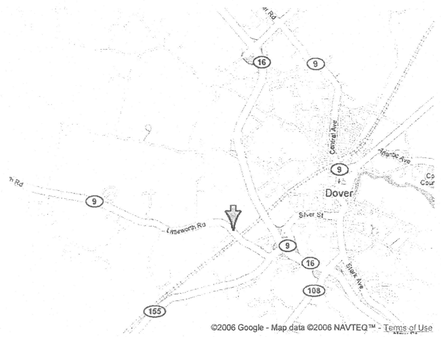
MMC SITE PLAN

Map G, Lot 6-D

Scale: 1" = 40'



SITE LOCATION



MATERIALS* (L.S. Diesel System)

NO	QTY	DESCRIPTION	Remark
1	2	Sculley Uni-gauge (Existing)	
2	1	Omntec HL Alarm/LU1L-1 Controller/Sensor	Spec. Sht. Attach.
3	1	2" Morrison 354 Open Vent	NFPA 30 2-3.5.2
4	1	6" Emergency Vent (Supplied with tank)	NFPA 30 2-3.6.1
5	1	4" Emergency Vent (May be removed and opening plugged)	
6	1	1/2" NPT - Pressure Relief By-pass (Back to Tank) - Morrison 78 Series	NFPA 30A 3-7
7	1	Gasboy Dispenser - Model 53C - (UL Listed)	Used
8	1	6" Emergency Vent (Interstial Space)	NFPA 30 2-3.6.1
9	1	Quick connect adapter per delivery contractor	
10	1	AST Spill Container - (5 gal.)	
11	1	AST Overfill Prevention Valve - 2" - Morrison 9095A	Spec. Sht. Attach.
12		1 1/2" C.S. Schedule 40 w/elbows, tees, etc. as needed	
13	1	Drop pipe - 2" x 5' - Morrison 419	
14	1	Solenoid Valve - 1 1/2" - Morrison 710	NFPA 30A 2-1.7
15	1	1 1/2 " C.S. suction pipe	
16	1	Pressure regulating valve with shear protection	NFPA 30A 4-3.6
17	1	Air-eliminator line - 3/8" Copper Tubing	
18	1	Kreuger SENTRY Gauge (Leak Detection, Insterstial Space)	Spec. Sht. Attach.
19			
20			
21			
22			

*1) Substitution of equivalent materials/components which meet the design specifications is permitted.

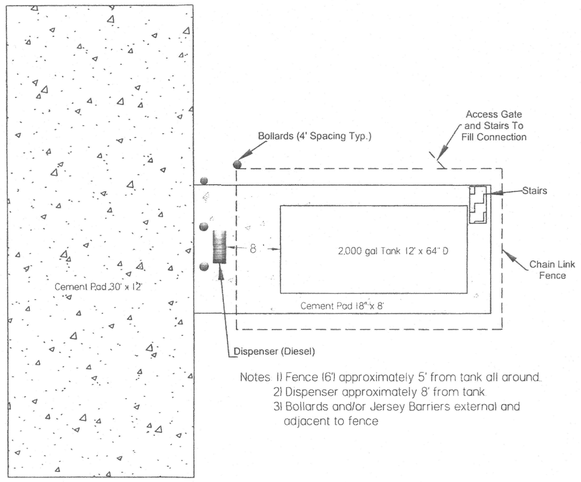
2) Substantial design changes must be approved by the design engineer and NH-DES.

GENERAL NOTES

(This drawing provides details of the tank general arrangement/installation per NH-Env 1402 and NFPA Code)

1) Tank by Highland Tank (Used)
 a) Manufactured to UL-142 Standards
  i Tank shell dbwl
 b) Used tank previously damaged, repairs completed with primary tank and dbwl tested @ 5 psig.
2) Overfill Protection
 a) OMNTEC L-I-L Overfill Alarm
  i Safe fill height at which alarm is activated
   90% of Total Capacity = 1,800 gal = 54"
 b) Scully Unifill Gauge
  i Gauge and alarm are independent
  ii Area is adequately lighted
 c) AST Overfill Prevention Valve
  i Shut-off at 90-95% = 58"
 d) Interstitial monitoring using Kreuger SENTRY Gauge
4) Dispenser/tank Collision Protection
 a) Use cement filled bollards or "Jersey" barriers to protect against vehicle impact - or combination of both
  i Bollards to be cement filled schedule 80 pipe extending 4' above grade and anchored in 2' D cement base extending 4' below grade Center to center spacing of bollards to be not more than 4 feet
5) Piping
 a) All primary piping Schedule 40 - Steel
  i All aboveground piping less than 2" NPT
  ii Piping runs to be adequately supported
  iii Pipe Coating 1) one coat alkyd primer, 2) two coats alkyd enamel, semi-gloss
6) Electrical Installation per NEC
 a) Clearly identified remote disconnect switch to be 20 to 100 feet from dispenser
7) Concrete
 a) 28 day compressive strength = 3,000 psi
 b) Reinforcing
  i Pads to have two mats of bars (one top, one bottom) each of No. 5 bars at 12 in. o.c. each way
  ii Locate mats at 2" from top of pad and 2" from bottom
 c) Positive Limiting Barrier Finish tank pad apron with four V-groves - 1/2" deep X 4" spacing. To provide containment of dispenser leak or tank vent overflow. Similar PLB or mountable curb to be provided around dispensing/delivery pad.
8) Miscellaneous
 a) The tank shall be marked as follows
  i Letters 2" min. height
  ii Tank # corresponding to registration information
  iii Safe fill height which corresponds to 90% full = 54"
  iv National Fire Rating Symbol of product stored
 b) Monthly inspections and testing per Env-Wm 1402.29 are required
9) Other
 a) Proposed location is not within 100 year flood plain
 b) Town water provided to site and surrounding properties
 c) The tightness of the tank, piping, as well as satisfactory operation of gauges and alarms shall be proven before placing system in service
 d) Required SPCC Plan to be completed before placing new equipment/system in sevice
10) NH-DES
 a) Application for AST installation must be approved before commencing work.
 b) Installation must be inspected by NH-DES before placing in service.
11) NFPA
 a) Tank setback conforms to NFPA 30A
 b) Dry-chemical fire extinguisher at dispenser
12) Waiver Request Pending (Submitted to State Fire Marshall)
 a) Tank/dispenser setback - NFPA 30A 4.3.2.4
 b) Fence to tank distance less than 10' - NFPA 30A 4.3.7

DETAIL "A"



Notes 1) Fence (6') approximately 5' from tank all around.
2) Dispenser approximately 8' from tank
3) Bollards and/or Jersey Barriers external and adjacent to fence

Fencing and Tank Protection
MMC, Littleworth Rd., Dover, NH

STATE OF NEW HAMPSHIRE – WALTER F. SHIVIK No. 3675 LICENSED PROFESSIONAL ENGINEER

Walter F. Shivik

Date August 11, 2006

GENERAL LAYOUT & DETAILS
for
FLEET FUELING SYSTEM
MOORES MARINE CONSTRUCTION
33 LITTLEWORTH RD. (RT- 9)
DOVER, NEW HAMPSHIRE

Date	1/15/07
Scale	None
Drawn	WFS
Job	MMC
Sheet	1
Of	1 Sheets

24 X 36 PRINTED ON NO. 1000H CLEARPRINTe

MOORES CRANE RENTAL
33 LITTLEWORTH ROAD,
DOVER, NH 03820

LICENSED ARCHITECT
WILLIAM
DAVIS
No. 1579
THE STATE OF NEW HAMPSHIRE

STREETSCAPE PERSPECTIVE

FARWELL
ENGINEERING
SERVICES, LLC

265 Wadleigh Falls Road Lee, NH 03861 Ph(603)292-5787
WWW.FARWELLENGINEERING.COM

March 23, 2021

City of Dover
288 Central Ave
Dover, NH 03820

Re: Tax map G Lot 6D
Moores Crane Rental
33 Littleworth Road
Dover, NH

Dear Planning Dept.:

Plan review comments response:

Planning comments

1. Water is not being provided to the proposed building
2. Impact fees will be payed by the owner
3. **Application fees have been paid with this resubmittal**
4. The application has been corrected the sf and acreage was swapped
5. A letter has been submitted describing the use of the proposed building
6. We are submitting letters from Unitil and Eversource
7. The plans have had the file number on P20-68
8. **Wetlands has been reviewed and a separate letter has been provided.**
9. **Owner has signed the cover sheet of the plans**
10. The PE stamp is on the plan
11. Lot coverage is added to note 6 on the cover sheet on the plans
12. Dumpster has been shown on the plan
13. Lighting information has been added to a separate plan
14. Transit section has been added to the TIA
15. Fire truck has been shown to do a loop
16. Line has been corrected
17. No additional screening is shown. The abutting house on lot G/128-1-D is 200 feet from property line. The garage is approximately 150 feet from property line.
18. The refueling station is on the plan and is labeled
19. NHDOT permit is only other permit needed. A note has been added to the cover sheet
20. The checklist is complete and all pertenant notes are on the plan

Engineering Comments

21. The only utilities for the proposed building are gas and electric
22. Existing water and septic service for the existing building has been shown.
23. No Sewer or water is proposed for the new building

24. A separate lighting plan has been created and landscaping has been added to the site plan
25. A drainage analysis has been provided to the engineering dept.
26. The leachfield is functioning properly.
27. Fuel tank is inspected as required and is up to code.
28. The revised site layout will still allow for mobility of the equipment on site.
29. Additional contours have been labeled
30. Erosion control has been added – Silt sock will be used to prevent sedimentation from leaving the site
31. A Pavement detail has been added
32. We have added a trench detail. Is this in compliance with the city detail? Where can we get city details.

Police Dept. Comments:

33. Note 13 has been amended
34. The existing gas line is to be tied into for the new building.
35. Lighting plan provided

Fire/ Inspection Comments

36. Turning template has been updated
37. The site plan has been updated to show limits of laydown area
38. The addition has been corrected to 14x36
39. The site plan is clearly labeled the gravel and paved areas.
40. Additional information regarding the fuel storage has been added.

Thank you for your consideration in this matter.

Sincerely,

FARWELL ENGINEERING SERVICES, LLC

Tobin Farwell, P.E.
Principal

Moores Crane Rental-Storage Building
Site Plan
TAX MAP G, LOT 6D
33 Littleworth Road
DOVER, NEW HAMPSHIRE

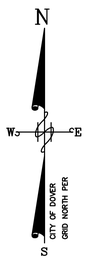
ABUTTERS LIST

MAP-LOT	*OWNER OF RECORD*
G-4-A-1	BEARINGS INC 6920 POINT INVERNESS WAY STE 301 FORT WAYNE, IN 46804
G-4-G-2	LITTLEWORTH/INDUSTRIAL PARK PROPERTIES L PO BOX 118 DOVER, NH 03821-0118
G-6-0-0	29 LITTLEWORTH ROAD LLC C/O NORTHERN POOL & SPA 291 HAROD DOW HIGHWAY ELIOT, ME 03903
G-6-B-0	HUTCHINGS WILLIS E 184 W HIGH ST SOMERSWORTH, NH 03878
G-28-1-D	THIBODEAU RAYMOND G & THIBODEAU JENNIFER C 37 LITTLEWORTH RD DOVER, NH 03820

CONSULTANTS

Surveyor:
McEneaney Survey Associates, Inc.
24 Chestnut St – PO Box 681
Dover, NH 03820
Tel: (603) 742-0911

Engineer:
Farwell Engineering Services, LLC
265 Wadleigh Falls Rd
Lee, NH 03861
603-552-2784



PLAN INDEX:

OWNERS SIGNATURE

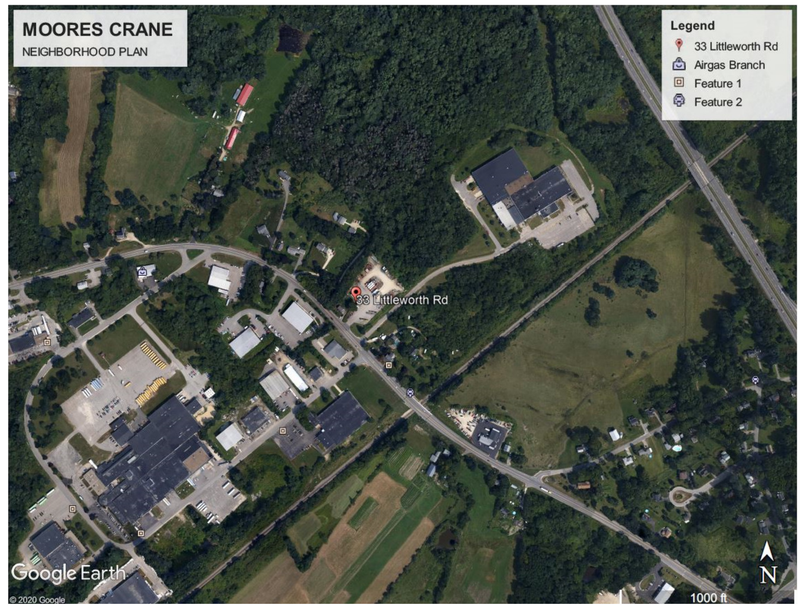
Hadley S. Moores MAP G LOT 6D

NOTES CONTINUED:

17. A PRE-CONSTRUCTION CONFERENCE WITH THE DEVELOPER, THE DESIGN ENGINEER, THE EARTHWORK CONTRACTOR AND THE CITY ENGINEER SHALL OCCUR PRIOR TO ANY EARTH DISTURBING ACTIVITY.

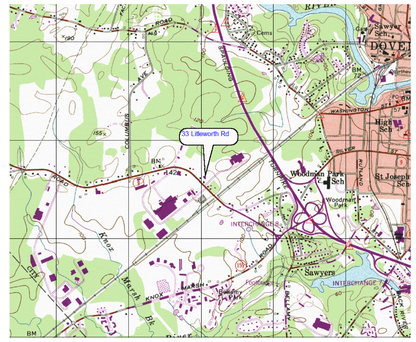
18. SITE CONSTRUCTION HOURS SHALL BE LIMITED TO MONDAY-FRIDAY 7 AM – 6 PM, SATURDAY AND SUNDAY 9 AM – 4 PM. HOURS OF CONSTRUCTION MUST BE DOCUMENTED ON A SITE CONSTRUCTION SIGN ALONG WITHTHE CONTACT INFORMATION FOR THE GENERAL CONTRACTOR. SAID SIGNAGE MUST BE LOCATED AND APPROVED BY THE CITY.

19. NHDOT DRIVEWAY PERMIT #PENDING.



NOT TO SCALE

TAX MAP – NOT TO SCALE



LOCUS
1" = 2000'

NOTES:

1. THE PURPOSE OF THIS PLAN IS TO CONSTRUCT A SINGLE STORY 60'X120' METAL ACCESSORY STORAGE BUILDING A 16' X 36' ADDITION TO THE EXISTING BUILDING.

2. OWNER OF RECORD, TAX MAP G LOT 6D:
33 LITTLEWORTH ROAD, LLC
33 LITTLEWORTH ROAD
DOVER, NH 03820
SCRD 4732/893

3. THE PROJECT PARCEL CONTAINS 100135 SF – 2.30 AC.

4. ALL APPLICABLE RIGHT OF WAY, CONSERVATION, SLOPE, CONSTRUCTION, POWER LINE, CROSS TRAVEL, OR OTHER EASEMENTS ARE NOTED ON THE EXISTING CONDITIONS PLAN.

5. THE SUBJECT PARCEL IS NOT LOCATED WITHIN A FEDERALLY DESIGNATED FLOOD HAZARD AREA AS SHOWN ON FLOOD INSURANCE RATE MAP 33017C0310D; EFFECTIVE DATE MAY 17, 2005..

