

TOWN OF RAYMOND Zoning Board of Adjustment Agenda February 28, 2024 6:30 P.M. – Raymond High School Media Center, 45 Harriman Hill Rd. Updated February 13, 2024

**Public Announcement** 

If this meeting is canceled or postponed for any reason the information can be found on our website, posted at Town Hall, Facebook Notification, and RCTV. \*

### 1. Pledge of Allegiance

2. Public Hearing

### A. Application 2024-001: Kim Brightman – 25 Glen Ridge Road

An application for variance has been submitted by Jacob Fitz on behalf of Kim Brightman, owner of 25 Glen Ridge Road identified as Raymond Tax Map 34, Lot 49. The request is for relief from *Article 15, Section 1* of the *Town of Raymond Zoning Ordinance* which requires setbacks of 30 feet on the side, rear, and front for Zone B residential areas; where 10 feet on the east side is requested to be provided in conjunction with the construction of a barn. The property is located within the Residential B Zoning District.

### B. Application 2024-002: Appeal for Fuel NRG Raymond

An application for appeal of administrative decision as denied by the Planning Board on January 11, 2024 for article 5.2.10.7 and definition 5.2.4.11 was submitted by Lynn Davis on behalf of Daniel Flores. The property is located on NH Route 27 and is identified as Raymond Tax Map 32, Lot 69 within Zone C1.

### 3. Approval of Minutes – December 20, 2023

### 4. Other Business

- Staff Updates
- Board Member Updates
- > Any other business brought before the Board.

### 5. Adjournment of Public Meeting (NO LATER THAN 10:00 P.M.)



TOWN OF RAYMOND Zoning Board of Adjustment Agenda February 28, 2024 6:30 P.M. – Raymond High School Media Center, 45 Harriman Hill Rd. Updated February 13, 2024

#### 2024 Zoning Board Meetings Calendar Submittal Deadline for **Meeting Date** (4th Wednesday of every **Completed Application &** Agenda Item(s) month) **Materials** Monday, February 26, 2024 Wednesday, March 27, 2024 TBD Monday, March 25, 2024 Wednesday, April 24, 2024 TBD Monday, April 22, 2024 Wednesday, May 22, 2024 TBD Monday, May 27, 2024 Wednesday, June 26, 2024 TBD Monday, June 24, 2024 Wednesday, July 24, 2024 TBD Wednesday, August 28, 2024 Monday, July 29, 2024 TBD Monday, August 26, 2024 Wednesday, September 25, 2024 TBD Wednesday, October 23, 2024 Monday, September 23, 2024 TBD Monday, October 21, 2024 Wednesday, November 20, 2024\* TBD Monday, November 18, 2024 Wednesday, December 18, 2024\* TBD

\*Third Wednesday due to holiday



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# **TOWN OF RAYMOND**

Community Development Department Office of Planning & Zoning 4 Epping Street Raymond, NH 03077

Tel: (603) 895-4735 Fax: (603) 895-0903 http://www.raymondnh.gov

# **Application for a Variance**

Site Information
Property Address: 25 Glenp: dge 12 Fay Nond NH
Map #: 34 Lot #: 49
Property Owner Information
Name: Kim Brightman Phone: 603 479 8554
Address: 25 Glen Fildge Fd
Email Address: Kimbsightman/12@gmail.com
Applicant/Agent Information
Name: Jacob Fitz Phone: 603 270 3617
Address: 376 Dover RD Chichester NH
Email Address: Trickle creek barns @ gmail.com
Complete the Following
A variance is being requested from Article $15$ , Section $1$ of the Town of Raymond Zoning
side set back, we are looking to place
the structure 10' From the Side, This is
confarable to Zone A, which has a lo side
Set back.
Facts in Support of Granting the Variance (if more space is needed, attach additional sheets)
1) Granting a variance would not be contrary to the public interest because: The building
Cannot be put 30 from the property line due
to the back yord havene extreme slope which
makes it unbuildable. The side yard which contains
the drivewary would be condusive to plagement to the shed fending approval.
2) Granting a variance would be consistent with the spirit of the ordinance because: without
the Vational there are no othe locations on
the property that Farilitate the use fullages of their
shed de large the customers reactor that there
the property that Facilitate the usefullness of this shed to have the customers tractor, that they femore snow From their driveloby with.

to	Protect	the	cul	From	ecause: <u>Alb</u> the	elemi	ents	bry	Puttino
it	in the	2 9	arage	ond	Moving	the	fract	or	into

4) G	ranting a <sup>,</sup>	variance wou		inish th	e values of s			ies becau	use: <u>I</u> t		8
15	an	improve !	nent	-10	the	apperan	re	OF	the	proper	4.1.
The	Cust	oner	will	be	able	to	park	their	trac	for	-
in	the	shed	· Alla	ring	them	-to	P	ark	-their	Car	-
in	the	gorage.	74:5	wo	uld m	ake th	e r	eighb	bound	look	better.

- 5) Owing to the special conditions of the property that distinguish it from other properties in the area, literal enforcement of the provisions of the ordinance would result in an unnecessary hardship because...
  - a. No fair and substantial relationship exists between the general public purposes of the ordinance provision and the specific application of that provision to the property because:

b. The proposed use is a reasonable one because:

The	back	lacd of	- 10	e pro	operty	is	on unbuildat	ole
560	all	the	wow		he !	rear	Property 1	
Putting	the	Shed	10	From	the	side	BOPETty 1	ne
15 FI	at an	d build	able.					

6) If you cannot provide a response establishing the criteria in 5(a) and 5(b) above, explain how an unnecessary hardship will be deemed to exist if, and only if, owing to special conditions of the property that distinguish it from other properties in the area, the property cannot be reasonably used in strict conformance with the ordinance, and a variance is therefore necessary to enable a reasonable use of the property.

#### Signature of Applicant\*

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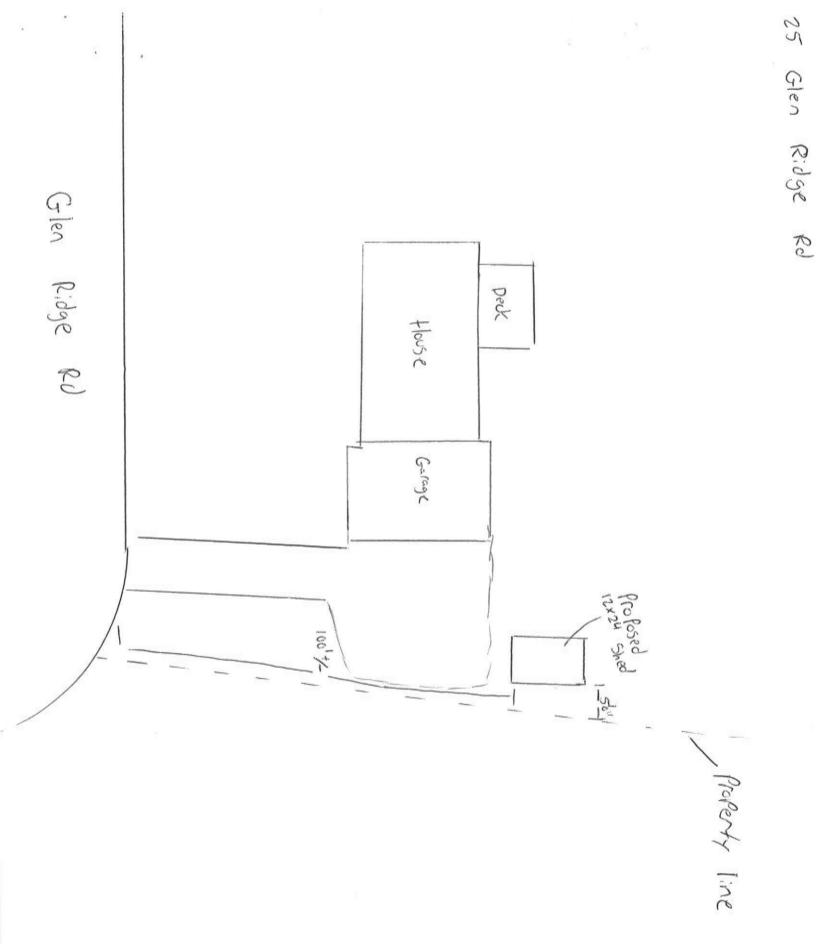
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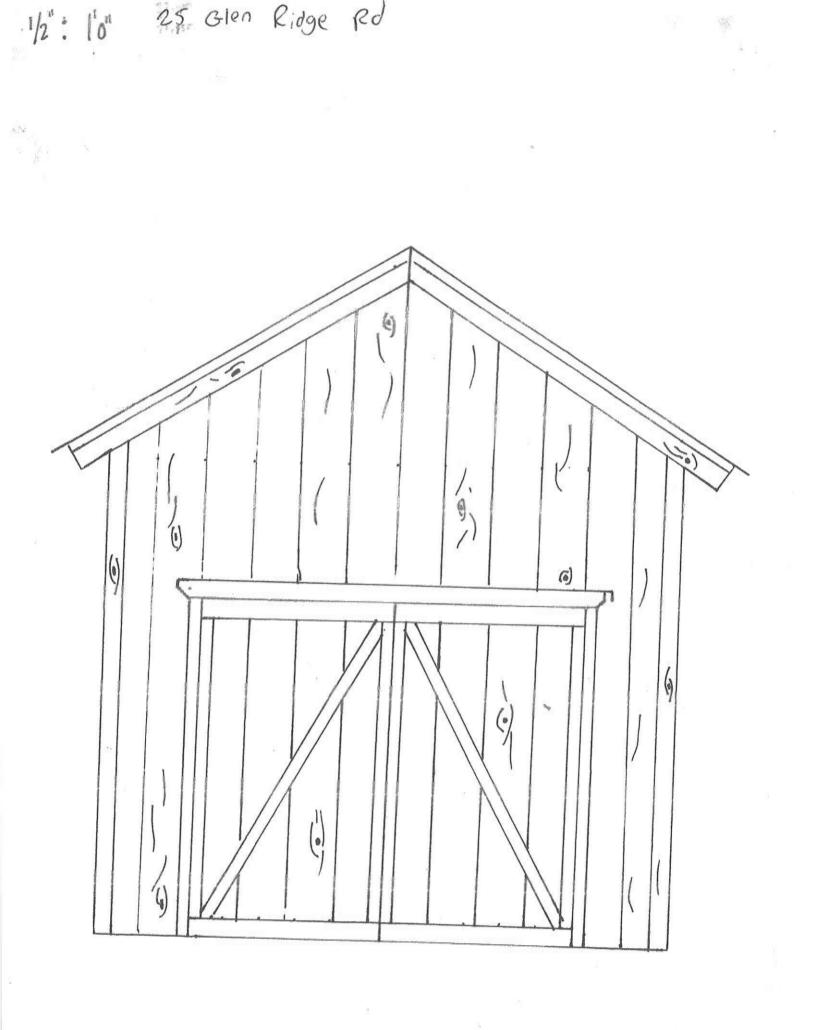
\*If the applicant is not the property owner, then a notarized letter of permission from the property owner authorizing the applicant to represent their interests shall be provided.

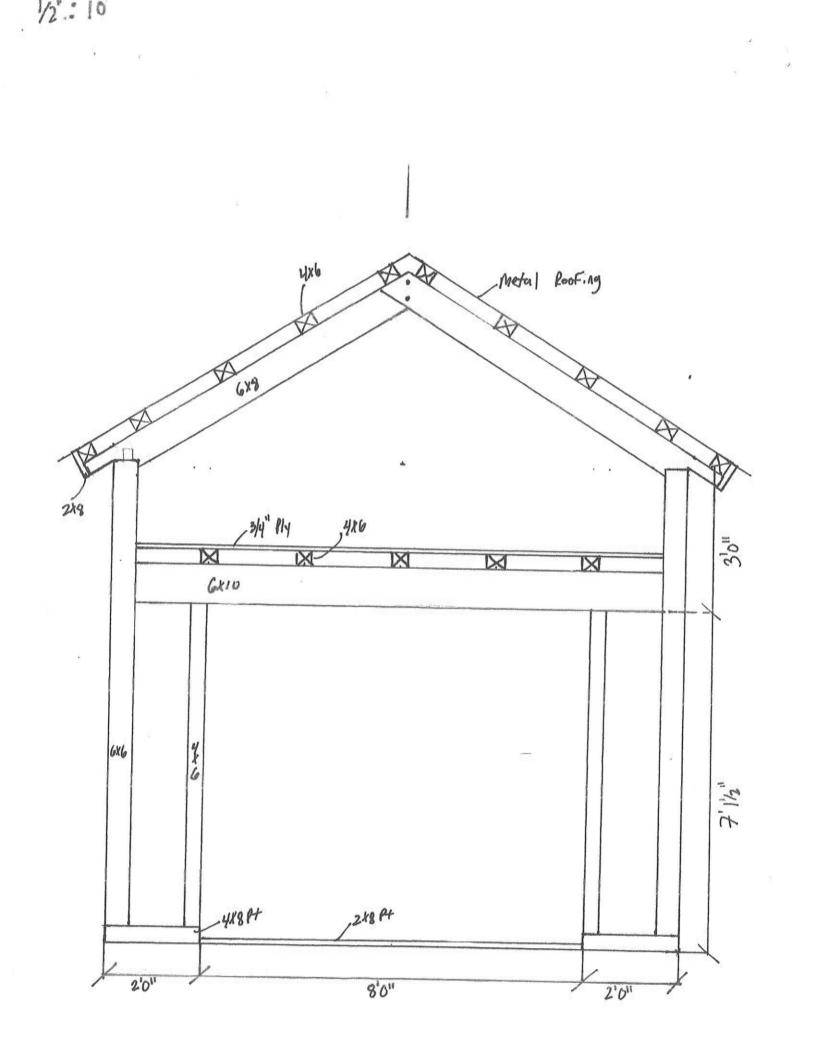
Applicant's Signature\* Bightma

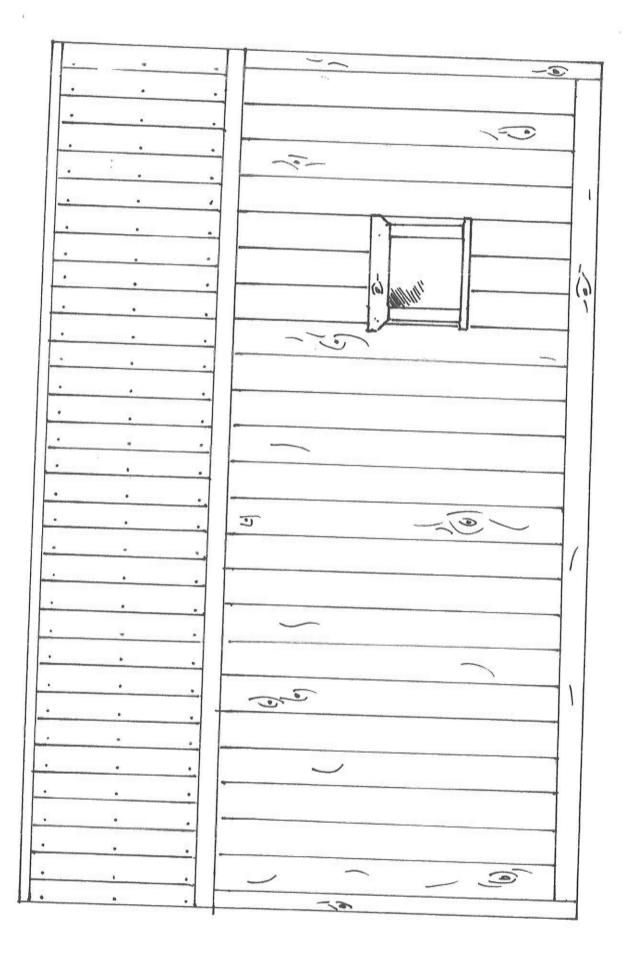
||23/24 Date ||24/24

TOWN OF RAYMOND **Community Development** Office of Code Enforcement 4 Epping St Raymond, NH 03077 Phone: 603.895.7020 • Fax: 603.895.7064 http://www.raymondnh.gov MINOR BUILDING PERMIT APPLICATION Today's Date **PROPERTY OWNER(S)** NAME ADDRESS MAP & DOT PHONE ADDRESS JOB ADDRESS (IF DIFFERENT FROM ABOVE) MAP & LOT ZONING 🗙 Residential Commercial Industrial APPLICANT NAME | Copy of License COMPANY Barns \_L C ADDDRESS Ro Cov CITY/STATE/ZI NH 03258 EMAIL ADDRESS Tr: CKIe creekbarns @ gmail.con PHONE 3617 TYPE OF JOB Amp Service **Description of Project** New IZXZUI 54 Cost of Job 6,200.00 Design Details for Construction Provided? Yes [ No [ ] Electric Company APPLICANT SIGNATURE All work must conform with the State of NH Building and Fire Codes (International Residential & Building Code [2009 editions]), 2014 NEC, and current local building and zoning regulations. Some Inspections required. Applicant Date \*\* OFFICE USE ONLY\*\* Date Application Received By Date **Building Inspector** [] Approved Denlet Amt \$ Ck. PERMIT NO. Rec By Date







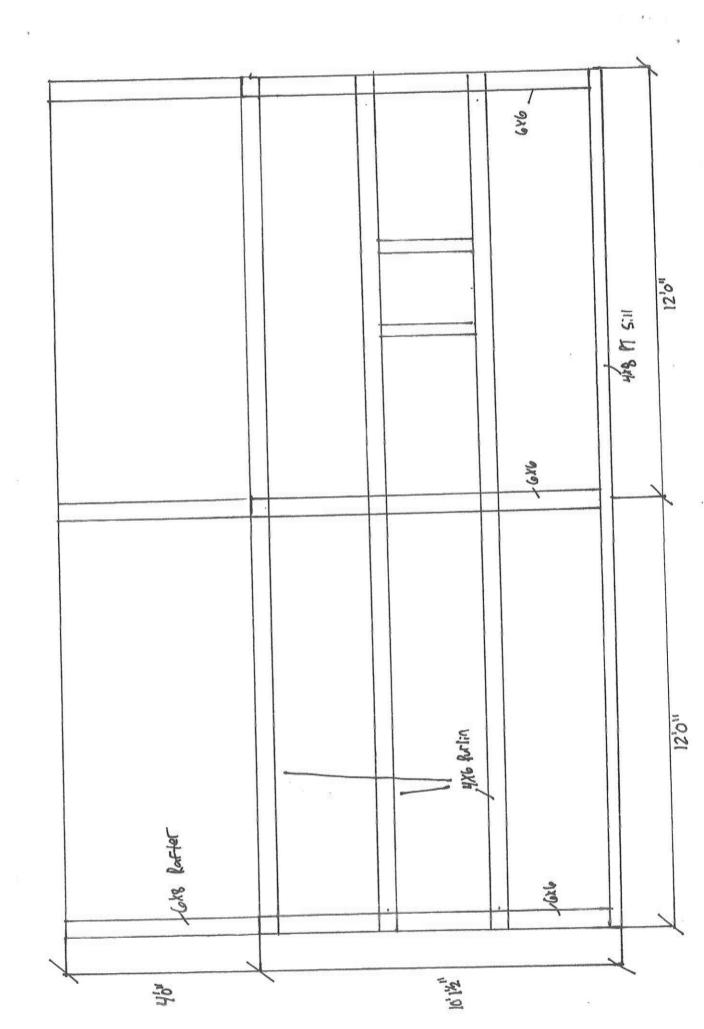


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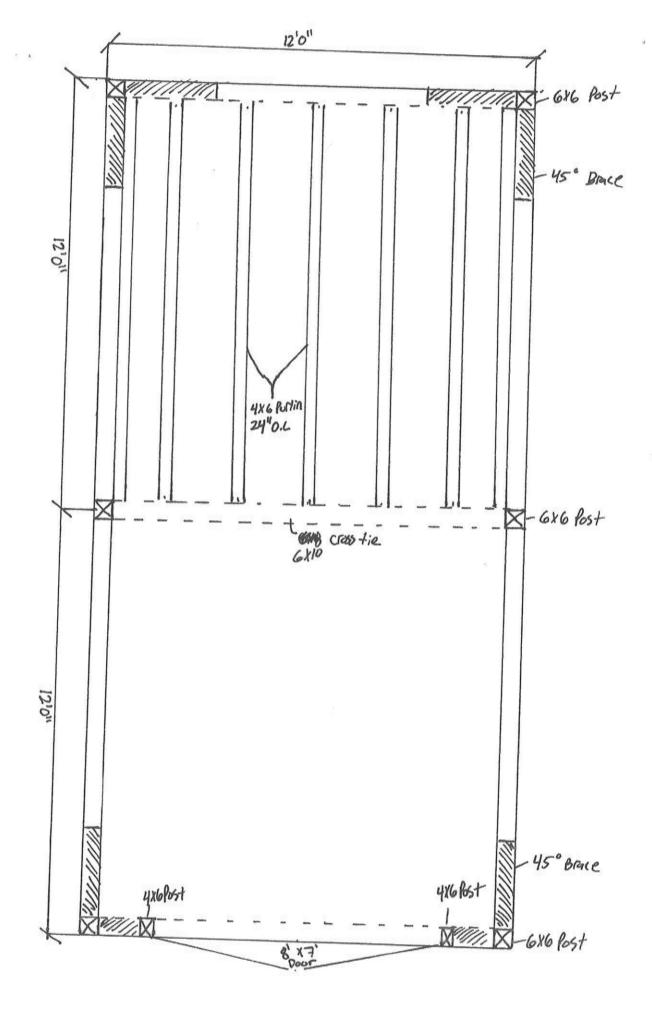
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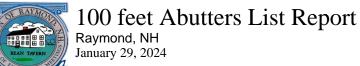
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3/8": 1'0"



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#### **Subject Property:**

Subject Froperty.			
Parcel Number: CAMA Number: Property Address:	034-000-049-000 034-000-049-000-000 25 GLEN RIDGE ROAD	Mailing Address:	BRIGHTMAN, KIM D. 25 GLEN RIDGE ROAD RAYMOND, NH 03077
Abutters:			
Parcel Number: CAMA Number: Property Address:	034-000-050-000 034-000-050-000-000 23 GLEN RIDGE ROAD	Mailing Address:	COTE, STEPHEN P. NATALIE A. ROTMAN COTE 23 GLEN RIDGE ROAD RAYMOND, NH 03077
Parcel Number: CAMA Number: Property Address:	034-000-051-000 034-000-051-000-000 21 GLEN RIDGE ROAD	Mailing Address:	WATERHOUSE REVOCABLE LIVING TRUST JONATHAN & BETH VALERIE / TRUSTEES 21 GLEN RIDGE ROAD RAYMOND, NH 03077
Parcel Number: CAMA Number: Property Address:	035-000-004-000 035-000-004-000-000 NOTTINGHAM ROAD	Mailing Address:	RAYMOND, TOWN OF 4 EPPING STREET RAYMOND, NH 03077
Parcel Number: CAMA Number: Property Address:	040-004-019-000 040-004-019-000-000 27 GLEN RIDGE ROAD	Mailing Address:	SPINDALE, JOSEPH N. & LINDA L. REVOCABLE TRUST OF JOSEPH N. & LINDA L. SPINDALE / TRUSTEES 27 GLEN RIDGE ROAD RAYMOND, NH 03077
Parcel Number: CAMA Number: Property Address:	040-004-022-000 040-004-022-000-000 GLEN RIDGE ROAD	Mailing Address:	RAYMOND, TOWN OF 4 EPPING STREET RAYMOND, NH 03077
Parcel Number: CAMA Number: Property Address:	040-004-023-000 040-004-023-000-000 11 POPLAR DRIVE	Mailing Address:	ROGERS, JOHN DANIELLE ROGERS 11 POPLAR DRIVE RAYMOND, NH 03077



www.cai-tech.com

Data shown on this report is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this report.