6. SUBJECT PARCEL IS LOCATED IN THE INOVATIVE TECHNOLOGY DISTRICT (IT).

PRINCIPAL BUILDING:	
FRONT BUILDING TO LINES	50 FEET
SIDE BUILDING TO LINE	50 FEET
REAR BUILDING	50 FEET
MAX. BUILDING HEIGHT	55 FEET
OUTBUILDING/ACCESSORY USE	
FRONT SETBACK	50 FEET
ABUT A STREET SETBACK	50 FEET
SIDE SETBACK	10 FEET
REAR SETBACK	10 FEET
PARKING	25 FEET
MAXIMUM LOT COVERAGE	33%
PROPOSED BUILDING COVERAGE	=10,618 SF (11%)
PROPOSED OPEN SPACE	= 30,000 (30%)

7. PROPERTY LINE INFORMATION HAS BEEN OBTAINED FROM A SURVEY PERFORMED BY MCENEANEY SURVEY ASSOCIATES INC. IN OCTOBER OF 2016 WITH AN ERROR OF CLOSURE OF LESS THAN 1 IN 10,000. TOPO GRAPHIC INFORMATION OBTAINED AT THE SAME TIME. ELEVATION BASED ON NGVD 1929.

8. PARKING SPACES REQUIRED.
OFFICE SPACE 1440 SF – 1/300 = 5 SPACES
INDUSTRIAL 2160 SF+ 7200 SF = 9360 SF
PARKING 1/800 SF = 12 SPACES
TOTAL MAX PARKING = 17 SPACES

9. AS-BUILT PLANS OF THE SITE SHALL BE SUBMITTED ON A REPRODUCIBLE MYLAR MEDIUM AND IN A DIGITAL DXF FORMAT ON DISK TO THE CITY OF DOVER ENGINEERS OFFICE UPON COMPLETION OF THE PROJECT. AS-BUILTS SHALL BE PREPARED AND CERTIFIED CORRECT BY A LLS OR PE.

10. EXTERIOR LIGHTING SHALL BE MOUNTED ON THE BUILDING AND SHALL PROVIDE LIGHTING DIRECTED ON SITE ONLY.

11. THE PROPOSED STRUCTURE WILL NOT BE SERVED BY A SPRINKLER SYSTEM.

12. A LETTER OF CREDIT FOR THE COST OF REVEGETATING ALL DISTURBED AREAS ON SITE SHALL BE SUBMITTED PRIOR TO ANY EARTH DISTURBING ACTIVITY OCCURS.

13. A SECURITY SYSTEM SHALL BE INSTALLED AS REQUIRED BY CHAPTER 58, ARTICLE I SECTION 58-2 OF THE CODE OF THE CITY OF DOVER.

14. ALL ON SITE UTILITIES SHALL BE INSTALLED UNDERGROUND.

15. THE SUBJECT PARCEL IS SERVED BY MUNICIPAL WATER – SEWER IS AN ONSITE LEACHING SYSTEM.

15. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO APPLICABLE CITY AND STATE CODES.

16. BACKFLOW PREVENTORS SHALL BE PROVIDED FOR BOTH FIRE AND DOMESTIC WATER LINES.

PB FILE # P20-68

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STATE OF NEW HAMPSHIRE – TOBIN K FARWELL No. 9649 LICENSED PROFESSIONAL ENGINEER

ISSUED FOR: SITE PLAN REVIEW

ISSUE DATE: AUGUST 12, 2020

FILE NAME: 2044-MOORES

NO.	DATE	DESCRIPTION	
2	3/23/21	TRC COMMENTS	TKF
1	DATE	INITIAL SUBMISSION	TKF
NO.	DATE	DESCRIPTION	BY

SCALE: 1" = 20'

OWNER/APPLICANT:
MOORES CRANE RENTAL
33 LITTLEWORTH RD
DOVER NH 03861

PROJECT:
STORAGE BUILDING
33 LITTLEWORTH RD
TAX MAP G
LOT 6D
DOVER, NEW HAMPSHIRE

TITLE:
COVER SHEET

SHEET NUMBER:
C-1

PROJECT NAME AND LOCATION

MOORES CRANE RENTAIL
33 LITTLEWORTH RD
DOVER, NH

DESCRIPTION

PROPOSED 60 FT X 120 FT ACCESSORY STORAGE BUILDING – PROPOSED 16 FT X36 FT ADDITION TO EXISTING BUILDING – DRAINAGE IMPROVEMENTS.

DISTURBED AREA

THE TOTAL AREA TO BE DISTURBED IS APPROXIMATELY 55,000 sf± (1.3 AC.±)

SEQUENCE OF MAJOR ACTIVITIES

1. PERIMETER CONTROLS SHALL BE INSTALLED PRIOR TO EARTH MOVING OPERATIONS
2. GRUB SITE AND HAUL STUMPS OFF SITE.
3. ALL DITCHES AND SWALES SHALL BE STABLIZED PRIOR TO DIRECTING RUNOFF TO THEM.
4. ALL PARKING AREA SHALL BE STABILIZED WITH 72 HRS OF ACHIEVEING FINISHED GRADE.
5. ALL CUT AND FILL SLOPES SHALL BE SEEDED/LOAMED WITHIN 72 HRS OF ACHIEVING FINISHED GRADE.
6. ALL EROSION CONTROLS SHALL BE INSPECTED WEEKLY AND AFTER EVERY 1/2" OF RAINFALL.

TEMPORARY EROSION AND SEDIMENT CONTROLS AND STABILIZATION PRACTICES

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES THE SILT FENCES/SILT SOCK SHALL BE INSTALLED PRIOR TO COMMENCING ANY CLEARING OR GRADING OF THE SITE. STRUCTURAL CONTROLS SHALL BE INSTALLED CONCURRENTLY WITH THE APPLICABLE ACTIVITY. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN TWENTY EIGHT (28) DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN TWENTY–ONE (21) DAYS OF THE LAST DISTURBANCE. ONCE CONSTRUCTION ACTIVITY IS COMPLETED IN AN AREA, SILT FENCES/SILT SOCK, BARRIERS AND ANY EARTH/DIKES WILL BE REMOVED ONCE PERMANENT MEASURES ARE ESTABLISHED.

DURING CONSTRUCTION, RUNOFF WILL BE DIVERTED AROUND THE SITE WITH STABILIZED CHANNELS WHERE POSSIBLE. SHEET RUNOFF FROM THE SITE WILL BE FILTERED THROUGH SILT FENCES/SILT SOCK.

INSTALLATION, MAINTENANCE AND INSPECTION PROCEDURES FOR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES

A. GENERAL

THESE ARE THE GENERAL INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO IMPLEMENT THE PLAN.

1. THE SMALLEST PRACTICAL PORTION OF THE SITE WILL BE DENUDED AT ONE TIME.
2. ALL CONTROL MEASURES WILL BE INSPECTED AT LEAST ONCE EACH WEEK AND FOLLOWING ANY STORM EVENT OF 0.5 INCHES OR GREATER.
3. ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS.
4. BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE OR HAY BALE BARRIERS WHEN IT HAS REACHED ONE THIRD THE HEIGHT OF THE FENCE OR BALE, OR WHEN "BULGES" OCCUR.
5. ALL DIVERSION DIKES WILL BE INSPECTED AND ANY BREACHES PROMPTLY REPAIRED.
6. TEMPORARY SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND UNHEALTHY GROWTH.
7. A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION.
8. THE CONTRACTOR'S SITE SUPERINTENDENT WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE REPORT.
9. THE OWNER'S AUTHORIZED ENGINEER SHALL INSPECT THE SITE ON A PERIODIC BASIS TO ASSURE COMPLIANCE WITH THE PLANS.

B. MULCHING

1. TIMING
   MULCHING – MULCH SHOULD BE USED ON HIGHLY ERODIBLE SOILS, ON CRITICALLY ERODING AREAS, ON AREAS WHERE CONSERVATION OF MOISTURE WILL FACILITATE PLANT ESTABLISHMENT, AND WHERE SHOWN ON THE PLANS. IN ORDER FOR MULCH TO BE EFFECTIVE, IT MUST BE IN PLACE PRIOR TO MAJOR STORM EVENTS. THERE ARE TWO (2) TYPES OF STANDARDS WHICH SHALL BE USED TO ASSURE THIS.
   A. APPLY MULCH PRIOR TO ANY STORM EVENT. THIS IS APPLICABLE WHEN WORKING WITHIN 100 FEET OF WETLANDS. IT WILL BE NECESSARY TO CLOSELY MONITOR WEATHER PREDICTIONS, USUALLY BY CONTACTING THE NATIONAL WEATHER SERVICE IN CONCORD, TO HAVE ADEQUATE WARNING OF SIGNIFICANT STORMS.
   B. REQUIRED MULCHING WITHIN A SPECIFIED TIME PERIOD. THE TIME PERIOD CAN RANGE FROM 21 TO 28 DAYS OF INACTIVITY ON A AREA, THE LENGTH OF TIME VARYING ACCORDING TO SITE CONDITIONS. PROFESSIONAL JUDGMENT SHALL BE USED TO EVALUATE THE INTERACTION OF SITE CONDITIONS (SOIL ERODIBILITY, SEASON OF YEAR, EXTENT OF DISTURBANCE, PROXIMITY TO SENSITIVE RESOURCES, ETC.) AND THE POTENTIAL IMPACT OF EROSION ON ADJACENT AREAS TO CHOOSE AN APPROPRIATE TIME RESTRICTION.
2. GUIDELINES FOR WINTER STABILIZATION.
   A. ALL PROPOSED POST–DEVELOPMENT VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH OR WHICH ARE DISTURBED AFTER OCTOBER 15TH SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHOR NETTING, ELSEWHERE. THE PLACEMENT 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.
   B. ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH OR WHICH ARE DISTURBED AFTER OCTOBER 15TH SHALL BE STABILIZED WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
   C. AFTER NOVEMBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES SHALL BE PROTECTED WITH A MINIMUM OF 3–INCHES OF CRUSHED GRAVEL PER NHDOT ITEM 304.3 OR IF CONSTRUCTION IS TO CONTINUE THROUGH THE WINTER SEASON BE CLEARED OF ANY ACCUMULATED SNOW AFTER EACH STORM EVENT.
3. MAINTENANCE
   ALL MULCHES MUST BE INSPECTED PERIODICALLY, IN PARTICULAR AFTER RAINSTORMS, TO CHECK FOR RILL EROSION. IF LESS THAN 90% OF THE SOIL SURFACE IS COVERED BY MULCH, ADDITIONAL MULCH SHALL BE IMMEDIATELY APPLIED.

C. TEMPORARY GRASS COVER

1. SEEDBED PREPARATION
   APPLY FERTILIZER AT THE RATE OF 600 POUNDS PER ACRE OF 10–10–10. APPLY LIMESTONE (EQUIVALENT TO 50 PERCENT CALCIUM PLUS MAGNESIUM OXIDE) AT A RATE OF THREE (3) TONS PER ACRE.
2. SEEDING
   A. UTILIZE ANNUAL RYE GRASS AT A RATE OF 40 LBS/ACRE.
   B. WHERE THE SOIL HAS BEEN COMPACTED BY CONSTRUCTION OPERATIONS, LOOSEN SOIL TO A DEPTH OF TWO (2) INCHES BEFORE APPLYING FERTILIZER, LIME AND SEED.
   C. APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, OR HYDROSEEDER (SLURRY INCLUDING SEED AND FERTILIZER). HYDROSEEDINGS, WHICH INCLUDE MULCH, MAY BE LEFT ON SOIL SURFACE. SEEDING RATES MUST BE INCREASED 10% WHEN HYDROSEEDING.
3. MAINTENANCE
   TEMPORARY SEEDINGS SHALL BE PERIODICALLY INSPECTED. AT A MINIMUM, 95% OF THE SOIL SURFACE SHOULD BE COVERED BY VEGETATION. IF ANY EVIDENCE OF EROSION OR SEDIMENTATION IS APPARENT, REPAIRS SHALL BE MADE AND OTHER TEMPORARY MEASURES USED IN THE INTERIM (MULCH, FILTER BARRIERS, CHECK DAMS, ETC.).

D. FILTERS

1. SILT FENCE
   A. SYNTHETIC FILTER FABRIC SHALL BE A PERVIOUS SHEET OF PROPYLENE, NYLON, POLYESTER OR ETHYLENE YARN AND SHALL BE CERTIFIED BY THE MANUFACTURER OR SUPPLIER AS CONFORMING TO THE FOLLOWING REQUIREMENTS:

SILT FENCE PROPERTIES		
PHYSICAL PROPERTY	TEST	REQUIREMENTS
GRABE TENSILE	ASTM–D–4632	95/80 LB
PUNCTURE	ASTM–D–4833	45 LB
FLOW RATE	ASTM–D–4491	5 GAL/MIN/SF
UV RESISTANCE	ASTM D–4751	80%
GRAB ELONGATION	ASTM D–4632	20/25%

* Requirements reduced by 50 percent after six (6) months of installation.

SYNTHETIC FILTER FABRIC SHALL CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM OF SIX (6) MONTHS OF EXPECTED USABLE CONSTRUCTION LIFE AT A TEMPERATURE RANGE OF 0 DEGREES F TO 120° F.

B. POSTS SHALL BE SPACED A MAXIMUM OF TEN (10) FEET APART AT THE BARRIER LOCATION OR AS RECOMMENDED BY THE MANUFACTURER AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 16 INCHES).

C. A TRENCH SHALL BE EXCAVATED APPROXIMATELY SIX (6) INCHES WIDE AND SIX (6) INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.

D. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST ONE (1) INCH LONG, TIE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND NO MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACES.

E. THE "STANDARD STRENGTH" FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND SIX (6) INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.

F. WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF ITEM (G) APPLYING.

G. THE TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC.

H. SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE BUT NOT BEFORE THE UPSLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED.

2. SEQUENCE OF INSTALLATION

SEDIMENT BARRIERS SHALL BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE OF THE CONTRIBUTINGDRAINAGE UPSLOPE OF THEM.

3. MAINTENANCE

A. SILT FENCE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. THEY SHALL BE REPAIRED IF THERE ARE ANY SIGNS OF EROSION OR SEDIMENTATION BELOW THEM. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. IF THERE ARE SIGNS OF UNDERCUTTING AT THE CENTER OR THE EDGES, OR IMPOUNDING OF LARGE VOLUMES OF WATER, THE SEDIMENT BARRIERS SHALL BE REPLACED WITH A TEMPORARY CHECK DAM.

B. SHOULD THE FABRIC ON A SILT FENCE FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.

C. SEDIMENT DEPOSITS MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE THIRD (1/3) THE HEIGHT OF THE BARRIER.

D. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR HAY BALE BARRIER IS NO LONGER REQUIRED SHALL BE REMOVED. THE AREA SHALL BE PREPARED AND SEEDED.

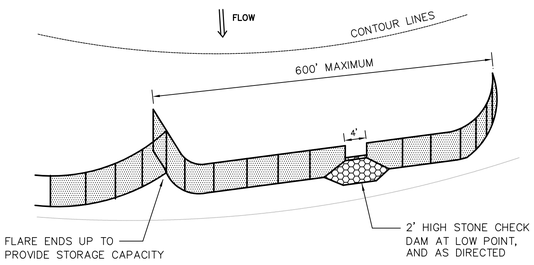
E. ADDITIONAL STONE MAY HAVE TO BE ADDED TO THE CONSTRUCTION ENTRANCE, ROCK BARRIER STONE LINED SWALES, ETC., PERIODICALLY TO MAINTAIN PROPER FUNCTION OF THE EROSION CONTROL STRUCTURE.

E. PERMANENT SEEDING:

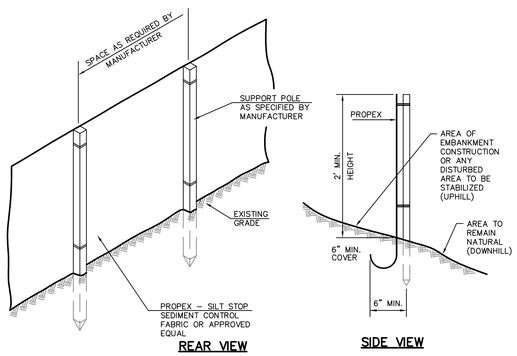
1. BEDDING – STONES LARGER THAN 1", TRASH, ROOTS, AND OTHER DEBRIS THAT WILL INTERFERE WITH SEEDING AND FUTURE MAINTENANCE OF THE AREA SHOULD BE REMOVED. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF 4" TO PREPARE A SEEDBED AND MIX FERTILIZER INTO THE SOIL.
2. FERTILIZER – LIME AND FERTILIZER SHOULD BE APPLIED EVENLY OVER THE AREA PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL. KINDS 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 APPLIED: AGRICULTURAL LIMESTONE @ 100 LBS. PER 1,000 S.F. 10–20–20 FERTILIZER @ 12 LBS. PER 1,000 S.F. SEED MIXTURE (RECOMMENDED):
3. GRASS SEED: PROVIDE FRESH, CLEAN, NEW–CROP SEED COMPLYING WITH TOLERANCE FOR PURITY AND GERMINATION ESTABLISHED BY OFFICIAL SEED ANALYSTS OF NORTH AMERICA. PROVIDE SEED MIXTURE COMPOSED OF GRASS SPECIES, PROPORTIONS AND MINIMUM PERCENTAGES OF PURITY AS SPECIFIED.

Name	Proportion by Weight	% Germination
Baron Bluegrass	20%	80
Kentucky Bluegrass	20%	80
Creeping Red Fescue	35%	85
Champion Perennial Ryegrass	25%	90

4. SODDING – SODDING IS DONE WHERE IT IS DESIRABLE TO RAPIDLY ESTABLISH COVER ON A DISTURBED AREA. SODDING AN AREA MAY BE SUBSTITUTED FOR PERMANENT SEEDING PROCEDURES ANYWHERE ON SITE. BED PREPARATION, FERTILIZING, AND PLACEMENT OF SOD SHALL BE PERFORMED ACCORDING TO THE S.C.S. HANDBOOK. SODDING IS RECOMMENDED FOR STEEP SLOPED AREAS, AREAS IMMEDIATELY ADJACENT TO A SENSITIVE WATER COURSE, EASILY ERODIBLE SOILS (FINE SAND/SILT) ETC.



SILT FENCE LAYOUT
NOT TO SCALE



SILT FENCE DETAIL
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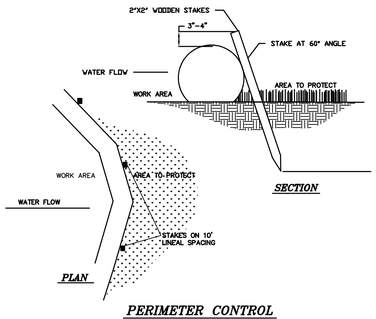
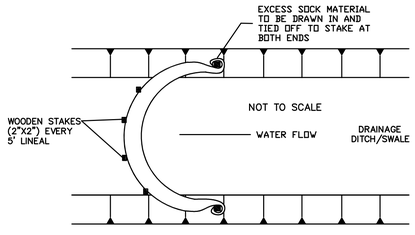


PERIMETER CONTROL



DITCH CHECK

NOTE: FOLLOW MANUFACTURER'S SPECIFICATION
Modified from Filtrexx Standard Specification and Design Manual, Version 5.0, 2006

SILT SOCK DETAIL
NOT TO SCALE

PB FILE # P20–68

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STATE OF NEW HAMPSHIRE – TOBIN K FARWELL No. 9649 – LICENSED PROFESSIONAL ENGINEER

NO.	DATE	DESCRIPTION	BY
2	3/23/21	TRC COMMENTS	TKF
1	DATE	INITIAL SUBMISSION	TKF

ISSUED FOR: SITE PLAN REVIEW

ISSUE DATE: AUGUST 12, 2020

FILE NAME: 2044–MOORES

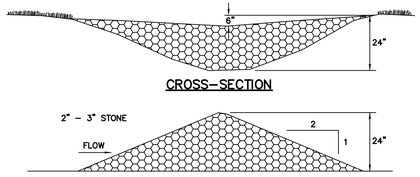
SCALE: NTS

OWNER/APPLICANT:
MOORES CRANE RENTAL
33 LITTLEWORTH RD
DOVER NH 03861

PROJECT:
STORAGE BUILDING
33 LITTLEWORTH RD
TAX MAP C
LOT 6D
DOVER, NEW HAMPSHIRE

TITLE: DETAILS

SHEET NUMBER: D–2



CROSS-SECTION

STRUCTURE DETAIL

SPACING BETWEEN STRUCTURES

1. L = DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION

2. CHECK DAM SHALL BE CONSTRUCTED OF 2" TO 3" STONE WITH COMPLETE COVERAGE OF DITCH OR SWALE TO INSURE THAT THE CENTER OF THE STRUCTURE IS LOWER THAN THE EDGES.

MAINTENANCE

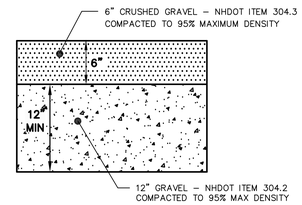
TEMPORARY GRADE STABILIZATION STRUCTURES SHOULD BE CHECKED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED STORMS. ANY NECESSARY REPAIRS SHOULD BE MADE IMMEDIATELY. PARTICULAR ATTENTION SHOULD BE GIVEN TO END RUN AND EROSION AT THE DOWNSTREAM TOE OF THE STRUCTURE. WHEN THE STRUCTURES ARE REMOVED, THE DISTURBED PORTION SHOULD BE BROUGHT TO THE EXISTING CHANNEL GRADE AND THE AREAS PREPARED, SEEDED, AND MULCHED. WHILE THIS PRACTICE IS NOT INTENDED TO BE USED PRIMARILY FOR SEDIMENT TRAPPING, SOME SEDIMENT WILL ACCUMULATE BEHIND THE STRUCTURES. SEDIMENT SHALL BE REMOVED FROM BEHIND THE STRUCTURES WHEN IT HAS ACCUMULATED TO ONE HALF OF THE ORIGINAL HEIGHT OF THE STRUCTURE.

CONSTRUCTION SPECIFICATIONS

1. STRUCTURES SHALL BE INSTALLED ACCORDING TO THE DIMENSIONS SHOWN ON THE PLANS AT THE APPROPRIATE SPACING.
2. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER SO THAT EROSION AND AIR AND WATER POLLUTION WILL BE MINIMIZED.
3. SEEDING, FERTILIZING, AND MULCHING SHALL CONFORM TO THE RECOMMENDATIONS IN THE APPROPRIATE VEGETATIVE BMP.
4. STRUCTURES SHALL BE REMOVED FROM THE CHANNEL WHEN THEIR USEFUL LIFE HAS BEEN COMPLETED.

STONE CHECK DAM DETAIL

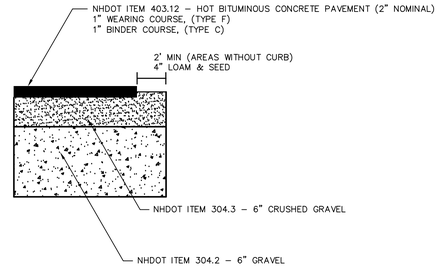
NOT TO SCALE



NOTE:
ALL LOAM AND YIELDING MATERIAL SHALL BE REMOVED TO A DEPTH OF NO LESS THAN 24" BELOW FINISHED GRADE. INSTALL COMPACTED GRANULAR MATERIAL TO SUBGRADE AS NEEDED.

GRAVEL PARKING DETAIL

NOT TO SCALE



PAVEMENT DETAIL

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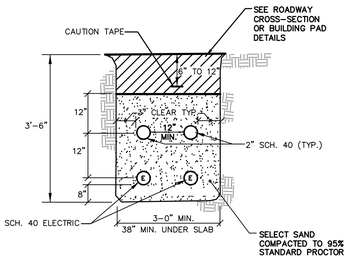
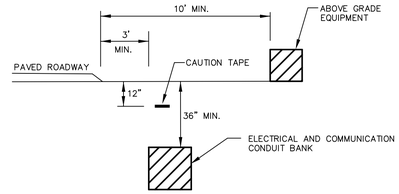


1. ALL CONDUIT IS TO BE SCHEDULE 40 PVC, ELECTRICAL GRADE, GRAY IN COLOR AND INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS. A 10-FOOT HORIZONTAL SECTION OF RIGID GALVANIZED STEEL CONDUIT WILL BE REQUIRED AT EACH SWEEP, UNLESS IN THE OPINION OF THE PSNH DESIGNER, THE SWEEP-PVC JOINT IS NOT SUBJECT TO FAILURE DURING PULLING OF THE CABLE. ALL JOINTS ARE TO BE WATERTIGHT.
2. ALL 90 DEGREE SWEEPS WILL BE MADE WITH RIGID GALVANIZED STEEL WITH A MINIMUM RADIUS OF 36 INCHES FOR PRIMARY CABLES AND 24 INCHES FOR SECONDARY CABLES.
3. BACKFILL MAY BE MADE WITH EXCAVATED MATERIAL OR COMPARABLE, UNLESS MATERIAL IS DEEMED UNSUITABLE BY PSNH. BACKFILL SHALL BE FREE OF FROZEN LUMPS, ROCKS, DEBRIS, AND RUBBISH. ORGANIC MATERIAL SHALL NOT BE USED AS BACKFILL. BACKFILL SHALL BE IN 6-INCH LAYERS AND THOROUGHLY COMPACTED.
4. A SUITABLE PULLING STRING, CAPABLE OF 300 POUNDS OF PULL, MUST BE INSTALLED IN THE CONDUIT BEFORE PSNH IS NOTIFIED TO INSTALL CABLE. THE STRING SHOULD BE BLOWN INTO THE CONDUIT AFTER THE RUN IS ASSEMBLED TO AVOID BONDING THE STRING TO THE CONDUIT.
5. PSNH MUST BE GIVEN THE OPPORTUNITY TO INSPECT THE CONDUIT PRIOR TO BACKFILL. THE CONTRACTOR IS RESPONSIBLE FOR ALL REPAIRS SHOULD PSNH BE UNABLE TO INSTALL ITS CABLE IN A SUITABLE MANNER.
6. NORMAL CONDUIT SIZES FOR PSNH ARE 3-INCH FOR SINGLE PHASE PRIMARY AND SECONDARY VOLTAGE CABLES, 4-INCH FOR THREE PHASE SECONDARY, AND 5-INCH FOR THREE PHASE PRIMARY.
7. ROUTING OF CONDUIT, LOCATION OF MANHOLES, TRANSFORMERS, CABINETS, HANDHOLES, ETC., WILL BE DETERMINED BY PSNH DESIGN PERSONNEL.
8. ALL CONDUIT INSTALLATIONS MUST CONFORM TO THE CURRENT EDITION OF THE NATIONAL ELECTRIC SAFETY CODE, STATE AND LOCAL CODES AND ORDINANCES, AND WHERE APPLICABLE, THE NATIONAL ELECTRIC CODE.
9. UNDER THE BUILDING SLAB THE CONDUIT SHALL BE ENCASED IN 8" OF CONCRETE ON ALL SIDES.

ELECTRIC/COMMUNICATION CONDUIT TRENCH SECTION

NOT TO SCALE

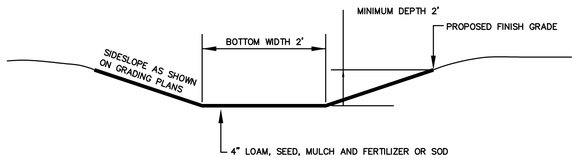
ELECT-TRNCH-PSNH.dwg



ELECTRICAL AND COMMUNICATION CONDUIT SIZE, MATERIALS AND SPACING SHALL BE IN ACCORDANCE WITH THE APPLICABLE UTILITY COMPANY STANDARDS.

UNDERGROUND CONDUIT BANK DETAIL

NOT TO SCALE



NOTES:

1. THE FOUNDATION AREA OF THE WATERWAY SHALL BE CLEARED AND GRUBBED OF ALL TREES, BRUSH, STUMPS, AND OTHER OBJECTIONABLE MATERIAL. MATERIALS REMOVED SHALL BE DISPOSED OF SO THEY WILL NOT INTERFERE WITH THE CONSTRUCTION OR PROPER FUNCTIONING OF THE WATERWAY.
2. THE WATERWAY SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE AND CROSS SECTION AS REQUIRED TO MEET THE DESIGN CRITERIA. THE WATERWAY SHALL BE FREE OF IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
3. EARTH FILLS REQUIRED TO MEET SUBGRADE REQUIREMENTS BECAUSE OF OVER EXCAVATION OR TOPOGRAPHY SHALL BE COMPACTED TO THE SAME DENSITY AS THE SURROUNDING SOIL TO PREVENT UNEQUAL SETTLEMENT THAT COULD CAUSE DAMAGE TO THE COMPLETED WATERWAY. EARTH REMOVED AND NOT NEEDED IN CONSTRUCTION SHALL BE SPREAD OR DISPOSED OF SO IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE WATERWAY.
4. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER AS TO MINIMIZE EROSION AND AIR AND WATER POLLUTION. ALL APPROPRIATE STATE AND LOCAL LAWS AND REGULATIONS SHALL BE COMPLIED WITH FOR INSTALLATION.
5. VEGETATION SHALL BE ESTABLISHED IN THE SWALE PRIOR TO ALLOWING STORMWATER RUNOFF TO FLOW THROUGH THE SWALE.
6. MAINTENANCE OF THE VEGETATION IN THE GRASSED WATERWAY IS EXTREMELY IMPORTANT IN ORDER TO PREVENT RILLING, EROSION, AND FAILURE OF THE WATERWAY. MOWING SHOULD BE DONE FREQUENTLY ENOUGH TO CONTROL ENCROACHMENT OF WEEDS AND WOODY VEGETATION AND TO KEEP THE GRASSES IN A VIGOROUS CONDITION. THE VEGETATION SHOULD NOT BE MOWED TOO CLOSELY SO AS TO REDUCE THE EROSION RESISTANCE IN THE WATERWAY.
7. THE WATERWAY SHOULD BE INSPECTED PERIODICALLY AND AFTER EVERY MAJOR STORM TO DETERMINE THE CONDITION OF THE WATERWAY. RILLS AND DAMAGED AREAS SHOULD BE PROMPTLY REPAIRED AND REVEGETATED AS NECESSARY TO PREVENT FURTHER DETERIORATION.
8. PERIODIC APPLICATIONS OF LIME AND FERTILIZER MAY BE NEEDED TO MAINTAIN VIGOROUS GROWTH.

GRASSED SWALE

NOT TO SCALE

PB FILE # P20-68

FARWELL ENGINEERING SERVICES, LLC
265 WADLEIGH FALLS ROAD
LEE, NEW HAMPSHIRE 03824
PH: 603-292-5787
WWW.FARWELLENGINEERING.COM

STATE OF NEW HAMPSHIRE – TOBIN K. FARWELL No. 9649 LICENSED PROFESSIONAL ENGINEER

ISSUED FOR: SITE PLAN REVIEW

ISSUE DATE: AUGUST 12, 2020

FILE NAME: 2044-MOORES

NO.	DESCRIPTION	DATE
2	TRC COMMENTS	3/23/21
1	INITIAL SUBMISSION	TKF
		TKF
		BY

SCALE: NTS

OWNER/APPLICANT:

MOORES CRANE RENTAL
33 LITTLEWORTH RD
DOVER NH 03861

PROJECT:

STORAGE BUILDING
33 LITTLEWORTH RD
TAX MAP G
LOT 6D
DOVER, NEW HAMPSHIRE

TITLE:

DETAILS

SHEET NUMBER:

D-1

LITTLEWORTH ROAD – NH ROUTE 9

"C.I.W."