# PANCIOCCO LAW, LLC

Patricia M. Panciocco \* \*Admitted in NH & ME One Club Acre Lane Bedford, New Hampshire 03110 www.pancioccolaw.com Tel. 603-518-5370 Fax 603-206-5946 E-mail: <u>Pat@pancioccolaw.com</u>

February 9, 2024

### HAND-DELIVERED

Community & Economic Development Director Town of Raymond 4 Epping Street Raymond, NH 03077 RECEIVED FEB 0 9 2024 TOWN OF RAYMOND

### Re: Application for Appeal of Administrative Decision Owner: Jessica Hatch Property: Route 27 (Tax Map 32 Lot 69), Raymond NH

To Whom it may Concern:

Enclosed please find the following in connection with the above-referenced:

- 1. Original Application for Appeal of Administrative Decision;
- 2. Abutter List with 3 sets of mailing labels for each abutter;
- 3. Authorization from Jessica Hatch; and
- 4. Check in the amount of \$290.00 payable to the Town of Raymond (\$150.00 Application fee, 14 x \$10.00 Abutter Fees- \$140.00).

Please let this office know if you require additional information to process this application.

Sincerely,

### Lynn Davis

Lynn Davis Paralegal to Patricia M. Panciocco

Enclosures

cc: Client (via e-mail) Daniel M. Flores, P.E. (via e-mail)

# RECEIVED



# **TOWN OF RAYMOND**

Community Development Department Office of Planning & Zoning 4 Epping Street Raymond, NH 03077 FEB 09 2024

**TOWN OF RAYMOND** Tel: (603) 895-4735 Fax: (603) 895-0903 http://www.raymondnh.gov

# **Application for Appeal of Administrative Decision**

Site Information	
Property Address: <u>Route 27</u>	
Map #: <u>32</u> Lot #: <u>69</u>	a
Property Owner Information	
Name:Jessica Hatch	Phone: (603) 800-7051
Address: 119 Rockingham Road, Windham, New H	lampshire 03087
Address:	
Applicant/Agent Information	
Name: <u>Patricia M. Panciocco, Esquire</u>	Phone: (603) 518-5370
Address: One Club Acre Lane, Bedford, New Hamp	pshire 03110
Address:	
Complete the Following	
1. Name and Title of person or board whose decis Town of Raymond Planning Board	ion you are appealing:
2. Date of the decision you are appealing: January 11, 2024	
3. Article & Section of the Zoning Ordinance involv Section 5.2.10.7	ved:

4. Nature of the decision you are appealing:

The Planning Board denied Owner's site plan application proposing propane storage, handling and delivery in the C-1 Zone. The basis of the Planning Board's decision was that Section 5.2.10.7 prohibits a "petroleum bulk plant or terminal" in the Groundwater Conservation Overlay District. However, 5.2.4.13 listing regulated products, and substances as those listed under 40 CFR 302, 7-1-05 edition, excludes propane and other liquified fuels which exist as gases at normal atmospheric temperature and pressure.

5. Reasoning for appeal:

The project successfully completed review by the Raymond Community Development and Planning department, the Raymond Technical Review Committee, and by Dubois & King, the Town's consulting engineer, as well as initially reviewed by the Rockingham County Planning Commission's circuit planner, and none of them questioned the proposed use of propane storage within the Groundwater Conservation Overlay District. Although NHDES regulates oil products, which it defines as synonymous with "petroleum and petroleum products" liquified propane is expressly excluded from this definition. RSA 146-A:2, III.


#### Signature of Applicant\*

\*If the applicant is not the property owner, then a notarized letter of permission from the property owner authorizing the applicant to represent their interests shall be provided.

Patricia M. Panciocco, Esq. Panciocco Law, LLC

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Applicant's Signature\*

February 9, 2024

Date

# RECEIVED

FEB 09 2024

### LIST OF ABUTTER NOTIFICATIONS

**TOWN OF RAYMOND** 

TAX MAP/LOT	STREET ADDRESS	OWNER/APPLICANT
Tax Map 32 Lot 69	Route 27	Jessica Hatch (Owner/Applicant) 119 Rockingham Road Windham, NH 03077
TAX MAP/LOT	STREET ADDRESS	ABUTTERS
Tax Map 32 Lot 2-33 Tax Map 32 Lot 2-34 Tax Map 32 Lot 2-35	232 Route 27 236 Route 27 238 Route 27	Jodi M. & Amy M. Grant 236 Route 27 Raymond, NH 03077
Tax Map 32 Lot 2-37	Route 27	Jessica Hatch 119 Rockingham Road Windham, NH 03077
Tax Map 32 Lot 2-38	75 Long Hill Road	Jason M. Gourley Heather A. Marston 75 Long Hill Road Raymond, NH 03077
Tax Map 32 Lot 2-40	71 Long Hill Road	Eugene W. & Laura L. Roy 71 Long Hill Road Raymond, NH 03077
Tax Map 38 Lot 4-60	3 Old Cart Road	June A. & Harold L. Barnard 3 Old Cart Road Raymond, NH 03077
Tax Map 38 Lot 4-61	1 Old Cart Road	Robert S. Rouse 1 Old Cart Road Raymond, NH 03077
Tax Map 38 Lot 4-62	2 Old Cart Road	Katie A. Mills 2 Old Cart Road Raymond, NH 03077
Tax Map 38 Lot 4-125	Route 27	Tranquility Estates Cooperative, Inc. 8 Old Cart Road Raymond, NH 03077

February 8, 2024

### LIST OF ABUTTER NOTIFICATIONS

	PROFESSIONALS
Attorney	Panciocco Law, LLC Attn: Patricia M. Panciocco, Esquire One Club Acre Lane Bedford, NH 03110
Civil Engineer	SFC Engineering Partnership, Inc. Attn: Daniel M. Flores, PE 183 Rockingham Road, Unit 3 East Windham, NH 03087
Land Surveyor	S&H Land Services LLC Attn: J. Robert Degan, LLC 141 Londonderry Turnpike Hooksett, NH 03106
Soil Scientist	BSC Group Attn: Luke Hurley 150 Dow Street Manchester, NH 03101
Fire Protection Engineer	SFC Engineering Partnership, Inc. Attn: Jeffrey M. Murphy, PE 183 Rockingham Road, Unit 3 East Windham, NH 03087

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#### 5160

Jessica Hatch 119 Rockingham Road Windham, NH 03077

Jason M. Gourley Heather A. Marston 75 Long Hill Road Raymond, NH 03077

Robert S. Rouse 1 Old Cart Road Raymond, NH 03077

Panciocco Law, LLC Attn: Patricia M. Panciocco, Esq. One Club Acre Lane Bedford, NH 03110

BSC Group Attn: Luke Hurley 150 Dow Street Manchester, NH 03101 Easy Peel Address Labels Bend along line to expose Pop-up Edge

Jodi M. & Amy M. Grant 236 Route 27 Raymond, NH 03077

Eugene W. & Laura L. Roy 71 Long Hill Road Raymond, NH 03077

Katie A. Mills 2 Old Cart Road Raymond, NH 03077

SFC Engineering Partnership, Inc. Attn: Daniel M. Flores, PE 183 Rockingham Road, Unit 3 East Windham, NH 03087

SFC Engineering Partnership, Inc. Attn: Jeffrey M. Murphy, PE 183 Rockingham Road, Unit 3 East Windham, NH 03087 Jessica Hatch 119 Rockingham Road Windham, NH 03077

June A. & Harold L. Barnard 3 Old Cart Road Raymond, NH 03077

Tranquility Estates Cooperative, Inc. 8 Old Cart Road Raymond, NH 03077

S&H Land Services LLC Attn: J. Robert Degan, LLC 141 Londonderry Turnpike Hooksett, NH 03106

Pat: avery.com/patents

# RECEIVED

### FEB 09 2024

### TOWN OF RAYMOND

February 9, 2024

To: Town of Raymond Zoning Board of Adjustment 4 Epping Street Raymond, NH 03077

### Re: Route 27, Tax Map 32 Lot 69, Raymond, NH

I, the undersigned, owner of the property located on Route 27 in Raymond, New Hampshire (Tax Map 32 Lot 69); authorize Patricia M. Panciocco, Esquire of Panciocco Law, LLC to submit all necessary zoning applications to the Town of Raymond Zoning Board of Adjustment for the subject property.

Very truly yours,

Jessica Hatch

STATE OF NEW HAMPSHIRE COUNTY OF HILLSBOROUGH

On this 9<sup>th</sup> day of February, 2024, personally appeared Jessica Hatch, known to me, or satisfactorily proven, to be the person whose name is subscribed to the foregoing instrument and acknowledged that she executed the same for the purposes therein contained, as her free act and deed.

Before me,

Notary Public My Commission Expires: February 16, 2027



# PANCIOCCO LAW, LLC

Patricia M. Panciocco \* \*Admitted in NH & ME One Club Acre Lane Bedford, New Hampshire 03110 <u>www.pancioccolaw.com</u> Tel. 603-518-5370 Fax 603-206-5946 E-mail: <u>Pat@pancioccolaw.com</u>

February 15, 2024

VIA E-MAIL ONLY - Planningtech@raymondnh.gov

Town of Raymond Attn: Christine Aiello 4 Epping Street Raymond, NH 03077

Re:Application for Appeal of Administrative DecisionOwner:Jessica HatchProperty:Route 27 (Tax Map 32 Lot 69), Raymond NH

Dear Christine:

This letter requests the Zoning Board continue the February 28, 2024 public hearing scheduled on the above-referenced matter to March 27, 2024 as I am out of the state on a previously scheduled trip. Ms. Hatch assents to this continuance. Please let me know if Ms. Hatch's attendance will be required on the 28<sup>th</sup>.

Should you have any questions, please feel free to contact this office. Thank you.

Sincerely yours,

Patrícia M. Panciocco

Patricia M. Panciocco

cc: Client



December 6, 2023

Jason Cleghorn, Community & Economic Development Director Raymond Community Development & Planning 4 Epping Street Raymond, NH 03077

### RE: Site Plan Review Application – Map 32 Lot 69

#### Dear Sir,

On behalf of Jessica Hatch, landowner, SFC Engineering (SFC) respectively submits this application for site plan review for property located on tax map 32 lot 69 fronting on NH Rout 27. We request to be placed on the agenda for the next available Planning Board hearing.

### Enclosed please find:

- A completed Site Plan Review Application package, which includes:
  - 1. Signed site plan review application & checklist
  - 2. Signed Conditional Use Permit application
  - 3. Waiver request
  - 4. Notarized Letter of Authorization from property owner
  - 5. Abutters list with tax map
  - 6. Project Narrative
  - 7. Traffic Impact Analysis
  - 8. Future building specifications
  - 9. Copy of proof of submittal to Dubois & King
- Application fee: \$2,062 check payable to Town of Raymond
- Funds to establish planning escrow account in accordance with fee schedule (\$1,250)
- (3) copies of mailing labels
- o (6) full-size copies of the site plan set dated November 8, 2023
- o (10) 11x17 copies of the site plan set dated November 8, 2023
- Drainage report with drainage plans
- o Complete plan set in pdf form emailed to Raymond Community Development

# Sincerely, *SFC ENGINEERING PARTNERSHIP, INC.*

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Daniel M. Flores, P.E. Project Manager

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Map #\_\_\_\_\_ Lot #\_\_\_69\_



# Site Plan Review Application Town of Raymond, NH

Project Name: Fuel NRG Raymond

Project Name: <u>Fuel NRG Raymond</u>
Location: NH Route 27 Raymond, NH
Project Description: New development consisting of a 30,000 gallon above ground liquid propane tank with <u>fueling area and truck parking and future 1,200 sf commercial building and 30,000 gallon</u> above ground liquid propane tank.
Zone: C1New Industrial/Commercial Square Footage:or Number of Residential Units:
Applicant/Agent Information:
Name: Daniel M. Flores, PE (agent)
Phone: <u>603-361-3294</u> Fax:
Company: SFC Engineering Partnership, Inc.
Address: 183 Rockingham Road Unit 3 East, Windham, NH 03087
By signing this application, you are agreeing to all rules and regulations of the Town of Raymond, and are agreeing to allow agents of the Town of Raymond to conduct inspections of your property during normal business hours to ensure compliance with all Raymond Zoning and Site Plan Review Regulations while your application is under consideration and during any construction and operational phases after approval is granted.
Signed* Date: 12/5/2023
*Requires notarized letter of permission
Owner Information:
Name: Jessica Hatch
Phone: <u>603-777-0386</u> Fax:
Company: Fuel NRG
Address: 119 Rockingham Road, Windham, NH 03087
Signed: Date: 12/5/2023
Designers of Record: Provide Name & License Number for each)
Engineer: Daniel M. Flores, PE #15761
Surveyor: J. Robert Degan, LLS #986
Soil Scientist: Luke D. Hurley #95
Landscape Architect: See waiver request
Fire Protection Engineer: Jeffrey M. Murphy, PE #12996
Other(s):
<u>FEES</u> : See attached Fee Schedule
For Office Use Only:
Date Application Received: Total Fees Collected w/Application:

Abutters List Received:

\_\_\_\_\_ Plans & Checklist Received: \_

# Appendix II

Site Plan Review Fees
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Sam	ple Chart Using			
18	0 sf per space			
1	\$ 514.80	Base Rate:	\$	300.00
2	\$ 579.60	(Includes staff wages with a 23 % roll-up rate)		
3	\$ 644.40			
4	\$ 709.20	Variable Costs (per newly created space):	\$	0.36
5	\$ 774.00			
6	\$ 838.80		Uni	ts - SF
7	\$ 903.60	POV Spaces:		180
8	\$ 968.40	Handicap Accessible Spaces:		320
9	\$ 1,183.20	Tractor Trailer		600
10	\$ 1,248.00			
11	\$ 1,312.80	CALCULATE APPLICATION FEE		
12	\$ 1,377.60	PARKING AREA CALCULATION		
13	\$ 1,442.40	AUTO PARKING: 3 X 180 SF = 540 SF		
14	\$ 1,657.20	HANDICAP SPACE: 1 X 320 = 320 SF		
15	\$ 1,722.00	TRUCK PARKING: 25' X 128' = 3200 SF		
16	\$ 1,786.80	TOTAL PARKING AREA = 4060 SF TOTAL PARKING FEE: (4060 SF X \$0.36) + (1.5 X \$300	0 <u> </u>	1 012
17	\$ 1,851.60	TOTAL FARKING FEE. (4000 SF X \$0.50) + (1.5 X \$500	) = .	p <u>1,912</u>
18	\$ 1,916.40	NOTIFICATIONS CALCULATION		
19	\$ 2,131.20	10 ABUTTERS + 1 LAND OWNER + 4 PROFESSIONAL	S =	15
20	\$ 2,196.00	TOTAL NOTIFICATION FEE: 15 X \$10 = \$ <u>150</u>		
21	\$ 2,260.80	TOTAL APPLICATION FEE = \$2,062		
22	\$ 2,325.60			
23	\$ 2,390.40	ABUTTERS FEE: \$10.00 PER NOTICE		

Escrow Deposits for Legal/Engineering/Other Peer Review Expenses <sup>1</sup>		
Minimum Fee (Discretion of the Technical Review Committee):	\$ 1,250.00	◀—
Disturbed Area <sup>2</sup> - Up to 5 Acres:	\$ 2,500.00	
Up to 10 Acres	\$ 3,250.00	
Up to 15 Acres:	\$ 4,000.00	
Up to 20 Acres:	\$ 4,500.00	
Over 20 Acres, but less than 30 acres:	\$ 5,000.00	
Over 30 Acres - To be determined by Town Engineer/Legal Counsel	TBD	

<sup>1</sup> Once a balance is reduced to 50% of the original deposit, the applicant shall replenish it to 100%.

<sup>2</sup> Disturbed area is defined as: That portion of the site that is altered due to construction of streets, roadways, parking areas, utilities, buildings or other physical improvements, including earth excavation, removal or altercation.

# **Site Plan Review Checklist**

TOWN OF RAYMOND, NH

### PROJECT NAME Fuel NRG

MAP# <u>32</u> LOT # <u>69</u> APPLICATION DATE\_\_\_\_\_ APPLICATION #\_\_\_\_\_

A copy of all plans and technical reports must be sent to the Town engineer. Proof of submittal must be provided to the Community Development Department at the time of application. If proof of transmittal is not provided, the application may be delayed until the following month's Planning Board meeting. Address is: Dubois & King, 15 Constitution Dr. Suite 1L, Bedford NH 03110, ATTN: Ross Tsantoulis.

SUBMITTED <i>YES NO</i>			WAIV YES	'ED <i>NO</i>
<u>✓</u>	1.	Name of project; names and addresses of owners of record; Tax map and lot number.		
✓ _	2.	Name, license number and seal of surveyor or other persons, north arrow, scale and date of plan; signature block.		
<u> </u>	3.	Vicinity sketch and zoning district(s).		
<u>✓</u>	4.	Abutters and uses of abutting land within 200 feet of the site.		
<u>✓</u>	5.	Shape, size, height, location and use of existing and proposed structures located on the site and within 200 feet of the site.		
<u>✓</u>	6.	Boundary lines, dimensions and bearings; lots area in acres And square feet and total disturbed area in square feet.		
<u>✓</u>	7.	Location, name and widths of any existing and proposed roads on the property and within 200 feet of the site		
✓ _	8.	Location of existing and proposed sidewalks and driveways, with indication of travel for both pedestrian and vehicular traffic.		
✓	9.	Access to the site, sight distance at access point(s), curb cuts and any proposed changes to existing streets; copy of driveway permit.		
<u> </u>	10.	Location and number of parking spaces; loading spaces.		
✓ _	11.	Location, type and nature of all existing and proposed Landscaping and screening.		
<u> </u>	12.	Location, type and nature of all existing and proposed exterior lighting.		
<b>∠</b>	13.	Natural features (streams, ponds, wetlands, etc.)		
<b>∠</b>	14.	Waste/dumpster locations and snow storage areas		

# **Site Plan Review Checklist**

TOWN OF RAYMOND, NH

SUBMITTED YES NO			WAIVE YES	ED NO	
✓	15.	Existing and proposed grades and contours, including base Flood elevation where appropriate.			
<u>~</u>	16.	Size and location of all existing and proposed water mains, sewers, culverts, and distances to the existing fire hydrants, cisterns and/ or fire ponds.			
<u> </u>	17.	Copy of certification from septic designer as to sufficiency of system.			
✓	18.	Location and type of proposed waste water disposal system; Outline of 4,000 sq. ft. area; test pits; record of percolation tests.			
<u>✓</u>	19.	Existing and proposed Storm water drainage system.			
<b>⊻</b>	20.	Location of existing and proposed on-site well (showing required radius on the property.)			
<u>✓</u>	21.	Soil survey data (see: requirements for soils and wetlands data)			
<u> </u>	22.	Location of any existing or proposed easements, deed restrictions, covenants.			
	1.	Any federal, state or local permits.			
<b>∠</b>	2.	Building elevations and design			
<u> </u>	3.	Sign location and design			
	4.	Copies of any proposed or existing easements, deed restrictions, covenants, and street deeds.			
	5.	Such additional studies as may be required.			
✓	6.	Six (6) full-size copies of all plans and ten (10) copies of all plans in 11 X 17 format, and digital copy of plans. *			
<u>✓</u>	7.	Three (3) copies of all studies*			
FEES	1. Ap	oplication Fees			
<b>∠</b>	2. Ab	outters Notice Fees (to include three (3) labels per abutter)			
<u>✓</u>	<ul> <li> 3. Engineering and Legal Review Escrow</li> </ul>				
<b>∠</b>	4. Sit	e Review-Administrative Fee			

Plans and reports were submitted to Town engineer on December 6, 2023 via USPS priority mail with signature confirmation. See receipt below with tracking number.

Town Engineer Address:

Dubois & King Attn: Ross Tsantoulis 15 Constitution Drive Suite 1L Bedford, NH 03110

	INITED OSTAL	SER	<u>TES</u> VICE.
DER	DERRY 24 TSIENNET RY, NH 0303 (800)275-8	8-1599	
12/06/2023			09:47 AM
Product	Qty	Unit Price	Price
Priority Mail® Bedford, NH Weight: 1 11 Expected De Thu 12/0 Tracking #:	03110 5 13.00 oz livery Date	)	\$9.80
Insurance			50 \$0.00
Up to \$ Signature Confirm	100.00 incl	uded	\$4.05
Total			\$13.85
Grand Total:			\$13.85
Credit Card Rem Card Name: Account #: Approval #: Transaction AID: A00000 AL: VISA CR	VISA XXXXXXXXXXXX 01438G #: 895 00031010 EDIT		\$13.85 Chip
PIN: Not Re	quired CAPI	TAL UNE	



### Application for Conditional Use Permit Groundwater Conservation Overlay District Town of Raymond, NH

### Conditional Use Permits are Subject to Site Plan Approval by the Planning Board

Raymond Zoning Ordinance, Article 5, Section 5.2

Map # <u>32</u> Lot # <u>69</u> Application Date <u>12/6/2023</u> App	lication #
Project Name: Fuel NRG Raymond	
Location: <u>Route 27 Raymond, NH Map #32 Lot #69</u>	
Zone: <u>C1</u> New Industrial/Commercial Square Footage: <u>1,200</u>	or Number of Residential Units:
Applicant/Agent Information:	

Name: Daniel M. Flores, PE (agent)	Phone:	603-361-3294	
Company: SFC Engineering Partnership, Inc.	Fax:		
Address: 183 Rockingham Road Unit 3 East, Windham, NH 03087			
Signed*:		Date: 12/5/2023	

Please Check All that Apply:

- 5.2.11. CONDITIONAL USES: The issuance of a Conditional Use Permit is subject to Site Plan Approval by the Planning Board. The Planning Board may grant a Conditional Use Permit for a use that is otherwise permitted within the underlying district, if the permitted use is or is involved in one or more of the following:
  - 5.2.11.1. Storage, handling, and use of regulated substances in quantities exceeding 100 gallons or 800 pounds dry weight at any one time, provided that an adequate spill prevention, control and countermeasure (SPCC) plan prepared in accordance with <u>Section 5.2.7</u> by a qualified professional, submitted to the Technical Review Committee for review and approval, with the final plan also submitted to the Raymond Fire Department and the Raymond Community Development Department for its records. The Technical Review Committee may employ the services of a qualified peer review professional to review the plan at the applicant's expense.