0 20 40 60

ACCESSORY BUILDING SETBACK 10 FEET

BOTTOM ELEVATION 123.5

OVERFLOW ELEVATION 125.5

250ft

60ft

1.25" GAS LINE

DUMPSTER

2" ELECTRIC CONDUIT

PROPOSED 60' X 120' STEEL BUILDING FOR EQUIPMENT STORAGE

FINISH FLOOR ELEVATION 129.50

1 FLOOR WORK AREA (60'X36')

2 FLOORS OFFICE SPACE (20'X36')

14'x36' ADDITION

PROPOSED EDGE OF PAVEMENT

LIMITS OF LAYDOWN AREA

N44°14'8'02"W 319.40'

TIE INTO EXISTING GAS SERVICE LINE

EXISTING/EDGE OF PAVEMENT

EXISTING 1.25" GAS SERVICE LINE

EXISTING 3/4" WATER SERVICE

SEPTIC LINE

100,135 S.F. 2.30 Ac. LOT G/6D

PROPOSED 5.5'-6' SPRUCE TREE (TYPICAL)

REFUELING STATION 2000 GALLON DIESEL FUIEL ONLY FMO-117060005/13

EDGE OF GRAVEL

EQUIPMENT PARKING

LIMITS OF LAYDOWN AREA

SWALE SLOPE 1% BOTTOM WIDTH 2 FEET SIDE SLOPES 2:1

LEACHFIELD AREA CA 202104

PVC VENT ELECTRIC PANEL

DRAINAGE EASEMENT

N45°29'58"E 400.00'

N44°48'02"W 600.00'

DRIVE TO L&P ALUMINUM HOLDINGS, LLC

16.0' 20.0' 13.6'

VEHICLE WHEEL INFORMATION:

LEGEND

- 2' CONTOUR
- 10' CONTOUR
- STONEWALL
- UTILITY POLE
- EDGE OF GRAVEL
- PROPOSED CONTOUR
- EDGE OF PAVEMENT
- SILT FENCE/SILT SOXX
- PROPOSED CONTOUR
- PROPOSED ELECTRIC
- RIP RAP

PB FILE # P20-68

FARWELL ENGINEERING SERVICES, LLC
265 WADLEIGH FALLS ROAD
LEE, NEW HAMPSHIRE 03824
PH: 603-292-5787
WWW.FARWELLENGINEERING.COM

STATE OF NEW HAMPSHIRE – TOBIN K FARWELL No. 9549 LICENSED PROFESSIONAL ENGINEER

NO.	DATE	DESCRIPTION	BY
2	3/23/21	TRC COMMENTS	TKF
1		INITIAL SUBMISSION	TKF

ISSUED FOR: SITE PLAN REVIEW

ISSUE DATE: AUGUST 12, 2020

FILE NAME: 2044-MOORES

SCALE: 1" = 20'

OWNER/APPLICANT:

MOORES CRANE RENTAL
33 LITTLEWORTH RD
DOVER NH 03861

PROJECT:

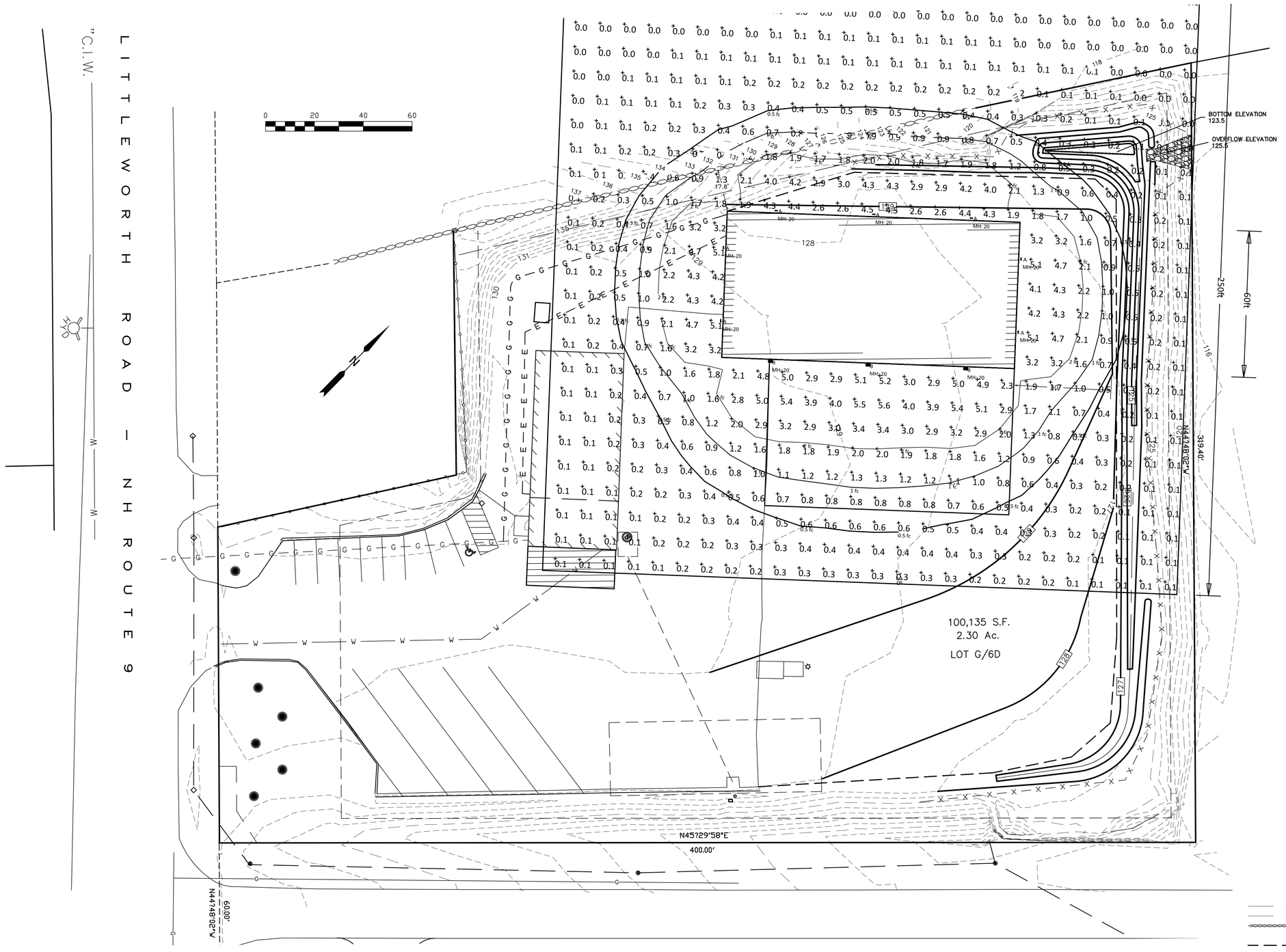
STORAGE BUILDING
33 LITTLEWORTH RD
TAX MAP G
LOT 6D
DOVER, NEW HAMPSHIRE

TITLE:

FIRE TRUCK PATH

SHEET NUMBER:

C-3



LEGEND

- 2' CONTOUR
- 10' CONTOUR
- STONEWALL
- UTILITY POLE
- EDGE OF GRAVEL
- PROPOSED CONTOUR
- EDGE OF PAVEMENT
- SILT FENCE/SILT SOXX
- PROPOSED CONTOUR
- PROPOSED ELECTRIC
- RIP RAP

PB FILE # P20-68

FARWELL ENGINEERING SERVICES, LLC
265 WADLEIGH FALLS ROAD
LEE, NEW HAMPSHIRE 03824
PH: 603-292-5787
WWW.FARWELLENGINEERING.COM

TOBIN K FARWELL No. 9549 LICENSED PROFESSIONAL ENGINEER – STATE OF NEW HAMPSHIRE

NO.	DATE	DESCRIPTION	BY
2	3/23/21	TRC COMMENTS	TKF
1	DATE	INITIAL SUBMISSION	TKF

ISSUED FOR: SITE PLAN REVIEW

ISSUE DATE: AUGUST 12, 2020

FILE NAME: 2044-MOORES

SCALE: 1" = 20'

OWNER/APPLICANT:

MOORES CRANE RENTAL
33 LITTLEWORTH RD
DOVER NH 03861

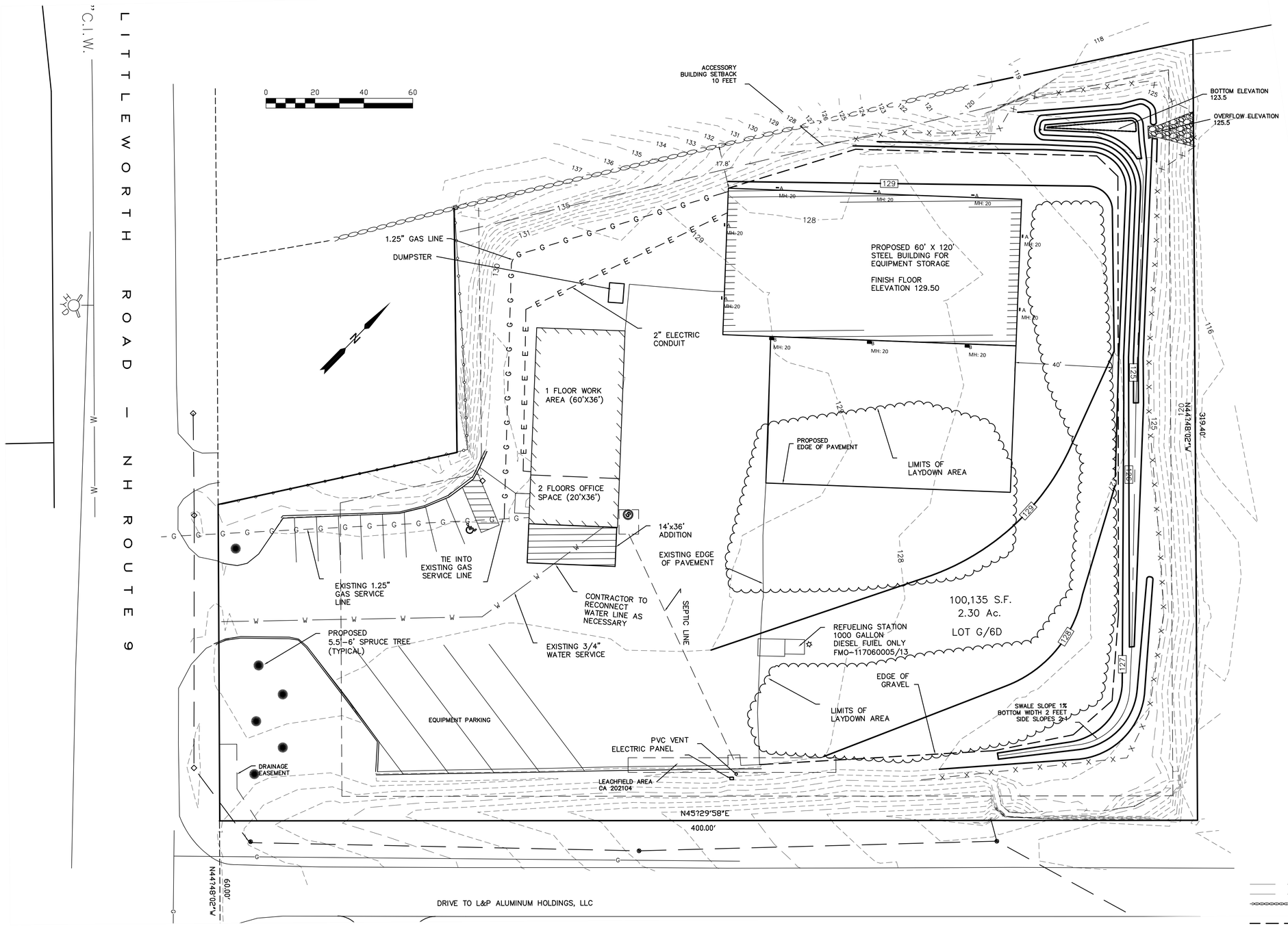
PROJECT:

STORAGE BUILDING
33 LITTLEWORTH RD
TAX MAP G
LOT 6D
DOVER, NEW HAMPSHIRE

TITLE:

LIGHTING PLAN

SHEET NUMBER: *C-4*



LEGEND

- 2' CONTOUR
- 10' CONTOUR
- STONEWALL
- UTILITY POLE
- EDGE OF GRAVEL
- PROPOSED CONTOUR
- EDGE OF PAVEMENT
- SILT FENCE/SILT SOXX
- PROPOSED GAS
- PROPOSED ELECTRIC
- RIP RAP

PB FILE # P20-68

FARWELL ENGINEERING SERVICES, LLC
265 WADLEIGH FALLS ROAD
LEE, NEW HAMPSHIRE 03824
PH: 603-292-5787
WWW.FARWELLENGINEERING.COM

STATE OF NEW HAMPSHIRE – TOBIN K FARWELL No. 9549 LICENSED PROFESSIONAL ENGINEER

NO.	DATE	DESCRIPTION	BY
2	4/7/21	TRC COMMENTS	TKF
1		INITIAL SUBMISSION	TKF

ISSUED FOR: SITE PLAN REVIEW

ISSUE DATE: AUGUST 12, 2020

FILE NAME: 2044-MOORES

SCALE: 1" = 20'

OWNER/APPLICANT:

MOORES CRANE RENTAL
33 LITTLEWORTH RD
DOVER NH 03861

PROJECT:

STORAGE BUILDING
33 LITTLEWORTH RD
TAX MAP G
LOT 6D
DOVER, NEW HAMPSHIRE

TITLE: *SITE PLAN*

SHEET NUMBER: *C-2*

EVERSOURCE
ENERGY

Feb 25, 2020

1700 Lafayette Road
Portsmouth, NH 03801

Michael J Busby
603-436-7708 x555-5678
michael.busby@eversource.com

Hadley Moores
33 littleworth Rd, LLC.
33 Littleworh Rd
Dover, NH 03820

Dear Hadley Moores:

I am responding to your request to confirm the availability of electric service for the proposed at 33 Littleworth Rd project being constructed for/by Moores Crane Rental.

The proposed project consists of a 1-story building with 0 residential units approximately 7200 Square Foot storage building s/f of retail/office space at the ground level and parking below grade. The proposed development will be constructed along on the existing site at 33 Littleworth Rd Street.

The developer will be responsible for the installation of all underground facilities and infrastructure required to service the new building. The service will be as shown on attached marked up Utility Plan ##. The proposed building service will be fed from ..... to be determined by Eversource Engineering as depicted on utility plan XX. The developer will work with Eversource to obtain all necessary easements and licenses for the proposed overhead/underground facilities listed above.

This letter serves as confirmation that Eversource has sufficient capacity in the area to provide service to this proposed development. The cost of extending service to the aforementioned location and any associated infrastructure improvements necessary to provide service will be borne by the developer unless otherwise agreed upon.

The attached drawing titled "Existing Site Conditions Utility Plan" dated 10/31/16, shows transformer locations to service your proposed project.

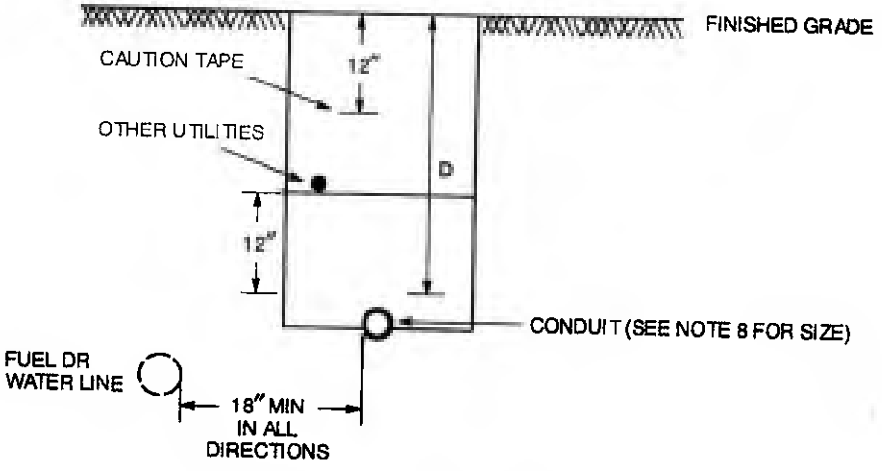
Eversource approves the locations shown; assuming the final installed locations meet all clearances, physical protection, and access requirements as outlined in Eversource's "Information & Requirements For Electric Supply" (https://www.eversource.com/content/docs/default-source/pdfs/requirements-for-electric-service-connections.pdf?sfvrsn=2).

If you require additional information or I can be of further assistance please do not hesitate to contact me at our Portsmouth Office, 603-436-7708 Ext. 555-5678

Respectfully.

Michael J. Busby, PE
NH Eastern Regional Engineering and Design Manager, Eversource

cc: (via e-mail)
Timothy Kenney, Eastern Region Operations Manager, Eversource
Mary Jo Hanson, Field Supervisor, Electric Design, Eversource



D = 36 inches for primary voltage cable
30 inches for secondary cables

Notes

1. All non-metallic conduit and fittings shall be electrical grade, Schedule 40 PVC, and shall conform to the applicable sections of NEMA TC2-1990 and be UL Listed. **Only gray-colored conduit will be accepted.** Any PVC conduit not having the proper NEMA and UL markings will not be accepted. All steel conduits shall conform to ASTM A120 and be rigid galvanized steel. All PVC conduit joints must be cemented. Steel fittings shall be sealed with compound.
2. All 90 degree sweeps will be made using rigid galvanized steel with a minimum radius of 24 inches for three inch, 36 inches for four and five inch, and 48 inches for six inch conduit. All steel sweeps within eighteen inches of surface shall be properly grounded.
3. A ten-foot horizonal sections of rigid galvanized steel conduit will be required at each sweep for primary. For secondary and services a ten-foot horizontal section if schedule 40 as per ANSI/NEMA TC2-1990.
4. The conduit should cross paved areas at approximately 90 degrees.
5. Backfill may be made with excavated material or comparable, unless material is deemed unsuitable by PSNH. Backfill shall be free of frozen lumps, rocks, debris, and rubbish. Organic material shall not be used as backfill. Backfill shall be thoroughly compacted in six-inch layers.
6. A suitable pulling string, capable of 200 pounds of pull, must be installed in the conduit before PSNH is notified to install cable. The string should be blown in to the conduit after the run is assembled to avoid bonding the string to the conduit.
7. Routing of the conduit and inspection prior to backfill will be provided by PSNH. Installation of the conduit will be done by the contractor. The PSNH supervisor must be notified two business days prior to backfilling the trench. In the event that a cable cannot be successfully pulled through the completed conduit system due to a construction error, it will be the contractor's responsibility to locate and repair the involved conduit. The contractor will be responsible for all resulting expenses.
8. Normal conduit sizes for PSNH are three-inch for single-phase primary and secondary voltage cables, four-inch for three-phase secondary, and five-inch for three-phase primary.
9. All conduit installations must conform to the current edition of the *National Electric Safety Code*, state and local codes and ordinances, and where applicable, the *National Electric Code*.

ORIGINAL 04/10/06	PRIMARY/SECONDARY CABLE INSTALLATION			NH
APPROVED 4/8/12	NORTHEAST UTILITIES	CONSTRUCTION STANDARD	DTR 50.102	3

Unitil

February 22nd, 2021
Moore's Crane
33 Littleworth Rd
Dover, NH 03820

RE: Natural gas service to New Building at 33 Littleworth Rd in Dover, NH 03820

Unitil's natural gas division has reviewed the requested site for natural gas service.

Unitil hereby confirms natural gas is available at 33 Littleworth Rd in Dover, NH 03820

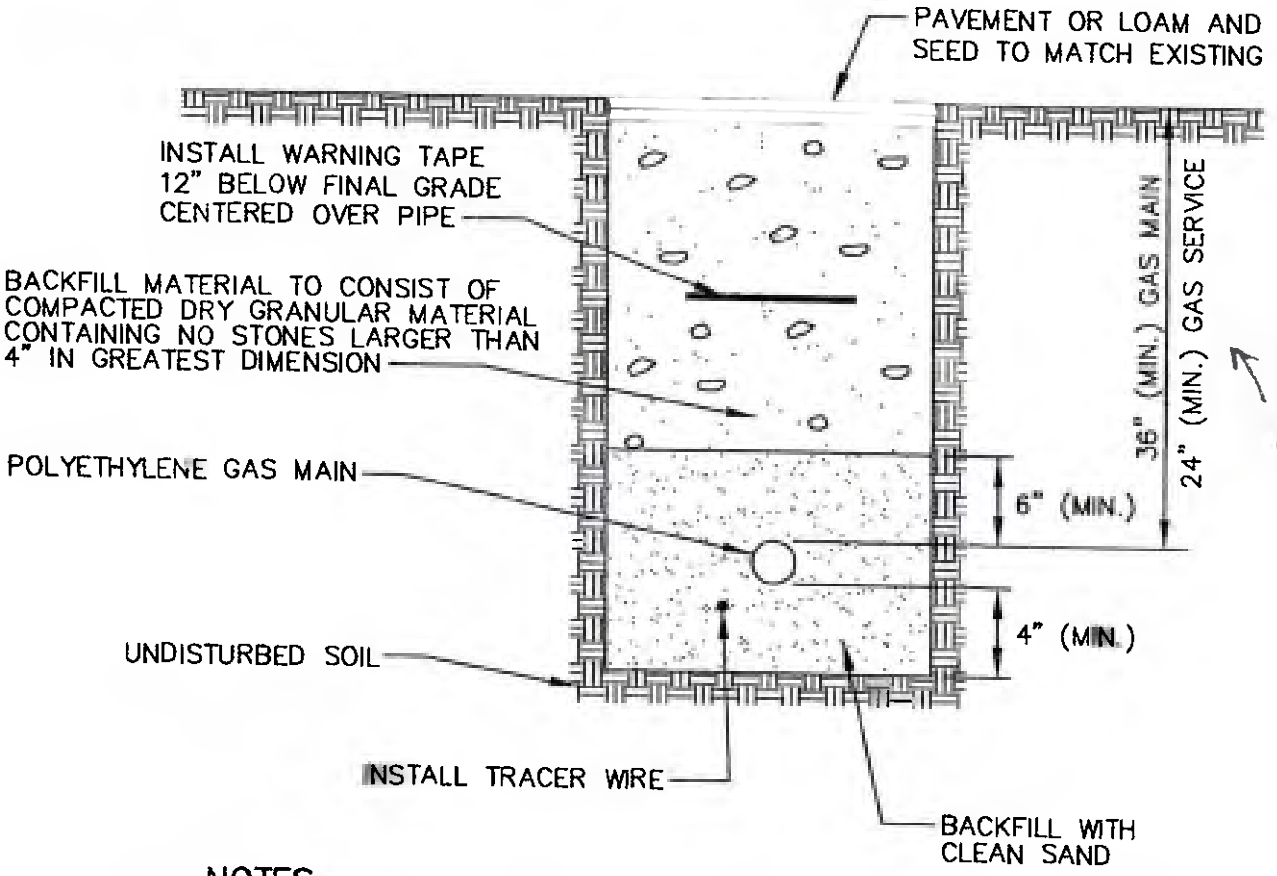
Please contact me with any questions at 603-534-2379.

Sincerely,

Dave MacLean
Senior Business Development Rep

Unitil

325 West Rd
Portsmouth, NH 03801
T 603.294.5261
M 603.534.2379
F 603.294.5264
Email macleand@unitil.com
www.unitil.com



NOTES:

1. ANY UNSUITABLE MATERIAL ENCOUNTERED SHALL BE REMOVED AND REPLACED WITH CLEAN GRANULAR FILL.
2. COORDINATE CONSTRUCTION WITH BAY STATE GAS COMPANY.

GAS TRENCH DETAIL

NOT TO SCALE

April 13, 2021

Donna Benton

City Planner

City of Dover, NH

288 Central Avenue Dover, NH 03820-4169

Letter of Transmittal

Dear Donna Benton,

Please find enclosed:

12 copies of the new driveway permit from the State of New Hampshire for 33 L:ittleworth RD. and the check for the rest of the APP fees.

Thankyou,

Hadley Moores

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION

District 6 Office, PO Box 740, Durham, NH 03824

Victaria F. Sheehan
Commissioner

William Cass, P.E.
Assistant Commissioner

DRIVEWAY PERMIT

To: Hadley Moores
Moores Crane Rental
33 Littleworth Road
Dover, NH 03820

City/Town:	Dover	Permit #:	06-125-416
Route/Road:	NH 9 (S0000009)	District:	06
Patrol Section:	606	Permit Date	4/13/2021
Tax Map:	G		
Lot:	6D		
Development:	Commerical		

Permission is hereby granted to construct (alter) a driveway, entrance, exit or approach adjoining NH 9 (S0000009), pursuant to the location and specifications as described below. Failure to adhere to the standards and engineering drawings previously approved shall render this instrument null and void. Failure to start or complete construction of said facility within one calendar year of the date of this permit shall require application for permit extension or renewal in accordance with the Driveway Access Rules. Facilities constructed in violation of the permit specifications or the rules, shall be corrected immediately upon notification by a Department representative. Any cost by the State to correct deficiencies shall be fully borne by the landowner. The landowner shall defend, indemnify and hold harmless the Department and its duly appointed agents and employees against any action for personal injury and/or property damage sustained by reason of the exercise of this permit.

06-125-416

Drive 1

Location: Approximately 0.04 miles west of Industtial Park Drive east on the north side of NH 9 (S0000009).
GPS: 43.188191 N 70.899261 W.

Specifications: This permit authorizes a paved access to be used as a Commercial drive. Any change in use, increase in use or reconstruction of the driveway requires reapplication.

The right-of-way line is located 33 feet from and parallel to the centerline of the highway.
The entrance shall be graded so that the surface of the drive drops 3 inches at a point 6 feet from NH 9 (S0000009) edge of pavement to create a drainage swale.

The driveway shall not exceed 35 feet in width. The entrance of the drive may be flared; typically the flare radius is one half the driveway width.

Other Conditions:

No structures, including buildings, permanent or portable signs, lights, displays, fences, walls, etc. shall be permitted on, over or under the Highway Right of Way.

No parking, catering or servicing shall be conducted within the Highway Right of Way.

The applicant shall comply with all applicable ordinances and regulations of the municipality or other State Agencies.

The Department has relied on the title and subdivision information provided by the landowner. The Department has not performed additional title research and makes no warranty or representation concerning landowner's legal right to access. In the event of a dispute about the landowner's legal right to the access provided herein, the landowner will defend and indemnify the Department.

All excavated topsoil, or in the absence of topsoil the top 6 inches of soil, within the limits of state ROW shall be properly re-used within the limits of the state ROW. All temporary stockpiles of the re-use material shall be located within the state ROW, or as otherwise approved by the District Engineer.

The Contractor shall be solely responsible for the handling, transport and disposal of any surplus material generated by their project and shall comply with all federal, state and local laws, ordinances and rules in doing so.

I/We, the contractor/Owner, certify that the property will not have any illicit unauthorized drainage connections to the NHDOT storm water drainage system. An illicit discharge is any direct or indirect discharge to the NHDOT drainage system that is not composed entirely of storm water. Illicit discharges include, without limitation, sewage, process wastewater, or wash water and any connections from floor drains, sinks, or toilets.

1.This permit is for access to a crane service business, an existing office (20 ft. by 36 ft.), a work area building (60 ft. by 36 ft.) and a proposed equipment storage building (60 ft. by 120ft)

2. The change in use of the existing driveway is permissible. See plans titled "Storage Building, 33 Littleworth Road, Tax Map G, Lot 6D, Dover, New Hampshire" prepared by Farwell Engineering Services, LLC. attached this permit and on file in this office.

3.There shall be no other additional points of access permitted within the frontage of this parcel of property. Other access to the highway from the premises is to be prevented. No part of the right-of-way may be used for any purpose other than travel.

4.The existing drainage along NH 9 shall be maintained.

5.All season safe sight distance shall be maintained by the landowner as per RSA 236.13.

6. This permit supersedes permit # 06-125-284 dated December 2, 1993.

7.The applicant will be responsible for mitigation should the future use of this driveway unfavorably impact the highway.

Approved _____
FOR District Engineer
For Director of Administration

Copies: District, Town, Patrolman

NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION

District 1, 641 Main St, Lancaster, NH 03584
District 2, 8 Eastman Hill Road, Enfield, NH 03748
District 3, 2 Sawmill Rd, Gilford, NH 03249
District 4, 19 Base Hill Road, Swanzey, NH 03446
District 5, 16 East Point Drive, Bedford, NH 03110
District 6, PO Box 740, Durham, NH 03824

APPLICATION FOR DRIVEWAY PERMIT

#8001

Pursuant to the provisions of **Revised Statutes Annotated, Chapter 236, Section 13** (printed on reverse of application) and amendments thereto, and **Declaratory Ruling 2000-01**, permission is requested to: (*select one*): ~~Construct / Alter~~ Existing (*Indicate quantity of*) 1 driveway entrance(s) to my property on the (*select*): **North / South / East / West** side of **NH Route** 9 or **Street/Road:** Littleworth Rd. In the **Town of** Dover NH 03878 at a location which will meet the requirements for safety specified in said statutes.

The driveway entrance(s) requested is (are) for access to: Existing Business
Residence, Industry, Business, Subdivision, Other

Describe nature and size of industry, business or subdivision: Crane Rental Company

.5 **Feet** (*select*): **North / South / East / West** of Utility Pole Number: PSNH FP114 1255

.5 **Feet** (*select Feet or Miles*) **North / South / East / West** of Road or Junction: 155

Town Tax Map # TAX MAP C and Lot # 6D

.04 MIL INVASIVE PAVE OR EXIS-

As the landowner (or designated applicant) I agree to the following:

1. To construct driveway entrance(s) only for the bonafide purpose of securing access to private property fronting the highway right-of-way is used for no purpose other than travel.
2. To construct driveway entrance(s) at permitted location(s).
3. To construct driveway entrance(s) in accordance with statutes, rules, standard drawings, and permit specifications as issued by the New Hampshire Department of Transportation.
4. To defend, indemnify and hold harmless the New Hampshire Department of Transportation and its duly appointed agents and employees against any action for personal injury and/or property damage sustained by reason of the exercise of this permit.
5. To furnish and install drainage structures that are necessary to maintain existing highway drainage and adequately handle increased runoff resulting from the land development and obtain all easements thereto.
6. I am the owner or a duly authorized agent of the owner of the parcel upon which the driveway will be constructed. I have provided accurate and complete title and subdivision information concerning the parcel to the Department. I understand that the Department is relying on this information in considering this application and that the Department does not perform independent title research or make judgments about title or access disputes.

RECEIVED
MAR 26 2021
DISTRICT 1

- For new driveway(s), include copy of current deed and, if not the same, previous deed dated prior to July 1, 1971 of the parcel. If this parcel is part of a larger tract subdivided after July 1, 1971, then provide complete subdivision plans and deed history dating back to at least July 1, 1971.
- Attach sketch or plan showing existing and proposed driveway(s) and the adjacent highway indicating distance to town road, town line, or other readily identifiable feature or landmark and also to the nearest utility pole (including pole numbers) PSNH FP114 1255

Hadley Moores
Signature of Landowner (Applicant)

Hadley Moores
Printed Name of Landowner

Date: Mar 9 2021

33 Littleworth Rd 03820
Mailing Address

Dover NH 03820
Town/City, State, Zip Code

Telephone Number(s) 603-742-0071

Contact /Agent, if not Landowner: Hadley@moorescrane.rental.com

FOR OFFICE USE ONLY:
GPS N = 43.188191 GPS W = 70.899261
Section: 606 Width: 35 Speed: _____
Right of Way: 66 Drainage: _____ SLD: _____
Conditions: _____
Permit Number Assigned: _____

3 7

§ 236:13 Driveways and Other Accesses to the Public Way. – I. It shall be unlawful to construct, or alter in any way that substantially affects the size or grade of, any driveway, entrance, exit, or approach within the limits of the right-of-way of any class I or class III highway or the state-maintained portion of a class II highway that does not conform to the terms and specifications of a written permit issued by the Commissioner of transportation.