5.2.1

5.2.11.2. Any use that will render impervious more than 15% or 2,500 square feet of any lot, whichever is greater.

#### 5.2.11.3

In granting such approval the Planning Board must first determine that the proposed use is not a prohibited use and will be in compliance with the Performance Standards as well as all applicable local, state and federal requirements. The Planning Board may, at its discretion, require a performance guaranty or bond, in an amount and with surety conditions satisfactory to the Board, to be posted to ensure completion of construction of any facilities required for compliance with the Performance Standards. The amount of this bond shall be in addition to any other bond required by the Board under either the Subdivision or Site Plan Review Regulations.

### (Continued)



#### If you chose 5.2.11.1, above, you must provide a SPCC plan in accordance with the following:

- 5.2.7 SPILL PREVENTION, CONTROL AND COUNTERMEASURE (SPCC) PLAN: Conditional Uses, as described under <u>Section 5.2.11</u> of this Ordinance shall submit a spill control and countermeasure (SPCC) plan to the Technical Review Committee (TRC) who shall determine whether the plan will prevent, contain, and minimize releases from ordinary or catastrophic events such as spills, floods or fires that may cause large releases of regulated substances. It shall include:
  - 5.2.7.1 A description of the physical layout and a facility diagram, including all surrounding surface waters and wellhead protection areas;
  - 5.2.7.2 Contact list and phone numbers for the facility response coordinator, cleanup contractors, and all appropriate federal, state, and local agencies who must be contacted in case of a release to the environment;
  - 5.2.7.3 A list of all regulated substances in use and locations of use and storage;
  - 5.2.7.4 A prediction of the direction, rate of flow, and total quantity of regulated substance that could be released where industry experience indicates a potential for equipment failure;
  - 5.2.7.5 A description of containment and/or diversionary structures or equipment to prevent regulated substances from infiltrating into the ground; and
  - 5.2.7.6 Emergency response plan describing and assigning responsibilities and actions to be taken.

### **Raymond NH Planning Board Waiver Request Form**

Applicable to Site Plan Review and Subdivision Regulations

### **Project Name & Application Number:**

#### Regulation, Article & Section from which a waiver is being sought:

Section 3.03.03(c) of the Raymond Site Plan regulations, which requires a landscape plan prepared by a New Hampshire Licensed Landscape Architect.

Where the Planning Board finds that unnecessary hardship may result from strict compliance with these regulations with respect to a particular tract of land, the Board may modify or waive these regulations so that substantial justice may be done and the public interest is secured, provided that:

#### Please respond to the criteria below:

a. Explain how the granting of the waiver will not be detrimental to public safety, health, or welfare or injurious to other adjacent property;

The project has been design to be set off the road, and to retain a natural vegetated buffer. The property sits adjacent to the Tranquility Estates mobile home park, which abuts it to the north and east. We keep development 50' away from the property lines abutting the residential development. The property also abuts Dudley Brook to the south. We keep the development over 75' from the wetland, allowing natural vegetation to remain.

The proposed bioretention area for stormwater management will be a grasslined bioretention area. A grasslined bioretention area differs from a conventional bioretention area in that grass is provided versus native platings. Grasslined bioretention areas are an accepted practice by NHDES Alteration of Terrain Bureau. The UNH Stormwater Center has found that grass provides equal or better stormwater treatment than conventional native plantings, while proving to be a hardier vegetation with less need for upkeep.

The proposed alternatives will provide natural vegetative screening, and an industry-acceptable stormwater management approach without need for a plan prepared by a New Hampshire Licensed Landscape Architect.

b. Explain how granting this waiver shall not have the effect of nullifying the intent and purpose of these regulations, the Zoning Ordinance, Master Plan or Official Zoning Map;

Granting this waiver will not nullify the intent and purpose of these regulations, the Zoning Ordinance, Master Plan, or Official Zoning Map in that the project has been designed to retain natural vegetation to the maximum extent. Doing so achieves the desire of providing vegetated screening to adjacent residential property, and providing a vegetated buffer to the natural resource (Dudley Brook and adjacent wetlands).

In granting waivers, the Planning Board may require such conditions as will, in the Board's judgment, secure substantially the objectives of the standards or requirements of these regulations.

A petition for waiver shall be submitted by the applicant at the time when the application is filed for consideration by the Planning Board. All petitions shall be made in writing using the Town's Waiver Request Form. The petition shall state fully the grounds for the waiver and all of the facts relied upon by the petitioner.

Any granted waivers must be noted on the final approved plan.

\\srv03\appdata\public\Community Development Dept\Forms Updated September 21, 2017

# New Hampshire Department of Environmental Services (NHDES) Alteration of Terrain Newsletter November 2019 - Email #51

### **Optimizing Treatment for Phosphorus** and **Nitrogen**

A rule effective in August 2017, Env-Wq 1503.11(h) through (j), requires that for projects in certain locations, the applicant must demonstrate that there is not a net increase in phosphorous and/or nitrogen as a result of the project. The areas where stormwater must optimize for treatment of both nutrients are in watersheds of Outstanding Resources Waters, and Class A surface waters. These areas are delineated on the DES GIS Datamapper under the Alteration of Terrain screening layers.

<u>Phosphorus and nitrogen treatment is best provided in subsurface gravel wetlands, or in enhanced biofiltration</u> systems which include an internal storage reservoir (enhanced bio with ISR).

Although the BMP performance curves show high removal rates for nitrogen for infiltration systems, anaerobic treatment of nitrogen is necessary for high removal rates of dissolved inorganic nitrogen (DIN), which is a major concern in stormwater because it is the most bioavailable form of nitrogen. The anaerobic environments present in a gravel wetland or enhanced bio with ISR provide high removal rates for DIN. However, because gravel wetlands or enhanced bio with ISR do not infiltrate stormwater, some treatment for phosphorus is lost, and enhancements to the filter media are required to improve treatment for this pollutant.

The UNH Stormwater Center is developing a specification for enhanced bio with ISR. We hope to have this specification available in the coming months. In the meantime, please utilize gravel wetlands when necessary to treat for both phosphorous and nitrogen.

When it's necessary to provide optimized treatment only for N, gravel wetlands, or enhanced bio with ISR, should be used. When necessary to optimize treatment only for P, infiltration or non-underdrained filtration should be used. For enhanced phosphorous removal, drinking water residuals or iron filings at 5 percent (by volume) can be added to the filter media.

### **Vegetation in Bioretention Basins**

The UNH Stormwater Center recommends the use of grass on the bottom of bioretention basins. Although prohibited by Env-Wq 1508.07 (k)(6) for surface filters, DES allows (and actually encourages) the use of grass. Grass is more easily maintained, and it appears that the root structure may be more effective than roots of individual plantings in supporting an open structure in the soil and therefore helping to maintain infiltration rates.

### **Housekeeping Edits to BMP**

A revised Excel file was posted on our website in July. There were no revisions to the calculations, only formatting changes and clarification of the notations on the far right side of the sheets. The revised file can be downloaded at <u>https://www.des.nh.gov/organization/divisions/wa</u> <u>ter/aot/documents/bmp\_worksh.xls.</u>

To be sure you're using the most accurate worksheets, we recommend you download them from our website for each project.

December 5, 2023

Town of Raymond Community Development & Planning 4 Epping Street Raymond, NH 03077

#### **RE:** Owner Authorization - Map 32 Lot 69

To Whom it May Concern,

SFC Engineering Partnership, Inc. is authorized to represent Jessica Hatch, property owner, throughout the local approval process for proposed development of their property identified as Raymond tax map 32 lot 69.

Sincerely,

Jessica Hatch, Fuel NRG, Landowner

12/5/23

Date

This instrument was acknowledged before me on this  $_5$  day of <u>becember</u>, 2023.

Notary Public: My Commission expires: WENDY CHAMBERS Notary Public: My Commission Expires October 7, 2025

Ray	0 feet Abutters Lis mond, NH ember 04, 2023	t Report	
Subject Property	:		
Parcel Number:	032-000-069-000	Mailing Address:	HATCH, JESSICA
CAMA Number:	032-000-069-000-000		119 ROCKINGHAM ROAD
Property Address:	ROUTE 27		WINDHAM, NH 03077
Abutters:			
Parcel Number:	032-002-033-000	Mailing Address:	GRANT, JODI M. & AMY M.
CAMA Number:	032-002-033-000-000		236 ROUTE 27
Property Address:	232 ROUTE 27		RAYMOND, NH 03077
Parcel Number:	032-002-034-000	Mailing Address:	GRANT, JODI M & AMY M
CAMA Number:	032-002-034-000-000		236 ROUTE 27
Property Address:	236 ROUTE 27		RAYMOND, NH 03077
Parcel Number:	032-002-035-000	Mailing Address:	GRANT, JODI M & AMY M
CAMA Number:	032-002-035-000-000		236 ROUTE 27
Property Address:	238 ROUTE 27		RAYMOND, NH 03077
Parcel Number:	032-002-037-000	Mailing Address:	HATCH, JESSICA
CAMA Number:	032-002-037-000-000		119 ROCKINGHAM ROAD
Property Address:	ROUTE 27		WINDHAM, NH 03077
Parcel Number: CAMA Number: Property Address:	032-002-038-000 032-002-038-000-000 75 LONG HILL ROAD	Mailing Address:	GOURLEY, JASON M. HEATHER A. MARSTON 75 LONG HILL ROAD RAYMOND, NH 03077
Parcel Number:	032-002-040-000	Mailing Address:	ROY, EUGENE W & LAURA L
CAMA Number:	032-002-040-000-000		71 LONG HILL ROAD
Property Address:	71 LONG HILL ROAD		RAYMOND, NH 03077
Parcel Number: CAMA Number: Property Address:	038-004-125-060 038-004-060-000-000 3 OLD CART ROAD	Mailing Address:	BARNARD, HAROLD L JUNE A BARNARD 3 OLD CART ROAD RAYMOND, NH 03077
Parcel Number:	038-004-125-061	Mailing Address:	ROUSE, ROBERT S.
CAMA Number:	038-004-061-000-000		1 OLD CART ROAD
Property Address:	1 OLD CART ROAD		RAYMOND, NH 03077-4201
Parcel Number:	038-004-125-062	Mailing Address:	MILLS, KATIE A.
CAMA Number:	038-004-062-000-000		2 OLD CART ROAD
Property Address:	2 OLD CART ROAD		RAYMOND, NH 03077
Parcel Number: CAMA Number: Property Address:	038-004-125-000 038-004-125-000-000 ROUTE 27	Mailing Address:	TRANQUILITY ESTATES COOPERATIVE,INC. 8 OLD CART ROAD RAYMOND, NH 03077

CAI Technologies

12/4/2023

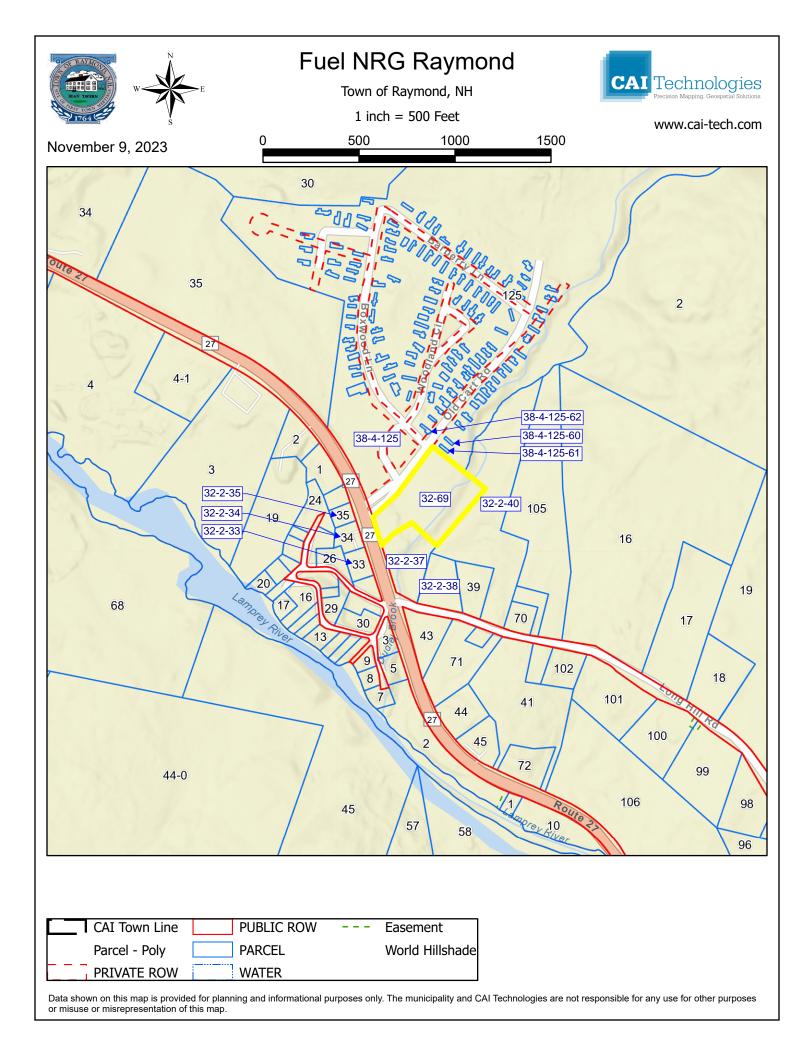
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Data shown on this report is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this report.



<u>CIVIL</u> <u>ENGINEER</u>

<u>LAND</u> <u>SURVEYOR</u>

<u>SOIL</u> <u>SCIENTIST</u>

<u>FIRE</u> <u>PROTECTION</u> <u>ENGINEER</u> SFC Engineering Partnership, Inc. Attn: Daniel M. Flores, PE 183 Rockingham Road, Unit 3 East Windham, NH 03087

S&H Land Services LLC Attn: J. Robert Degan, LLS 141 Londonderry Turnpike Hooksett, NH 03106

BSC Group Attn: Luke Hurley 150 Dow Street Manchester, NH 03101

SFC Engineering Partnership, Inc. Attn: Jeffrey M. Murphy, PE 183 Rockingham Road, Unit 3 East Windham, NH 03087

# **PROJECT NARRATIVE**

FUEL NRG MAP 32, LOT 69 ROUTE 27

# **A. PROJECT DESCRIPTION**

Fuel NRG proposes the development of a 30,000 gallon above ground liquid propane tank, fueling area, tank storage, and associated access drive and parking area on the vacant property located on NH Route 27 (tax map 32 lot 69). Future development is depicted that will include a 30' x 40' commercial building with parking, a second 30,000-gallon liquid propane tank, a well, septic system, and fire cistern with pump house.

# **B. EXISTING CONDITIONS**

The property is identified as lot 69 on tax map 32 consisting of 3.8± acres fronting NH Route 27 at the intersection of Old Cart Road (private road). The property is undeveloped, consisting of woodlands and meadow areas. Dudley Brook forms the southeasterly boundary of the property. Tranquility Estates mobile home park abuts the property to the north and east.

The property is flat, with a drop in the terrain at the lot center, and a further drop forming the embankment of Dudley Brook. A jurisdictional wetland abuts the brook, with no wetlands within the lot. Soils primarily consist of Hinckley loamy sand with seasonal water table greater than 72". No portion of the parcel is located within a flood hazard area, as interpreted from the FEMA Flood Insurance Rate Map for the Town of Raymond, Community-Panel number 33015C0187E dated May 17, 2005.

# **C. PROPOSED DEVELOPMENT**

Proposed development includes a fenced 30,000-gallon above ground liquid propane tank, gravel fueling area, gravel area with canopy for parking of up to 10 trucks, and a fenced gravel area for smaller tank storage. The site will accommodate future development consisting of a second 30,000-gallon liquid propane tank, a 30' by 40' single story commercial building with parking, pole barn over truck parking area, a private water well and septic system to support the building, and up to 30,000 gallons of fire cistern with fire pump building. Note that the cistern and fire pump are proposed for the future building, not for the liquid propane tanks.

# **D. ZONING REVIEW**

The property is primarily located in the Commercial C1 zone, with a small portion at the southeasterly corner in the Residential/Agricultural B zone. The proposed use is permitted in the C1 zone as a commercial service establishment.

Required property line setbacks are met with the proposed development. Note that we hold a 50' setback to land abutting the Tranquility Estates mobile home park.

Dudley Brook is not subject to NH Protected Shoreland (RSA 483-B); however, the wetlands abutting the brook require a 75' setback. Note that no development is proposed within this 75' wetland setback.

The parcel is located within Raymond's Groundwater Conservation Overlay District, which requires a Conditional Use Permit for storage, handling, and use of regulated substances in quantities exceeding 100 gallons or 800 pounds dry weight, or if greater than 15% of the lot area is made impervious. The post development impervious area will equal 23.5% of the lot area. A conditional use permit application is included.

# **E. WAIVER REQUESTS**

Our application includes a request to waiver section 3.03.03(c) of the Raymond Site Plan regulations, which requires a landscape plan prepared by a New Hampshire Licensed Landscape Architect.

# F. ENVIRONMENTAL CONSIDERATIONS

The property abuts Dudley Brook, which includes jurisdictional wetlands delineated along the edge of the water. The property is located within Raymond's Groundwater Conservation Overlay District due to location within the Wellhead Protection Area (see Exhibit A for NHDES Data Mapper).

The property is well suited for the proposed development: there are no wetlands within the project area and the terrain is mostly flat. The property is not within a flood hazard area.

In order to protect the integrity of the brook, we have designed the site to exceed Raymond's 75' wetland setback, allowing natural vegetation to remain. We have also designed the site to grade all runoff to a large bioretention area, positioned between the proposed development and the brook.

Liquid propane does not have the potential for environmental impacts, such as storage of fuel oils. Being a pressurized gas, liquid propane, if a leak were to occur, will not impact groundwater.

# G. STORMWATER MANAGEMENT

A stormwater management report has been prepared for the proposed development. The stormwater management system has been designed in accordance with section 6.11 of the Raymond Site Plan Regulations.

A bioretention area will be located southeasterly of the fueling area to capture stormwater runoff from the proposed development (both current and future phases). The bioretention area has been designed to capture, treat, and infiltrate runoff while reducing peak flows and volumes.

# H. WATER SUPPLY AND SEPTIC SERVICE

The current phase with just the bulk fuel tank will not require water supply or septic service.

The future phase development depicts locations of a private well and an Individual Sewage Disposal System (ISDS). Both are designed to meet applicable local and state standards.

# I. FIRE PROTECTION

The project plan set includes a sheet titled Fire Protection Site Plan. This plan depicts maneuvering for a fire apparatus, as well as review of applicable codes.

Note that the current phase fire protection needs for the bulk fuel tank will be met by the existing dry hydrant located near the intersection of Route 27 and Long Hill Road.

The future phase development will require installation of a fire cistern with fire pump to serve a sprinkler system that will be required in the buildings.

# J. ADDITIONAL PERMITTING

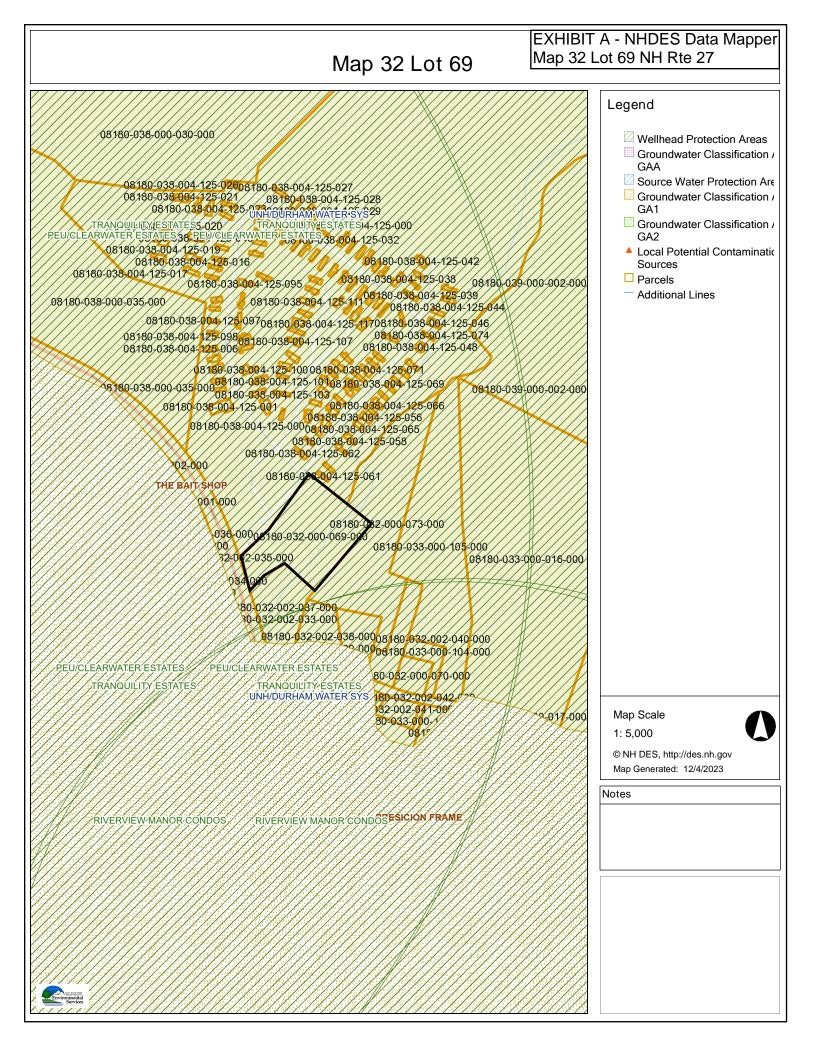
The current phase development will require the following land use permits:

- 1. NHDOT driveway permit. Application for a driveway permit was submitted to NHDOT on November 21, 2023.
- 2. Notice of Intent (NOI) with Storm Water Pollution Prevention Plan (SWPPP). An NOI must be filed with the EPA for 14 days prior to construction for coverage under the federal Construction General Permit (CGP) for construction activities that impact more than 1 acre.

The future phase development will require the following permits:

1. NHDES Construction Approval. The ISDS will require local review and approval prior to application to NHDES Subsurface Bureau.

-END-



# TRAFFIC IMPACT ASSESSMENT

FUEL NRG MAP 32, LOT 69 ROUTE 27

# **A. PROJECT DESCRIPTION**

Fuel NRG proposes the development of a 30,000 gallon above ground liquid propane tank, fueling area, tank storage, and associated access drive and parking area on the vacant property located on NH Route 27 (tax map 32 lot 69). Future development is depicted that will include a 30' x 40' commercial building with parking, a second 30,000-gallon liquid propane tank, a well, septic system, and fire cistern with pump house.

# **B. ANTICIPATED TRAFFIC**

The initial phase will include buildout of the 30,000-gallon liquid propane bulk fuel tank. This tank will serve the owner's fleet of 4 bobtail delivery trucks for fuel delivery in the local area. Parking will be provided for the 4 bobtail delivery trucks and the owner's fleet of 6 HVAC box trucks that provide service and installation to customers. For each truck, the owner anticipates an employee arriving in the morning to pick up the truck, then not returning until the end of the day, where the truck will be parked overnight. The bobtail delivery trucks will fuel up in the morning with sufficient fuel for their delivery route that day. The owner anticipates that a tanker truck will be needed once per week to refill the bulk fuel tank.