II. Pursuant to this section, a written construction permit application must be obtained from and filed with the department of transportation by any abutter affected by the provisions of paragraph I. Before any construction or alteration work is commenced, said permit application shall have been reviewed, and a construction permit issued by said department. Said permit shall:

(a) Describe the location of the driveway, entrance, exit, or approach. The location shall be selected to most adequately protect the safety of the traveling public.

(b) Describe any drainage structures, traffic control devices, and channelization islands to be installed by the abutter.

(c) Establish grades that adequately protect and promote highway drainage and permit a safe and controlled approach to the highway in all seasons of the year.

(d) Include any other terms and specifications necessary for the safety of the traveling public.

III. For access to a proposed commercial or industrial enterprise, or to a subdivision, all of which for the purposes of this section shall be considered a single parcel of land, even though acquired by more than one conveyance or held nominally by more than one owner:

(a) Said permit application shall be accompanied by engineering drawings showing information as set forth in paragraph II.

(b) Unless all season safe sight distance of 400 feet in both directions along the highway can be obtained, the commissioner shall not permit more than one access to a single parcel of land, and this access shall be at that location which the commissioner determines to be safest. The commissioner shall not give final approval for use of any additional access until it has been proven to him that the 400-foot all season safe sight distance has been provided.

(c) For the purposes of this section, all season safe sight distance is defined as a line which encounters no visual obstruction between 2 points, each at a height of 3 feet 9 inches above the pavement, and so located as to represent the critical line of sight between the operator of a vehicle using the access and the operator of a vehicle approaching from either direction.

IV. No construction permit shall allow:

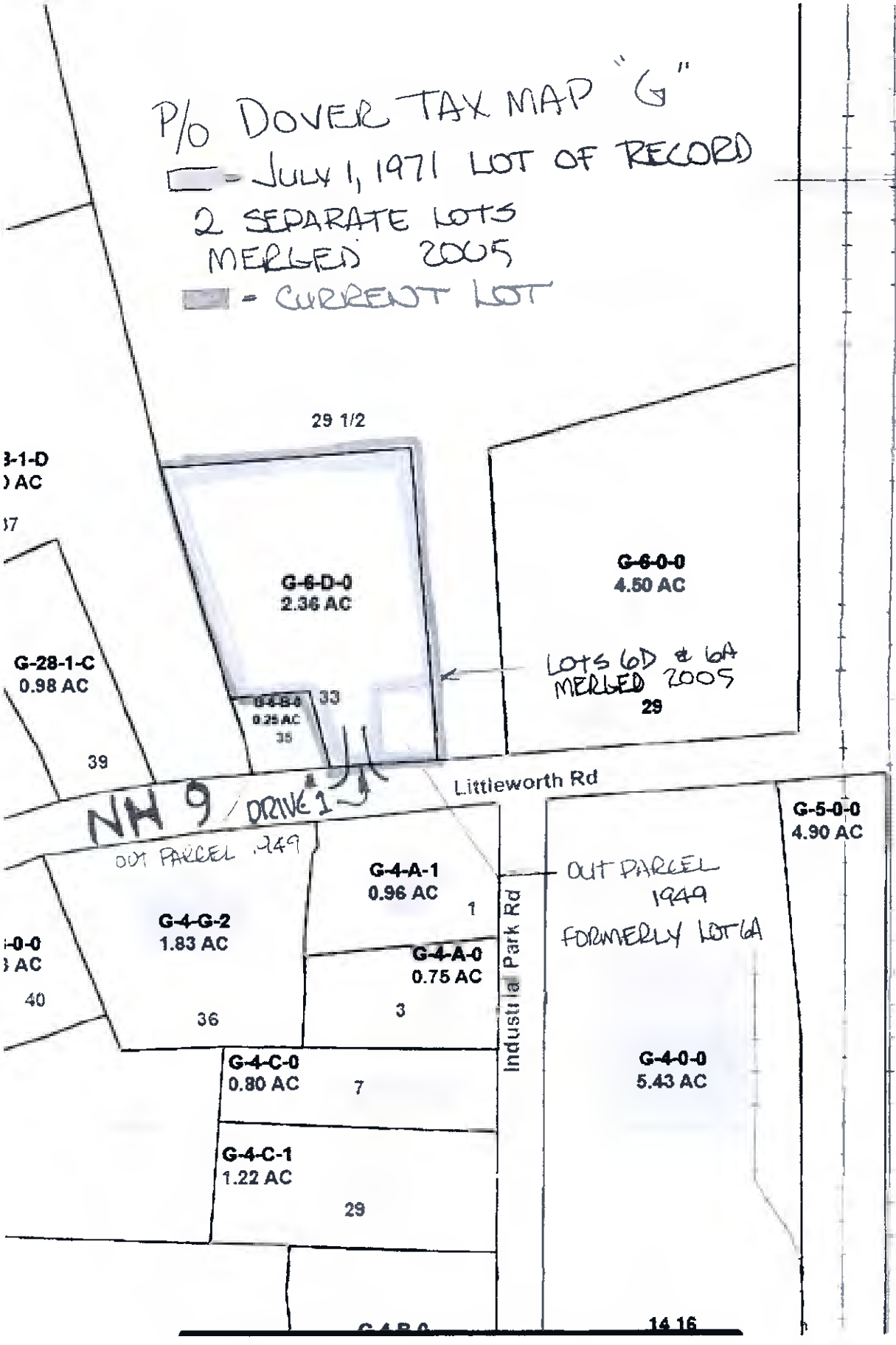
(a) A driveway, entrance, exit, or approach to be constructed more than 50 feet in width, except that a driveway, entrance, exit, or approach may be flared beyond a width of 50 feet at its junction with the highway to accommodate the turning radius of vehicles expected to use the particular driveway, entrance, exit or approach.

(b) More than 2 driveways, entrances, exits or approaches from any one highway to any one parcel of land unless the frontage along that highway exceeds 500 feet.

V. The same powers concerning highways under their jurisdiction as are conferred upon the commissioner of transportation by paragraphs I, II, III and IV shall be conferred upon the planning board in cities and towns in which the planning board has been granted the power to regulate the subdivision of land as provided in RSA 674:35, and they shall adopt such regulations as are necessary to carry out the provisions of this section. Such regulations may delegate administrative duties, including actual issuance of permits, to a highway agent, board of selectmen, or other qualified official or body. Such regulations, or any permit issued under them, may contain provisions governing the breach, removal, and reconstruction of stone walls or fences within, or at the boundary of, the public right of way, and any landowner or landowner's agent altering a boundary in accordance with such provisions shall be deemed to be acting under a mutual agreement with the city or town pursuant to RSA 472:6, II (a).

VI. The commissioner of transportation or planning board shall retain continuing jurisdiction over the adequacy and safety of every existing driveway, entrance, exit, and approach to a highway, whether or not such access was constructed or installed pursuant to a permit under this section, and, unless the access is a public highway, the owners of property to which the access is appurtenant shall have continuing responsibility for the adequacy of the access and any grades, culverts, or other structures pertaining to such access, whether or not located within the public right of way. If any such access is or becomes a potential threat to the integrity of the highway or its surface, ditches, embankments, bridges, or other structures, or a hazard to the safety of the traveling public, by reason of siltation, flooding, erosion, frost action, vegetative growth, improper grade, or the failure of any culvert, traffic control device, drainage structure, or any other feature, the commissioner of transportation or planning board or their designee may issue an order to the landowner or other party responsible for such access to repair or remove such hazardous condition and to obtain any and all permits required therefor. The order shall describe the hazard, prescribe what corrective action or alteration in the location or configuration of such access shall be required, and set a reasonable time within which the action shall be completed. Such an order shall be sent by certified mail, and shall be enforceable to the same extent as a permit issued under this section. If the order is not complied with within the time prescribed, the commissioner or planning board or their designee may cause to be taken whatever action is necessary to protect the highway and the traveling public, and the owner or other responsible party shall be civilly liable to the state or municipality for its costs in taking such action.

§ 236:14 Penalty. – Any person who violates any provision of this subdivision or the rules and regulations made under authority thereof shall be guilty of a violation if a natural person, or guilty of a misdemeanor if any other person; and, in addition, shall be liable for the cost of restoration of the highway to a condition satisfactory to the person empowered to give such written permission.


P/O DOVER TAX MAP "G"
- JULY 1, 1971 LOT OF RECORD
2 SEPARATE LOTS
MERGED 2005
- CURRENT LOT
29 1/2
G-6-D-0
2.36 AC
G-6-0-0
4.50 AC
LOTS 6D & 6A
MERGED 2005
29
G-28-1-C
0.98 AC
39
33
35
NH 9 / DRIVE 1
Littleworth Rd
OUT PARCEL 1949
G-4-A-1
0.96 AC
1
OUT PARCEL
1949
FORMERLY LOT 6A
G-4-G-2
1.83 AC
36
G-4-A-0
0.75 AC
3
Industrial Park Rd
G-5-0-0
4.90 AC
40
G-4-C-0
0.80 AC
7
G-4-0-0
5.43 AC
G-4-C-1
1.22 AC
29
14 16

SCRD 3299/164
11/23/2005

NOTICE OF MERGER

This notice of Merger is made this 25th day of OCTOBER, 2005. Be it known that HARLEY & SHANE MOORES of 4 COTTAGE LANE - ROLLINSFORD, NH 03869 being the owner(s) of Tax Map G, Lot 6A, a parcel described in deed Book 1911, Page 0378 recorded at the Strafford County Registry of Deeds and Tax Map G, Lot 6D, a parcel described in deed book 1911, page 0378 recorded at the Strafford County Registry of Deeds has/have requested that said parcels be merged. The landowner(s) certify(ies) that the above described lots have at least one common boundary and are located in the City of Dover, NH, in the County of Strafford.

The above described lots shall not be conveyed as individual lots, but shall be conveyed as one. The intent is that any common boundaries between or among the lots shall be abandoned. The resulting merged lot may only be subdivided upon approval by the Planning Board based on the regulations existing at the time of application for the subdivision.

It is further understood that the above described lots shall be assessed as one lot for property tax evaluation purposes.

The owner(s) of the above described parcels has/have notified all mortgage holders for the above described parcels that said parcels are being merged and the owner(s) accepts full liability for this merger.

The Planning Board of the City of Dover, New Hampshire has signed this Notice of Merger as required by RSA 674:39-a and accepts no liability for this merger.