The future phase will include construction of a small office with retail space. The office will house on average one employee. The retail space will allow a customer to come to a showroom to see HVAC options. The owner anticipates perhaps 5 customers on a busy day.

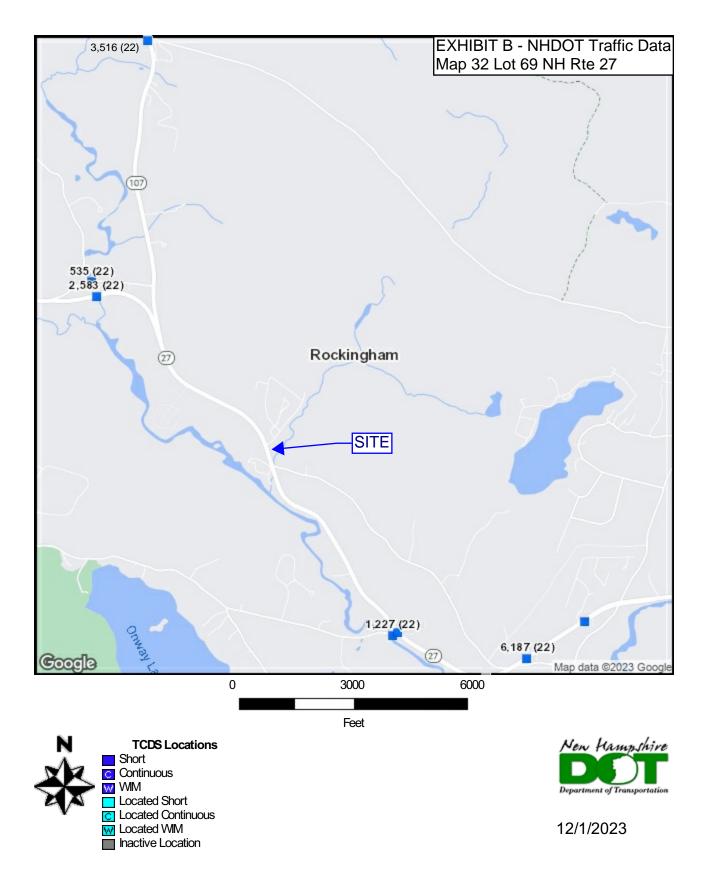
# **C. TRAFFIC IMPACT**

Review of the NHDOT Transport Data Management System provides Annual Average Daily Traffic (AADT) records on Route 27. See exhibit B for this data, which is copied below:

- Location ID 62115052 located north of the site with 2022 AADT of 3516 trips.
- Location ID 82383108 located south of the site with 2022 AADT of 6187 trips.

Based on the use of the property, we anticipate 54 average daily trips. This represents an increase in trips on the road of approximately 1.5%. It is concluded that the proposed development will have a negligible impact on traffic on Route 27.

-END-





252 W. Adams, P.O. Box 399 • Morton, Illinois 61550-0399

# **Building #1 Specifications**

g Info	Style	Width	Height	Length	Truss Spacing	Roof Pitch	Lower Chord	Peak Height	Soffit Height
Building	306	30'	14'	40'	8'	4/12	0/12	20' 6.5"	14' 9"
Bui	306 30'x14'x40' (#1) - Building Use: Commercial - Office and Warehouse								
Four	Foundation         Formed Concrete Foundation Wall with Spread Footing and Isolated Floor Slab (Form 222 - Detail #4/4B)(Form 222 - Detail #4) (By owner)         Laminated wood columns to be mounted to concrete foundation with steel column sockets using adhesive anchor rods, unless a professional engineer or design loads require other							in sockets	
		ar	using adhesive anchor rods, unless a professional engineer or design loads require other anchoring system. Treated Wood splashboard system.						
Sidir	ing South, East, North, West wall(s) Fluoroflex™ 1000 Hi-Rib Steel Minimum .019 (Fastened with Stainless Steel Screws)						(Fastened		
Wair	nscot		South, East, North, West with 36" tall Fluoroflex™ 1000 Hi-Rib Steel Minimum .019 wainscot (Fastened with Stainless Steel Screws)						
Prot	ective	ve Liner South, East, North, West wall(s) with 7/16" thick OSB by approx. 32" tall Protective Liner							
Root	F	wi St	Hi-Rib Steel Minimum .019 (Fluoroflex <sup>™</sup> 1000) (Fastened with Stainless Steel Screws) with Vent-A-Ridge Structure has been designed for the future installation of a snow retainage system (but not included at this time).						
Ovei	erhangs South, North wall(s) 1' Wide Vented Sidewall Overhang with Standard 6" fascia, 5" Gutters and 3"x4" Downspouts, with elbows at base East, West wall(s) 1' Wide Non Vented Endwall Overhang with Standard 6" fascia								
Walk 1 1	a <b>Door</b> A B	3' ou Fr	3' x 6'8" 9 Lite Tempered Glass in Leaf with Embossed Crossbuck Fibersteel Walk Door(s) out-swing right hinge with interconnected lever lockset/deadbolt, closer Framed Opening - 3070 Glass Entry Door out-swing right hinge Door Unit Not Included						
Wind 6	<b>dows</b> C	3'2	4"x4'0" M	B Single	Hung Window(s)	with low E gla	ss with argon, g	grids between	the glass

### Overhead Door Opening



252 W. Adams, P.O. Box 399 • Morton, Illinois 61550-0399

1 D 12'0" x 12'0" Overhead Door Opening (Requires a minimum 12' 2" X 12' 1" panel), OHD/ Operator requires 0' Headroom, Available Headroom is 2' 1"

### **Porches**

1

40' lineal feet of coverage, 8' wide Porch with 4/12 Pitch, approx. 12' 1" grade to porch frame Start porch on South wall 0' from left edge of building for 40' Start of porch open and end of porch open Roof of porch to be Fluoroflex™ 1000 Hi-Rib Steel Minimum .019 Morton Foundation System of concrete lower in ground with laminated wood column upper. Porch Frames with Soffit Under Porch 1' sidewall overhang with 5" Gutters and 3"x4" Downspouts, 1' overhang on West end and 1' overhang on East end Eyebrows 28 lineal feet of coverage, 2' wide Eyebrow, 6" fascia and 10/12 roof pitch, 8' grade to Е soffit

Start eyebrow on West wall 1 feet from left edge of building for 28 feet Start of eyebrow Hipped End and end of eyebrow Hipped End Roof of eyebrow to be Fluoroflex™ 1000 Hi-Rib Steel with 5" Gutter

### **Energy Performer**

1200 sq. ft Ceiling Finish with Hi-Rib Steel (.019 White CQ Polyester Solid) Fastened to Lower Chord of Truss with Painted Steel Screws, 4 Mil Vapor Retarder and Air Deflector at **Eaves Between Trusses** 

Interior Wall with 2"x4" Horizontal Stripping at 16" On Centers, Wall Cavity is Insulated with 6" Fiberglass Insulation and 4 Mil Vapor Retarder. 40' long, on South wall starting @ 0'

30' long, on East wall starting @ 0'

40' long, on North wall starting @ 0'

30' long, on West wall starting @ 0'

### **Subcontracts**

Install [1,200] Sq Ft of R-[49] fiberglass blown-in insulation in the attic area of the [30]' x [14]' x [40]' Morton Building.

Date: Page:

8/22/2023 4 of 8

252 W. Adams, P.O. Box 399 • Morton, Illinois 61550-0399

# 306 30'x14'x40' West and South Walls





Date: 8/22/2023 Page: 5 of 8

252 W. Adams, P.O. Box 399 • Morton, Illinois 61550-0399

# 306 30'x14'x40' East and North Walls



# TRC Fuel NRG 04JAN2024

Roll Call Dan Flores Jeff Murphy Chief Michael Labell Jason Cleghorn Rich Nunziato Scott Keddy Sarah Whearty Jason Grant Chief Paul Hammond Christine Aiello

# **Meeting Presentation**

The property is on 3.8 acres on Dudley Brook not Shoreland. There will be one 30,000-gallon liquid propane tank stored above ground. There will be 4 bobtail trucks on the premises and 1 tanker truck will be used weekly. The parking area allows for 10 trucks and will have bulk fuel storage. There will be an office, small showroom, and the ability to pay bills on location. During Phase 2 of the project, well and septic will be built to support the office.

The remaining permits needed for the project are the septic system, updated site plan, and the DOT driveway permits. The hours of operation will be about 7 or 8 AM start time and a 4 or 5 PM end time, Monday through Friday. The truck will deliver fuel in the morning and return in the afternoon. The tanker truck will refill the site between weekly or monthly depending on the supply during off hours.

The property will have fences around the tank area. The driveway will have a swing gate with a lock box for entry to act more as a deterrent gate. The slope grade of the driveway ranges from 1.78° to 6.5° to 1.0°. This still passes all fire regulations. The bioretention area will be a grass area as it is more effective than planting and mulch. There are only two test pits as the soil in these areas is similar to the rest of the surrounding areas.

The environmental impact of liquid propane is very minimal. As this is an above-ground tank, if any leakage occurs, the propane will evaporate. Propane is n the same as regular fuel which would contaminate the surrounding area. Propane is stored in the liquid form as it is pressurized gas. The vapor is what will be burned for energy. The gas is heavier than air. It is flammable, but once it contacts water, it will dissipate. There will be a large buffer for parking, along with a vertical curb around the parking area that will be added to the revised plans. As vertical impact prevention cannot affect stormwater runoff, there was discussion of using jersey barriers versus bollards.

For fire protection, a cistern will be built along with underground storage. There will be a fire extinguisher on site along with excess flow valves. The tanks used for storage will also have internal valves which will prevent exposure to propane if a breakage were to occur. All employees will have proper training for handling the tanks, propane, and emergency plans. All snow removal within the fenced in area with the tanks will be removed by hand. There will be 5-foot-wide gates in these areas to allow for entry as necessary. There may be potential for off-site monitoring for CCTV pending the necessity. The fire safety analysis will be provided once the draft is done for the checklist of the application. There is Zone G land in this area which will result in a conditional use permit.



January 10, 2024

Jason Cleghorn, Director Raymond Community Development 4 Epping Street Raymond, NH 03077 communitydevdirector@raymondnh.gov

# RE: DuBois & King Review Comments for Fuel NRG Tax Map 32 Lot 69

Mr. Jason Cleghorn,

SFC Engineering Partnership, Inc. (SFC) is in receipt of the review comments for the Fuel NRG project located at Raymond tax map 32 lot 69. Below provides the review comments with SFC answers in **blue**.

# Community Development Review Comments received by email on January 3, 2024:

1. Note 3A on sheet C2 needs to be amended to be clearer that the second propane tank is a future planned tank and that only one tank is being proposed at this time.

Note 3 has been revised as requested.

2. The notes in Note 3 sheet C2 need to be relettered as they are out of order.

Note 3 has been revised as requested.

3. Label clearly the limits of clearing separately from what is established on the plan as the tree line.

Limits of clearing have been denoted with a new line. Also see note #22 added to sheet C2.

4. The truck canopy lighting needs to be shown on the site plan unless it is mounted under the overhang of the roof. Add a detail if the lighting proposed there is different from the rest of the lighting shown on the plan.

The intent is for the lighting shown on the lighting plan to be sufficient for the yard lighting. Any lighting for the truck canopy will be placed under the overhang to light the immediate area covered by the canopy. Note #15 has been revised on sheet C2.

5. A copy of the NHDOT Driveway Permit will be required prior to final plan signature and a Town of Raymond Driveway Permit may be required. We can clarify with DPW at TRC tomorrow.

NHDOT issued driveway permit number 05-383-0025 dated January 2, 2024 (copy attached). Note #23 has been added to sheet C2.

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6. Fire will be prepared to discuss Phase 1 fire protection with you tomorrow at TRC.

No comment.

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7. It will be important to discuss the hours of operation and days of the week, etc. with the Planning Board at the meeting.

The owner states normal business hours will be Monday through Friday 8 am to 4:30 pm.

# DuBois & King Review Comments dated January 3, 2024:

### Boundary Plan, Sheet TSC5

1. We recommend the abutting landowner to the west side of the property be identified on the plan, in accordance with Town of Raymond, Site Plan Review Regulations, Section 5.02.02.

We request to not make these changes and instead treat this sheet as a standalone for the purpose of providing a stamped boundary plan prepared by a NH Licensed Land Surveyor. We instead show this information on the project existing conditions plan (sheet C1).

2. We recommend the Applicant locate all building setbacks required by the Zoning Ordinance, in accordance with Town of Raymond, Site Plan Review Regulations, Section 5.02.13. It appears the setback line for the east side of the property is missing for both zone B and C1.

### See response to number 1 above.

### Existing Conditions Plan, Sheet C1

1. The existing conditions plan shall be stamped by a Licensed NH Land Surveyor in accordance with Town of Raymond, Site Plan Review Regulations, Section 5.02.04.

Raymond Site Plan Review Regulations (RSPR) Section 5.02.04 states "The boundary lines of the area included in the site, including distance and bearings of the lines, dimensions and the lot area, prepared and stamped by a Licensed New Hampshire Land Survey." This information is included in the Boundary Plan (Sheet TSC5) bearing the stamp of a Licensed New Hampshire Land Surveyor.

Note that NH RSA 310-A:2 (IV) allows for "engineering surveys" by licensed Professional Engineers as follows:

"Engineering surveys" means any surveying activities required to support the sound conception, planning, design, construction, maintenance, and operation of engineering projects by persons licensed under this subdivision, but shall exclude the surveying of real property for the establishment or reestablishment of land boundaries, rights-of-way, easements, and the dependent or independent surveys or resurveys of the public land survey system.

The project existing conditions plan (sheet C1) has been stamped by a licensed NH professional engineer.

The plans meet the requirements of the RSPR.

2. It appears that the property is located in both commercial zone C1 and residential/agricultural zone B. We recommend adding the area and dimensional requirements from Table 15 for zone B.

# This information has been added to note #8 of the plan.

3. Location of site, tax map and lot number, current name(s) and address(es) of the owner(s) of record and abutting landowners shall be identified on the plan in accordance with Town of Raymond, Site Plan Review Regulations, Section 5.02.02.

# This information has been added to the plan.

4. Adjacent streets (including their widths), drives, and structures within 200 feet of the site boundaries should be shown on the plan in accordance with Town of Raymond, Site Plan Review Regulations, Section 5.02.06.

# This information has been added to the plan.

5. The footprint and height of the existing buildings on the site, and within 200 feet of the site boundaries, should be shown in accordance with Town of Raymond, Site Plan Review Regulations, Section 5.02.07.

# This information has been added to the plan.

6. The use of the abutting buildings should be identified on the plans in accordance with Town of Raymond, Site Plan Review Regulations, Section 5.02.09.

# This information has been added to the plan.

7. On-site and off-site (within 200 feet of the site boundaries) existing private and public utilities (including sewer, septic tanks, propane tanks and stormwater pipes inverts, sizes and slopes) should be identified on the plan in accordance with Town of Raymond, Site Plan Review Regulations, Section 5.02.10.

# This information has been added to the plan.

8. A description of NRCS soil types shall be included on the plan, in accordance with Town of Raymond, Site Plan Review Regulations, Section 5.02.11.

# The NRCS soil lines have been added to the plan. Soils have been added to the plan as note #11.

9. All building setbacks should be shown on the plans in accordance with Town of Raymond, Site Plan Review Regulations, Section 5.02.13.

# All required setbacks are shown on the plan.

# Site Development Plan, Sheet C2

1. Proposed driveways, parking spaces and sidewalk should show indication of direction of travel in accordance with Town of Raymond, Site Plan Review Regulations, Section 5.03.03.

# Direction of travel arrows are included on the plan.

2. A curb or a substantial bumper of masonry, concrete or bituminous concrete shall border all parking areas in accordance with Town of Raymond, Site Plan Review Regulations, Section 6.06.04b.

# The plan has been revised to show curbing at the future parking lot. Bituminous concrete curb detail has been added to sheet C8.

3. We recommend the Applicant revise the plan to indicate the proposed loading spaces and facilities associated with the structure on site in accordance with Town of Raymond, Site Plan Review Regulations, Section 5.03.04.

# The loading space at the overhead door of the future building has been labeled.

4. The annotation for the future 30,000 gallon cistern appears to point to two different structures. Please clarify.

# The label points to the fire cistern (depicted as 2 tanks) and the fire pump building to be attached to the back of the future commercial building.

5. No detail has been provided for the Vehicle Impact Protection. Please provide an explanation as to what this entails. If it is a raised concrete barrier, it will affect the Time of Concentration (Tc) lines shown on the proposed drainage plans.

The plan label has been revised to call for bollards. See the bollard detail on sheet C8.

# Site Grading & Utility Plan, Sheet C3

1. We recommend that the Applicant provide additional spot elevations (including office entrances) for the proposed building and parking lot edges to better clarify the intent of grading.

# Spot elevations have been added to the plan.

2. In compliance with the ADA, the maximum slope allowed for accessible parking is 2.08% in all directions.

### The added spot elevations demonstrate that this requirement is met.

3. It appears that in the eastern corner of the gravel parking area there is a conflict between the proposed grading contours and the proposed spot elevations.

# The proposed contour has been revised.

4. The maximum grade for access drives is 5% in accordance with Town of Raymond, Site Plan Review Regulations, Section 6.08.04. Particularly where the site will be used by large trucks carrying fuel, we recommend the applicant review and revise the slope of the access drive as necessary.

Raymond Site Plan Review Regulations (RSPR) Section 6.08.04 deals with the loading area surface. We believe the reviewer meant to reference Section 6.07.04, which states "The minimum grade for parking areas shall be 0.5%. The maximum grade shall be 5%." We see nowhere in the RSPR that limits access drives to a 5% grade.

The designed access drive has a maximum grade of 6.5% over approximately 90' of length. The grade allows passage of a fire truck without issue.

5. In accordance with the New Hampshire Stormwater Manual, Volume 2, Table 2-2., for infiltration basins with an area of 2,500 sf or more the minimum number of test pits / borings required is 2 (two). We recommend that the Applicant will provide another test pit for the 4,500 sf infiltration basin.

We request that one test pit at the bioretention location be acceptable. The second test pit observed in similar topography at the septic area shows soils to be consistent throughout the area.

# Fire Protection Site Plan, Sheet C4

1. We recommend that the Applicant meet with the Fire Department to review the protection activities, in accordance with Town of Raymond, Site Plan Regulations, Section 6.09.01.

Review with the Fire Department has been conducted.

2. We recommend that the Applicant should provide information if the fire truck turning movement path is in accordance with Town of Raymond, Fire Department standard fire trucks.

The turning path depicted conforms to Raymond requirements.

# Lighting Plan, Sheet C5

1. We recommend that the Applicant show the location of all proposed light poles on the plan.

We have revised the 5 light poles to be more visible on the plan.

### Construction Details Plan, Sheet C7 and C8

1. We recommend that the Applicant review the Bioretention System / Infiltration Basin detail (sheet C7) regarding the proposed media elevation and pond bottom area elevation and revise as necessary.

# The detail has been revised and corrected.

2. We recommend that all future improvements be annotated such that there is a clear distinction between proposed (current) improvements and future improvements.

The details for future development have been noted as such on the plans.

3. The applicant should clarify if the parking area profile detail on Sheet C7 is associated with the immediate proposed improvements or future development.

# This has been designated as future on the plan.

4. The pavement details on Sheet C8 include different base specifications. We recommend using the Pavement Detail at Paved Driveway for all paved areas; however, a note could be added that testing of existing materials can be done and if it is found to be within acceptable limits for Bank run gravel, native material may be substituted for the Bank run gravel layer.

# The pavement detail for the future parking area has been deleted. The note as suggested has been added to the remaining pavement detail.

### Stormwater Management Report and Pre- and Post-Development Drainage Plan

1. We recommend showing the total area and the average CN value for pre- and post-developed drainage (page 3, Stormwater Management Report).

# This has been added to the report – see sections F and G (page 2 of 3) of the drainage report.

2. The Time of Concentration (Tc) lines on both the pre- and post-development drainage plans should be reviewed and revised as necessary.

# They have been reviewed and no changes are required.

3. It appears that the impervious area associated with future paved parking, future sidewalk and the commercial building were not included in the drainage analysis for subcatchment 2P in the post-developed drainage report. We recommend reviewing and revising the calculations as necessary.

# The future phase was included in the modeling. The HydroCAD area listing has been revised to show this in Appendix D of the report.

4. We recommend clarifying the drainage flow from the future building, parking and sidewalk area. Based on the post-developed plan, it appears that another point of analysis or a closed drainage system will be necessary to route the flow to the proposed infiltration basin 4B.

# Subcatchment 3P has been added to include the future parking area, half the future building, and land at the northwesterly lot corner flowing to a catch basin that outlets at the bioretention area.

5. In the drainage report, the bottom elevation of the infiltration basin 4B is shown as 216.75 (media elevation). We recommend reviewing and revising the media elevation based on comment 1, Construction Details Plan, C7 and C8. Additionally, we recommend reviewing the required depth to SHWT in accordance with the NH Stormwater Manual Volume 2 (minimum of 3' from the bottom to SHWT).

The media elevation is correct at 216.75. We have revised the detail to show 24" of media depth and to remove the crushed stone below the media.

The bioretention area has been designed in conformance with Env-Wq 1508.08(i)(2) for a practice located within a groundwater protection area or water supply intake protection area, which allows a 12" separation to SHWT with a media depth of 24". SHWT is based on test pit #2 having a depth of 72" with no evidence of water table observed. The existing grade high contour at the bioretention is approximately elevation 221, resulting in greater than 12" separation to SHWT.

6. It appears that there is a discrepancy between the pond bottom area (value of 2,155 SF on the bioretention system detail) compared to 4,500 SF in the drainage report. We recommend that the Applicant review and revise the value as necessary.

The detail has been revised to show 4,500 sf.

Sincerely, SFC ENGINEERING PARTNERSHIP, INC.

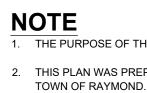
MO Daniel M. Flores, P.E. Project Manager

# LEGEND

	EXISTING	PROPOSED
PROPERTY LINE		
REBAR FOUND	O	
MONUMENT TO BE SET		•
EDGE OF PAVEMENT		
EDGE OF PAVEMENT WITH CURB		<u>9</u>
EDGE OF GRAVEL		
BUILDING SETBACK LINE		
ZONING BOUNDARY		
RAYMOND PROPERTY MAP	RPM	
TEMPORARY BENCH MARK	T <u>BM</u>	
CONTOURS		282
SPOT ELEVATIONS	× 152.6	•152.65
GRADE ARROWS		<u>2%</u> ₩
SOILS BOUNDARY	•••••••••••••••••••••••••••••••••••••••	
HIGH INTENSITY SOIL SYMBOL	211B	
NRCS SOILS BOUNDARY		
NRCS SOIL SYMBOL	799	
WETLAND BOUNDARY FLAG	WF#	
EDGE OF WATER		
TREE LINE	, MUN	Lun
CLEARING LIMIT	$\bigcirc$	www.www.www.www.
DECIDUOUS TREE		
UTILITY POLE	-0-	
GUY WIRE	$\downarrow$	
ELECTRIC TRANSFORMER		E
OVERHEAD UTILITIES	0/E&T	P0/E&T
UNDERGROUND UTILITIES		— — PU/E&T— —
UNDERGROUND ELECTRIC		— — PU/E— —
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CHAIN LINK FENCE		
TEST PIT		
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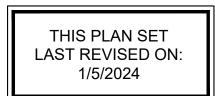
THIS PLAN SET SUBMITTED FOR PERMITTING AND CONSTRUCTION ESTIMATES. THIS PLAN SET SHALL NOT BE USED FOR CONSTRUCTION.