Owner

(Print owner name) HARLEY MOORES

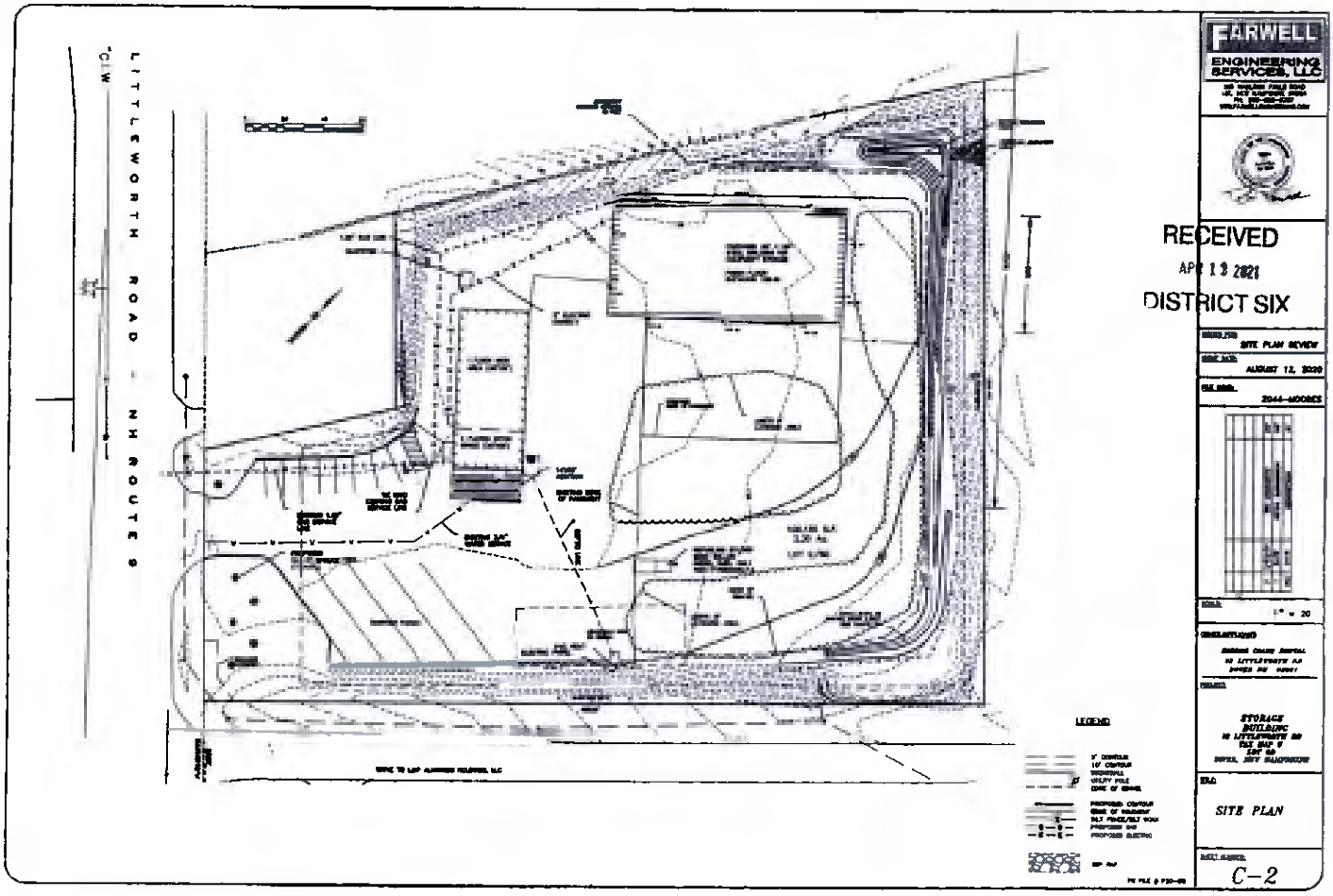
Witness

Owner

(Print owner name) SHANE A. MOORES

Witness

BK3298PG0164

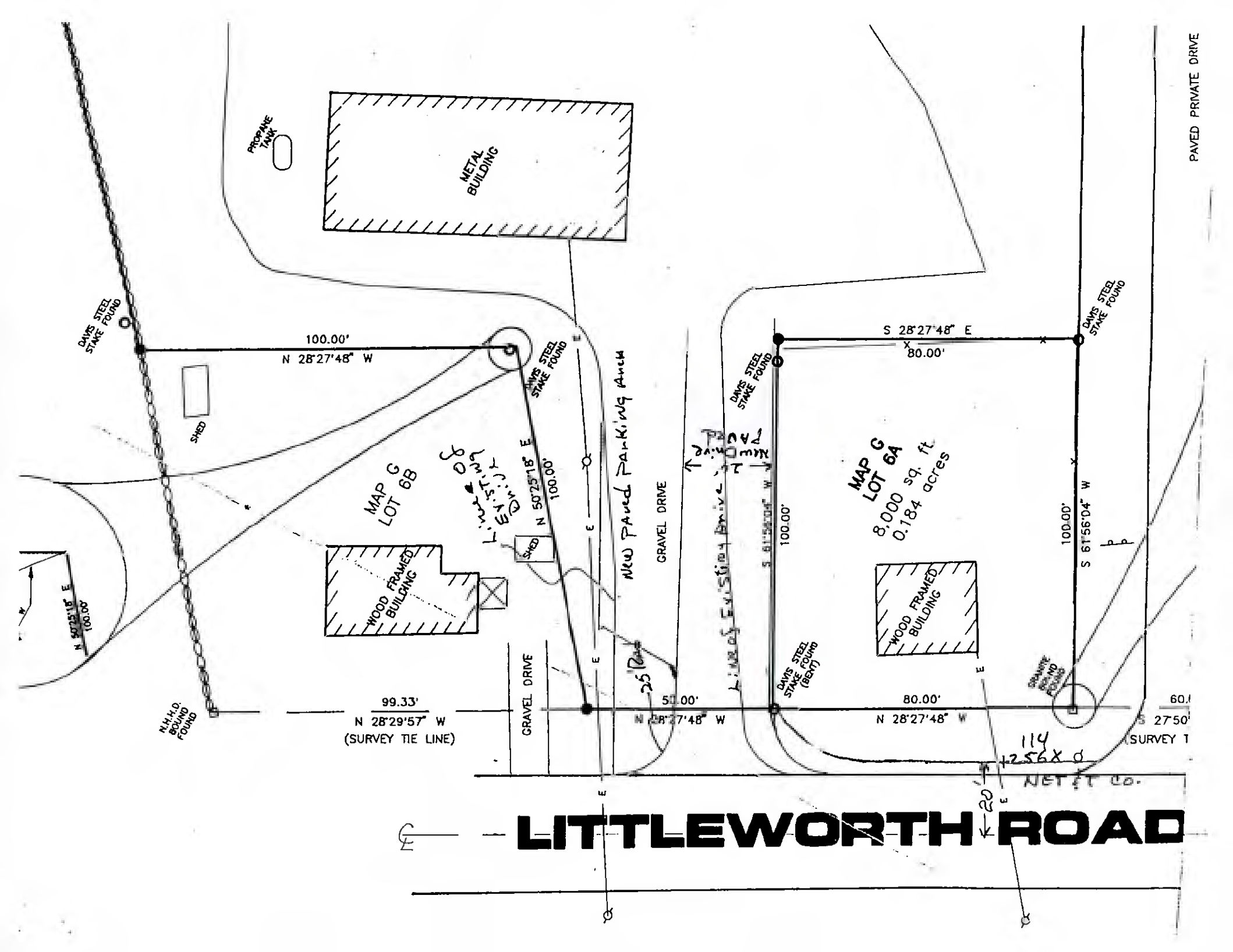

LITTLEWORTH ROAD - NH ROUTE 9
LEGEND
FARWELL
ENGINEERING SERVICES, LLC
RECEIVED
APR 19 2021
DISTRICT SIX
SITE PLAN REVIEW
AUGUST 12, 2020
2044-MODIFIED
1" = 20'
STORAGE BUILDING
SITE PLAN
C-2

Attachment to Driveway Permit #6-125-284

7. The driveway shall be constructed to the specifications of the attached plan/s.

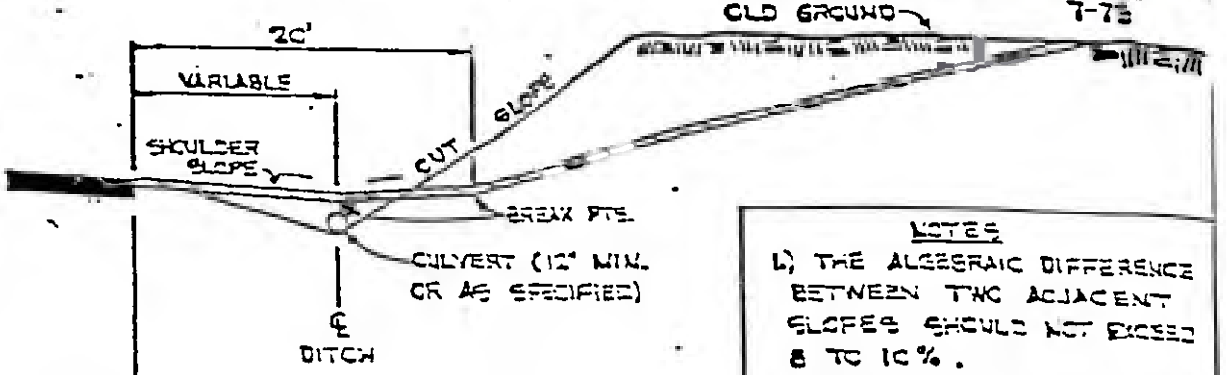
8. Added pavement within the State Right of Way shall be constructed with 12 inches of gravel base, 4 inches of crushed gravel and 3 inches of hot top.

9. The applicant shall notify the District Six Office of completion of the driveway. No new or additional occupancy shall be permitted until the driveway has been inspected and approved by the District Six Office.


PAVED PRIVATE DRIVE
PROPANE TANK
METAL BUILDING
DAVIS STEEL STAKE FOUND
100.00'
N 28°27'48" W
SHED
MAP G
LOT 6B
N 50°25'18" E
100.00'
SHED
WOOD FRAMED BUILDING
NEW PAVED PARKING AREA
GRAVEL DRIVE
GRAVEL DRIVE
S 28°27'48" E
80.00'
DAVIS STEEL STAKE FOUND
MAP G
LOT 6A
8,000 sq. ft
0.184 acres
100.00'
S 61°56'04" W
WOOD FRAMED BUILDING
DAVIS STEEL STAKE FOUND (BENT)
DAVIS STEEL STAKE FOUND
99.33'
N 28°29'57" W
(SURVEY TIE LINE)
N.H.H.D. BOUND FOUND
50.00'
N 28°27'48" W
80.00'
N 28°27'48" W
(SURVEY T
114
NET ft Co.
20
LITTLEWORTH ROAD

PREPARED BY:
N.H.D.P.W. & H.
HWY. DESIGN DIV.

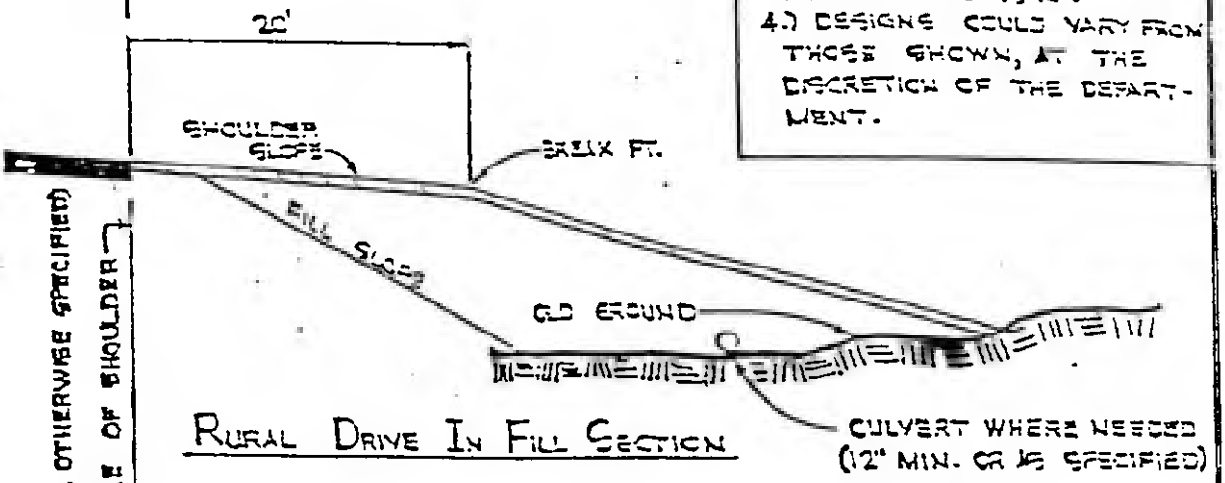
T-73



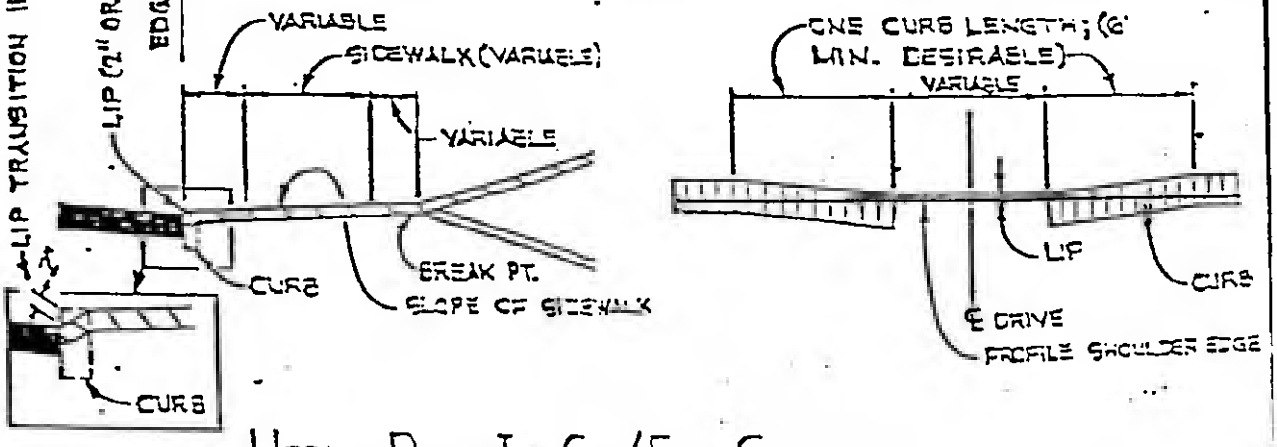
RURAL DRIVE IN CUT SECTION

NOTES

1.) THE ALGEBRAIC DIFFERENCE BETWEEN TWO ADJACENT SLOPES SHOULD NOT EXCEED 8 TO 10%.
2.) COMMERCIAL DRIVES SHOULD NOT EXCEED 8%.
3.) OTHER DRIVES SHOULD NOT EXCEED 15%.
4.) DESIGNS COULD VARY FROM THOSE SHOWN, AT THE DISCRETION OF THE DEPARTMENT.



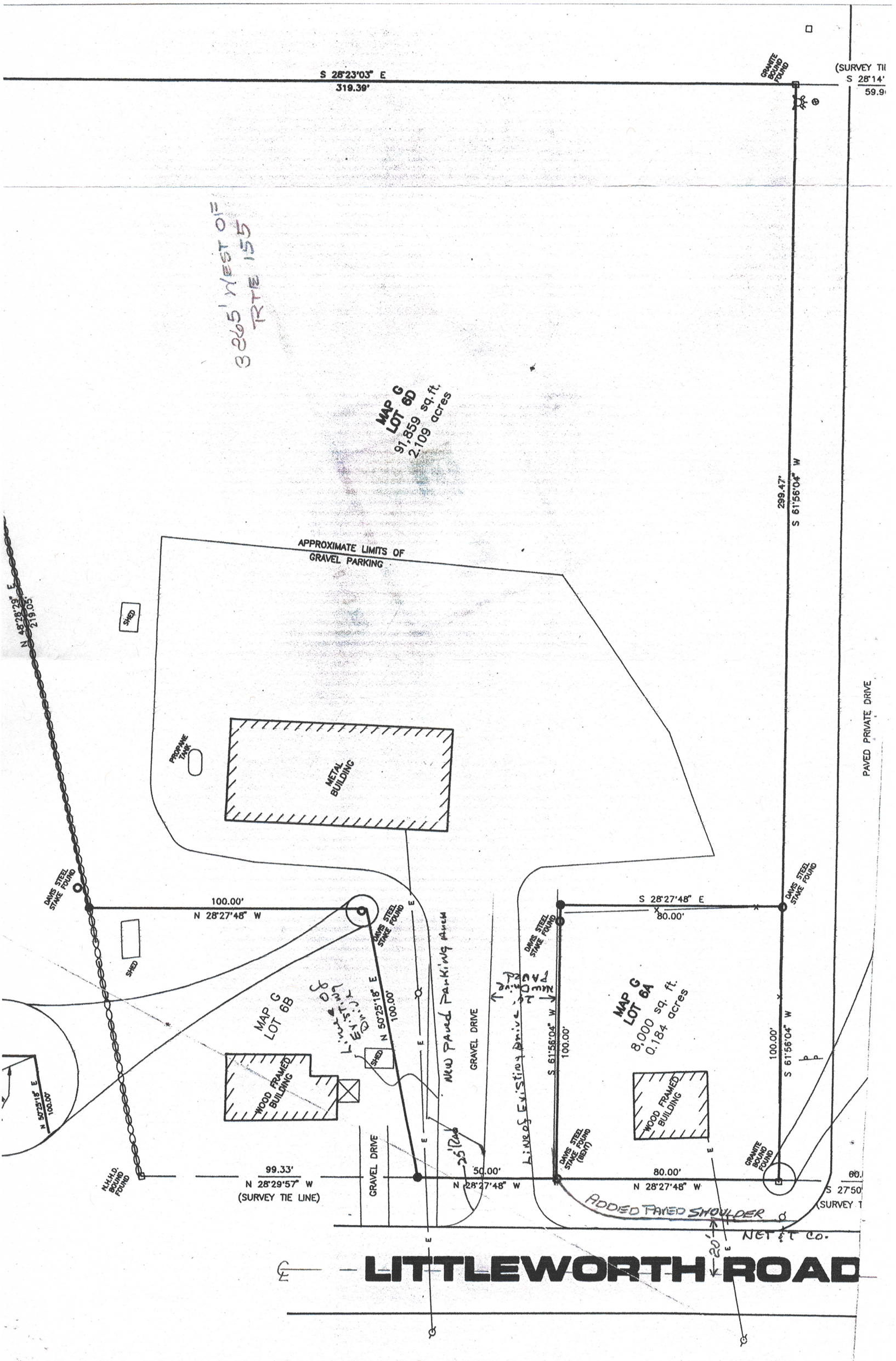
RURAL DRIVE IN FILL SECTION



URBAN DRIVE IN CUT/FILL SECTION

TYPICAL DRIVE PROFILE CONTROLS

FIGURE XXII


S 28°23'03" E
319.39'
GRANITE BOUND FOUND
(SURVEY TIE
S 28°14'
59.9'
3265' WEST OF RTE 155
MAP G
LOT 6D
91,859 sq.ft.
2.109 acres
APPROXIMATE LIMITS OF GRAVEL PARKING
299.47'
S 61°56'04" W
N 48°28'29" E
219.00'
SHED
PROPANE TANK
METAL BUILDING
PAVED PRIVATE DRIVE
DAVIS STEEL STAKE FOUND
100.00'
N 28°27'48" W
S 28°27'48" E
80.00'
MAP G
LOT 6B
MAP G
LOT 6A
8,000 sq. ft.
0.184 acres
N 50°25'18" E
100.00'
WOOD FRAMED BUILDING
GRAVEL DRIVE
NEW PAVED PARKING AREA
EXISTING PAVED DRIVE
S 61°56'04" W
100.00'
99.33'
N 28°29'57" W
(SURVEY TIE LINE)
50.00'
N 28°27'48" W
80.00'
N 28°27'48" W
N.Y.H.D. BOUND FOUND
DAVIS STEEL STAKE FOUND (BENT)
GRANITE BOUND FOUND
ADDED PAVED SHOULDER
NET 1 Co.
20'
LITTLEWORTH ROAD

To whom it may concern; This letter that was submitted to Jim Maxfield and will answer the statement about the use of the new building.

August 26.2020

Tobin Farwell

Farwell Engineering services

265 Wadleigh Falls Rd

Lee, NH 03861

Dear Tobin,

In response to our telephone conversation earlier today.

The new storage building we are proposing to build will be used to store trucks, trailers, cranes, forklifts. and we also as part of our service receive and store ac units, electrical switch gear, new electrical generators. Some of this equipment can not get wet so we receive the equipment and temporarily store until it can be delivered to the job site.