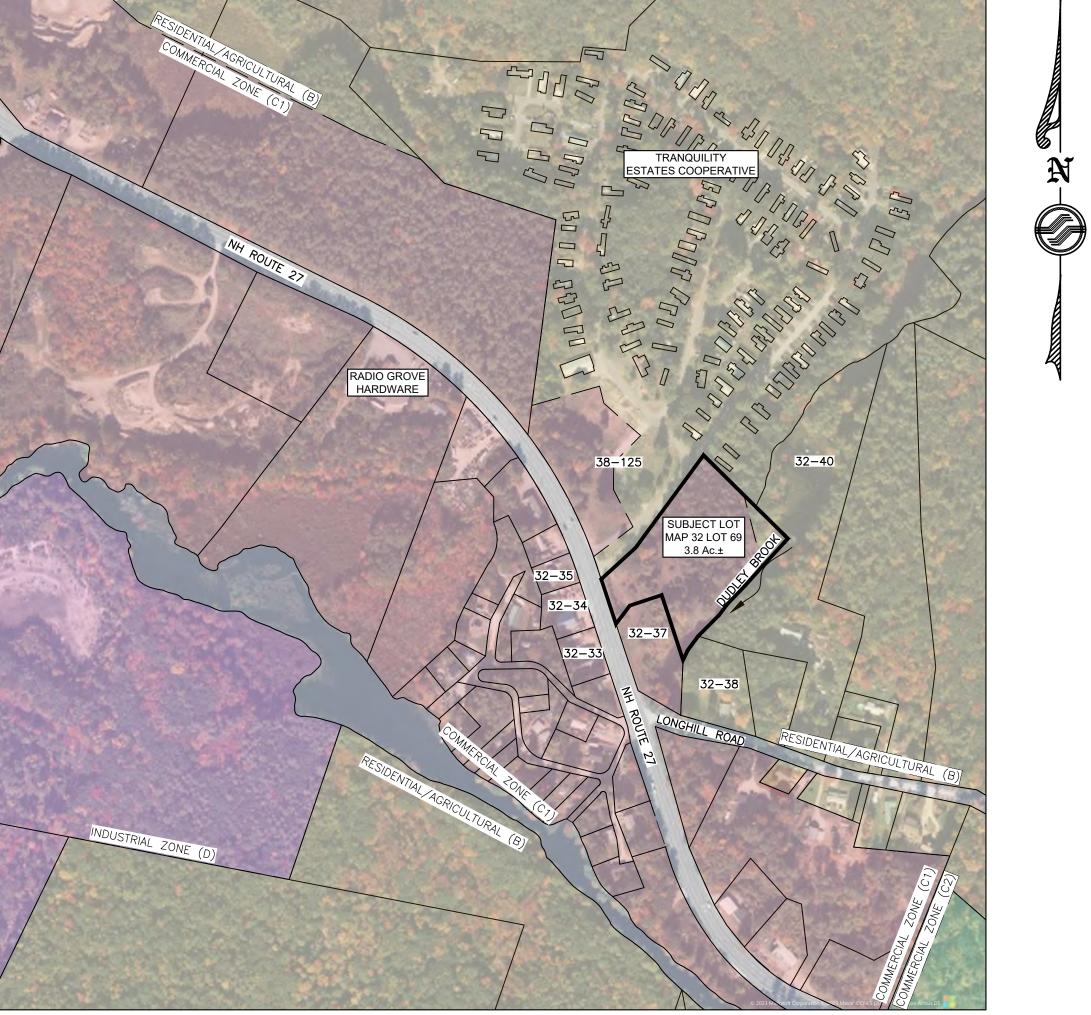
PALMER GAS AUTO REPAIR LAMPREY RIVER



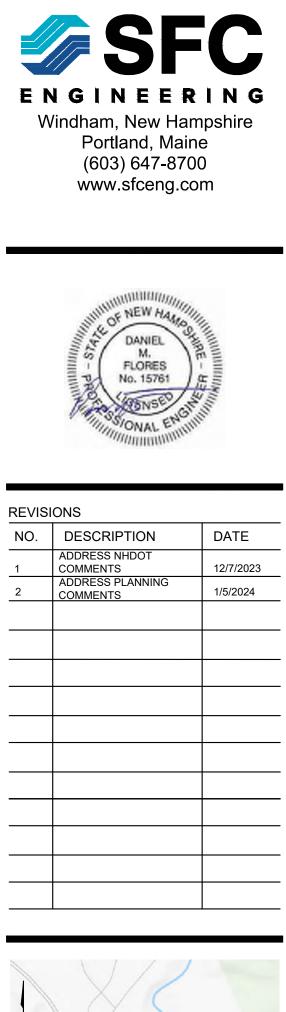
# Site Development Plans for Fuel NRG **NH Route 27** Raymond, NH

# November 8, 2023





1. THE PURPOSE OF THIS PLAN IS TO SHOW A GENERAL OVERVIEW OF RAYMOND TAX MAP 32 LOT 69. 2. THIS PLAN WAS PREPARED FROM THE PLANS OF REFERENCE AND THE ASSESSORS MAPS OF THE





Location Plan Prepared from Bing Maps

Project: Fuel NRG Raymond Route 27 Raymond, NH Rockingham County Tax Map 32, Lot 69

C1 COMMERCIAL ZONING DISTRICT

Prepared For:

Fuel NRG 119 Rockingham Road Windham, NH 03087

Designed By:	TDD	Date:	11/8/2023	
Drawn By:	RCC	Scale:	1" = 300'	
Checked By:	DMF	Project No:	666760	
Sheet Title:				

Title Sheet

**T1** 

# SHEET INDEX

SHEET NUMBER	DESCRIPTION	REVISION NUMBER	DATE
T1	TITLE SHEET	2	1/5/2024
	BOUNDARY PLAN		11/8/2023
C1	EXISTING CONDITIONS PLAN	1	1/5/2024
C2	SITE DEVELOPMENT PLAN	2	1/5/2024
C3	SITE GRADING & UTILITIES PLAN	2	1/5/2024
C4	FIRE PROTECTION SITE PLAN	1	1/5/2024
C5	LIGHTING PLAN	1	1/5/2024
C6	EROSION CONTROL DETAILS	1	1/5/2024
C7	CONSTRUCTION DETAILS	2	1/5/2024
C8	CONSTRUCTION DETAILS	2	1/5/2024



DIG SAFE 1-888-344-7233

© SFC ENGINEERING PARTNERSHIP INC. 2023

# REFERENCE PLANS

- 1. "A MAP OF A SUBDIVISION TO BE KNOWN AS MARTY'S STOP, OWNED BY JEAN R. & RITA L. DUBE AND SITUATED IN RAYMOND, N.H." DATED OCTOBER 17, 1975 AND PREPARED BY R.S.L. LAYOUT & DESIGN. R.C.R.D. PLAN #D-5511.
- 2. "PROPERTY IN THE TOWN OF RAYMOND, N.H., LEISURE VILLAGE MOBILE HOME COMMUNITY" LAST REVISED AUGUST 13, 1984 AND PREPARED BY HOLDEN ENGINEERING & SURVEYING, INC. R.C.R.D. PLAN #D-12875.
- 3. "PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. 240-D, SOUTH SIDE ROAD, TOWNS OF CANDIA - RAYMOND, ROCKINGHAM COUNTY" DATED 1932 AND PREPARED BY THE STATE OF NEW HAMPSHIRE STATE HIGHWAY DEPARTMENT. ON FILE WITH THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION.

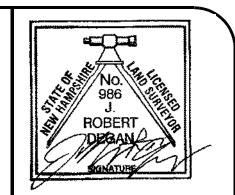
5/8" REBAR FOUND DOWN 1"



• MONUMENT TO BE SET		EDGE OF PAVEMENT
• BOUND FOUND	<u>\</u>	OVERHEAD WIRES
• REBAR FOUND	<u> </u>	EDGE OF WETLAND
UTILITY POLE		EDGE OF WATER

# SURVEYOR'S CERTIFICATION

"I HEREBY CERTIFY THAT THIS SURVEY AND PLAT WERE PREPARED BY ME OR THOSE UNDER MY DIRECT SUPERVISION AND IS THE RESULT OF AN ACTUAL FIELD SURVEY MADE ON THE GROUND AND HAS AN ERROR OF CLOSURE OF GREATER ACCURACY THAN ONE PART IN TEN THOUSAND (1:10,000)."



**TAX MAP 38 LOT 4-125** 

TRANQUILITY ESTATES

COOP, INC. 8 OLD CART ROAD

RAYMOND, NH 03077 BK: 6321 PG: 989

OLD

ROND

PSNH 124/2

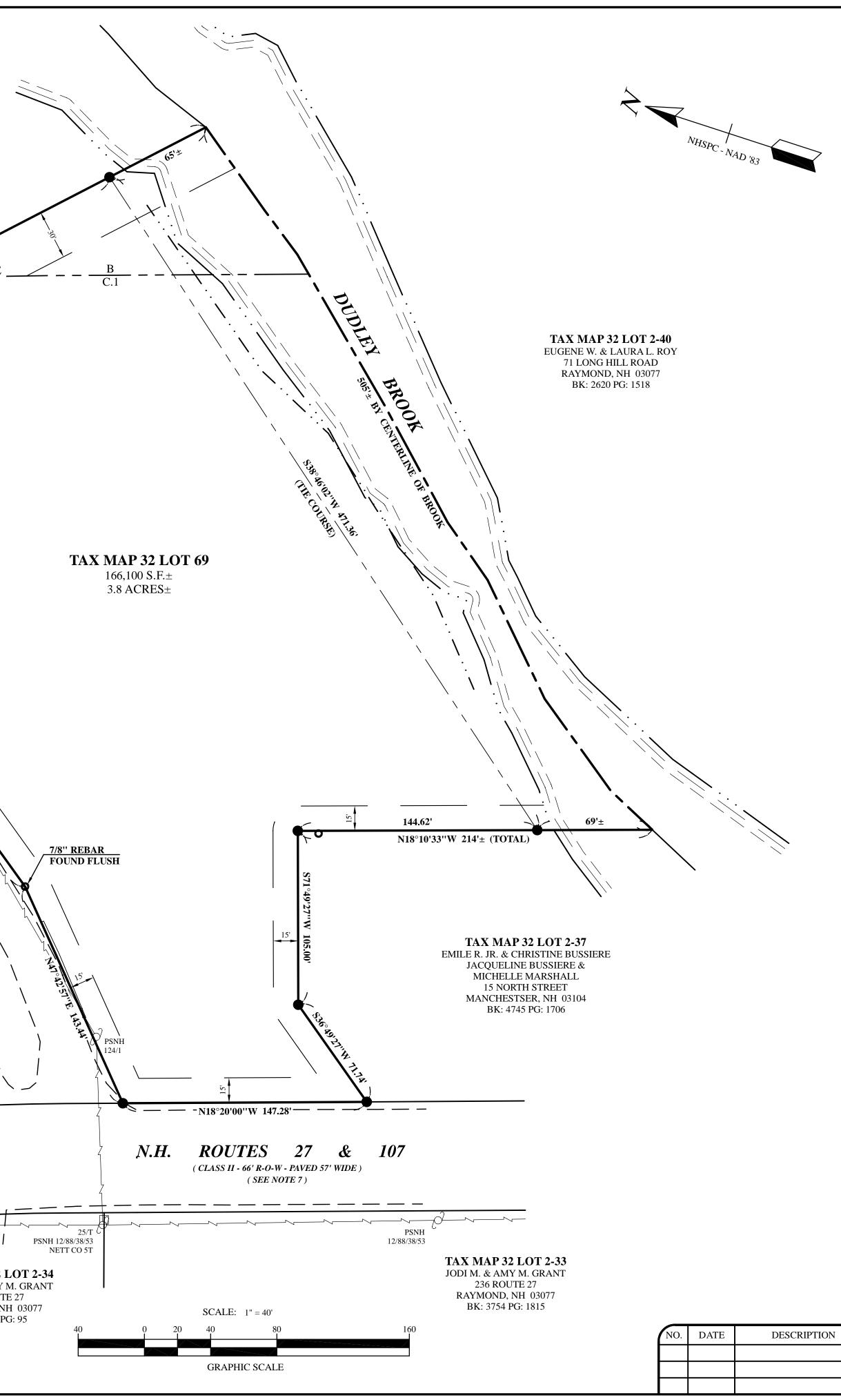
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**TAX MAP 32 LOT 2-34** JODI M. & AMY M. GRANT 236 ROUTE 27 RAYMOND, NH 03077 BK: 3168 PG: 95

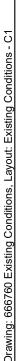


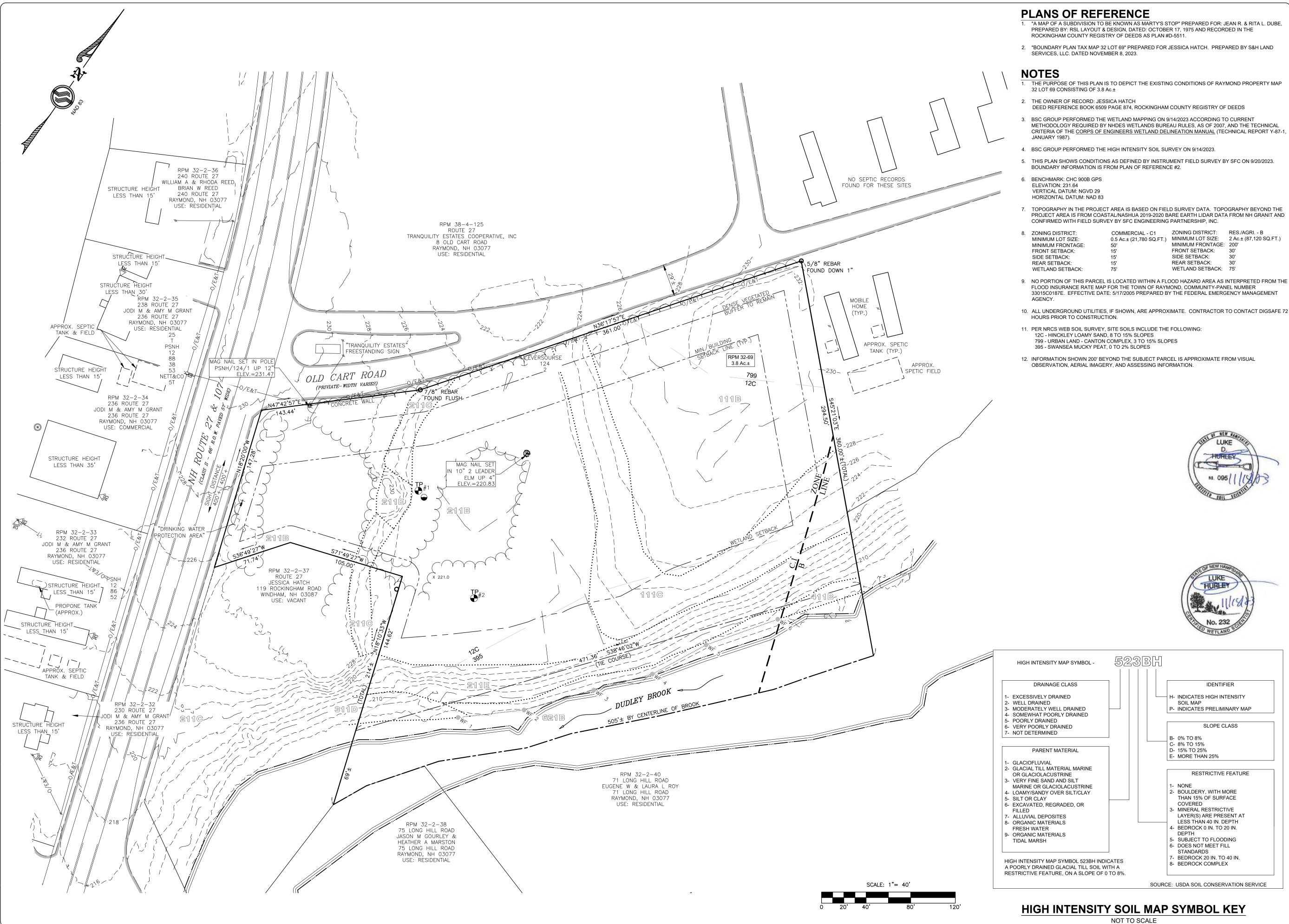
11/16/2023

DATE



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_		27 107		DUDUER ROAD	
		LAMPREY	RIVER	SITE LONG HILL RO	40
			LOCUS	MAP	
	NOTES		NOT TO SC	ALE	
	1. OWNER OF	RECORD:			
	TAX MAP 3 JESSICA H. 119 ROCKII WINDHAM BK: 6509 PC	ATCH NGHAM ROAI , NH 03087	)		
	2. THE INTEN	T OF THIS PL	AN IS TO SHO	W THE BOUNDARY	OF THE
				MENTS THEREON.	
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	<u>ZONE:</u> MIN. LOT S MIN. FRON	SIZE: $\overline{21},7$	80 SQ FT (0.5 A EET	C.) <u>B</u> 87,120 SQ FT (2 200 FEET	2.0 AC.)
	FRONT = SIDE =	BUILDING SE = 15 F = 15 F = 15 F	EET EET	30 FEET 30 FEET 30 FEET	
	EVIDENCE		MENTATION A	NDITIONS, BOUND S OBSERVED DURI	
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BY		141 LONDO	ONDERRY TURNPE	SERVICES, ICES.COM KE - HOOKSETT, NH 031 FAX: (603)-546-7791	
	SCALE: 1" = 40'	DATE: NOVE	EMBER 8, 2023	TSC5	JOB #2023244





TRICT: DT SIZE: CONTAGE:	COMMERCIAL - C1 0.5 Ac.± (21,780 SQ.FT.) 50'	ZONING DISTRICT: MINIMUM LOT SIZE: MINIMUM FRONTAGE:	RES./AGRI B 2 Ac.± (87,120 SQ.FT.) 200'
BACK:	15'	FRONT SETBACK:	30'
CK:	15'	SIDE SETBACK:	30'
ACK:	15'	REAR SETBACK:	30'
ETBACK:	75'	WETLAND SETBACK:	75'





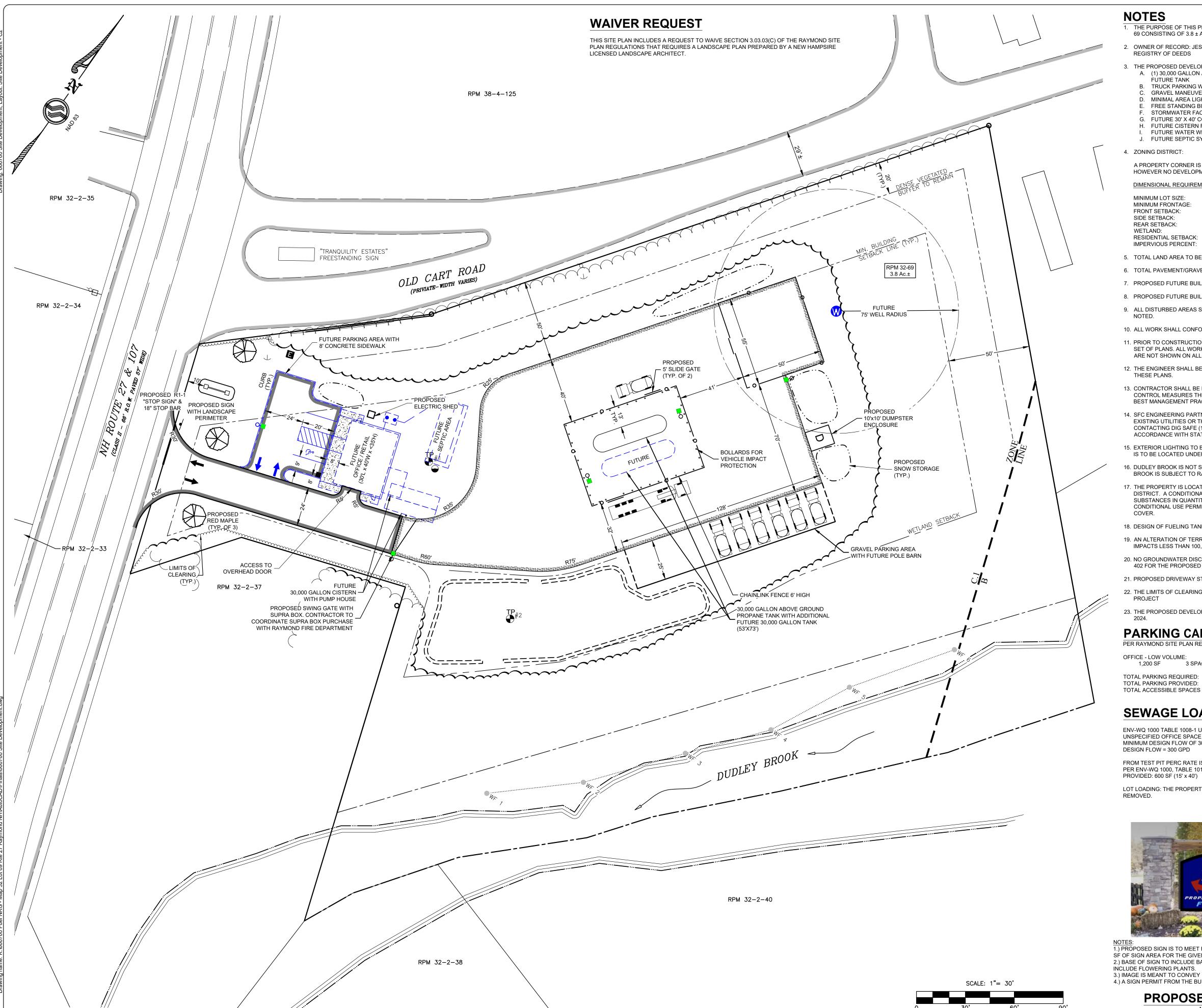
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DESCRIPTION ADDRESS PLANNING COMMENTS	DATE
	1/5/2024





1. THE PURPOSE OF THIS PLAN IS TO DEPICT THE DEVELOPMENT OF RAYMOND PROPERTY MAP 32 LOT 69 CONSISTING OF 3.8 ± Ac.

2. OWNER OF RECORD: JESSICA HATCH. REFERENCE BOOK 6509 PAGE 874, ROCKINGHAM COUNTY REGISTRY OF DEEDS

3. THE PROPOSED DEVELOPMENT FEATURES INCLUDE: A. (1) 30,000 GALLON ABOVE GROUND LIQUID PROPANE TANK, WITH SPACE FOR A SECOND FUTURE TANK TRUCK PARKING WITH CANOPY

GRAVEL MANEUVERING AREA FOR FUELING MINIMAL AREA LIGHTING

FREE STANDING BUSINESS SIGN F. STORMWATER FACILITY

G. FUTURE 30' X 40' COMMERCIAL BUILDING (RETAIL/SALES) H. FUTURE CISTERN FOR BUILDING SPRINKLER

I. FUTURE WATER WELL J. FUTURE SEPTIC SYSTEM

# COMMERICAL C1

A PROPERTY CORNER IS ALSO LOCATED WITHIN THE RESIDENTIAL/AGRICULTURAL (B) DISTRICT, HOWEVER NO DEVELOPMENT IS PROPOSED IN THAT AREA.

L REQUIREMENT	REQUIRED	PROVIDED
		(INCLUDES FUTURE)
T SIZE:	0.5 Ac	3.8 Ac
ONTAGE:	50'	147'
ACK:	15'	100'
CK:	15'	48'
CK:	15'	136'
	75'	99'±
SETBACK:	50'	50'
PERCENT:	15%	23.5%

5. TOTAL LAND AREA TO BE DISTURBED WITH THIS PROJECT: 66,800 SF ± (INCLUDES FUTURE)

6. TOTAL PAVEMENT/GRAVEL AREA AFTER DEVELOPMENT: 37,200 SF (INCLUDES FUTURE)

7. PROPOSED FUTURE BUILDING WILL BE SERVED BY ON-SITE WELL AND SEWAGE DISPOSAL SYSTEM. 8. PROPOSED FUTURE BUILDING WILL BE SERVED BY PROPANE.

9. ALL DISTURBED AREAS SHALL BE DRESSED WITH 4" OF LOAM AND SEEDED UNLESS OTHERWISE

10. ALL WORK SHALL CONFORM TO TOWN OF RAYMOND STANDARDS.

11. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THAT THEY HAVE THE MOST RECENT SET OF PLANS. ALL WORK SHALL BE PERFORMED USING A COMPLETE SET OF PLANS AS SOME ITEMS ARE NOT SHOWN ON ALL SHEETS.

12. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF CONDITIONS ARE FOUND THAT DO NOT MATCH

13. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING APPROPRIATE EROSION CONTROL MEASURES THROUGHOUT CONSTRUCTION IN ACCORDANCE WITH NHDES AND US EPA BEST MANAGEMENT PRACTICES.

14. SFC ENGINEERING PARTNERSHIP, INC. DOES NOT WARRANT THE LOCATION OR ELEVATION OF THE EXISTING UTILITIES OR THAT ALL ARE SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING DIG SAFE (1-800-394-7233) AT LEAST 72 HOURS PRIOR TO CONSTRUCTION IN ACCORDANCE WITH STATE LAW.

15. EXTERIOR LIGHTING TO BE SHIELDED AND DOWN TILTED. ANY LIGHTING OF THE FUTURE POLE BARN IS TO BE LOCATED UNDER THE ROOF OVERHANG.

16. DUDLEY BROOK IS NOT SUBJECT TO STATE OF NH SHORELAND PROTECTION (RSA 483-B). DUDLEY BROOK IS SUBJECT TO RAYMOND ZONE G (CONSERVATION DISTRICT).

17. THE PROPERTY IS LOCATED WITHIN THE RAYMOND GROUNDWATER CONSERVATION OVERLAY DISTRICT. A CONDITIONAL USE PERMIT IS REQUIRE IF STORAGE, HANDLING, AND USE OF REGULATED SUBSTANCES IN QUANTITIES EXCEEDING 100 GALLONS OR 800 POUND DRY WEIGHT IS PROPOSED. CONDITIONAL USE PERMIT ALSO REQUIRED IF GREATER THAN 15% OF THE LOT IS IMPERVIOUS

18. DESIGN OF FUELING TANKS AND APPURTENANCES BY OTHERS.

19. AN ALTERATION OF TERRAIN PERMIT FROM NHDES IS NOT REQUIRED BECAUSE THE PROJECT IMPACTS LESS THAN 100,000 SF.

20. NO GROUNDWATER DISCHARGE PERMIT OR REGISTRATION IS REQUIRED BY NHDES RULE ENV-WQ 402 FOR THE PROPOSED USE.

21. PROPOSED DRIVEWAY STOP BAR SHALL BE 18" WHITE THERMOPLASTIC PAINT.

22. THE LIMITS OF CLEARING LINE AND PROPOSED TREELINE DENOTE THE LIMITS OF CLEARING FOR THE

23. THE PROPOSED DEVELOPMENT RECEIVED NHDOT DRIVEWAY PERMIT 05-383-0025 DATED JANUARY 2,

# **PARKING CALCULATIONS FOR FUTURE BUILDING** PER RAYMOND SITE PLAN REVIEW REGULATIONS ARTICLE 6.06.01

LUME: 3 SPACES/ 1,000 SF	4 SPACES
REQUIRED:	4 SPACES
PROVIDED:	4 SPACES
LE SPACES PROVIDED:	1 SPACES

# SEWAGE LOADING FOR FUTURE BUILDING

ENV-WQ 1000 TABLE 1008-1 UNIT DESIGN FLOW UNSPECIFIED OFFICE SPACE REQUIRES 5 GPD PER 100 SF, OR 60 GPD PER EMPLOYEE, OR A MINIMUM DESIGN FLOW OF 300 GPD (ENV-WQ 1008.02)

FROM TEST PIT PERC RATE IS 2 MIN PER INCH PER ENV-WQ 1000, TABLE 1016-1, 125 SF PER 100 GPD REQUIRED

LOT LOADING: THE PROPERTY HAS CAPACITY FOR OVER 3,500 GPD WITH THE 75' WELL RADIUS



NOTES: 1.) PROPOSED SIGN IS TO MEET RAYMOND ZONING ORDINANCE WHICH ALLOWS UP TO 75 SF OF SIGN AREA FOR THE GIVEN LOT FRONTAGE. 2.) BASE OF SIGN TO INCLUDE BARK MULCH AND LANDSCAPING. LANDSCAPING TO 3.) IMAGE IS MEANT TO CONVEY EXAMPLE OF PROPOSED SIGN. ACTUAL SIGN MAY VARY.4.) A SIGN PERMIT FROM THE BUILDING DEPARTMENT IS REQUIRED.

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2	ADDRESS PLANNING COMMENTS	1/5/2024		



Location Plan Prepared from Bing Maps

Project:

**Fuel NRG Raymond** Route 27 Raymond, NH Rockingham County Tax Map 32, Lot 69

C1 COMMERCIAL ZONING DISTRICT

Prepared For:

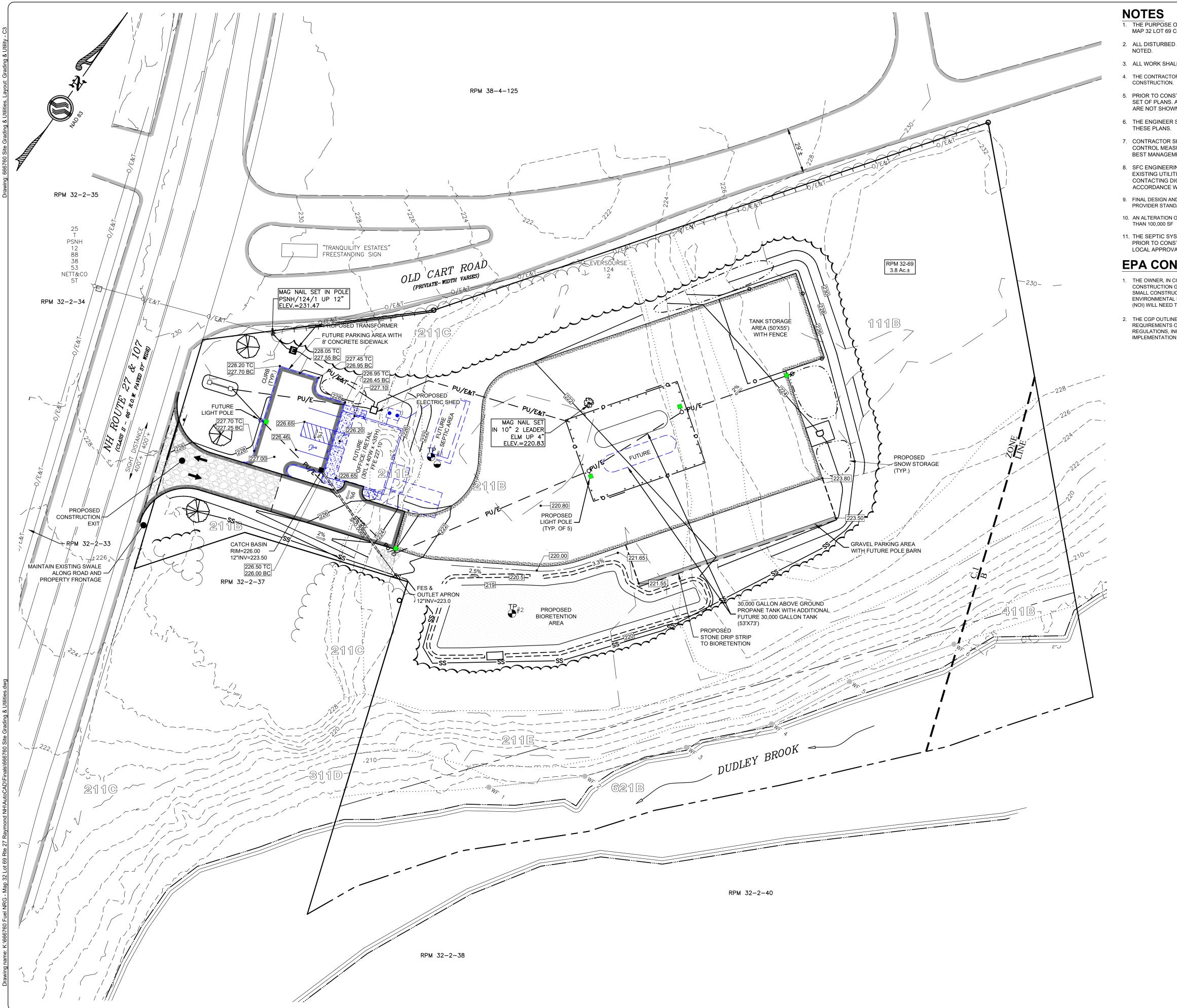
Fuel NRG 119 Rockingham Road Windham, NH 03087

esigned By:	TDD	Date:	11/8/2023
rawn By:	TDD	Scale:	1" = 30'
bockod By:		Project No:	666760

1" = 30' 666760

Sheet Title: Site Development Plan

**C2** 



1. THE PURPOSE OF THIS PLAN IS TO DEPICT THE GRADING AND UTILITIES OF RAYMOND PROPERTY MAP 32 LOT 69 CONSISTING OF 3.8 ± Ac.

2. ALL DISTURBED AREAS SHALL BE DRESSED WITH 4" OF LOAM AND SEEDED UNLESS OTHERWISE

3. ALL WORK SHALL CONFORM TO TOWN OF RAYMOND STANDARDS.

4. THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE TEMPORARY BENCHMARK (TBM) ELEVATIONS PRIOR TO

5. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THAT THEY HAVE THE MOST RECENT SET OF PLANS. ALL WORK SHALL BE PERFORMED USING A COMPLETE SET OF PLANS AS SOME ITEMS ARE NOT SHOWN ON ALL SHEETS.

6. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF CONDITIONS ARE FOUND THAT DO NOT MATCH 7. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING APPROPRIATE EROSION

CONTROL MEASURES THROUGHOUT CONSTRUCTION IN ACCORDANCE WITH NHDES AND US EPA BEST MANAGEMENT PRACTICES.

8. SFC ENGINEERING PARTNERSHIP, INC. DOES NOT WARRANT THE LOCATION OR ELEVATION OF THE EXISTING UTILITIES OR THAT ALL ARE SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING DIG SAFE (1-800-394-7233) AT LEAST 72 HOURS PRIOR TO CONSTRUCTION IN ACCORDANCE WITH STATE LAW.

9. FINAL DESIGN AND LAYOUT OF THE ELECTRICAL SERVICE IS TO CONFORM TO THE ELECTRIC SERVICE PROVIDER STANDARDS.

10. AN ALTERATION OF TERRAIN PERMIT FROM NHDES IS NOT REQUIRED BECAUSE THE PROJECT IMPACTS LESS

11. THE SEPTIC SYSTEM REQUIRES CONSTRUCTION APPROVAL FROM NHDES SUBSURFACE BUREAU PRIOR TO CONSTRUCTION. TOWN OF RAYMOND REQUIRES THAT THE TEST PIT BE WITNESSED. LOCAL APPROVAL OF THE SEPTIC SYSTEM IS REQUIRED PRIOR TO SUBMITTAL TO NHDES.

# **EPA CONSTRUCTION GENERAL PERMIT**

1. THE OWNER, IN CONJUNCTION WITH THE CONTRACTOR (OPERATORS), NEED TO COMPLY WITH A CONSTRUCTION GENERAL PERMIT (CGP) FOR LARGE CONSTRUCTION ACTIVITIES (FIVE OR MORE ACRES) OR SMALL CONSTRUCTION ACTIVITIES (GREATER THAN ONE ACRE BUT LESS THAN FIVE ACRES) FROM THE ENVIRONMENTAL PROTECTION AGENCY (EPA). AS PART OF THE CGP, A STORM WATER NOTICE OF INTENT (NOI) WILL NEED TO BE SUBMITTED TO THE EPA AT LEAST 14 DAYS PRIOR TO COMMENCING CONSTRUCTION.

2. THE CGP OUTLINES A SET OF PROVISIONS MANDATING THE OWNER AND CONTRACTOR TO COMPLY WITH THE REQUIREMENTS OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER REGULATIONS, INCLUDING, BUT NOT LIMITED TO, STORM WATER POLLUTION PREVENTION PLANS (SWPPP'S), IMPLEMENTATION OF EROSION AND SEDIMENTATION CONTROLS, EQUIPMENT MAINTENANCE GUIDELINES, ETC.

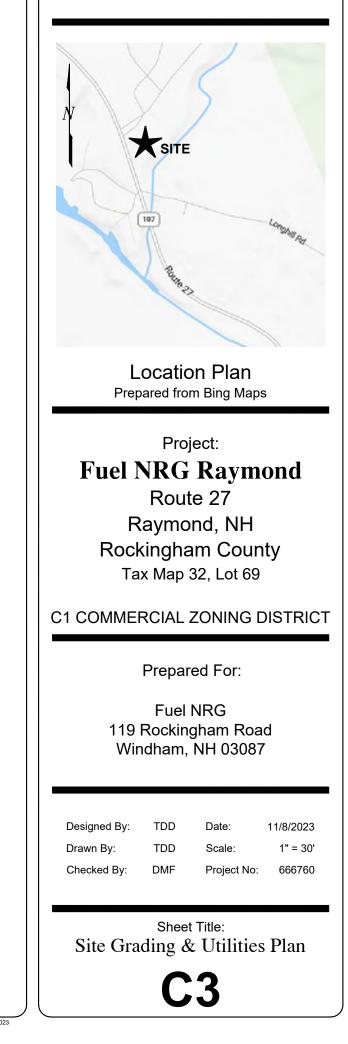
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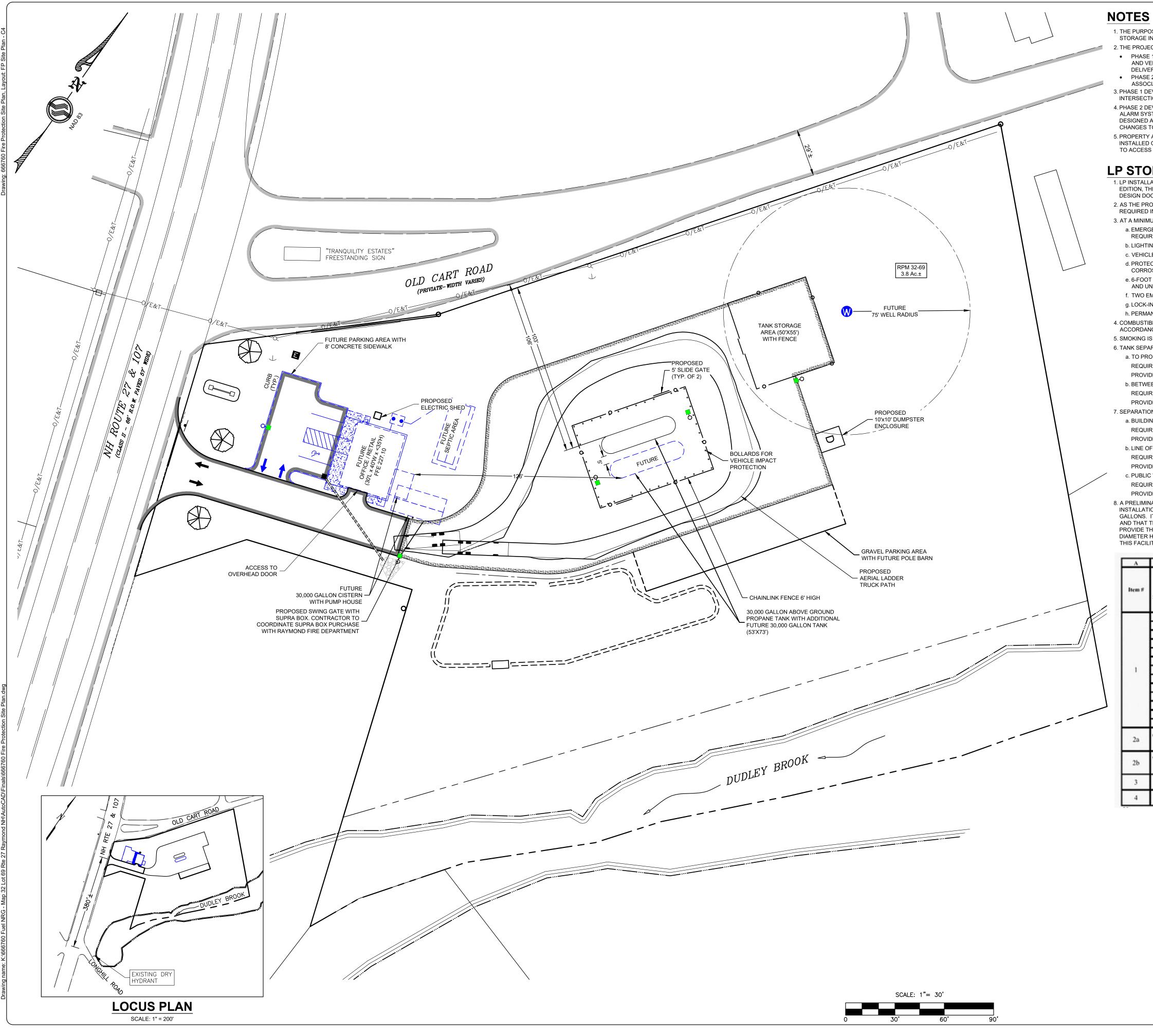


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1. THE PURPOSE OF THIS PLAN IS TO DEPICT GENERAL FIRE PROTECTION REQUIREMENTS FOR THE PROPOSED LP STORAGE INSTALLATION ON RAYMOND PROPERTY MAP 32 LOT 69 CONSISTING OF 3.8+/- AC. 2. THE PROJECT IS BEING PROPOSED IN TWO PHASES.

- DELIVERY.
- INTERSECTION OF NH RT. 27 AND LONGHILL ROAD.
- TO ACCESS ALL SECURED AREAS ON THE SITE.

# LP STORAGE NOTES

- b. LIGHTING TO ALLOW FOR NIGHTTIME OPERATIONS. c. VEHICLE IMPACT PROTECTION.
- CORROSION-CAUSING SUBSTANCES.

- ACCORDANCE WITH NFPA 58, SECTION 6.5.3.3.
- REQUIRED 50 FEET
- PROVIDED 103+ FEET **b. BETWEEN CONTAINERS** REQUIRED - 5 FEET
- PROVIDED 5 FEET
- **REQUIRED 25 FEET** PROVIDED - 126+ FEET
- **REQUIRED 25 FEET** PROVIDED - 103+ FEET
- REQUIRED 25 FEET PROVIDED - 106+ FEET
- THIS FACILITY.

A	В	с	D	E	F	G	н
Item #	ASME Container Size (gallons)	Total Surface Area of each Container <sup>1</sup> (ft <sup>2</sup> )	Surface Area of each container to be Cooled (ft2)	Water flow rate required per container (gpm)	Number of containers of the size indicated‡	Total Water flow rate required (gpm)	Total volume of water required for 10 min (gal)
	500	86	43	10.8		0.0	
	1,000	172	86	21.5		0.0	
	2,000	290	145	36.3	E	0.0	La California
	4,000	374	187	46.8	5	0.0	
	6,500	570	285	71.3	10000000000	0.0	
	9,200	790	395	98.8		0.0	State State State
1	12,000	990	495	123.8		0.0	Mar Starten
	18,000	1,160	580	145		0.0	Carl State and
	30,000	1,610	805	201.3	2	402.5	
	45,000	2,366	1,183	295.8		0.0	a toma a section of
	60,000	3,090	1,545	386.3	100000000000000000000000000000000000000	0.0	
	90,000	4,600	2,300	575		0.0	
-	Other Size		0	0.0		0.0	
2a	Calculated wat container	er flow rate for protection				402.5	
2b	Water flow rate nearest mul					500	
3		if required 🗹				250	
4		low rate and				750.0	7,500.0

PHASE 1 INCLUDES THE INSTALLATION OF TWO 30,000 GALLON LP STORAGE TANKS PROTECTED BY FENCING AND VEHICLE BARRIERS, AND A FENCED STORAGE AREA FOR UNFILLED LP TANKS AWAITING CUSTOMER

• PHASE 2 WILL INCLUDE THE CONSTRUCTION OF A SINGLE-STORY OFFICE/RETAIL BUILDING WITH ASSOCIATED PARKING, AND A POLE-BARN STYLE VEHICLE SHELTER. 3. PHASE 1 DEVELOPMENT IS INTENDED TO BE SERVICED BY THE EXISTING DRY HYDRANT LOCATED AT THE

4. PHASE 2 DEVELOPMENT WILL REQUIRE THE INSTALLATION OF AN AUTOMATIC SPRINKLER SYSTEM AND A FIRE ALARM SYSTEM. THIS PLAN SHOWS A SCHEMATIC LAYOUT OF A WATER SUPPLY SYSTEM THAT WILL BE DESIGNED AND PERMITTED THROUGH RAYMOND FIRE DEPARTMENT AT A LATER DATE. ANY SUBSTANTIAL CHANGES TO THE PROPOSED DEVELOPMENT MAY NEED TO BE APPROVED BY THE RAYMOND PLANNING BOARD. 5. PROPERTY ACCESS WILL BE SECURED BY MANUAL SWING GATE NORMALLY LOCKED. SUPRA BOX TO BE INSTALLED ON GATE POST TO PROVIDE ACCESS TO EMERGENCY RESPONDERS. SUPRA BOX TO CONTAIN MEANS

1. LP INSTALLATION TO BE DESIGNED, PERMITTED AND CONSTRUCTED IN ACCORDANCE WITH NFPA 58, 2020 EDITION, THE NH STATE FIRE CODE AND ALL LOCAL REGULATIONS. THIS PLAN IS NOT INTENDED TO SERVE AS A DESIGN DOCUMENT FOR THE LP INSTALLATION. FINAL LP DESIGN BY OTHERS.