Fuel for our vehicles is stored in a State of NH approved storage tank 75 feet from the proposed new building or any building on site.

The lube oil and waste oil are store as required by our Insurance Company in a separate tank in a con-ex box separate from the maintenance building.

The maintenance of the cranes and trucks will continue to be done in the existing building.

If you require any further information please do not hesitate to contact me.

Sincerely,

Hadley Moores

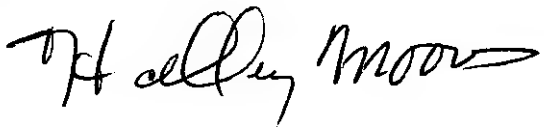
Answer to the comment about the fuel tank should be brought up to Code.

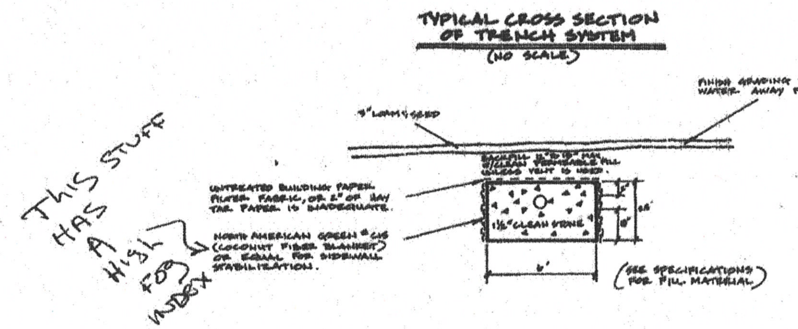
The fuel tank is a State of New Hampshire approved storage and fueling site.FMO#7060005/13. The tank and controls are inspected by a third party yearly and the information gained is sent to the State. The tank is inspected monthly by Moores Crane Rental personal as required by the State.

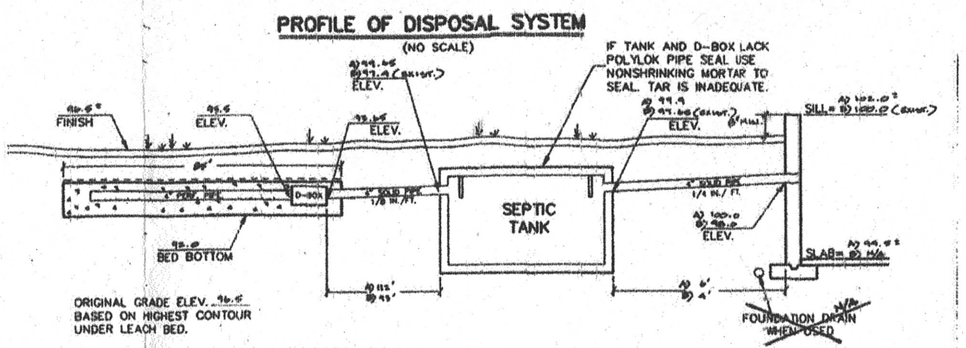
Hadley Moores

Answer to the question about large truck turnaround.

The trucks enter from Route 9 drive straight towards the back of the lot then turn to the left towards the North then if they cannot make a complete turn they will back to the Southeast to allow the truck to complete the turn and head out towards Route 9.







INCHES TO DECIMALS OF A FOOT

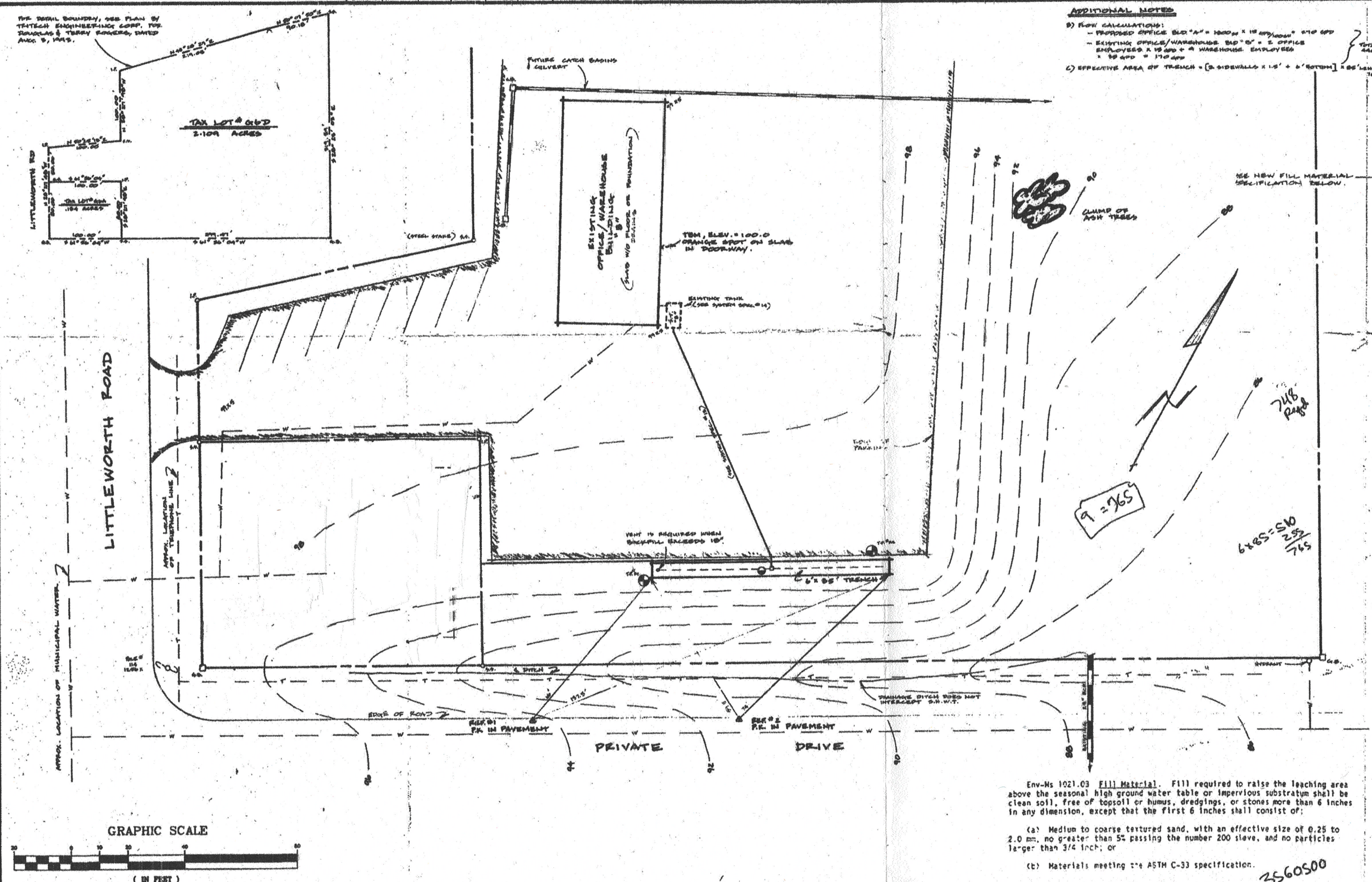
TEST PIT LOG

TEST PIT NO. #1 & #2 DATE 11/17/93
SOIL TYPE

OBSERVED H2O N/O ROOTS N/O
SHWT 8.5' IMPERMEABLE LAYER N/O
PERC. RATE 8 min./in. w/ BOTTOM @ 8'

TEST PIT NO. ______ DATE ______
SOIL TYPE ______

OBSERVED H2O ______ ROOTS ______
SHWT ______ IMPERMEABLE LAYER ______
PERC. RATE ______ min./in. w/ BOTTOM @ ______



Env-Ws 1021.03 Fill Material. Fill required to raise the leaching area above the seasonal high ground water table or impervious substratum shall be clean soil, free of topsoil or humus, dredgings, or stones more than 6 inches in any dimension, except that the first 6 inches shall consist of;

(a) Medium to coarse textured sand, with an effective size of 0.25 to 2.0 mm, no greater than 5% passing the number 200 sieve, and no particles larger than 3/4 inch; or

(b) Materials meeting the ASTM C-33 specification.

3560500

SYSTEMS SPECIFICATIONS

1) DESIGN INTENT: BOTTOM OF LEACH BED TO BE NO LOWER THAN 4.5 FEET BELOW ORIGINAL GROUND. (SEE NOTE "A")
2) FLOW CALCULATIONS: 440 GPD (SEE NOTE "B")
3) LEACH BED AREA REQUIRED: 748 SQ. FT.
DESIGNED: 765 SQ. FT. (SEE NOTE "C")
4) SEPTIC TANKS TO BE 1000 min. GALLON CAPACITY MANUFACTURED BY GILBERT OR APPROVED EQUAL. (SEE RECOMMENDATION #3 IF GARBAGE DISPOSAL IS TO BE USED.)
5) DISTRIBUTION BOX TO BE MANUFACTURED GILBERT OR APPROVED EQUAL AND HAVE 2 OUTLETS.
6) DRAIN PIPE TO BE 4" SDR 35 WITH SEALED JOINTS.
7) LEACHING PIPE TO BE 4" PERF. PVC WITH COLLARS, LAID WITH HOLES IN THE 5 AND 7 O'CLOCK POSITIONS, ~~AND ENDS CONNECTED.~~ USE: 2-PERF LATERALS TIED INTO D-BOX
8) LEACH BED, SEPTIC TANK, D-BOX, LEACHING PIPES AND CHAMBERS, IF APPLICABLE, MUST BE LEVEL.
9) NO WELLS OR SURFACE WATER, INCLUDING SEASONAL WET AREAS AND ~~DRAINAGE DITCHES~~, WITHIN 75 FEET OF THE SEPTIC SYSTEM.
10) ~~FILL MATERIAL SHOULD BE MEDIUM TO COARSE SAND (0.1 mm TO 1.0 mm). PARENT MATERIAL MAY BE USED FOR SLOPE STABILIZATION UNLESS IT IS PREDOMINANTLY CLAY-BASED OR CONTAINS EXCESSIVE DEBRIS OR ROCKS. NO ROCKS GREATER THAN 6" ALLOWED.~~
11) SEPTIC TANK AND LEACH BED ARE TO BE NO CLOSER THAN 10' AND 25' RESPECTIVELY TO ANY FOUNDATION WITH DRAINS. # 10' w/o DRAINS.
12) ALL SMEARED OR COMPACTED SURFACES SHALL BE RAKED TO A DEPTH OF 1" BEFORE PLACING SAND, FILL OR CRUSHED STONE.
13) UNDRAINED PUMP LINES, PIPES UNDER WHEEL LOADS, OR PIPES UNDER AREAS WITHOUT SNOW COVER SHALL BE BURIED AT LEAST 4' TO PREVENT FREEZING OR SHALL BE INSULATED.
14) UNDER NO CIRCUMSTANCES SHALL VEHICLES TRAVEL OVER OR NEAR ANY SEPTIC TANK OR LEACHING FIELD, UNLESS DESIGNED FOR WHEEL LOADS.
15) SEPTIC TANK AND PUMP CHAMBER OPENINGS SHALL BE BROUGHT UP TO WITHIN 6" OF GRADE WITH MANHOLE RINGS AND COVERS WHEN BACKFILL EXCEEDS 18".
16) WELL SHALL BE 75' FROM PROPERTY LINE UNLESS WAIVED BY THE STATE.
17) IF FAILURE OCCURS, SYSTEM MAY HAVE TO BE REBUILT IN PLACE.

NOTES

A) SITE HAS BEEN DISTURBED. ORIGINAL GRADING & TEST PIT DATA ARE BASED ON FINISH GRADING ON 11/20/93.

RECOMMENDATIONS

1) COMBINATION TANK WITH FILTER IS RECOMMENDED TO REDUCE THE CHANCES OF SEPTIC FAILURE. (TRY THE ELIMINATOR®)
2) SCHEDULE 40 OR CAST IRON PIPE IS RECOMMENDED THROUGH FOUNDATION TO TANK.
3) THE STATE OF NEW HAMPSHIRE RECOMMENDS EITHER A 50% INCREASE IN TANK SIZE OR PLACING TWO TANKS IN A SERIES WHEN USING GARBAGE DISPOSALS. (NOW MANDATORY BY Env-Ws 1010.01 c)
4) TRY POLYLOK PIPE SEALS ON SEPTIC TANKS AND D-BOXES, AND ALSO SPEED LEVELERS IN D-BOXES.
5) FOR MAINTENANCE PROCEDURES SEE N.H. WATER SUPPLY AND POLLUTION CONTROL DIVISION'S PAMPHLET "YOU AND YOUR SEPTIC SYSTEM."

SYMBOLS

TEST PIT	
PERC TEST	
FINISH CONTOURS	F=100
ORIGINAL CONTOURS	100
PROPERTY LINE	
TEMPORARY BENCHMARK	TBM
REFERENCE TO BENCHMARK	REF.
ELEVATION	ELEV.
IRON PIPE	I.P.
DRILL HOLE	D.H.
PERFORATED	PERF.
DISTRIBUTION BOX	D-BOX
SEPTIC TANK	S.T.

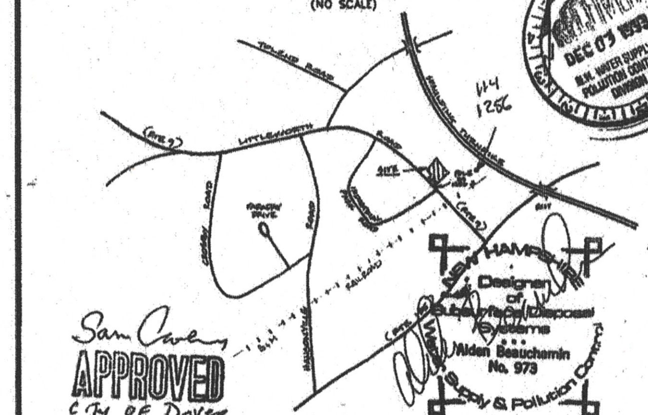
A1 AND B1 DENOTE HYDRIC A & B NUMBERED RESPECTIVELY.

NOTICE

1) ALL SYSTEMS MUST COMPLY TO STATUTORY REQUIREMENTS OF RSA 485-A. THE INSTALLER IS RESPONSIBLE FOR VERIFYING SITE CONDITIONS. ANY DISCREPANCIES IN THE APPROVED PLAN AND THE ACTUAL SITE CONDITIONS MUST BE REPORTED BY THE INSTALLER TO THE DESIGNER PRIOR TO CONSTRUCTION. OMISSIONS IN THE PLANS DO NOT RELIEVE INSTALLER OF THEIR RESPONSIBILITIES.
2) THIS PLAN IS NOT A BOUNDARY SURVEY. THE BOUNDARIES ON THIS PLAN ARE AS DEPICTED BY THE OWNER.

LOCUS

(NO SCALE)



Alden Beauchemin No. 973
Water Supply & Pollution Control

Sam Carling
APPROVED
City of Dover
12-2-93

OWNER: THE LAND & SEA TRUST c/o MOORES MARINE CONSTRUCTION CO., INC.
SUBDIVISION NAME/NO:
STREET/TOWN: LITTLEWORTH ROAD, DOVER
LOT NO: 6A & 6D
DATE: 11/16/93 REFERENCES:

AMENDED
1.
2.
3.
4.

KEYLAND ENTERPRISES
SEPTIC SYSTEM DESIGNS & SITE ASSESSMENTS
LAND AND BUILDING PLANNING & CONSTRUCTION CONSULTANT

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED ON THIS CONDITIONAL APPROVAL

REVIEWED AND APPROVED IN ACCORDANCE WITH THE REQUIREMENTS OF THE N.H. DEPT. OF ENVIRONMENTAL SERVICES WATER SUPPLY & POLLUTION CONTROL DIVISION
Signed Jay Boand
Date 12/10/93 202104

STATE

202104