2. AS THE PROPOSED INSTALLATION EXCEEDS 4,000 GALLONS OF STORAGE, A FIRE SAFETY ANALYSIS (FSA) IS REQUIRED IN ACCORDANCE WITH NFPA 58. FSA BY OTHERS.

3. AT A MINIMUM THE FOLLOWING IS REQUIRED (WHETHER OR NOT SHOWN ON THIS PLAN):

a. EMERGENCY SHUT-OFF VALVES, BACKFLOW CHECK VALVES AND EMERGENCY DISCHARGE CONTROL AS REQUIRED BY FINAL TANK AND PIPING DESIGN.

d. PROTECTION AGAINST CORROSION WHERE PIPING IS IN CONTACT WITH SUPPORTS OR

e. 6-FOOT PERIMETER FENCE TO ENCLOSE CONTAINER, APPURTENANCES, PUMPING EQUIPMENT, LOADING AND UNLOADING AND CONTAINER FILLING FACILITIES.

f. TWO EMERGENCY EGRESSES FROM THE FENCED ENCLOSURE.

g. LOCK-IN PLACE DEVICES TO PREVENT UNAUTHORIZED USE OF THE LP INSTALLATION. h. PERMANENTLY MOUNTED DRY CHEMICAL EXTINGUISHER OF AT LEAST 18 LBS HAVING A B:C RATING. 4. COMBUSTIBLE MATERIALS ARE NOT PERMITTED WITHIN 10 FEET OF THE PROPOSED IN-USE LP CONTAINER IN

5. SMOKING IS PROHIBITED AT THE FACILITY IN ACCORDANCE WITH NFPA 58, SECTION 7.2.3.2 (B) AND 9.4.10. 6. TANK SEPARATION REQUIREMENTS FOR 30,000 GALLON CONTAINER:

a. TO PROPERTY LINE, IMPORTANT BUILDING, OR OTHER PROPERTY

7. SEPARATION DISTANCES BETWEEN POINTS OF TRANSFER AND OTHER EXPOSURES: a. BUILDINGS WITH OTHER THAN AT LEAST 1-HOUR FIRE-RATED WALLS

b. LINE OF ADJOINING PROPERTY THAT CAN BE BUILT UPON

c. PUBLIC WAYS, INCLUDING PUBLIC STREETS, HIGHWAYS, THOROUGHFARES, AND SIDEWALKS

8. A PRELIMINARY FIRE SAFETY ANALYSIS REVIEW ANTICIPATES A NEEDED WATER FLOW RATE AFTER THE INSTALLATION OF BOTH TANKS TO BE 750 GPM FOR 10 MINUTES FOR A TOTAL MINIMUM WATER NEED OF 7,500 GALLONS. IT IS ASSUMED THAT THE DRY HYDRANT IS CAPABLE OF PROVIDING THE NEEDED FLOW QUANTITY AND THAT THE RAYMOND FIRE DEPARTMENT, ALONG WITH ITS MUTUAL AID PARTNERS, IS ABLE TO EFFECTIVELY PROVIDE THE WATER USING A COMBINATION OF TANK WATER AND/OR THE HYDRANT ALONG WITH LARGE DIAMETER HOSE AND TANKER SHUTTLES. NO ADDITIONAL FIRE PROTECTION MEASURES ARE PROPOSED FOR

FSA FORM 8.3 (PRELIMINARY)

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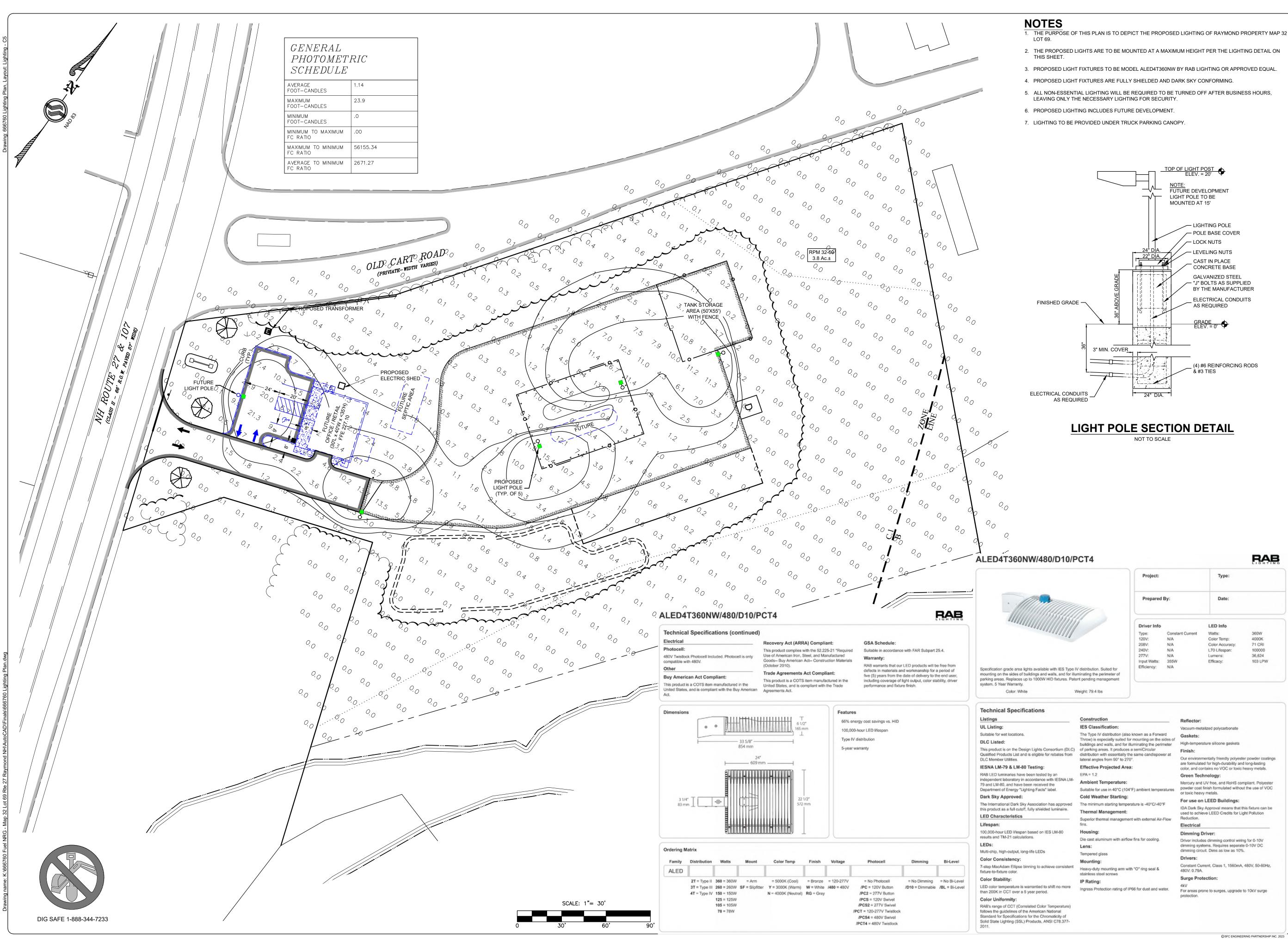
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# REVISIONS NO. DESCRIPTION DATE \_\_\_\_ ADDRESS PLANNING COMMENTS 1/5/2024



Project: **Fuel NRG Raymond** Route 27 Raymond, NH Rockingham County Tax Map 32, Lot 69

C1 COMMERCIAL ZONING DISTRICT

# Prepared For:

Fuel NRG 119 Rockingham Road Windham, NH 03087

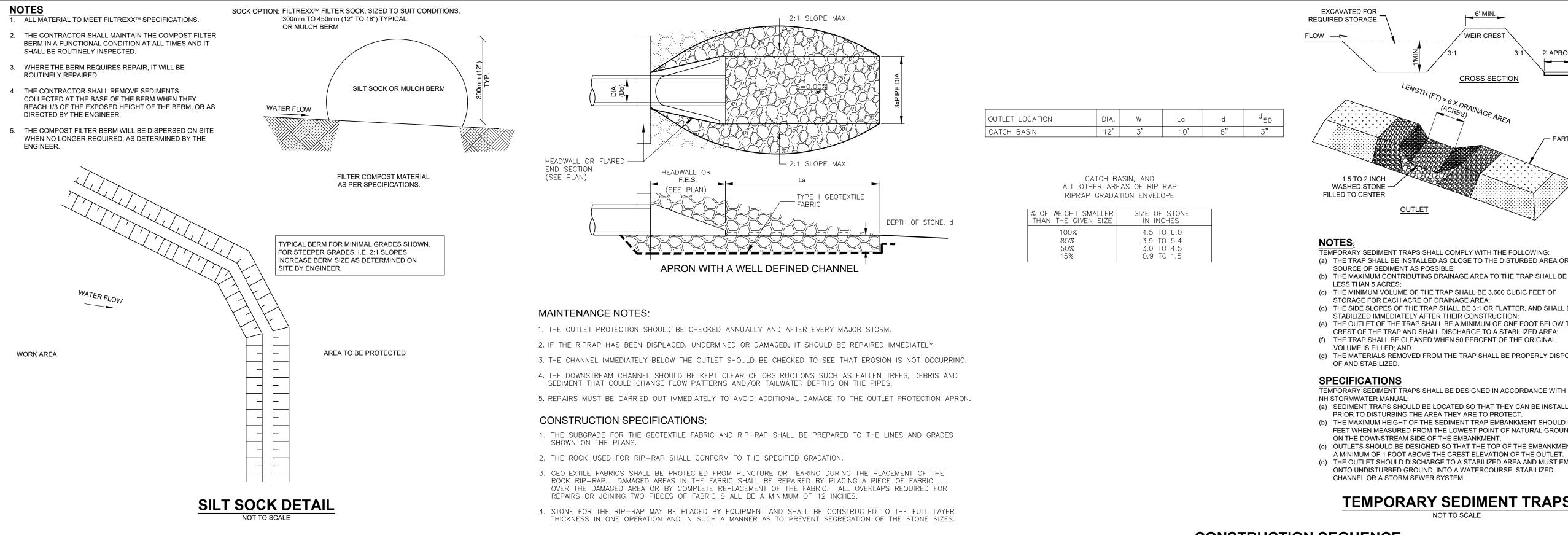
Designed By:	JRB	Date:	11/8/2023
Drawn By:	JRB	Scale:	1" = 30'
Checked By:	DMF	Project No:	666760

Sheet Title: Lighting Plan

**C5** 

Construction	Reflector:		
IES Classification:	Vacuum-metalized polycarbonate		
The Type IV distribution (also known as a Forward Throw) is especially suited for mounting on the sides of	Gaskets:		
uildings and walls, and for illuminating the perimeter	High-temperature silicone gaskets		
f parking areas. It produces a semiCircular istribution with essentially the same candiepower at	Finish:		
Effective Projected Area:	Our environmentally friendly polyester powder coating		
	are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.		
PA = 1.2	Green Technology:		
Ambient Temperature: Suitable for use in 40°C (104°F) ambient temperatures	Mercury and UV free, and RoHS compliant. Polyester		
	powder coat finish formulated without the use of VC or toxic heavy metals.		
Cold Weather Starting:	For use on LEED Buildings:		
The minimum starting temperature is -40°C/-40°F			
Thermal Management: Superior thermal management with external Air-Flow fins. Housing: Die cast aluminum with airflow fins for cooling.	IDA Dark Sky Approval means that this fixture can be used to achieve LEED Gredits for Light Pollution Reduction.		
			Electrical
	Dimming Driver:		
	Driver includes dimming control wiring for 0-10V		
	Lens:	dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.	
fempered glass	Drivers:		
Mounting:			
-leavy-duty mounting arm with "O" ring seal & daintess steel acrews	Constant Current, Class 1, 1560mA, 480V, 50-60Hz, 480V; 0.79A.		
IP Rating: Ingress Protection rating of IP66 for dust and water.	Surge Protection:		
	4kV For areas prone to surges, upgrade to 10kV surge protection.		

RAB



PLANT SELECTION AND SEEDING RATES			
SPECIES	PER ACRE BUSHELS (BU) OR POUNDS (LBS)	PER 1,000 SF	REMARKS
WINTER RYE	2 BU OR 112 LBS	2.5 LBS	BEST FOR FALL SEEDING. SEED FROM MAY 15 TO JUNE 15 FOR BEST COVER. SEED TO A DEPTH OF 1 INCH.
OATS	2.5 BU OR 80 LBS	2 LBS	BEST FOR SPRING SEEDINGS. SEED NO LATER THAN MAY 15 FOR SUMMER PROTECTIONS. SEED TO A DEPTH OF 1 INCH.
ANNUAL RYEGRASS	40 LBS	1 LB	GROWS QUICKLY, BUT IS OF SHORT DURATION. USE WHERE APPEARANCES ARE IMPORTANT. SEED EARLY SPRING AND/OR BETWEEN AUGUST 15 AND SEPTEMBER 15. COVER THE SEED WITH NO MORE THAN 0.25 INCH OF SOIL.
PERENNIAL RYEGRASS	30 LBS	0.7 LB	GOOD COVER WHICH IS LONGER LASTING THAN ANNUAL RYEGRASS. SEED BETWEEN APRIL 1 AND JUNE 1 AND/OR BETWEEN AUGUST 15 AND SEPTEMBER 15. MULCHING WILL ALLOW SEEDING THROUGHOUT THE GROWING SEASON. SEED TO A DEPTH OF APPROXIMATELY 0.5 INCH.

# **TEMPORARY SEEDING SPECIFICATIONS** REFERENCE NH STORMWATER MANUAL: VOLUME 3, REVISION 1.0

# A) SITE PREPARATION

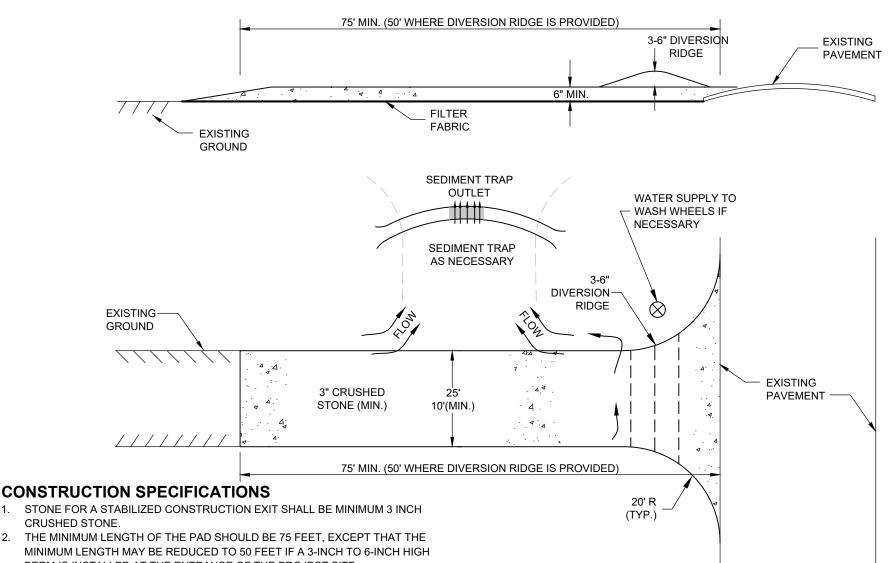
- 1. INSTALL NEEDED EROSION AND SEDIMENT CONTROL MEASURES SUCH AS SILTATION BARRIERS, DIVERSIONS, AND SEDIMENT TRAPS
- 2. GRADE AS NEEDED FOR THE ACCESS OF EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING.
- 3. RUNOFF SHOULD BE DIVERTED FROM THE SEEDED AREA.
- 4. ON SLOPES 4:1 OR STEEPER, THE FINAL PREPARATION SHOULD INCLUDE CREATING HORIZONTAL GROOVES PERPENDICULAR TO THE DIRECTION OF THE SLOPE TO CATCH SEED AND REDUCE RUNOFF.

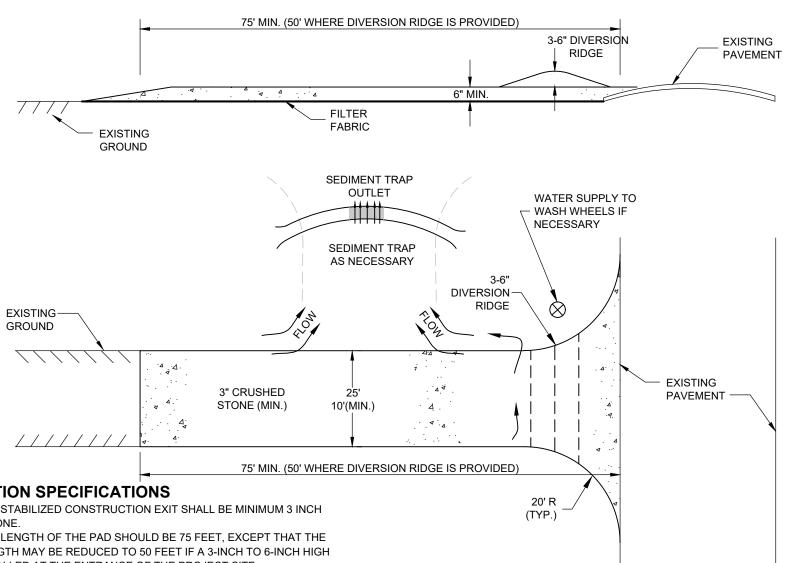
# B) SEEDBED PREPARATION:

- 1. STONES AND TRASH SHOULD BE REMOVED SO AS NOT TO INTERFERE WITH THE SEEDING AREA. 2. WHERE THE SOIL HAS BEEN COMPACTED BY CONSTRUCTION OPERATIONS, LOOSEN SOIL TO A DEPTH OF 2 INCHES BEFORE APPLYING FERTILIZER, LIME AND SEED.
- 3. IF APPLICABLE, FERTILIZER AND ORGANIC SOIL AMENDMENTS SHOULD BE APPLIED DURING THE GROWING SEASON. FERTILIZER SHALL ONLY BE USED BASED ON SOIL TEST RESULTS. FERTILIZER SHALL BE RESTRICTED TO A ZERO PHOSPHATE, SLOW RELEASE NITROGEN FERTILIZER. NO FERTILIZER SHALL BE USED WITHIN THE PROTECTIVE WELL RADIUS, AND WITHIN 25 FEET OF A SURFACE WATER BODY. RATE OF APPLICATION SHALL BE PER MANUFACTURER AND SOIL TEST RESULTS.

# C) SEEDING:

- 1. SELECT SEED FROM TABLE BELOW.
- 2. APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTIPACKER TYPE SEEDER OR HYDROSEEDER (SLURRY INCLUDING SEED AND FERTILIZER). NORMAL SEEDING DEPTH IS FROM 1/4 TO 1/2 INCH. HYDROSEEDING THAT INCLUDES MULCH MAY BE LEFT ON SOIL SURFACE. SEEDING RATES MUST BE INCREASED 10 % WHEN HYDROSEEDING
- 3. TEMPORARY SEEDING SHOULD TYPICALLY OCCUR PRIOR TO SEPTEMBER 15TH. 4. AREAS SEEDED BETWEEN MAY 15TH AND AUGUST 15TH SHOULD BE COVERED WITH HAY OR STRAW MULCH, ACCORDING TO THE "TEMPORARY AND PERMANENT MULCHING" PRACTICE.
- 5. VEGETATED GROWTH COVERING AT LEAST 85% OF THE DISTURBED AREA SHOULD BE ACHIEVED PRIOR TO OCTOBER 15TH. IF THIS CONDITION IS NOT ACHIEVED, IMPLEMENT OTHER TEMPORARY STABILIZATION MEASURES FOR OVERWINTER PROTECTION.
- 6. PROVIDE MULCH WHERE IT IS IMPRACTICAL TO INCORPORATE SEED INTO MOIST SOIL. THE SEEDED AREA SHOULD BE MULCHED TO FACILITATE GERMINATION. REFERENCE NH STORMWATER MANUAL: VOLUME 3 FOR TEMPORARY AND PERMANENT MULCHING REQUIREMENTS.

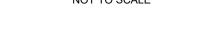




# CONSTRUCTION SPECIFICATIONS

- CRUSHED STONE. BERM IS INSTALLED AT THE ENTRANCE OF THE PROJECT SITE. 3. THE THICKNESS OF THE STONE FOR THE STABILIZED EXIT SHALL NOT BE LESS THAN 6 INCHES.
- ROAD OR 10 FEET, WHICHEVER IS GREATER.
- TO PLACING THE STONE. BY VEHICLES MAY BE ADDED.
- SUITABLE OUTLET PROTECTION.

# **OUTLET APRON TO DEFINED CHANNEL**



4. THE PAD SHOULD EXTEND THE FULL WIDTH OF THE CONSTRUCTION ACCESS

5. GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR

6. ALL SURFACE WATER SHALL BE DIRECTED AWAY FROM THE EXIT. IF WATER IS FLOWING TOWARD THE EXIT, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED

7. THE PAD SHOULD BE MAINTAINED OR REPLACED WHEN MUD AND SOIL PARTICLES CLOG THE VOIDS IN THE STONE SUCH THAT THE CONTROL PAD BECOMES INEFFECTIVE AND MUD AND SOIL PARTICLES ARE TRACKED OFF-SITE. 8. NATURAL DRAINAGE THAT CROSSES THE LOCATION OF THE STONE PAD SHOULD BE INTERCEPTED AND PIPED BENEATH THE PAD, AS NECESSARY, WITH

# MAINTENANCE

1. WHEN THE CONTROL PAD BECOMES INEFFECTIVE, THE STONE SHOULD BE REMOVED ALONG WITH THE COLLECTED SOIL MATERIAL, REGRADED ON SITE AND STABILIZED. THE EXIT SHOULD THEN BE RECONSTRUCTED. 2. THE CONTRACTOR SHOULD SWEEP THE PAVEMENT AT EXITS WHENEVER SOIL MATERIALS ARE TRACKED ONTO THE ADJACENT PAVEMENT OR TRAVELED WAY. 3. WHEN WHEEL WASHING IS REQUIRED, IT SHOULD BE CONDUCTED ON AN AREA STABILIZED WITH AGGREGATE, WHICH DRAINS INTO AN APPROVED SEDIMENT-TRAPPING DEVICE. ALL SEDIMENT SHOULD BE PREVENTED FROM ENTERING STORM DRAINS, DITCHES, OR WATERWAYS.

# **TEMPORARY GRAVEL CONSTRUCTION EXIT**

NOT TO SCALE

# DUST CONTROL NOTES

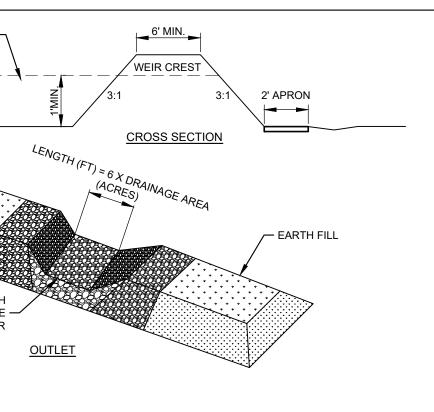
PREVENT RUNOFF AND PONDING.

- SPECIFICATIONS NH STORMWATER MANUAL

# **TEMPORARY SEDIMENT TRAPS** NOT TO SCALE

# **CONSTRUCTION SEQUENCE**

- DISPOSE OF DEBRIS.
- APPROPRIATE DURING CONSTRUCTION
- BARRIER UNDER THE GRATE OR BY INSTALLING A STONE CHECK DAM AROUND THE PERIMETER OF THE GRATE.
- 5. CLEAR AND GRUB, STRIP ORGANIC SOILS. LOAM SHALL BE STRIPPED FROM THE SITE AS REQUIRED. THE SMALLEST PRACTICAL AREA AS PRACTICABLE BUT NO LATER THAN 45 DAYS AFTER INITIAL DISTURBANCE
- THE BASE OF ALL STOCKPILES ON THE DOWNHILL SIDE.
- DEPOSITS SHALL BE PERIODICALLY REMOVED.
- FINISH GRADE. ALL FILL MATERIAL SHALL BE FREE FROM STUMPS, ROOTS, WOOD, ETC.
- GRADE. A MINIMUM OF 6" OF LOAM SHALL BE INSTALLED, WITH SEED, LIME, AND FERTILIZER APPLIED.
- 10. FINISH SURFACE. INSTALL FINISH SURFACE ON ROADWAYS AND PARKING LOTS.
- 12. NO MORE THAN 5 ACRES SHALL BE DISTURBED (NOT STABILIZED) AT ANY TIME.
- 13. AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED: i) BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED; ii) A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED; iii) A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP HAS BEEN INSTALLED; OR iv) EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- NATURAL STATE
- 15. WINTER CONSTRUCTION NOTES: SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS. PROTECTED WITH A MINIMUM 3" OF CRUSHED GRAVEL PER (NHDOT ITEM 304.3)
- 16. MINIMUM REQUIREMENT. THE EROSION CONTROL MEASURES SHOWN ON THESE PLANS ARE THE MINIMUM NECESSARY DURING
- 17. ALL DITCHES AND SWALES SHALL BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.



TEMPORARY SEDIMENT TRAPS SHALL COMPLY WITH THE FOLLOWING: (a) THE TRAP SHALL BE INSTALLED AS CLOSE TO THE DISTURBED AREA OR SOURCE OF SEDIMENT AS POSSIBLE;

(c) THE MINIMUM VOLUME OF THE TRAP SHALL BE 3,600 CUBIC FEET OF STORAGE FOR EACH ACRE OF DRAINAGE AREA;

(d) THE SIDE SLOPES OF THE TRAP SHALL BE 3:1 OR FLATTER, AND SHALL BE STABILIZED IMMEDIATELY AFTER THEIR CONSTRUCTION: (e) THE OUTLET OF THE TRAP SHALL BE A MINIMUM OF ONE FOOT BELOW THE CREST OF THE TRAP AND SHALL DISCHARGE TO A STABILIZED AREA; (f) THE TRAP SHALL BE CLEANED WHEN 50 PERCENT OF THE ORIGINAL

(g) THE MATERIALS REMOVED FROM THE TRAP SHALL BE PROPERLY DISPOSED

TEMPORARY SEDIMENT TRAPS SHALL BE DESIGNED IN ACCORDANCE WITH (a) SEDIMENT TRAPS SHOULD BE LOCATED SO THAT THEY CAN BE INSTALLED

PRIOR TO DISTURBING THE AREA THEY ARE TO PROTECT. (b) THE MAXIMUM HEIGHT OF THE SEDIMENT TRAP EMBANKMENT SHOULD BE 4 FEET WHEN MEASURED FROM THE LOWEST POINT OF NATURAL GROUND ON THE DOWNSTREAM SIDE OF THE EMBANKMENT.

(c) OUTLETS SHOULD BE DESIGNED SO THAT THE TOP OF THE EMBANKMENT IS A MINIMUM OF 1 FOOT ABOVE THE CREST ELEVATION OF THE OUTLET. THE OUTLET SHOULD DISCHARGE TO A STABILIZED AREA AND MUST EMPTY ONTO UNDISTURBED GROUND, INTO A WATERCOURSE, STABILIZED CHANNEL OR A STORM SEWER SYSTEM

INSTALL PERIMETER EROSION CONTROL MEASURES. TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO ANY EARTH MOVING OPERATION. EROSION CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND SHALL CONFORM TO ALL APPLICABLE SECTIONS OF THE STORMWATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL HANDBOOK FOR URBAN AND DEVELOPING AREAS IN NEW HAMPSHIRE, AUGUST 1992, OR THE NEW HAMPSHIRE STORMWATER MANUAL, DECEMBER 2008.

2. CUT AND CLEAR TREES. IDENTIFY TREES TO BE SAVED AND INSTALL PROTECTIVE FENCES AROUND THESE TREES. CUT TREES, CLEAR AND

3. INSTALL OTHER EROSION CONTROL MEASURES. TEMPORARY AND PERMANENT EROSION, SEDIMENT AND DETENTION PRACTICES -INCLUDING PONDS AND SWALES -- SHALL BE INSTALLED PRIOR TO ROUGH GRADING. PERMANENT STORMWATER TREATMENT SYSTEMS ARE TO BE CONSTRUCTED AND SEEDED AS SOON AS PRACTICAL SO THAT VEGETATION MAY BE ESTABLISHED PRIOR TO DIRECTING RUNOFF TO THEM. ADDITIONAL STORMWATER MANAGEMENT PRACTICES SHALL BE IMMEDIATELY INSTALLED WHEN NECESSARY AND

4. PROTECT DRAINAGE STRUCTURES. DURING CONSTRUCTION, ALL DRAINAGE INLETS SHALL BE PROTECTED BY INSTALLING A GEOTEXTILE

SHALL BE EXPOSED AT ANY TIME AND SHALL NOT EXCEED ONE ACRE. UNSTABILIZED SOIL SHALL BE TEMPORARILY STABILIZED AS SOON

6. STABILIZE STOCKPILES. SOIL STOCKPILES SHALL BE LOCATED AND PROTECTED TO MINIMIZE EROSION. INSTALL SILT FENCING AROUND

INSPECT AND MAINTAIN ALL EROSION CONTROL MEASURES. ALL PRACTICES ARE TO BE INSPECTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD ACCORDING TO RECOMMENDED SCHEDULED, BUT AT LEAST ONCE PER WEEK, AND DURING RAINFALL EVENTS IN WHICH 1/2 INCH OF PRECIPITATION OR MORE FALLS WITHIN A 24 HOUR PERIOD. THE BOTTOM OF SEDIMENT BASINS SHALL BE PERIODICALLY CLEANED, WITH SEDIMENT REMOVED TO A SECURE LOCATION. ALL DAMAGED SILT FENCES SHALL BE REPAIRED. SEDIMENT

8. GRADE AND GRAVEL AREAS TO BE PAVED. ROADWAYS AND PARKING LOTS SHALL BE GRADED, AND UNDERGROUND UTILITIES SHALL BE INSTALLED. GRAVEL SHALL BE INSTALLED AS SOON AS PRACTICAL. THESE AREAS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING

9. STABILIZE DISTURBED AREAS. BEGIN SEED AND MULCH OF ALL DISTURBED AREAS AS SOON AS PRACTICAL, BUT NO LATER THAN THREE DAYS AFTER FINAL GRADING. ALL CUT AND FILL SLOPES SHALL BE SEEDED AND MULCHED WITHIN 72 HOURS OF ACHIEVING FINISHED

11. COMPLETE PERMANENT SEEDING AND LANDSCAPING. SPREAD LOAM AND STABILIZE PER PLANS AND SPECIFICATIONS.

14. REMOVE TEMPORARY EROSION CONTROL MEASURES. AFTER CONSTRUCTION IS COMPLETED AND THE AREAS ARE STABILIZED (MINIMUM 85% VEGETATIVE COVER, BASE COURSE GRAVELS INSTALLED, 3" NON-EROSIVE MATERIAL INSTALLED, OR EROSION CONTROL BLANKET INSTALLED) IN THE DISTURBED AREAS. THE AREAS IN AND AROUND THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE CLEANED UP. WITH CARE BEING TAKEN NOT TO ALLOW THE ACCUMULATION OF SILT TO RUN INTO THE WETLANDS AND / OR PROTECTED AREAS. AFTER CLEAN-UP, THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AND THE AREA RETURNED AS NEAR AS POSSIBLE TO ITS

i) ALL PROPOSED VEGETATED AREAS THAT DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, 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 ANCHORED NETTING ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED ii) ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS. iii) AFTER OCTOBER 15, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE

CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ADEQUATE EROSION CONTROL PRACTICES ARE EMPLOYED TO PREVENT EROSION AND SEDIMENTATION TO ADJACENT PROPERTIES, ROADS, OR DRAINAGE SYSTEMS.

1. STABILIZE SOILS AND ESTABLISH VEGETATION AS SOON AS POSSIBLE FOLLOWING EARTH DISTURBING ACTIVITIES.

2. MOISTEN EXPOSED SOIL SURFACES AS NEEDED AT A RATE OF 300 GALLONS PER ACRE. AVOID EXCESSIVE WATER APPLICATION TO

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*S***F**( ENGINEERII Windham, New Hampshire Portland, Maine (603) 647-8700 www.sfceng.com



# REVISIONS

NO.	DESCRIPTION	DATE	
1	ADDRESS PLANNING COMMENTS	1/5/2024	
	1		



Location Plan Prepared from Bing Maps

# Project: **Fuel NRG Raymond** Route 27 Raymond, NH **Rockingham County** Tax Map 32, Lot 69

C1 COMMERCIAL ZONING DISTRICT

# Prepared For:

Fuel NRG 119 Rockingham Road Windham, NH 03087

Designed By:	TDD	Date:	11/8/2023
Drawn By:	TDD	Scale:	As Noted
Checked By:	DMF	Project No:	666760

Sheet Title: **Erosion Control Details** 

**C6** 

# **BERM CONSTRUCTION CRITERIA**

1. FOUNDATION PREPARATION: THE FOUNDATION AREA SHALL BE CLEARED OF TREES, LOGS, STUMPS, ROOTS, BRUSH, BOULDERS, SOD, AND RUBBISH. TO ESTABLISH VEGETATION, THE TOPSOIL AND SOD SHALL BE STOCKPILED AND SPREAD ON THE COMPLETED BERM AND SPILLWAYS. FOUNDATION SURFACES SHALL BE SLOPED NO STEEPER THAN 1:1. THE FOUNDATION AREA SHALL BE THOROUGHLY SCARIFIED BEFORE PLACEMENT OF THE MATERIAL. THE SURFACE SHALL HAVE MOISTURE ADDED OR IT SHALL BE COMPACTED IF NECESSARY SO THAT THE FIRST LAYER OF FILL MATERIAL CAN BE COMPACTED AND BONDED TO THE FOUNDATIONS. FOUNDATION AREAS SHALL BE KEPT FREE OF STANDING WATER WHEN FILL IS BEING PLACED ON THEM.

# 2. FILL PLACEMENT

THE MATERIAL PLACED IN THE FILL SHALL BE FREE OF SOD, ROOTS, FROZEN SOIL, STONES MORE THAN 6 INCHES IN DIAMETER (EXCEPT FOR ROCK FILLS), AND OTHER OBJECTIONABLE MATERIAL.

THE PLACING AND SPREADING OF FILL MATERIAL SHALL BE STARTED AT THE LOWEST POINT OF THE FOUNDATION AND THE FILL BROUGHT UP IN HORIZONTAL LAYERS OF 8" MAXIMUM COURSES AND COMPACT TO 95% MODIFIED PROCTOR (ASTM D1557). THE FILL SHALL BE CONSTRUCTED IN CONTINUOUS HORIZONTAL LAYERS EXCEPT WHERE OPENINGS OR SECTIONALIZED FILLS ARE REQUIRED. IN THOSE CASES, THE SLOPE OF THE BONDING SURFACES BETWEEN THE EMBANKMENT IN PLACE AND THE EMBANKMENT TO BE PLACED SHALL NOT BE STEEPER. THAN 3 HORIZONTAL TO I VERTICAL. THE BONDING SURFACE SHALL BE TREATED THE SAME AS THAT SPECIFIED FOR THE FOUNDATION SO AS TO INSURE A GOOD BOND WITH THE NEW FILL.

THE DISTRIBUTION AND GRADATION OF MATERIALS SHALL BE SUCH THAT NO LENSES, POCKETS, STREAKS, OR LAYERS OF MATERIAL DIFFER SUBSTANTIALLY IN TEXTURE OF GRADATION FROM THE SURROUNDING MATERIAL. IF IT IS NECESSARY TO USE MATERIALS OF VARYING TEXTURE AND GRADATION, THE MORE IMPERVIOUS MATERIAL SHALL BE PLACED IN THE CENTER AND UPSTREAM PARTS OF THE FILL. IF ZONED FILLS OF SUBSTANTIALLY DIFFERING MATERIALS ARE SPECIFIED, THE ZONES SHALL BE PLACED ACCORDING TO THE LINES AND GRADES SHOWN ON THE DRAWINGS. THE COMPLETE WORK SHALL CONFORM TO THE LINES, GRADES, AND ELEVATIONS SHOWN ON THE DRAWINGS OR AS STAKED IN THE FIELD.

# 3. MOISTURE CONTROL:

THE MOISTURE CONTENT OF THE FILL MATERIAL SHALL BE ADEQUATE FOR OBTAINING 95% COMPACTION. MATERIAL THAT IS TOO WET SHALL BE DRIED TO MEET THIS REQUIREMENT, AND MATERIAL THAT IS TOO DRY SHALL HAVE WATER ADDED AND MIXED UNTIL THE REQUIREMENT IS MET.

# 4 COMPACTION

CONSTRUCTION EQUIPMENT SHALL BE OPERATED OVER THE AREAS OR EACH LAYER OF FILL TO INSURE THAT THE 95% COMPACTION IS OBTAINED. SPECIAL EQUIPMENT SHALL BE USED IF NEEDED TO OBTAIN THE REQUIRED COMPACTION. EACH LAYER OF FILL SHALL BE COMPACTED AS NECESSARY TO OBTAIN THAT DENSITY.

# 5. PROTECTION:

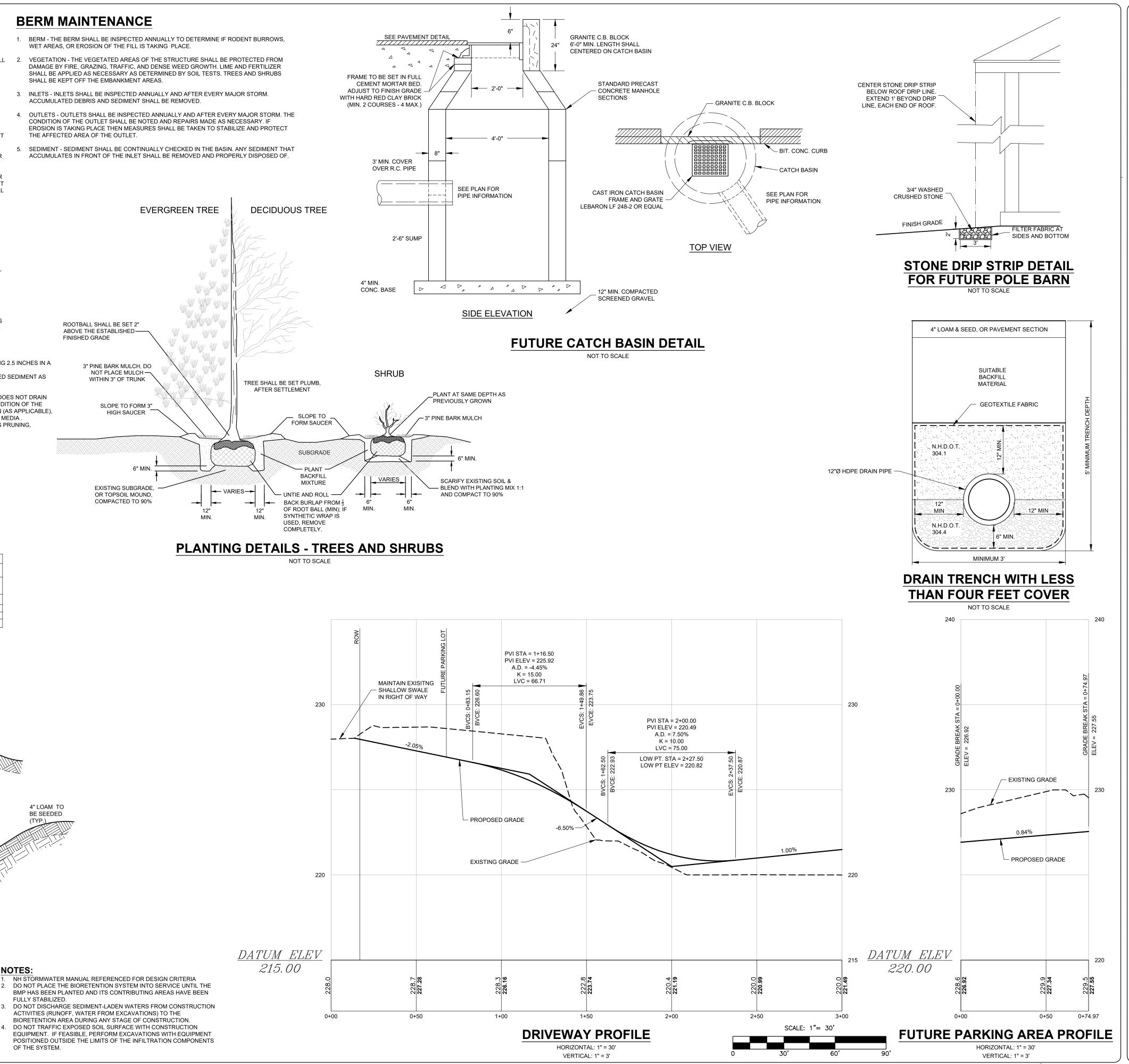
A PROTECTIVE COVER OF VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SURFACES OF THE EMBANKMENT, SPILLWAY, AND BORROW AREA IF SOIL AND CLIMATIC CONDITIONS PERMIT. IF SOIL OR CLIMATIC CONDITIONS PRECLUDE THE USE OF VEGETATION AND PROTECTION IS NEEDED. NON-VEGETATIVE MEANS. SUCH AS MULCHES OR GRAVEL, MAY BE USED. IN SOME PLACES, TEMPORARY VEGETATION MAY BE USED UNTIL CONDITIONS PERMIT ESTABLISHMENT OF PERMANENT VEGETATION.

# MAINTENANCE REQUIREMENTS:

- 1. SYSTEMS SHOULD BE INSPECTED AT LEAST TWICE ANNUALLY, AND FOLLOWING ANY RAINFALL EVENT EXCEEDING 2.5 INCHES IN A 24 HOUR PERIOD, WITH MAINTENANCE OR REHABILITATION CONDUCTED AS WARRANTED BY SUCH INSPECTION.
- 2. PRETREATMENT MEASURES SHOULD BE INSPECTED AT LEAST TWICE ANNUALLY AND CLEANED OF ACCUMULATED SEDIMENT AS
- WARRANTED BY INSPECTION, BUT NO LESS THAN ONCE ANNUALLY.
- 3. TRASH AND DEBRIS SHOULD BE REMOVED AT EACH INSPECTION. 4. AT LEAST ONCE ANNUALLY, SYSTEM SHOULD BE INSPECTED FOR DRAWDOWN TIME. IF BIORETENTION SYSTEM DOES NOT DRAIN WITHIN 72-HOURS FOLLOWING A RAINFALL EVENT, THEN A QUALIFIED PROFESSIONAL SHOULD ASSESS THE CONDITION OF THE FACILITY TO DETERMINE MEASURES REQUIRED TO RESTORE FILTRATION FUNCTION OR INFILTRATION FUNCTION (AS APPLICABLE), INCLUDING BUT NOT LIMITED TO REMOVAL OF ACCUMULATED SEDIMENTS OR RECONSTRUCTION OF THE FILTER MEDIA . 5. VEGETATION SHOULD BE INSPECTED AT LEAST ANNUALLY, AND MAINTAINED IN HEALTHY CONDITION, INCLUDING PRUNING,
- REMOVAL AND REPLACEMENT OF DEAD OR DISEASED VEGETATION, AND REMOVAL OF INVASIVE SPECIES.

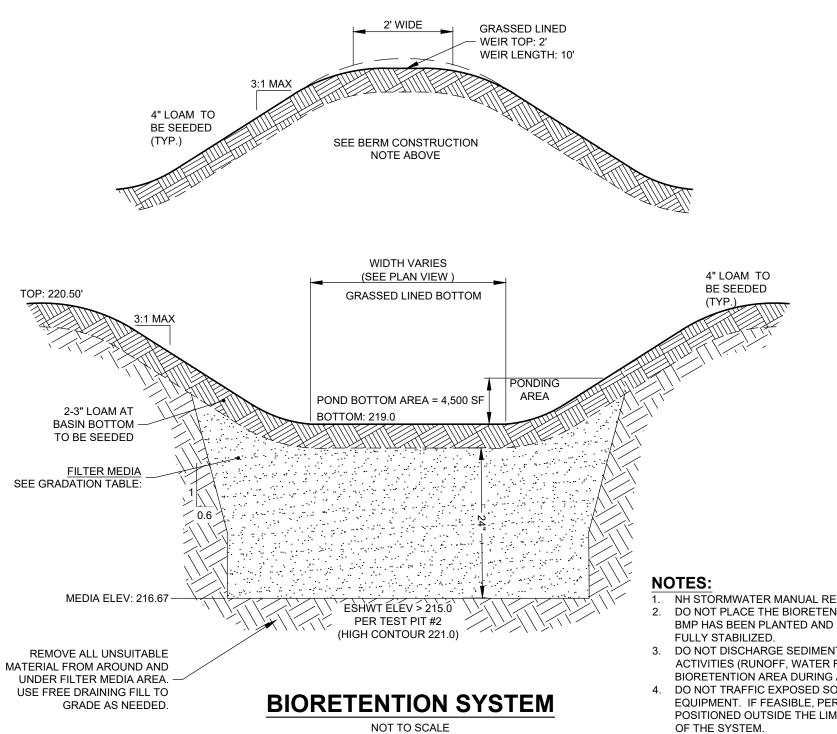
# **BERM MAINTENANCE**

- SHALL BE KEPT OFF THE EMBANKMENT AREAS.
- THE AFFECTED AREA OF THE OUTLET.

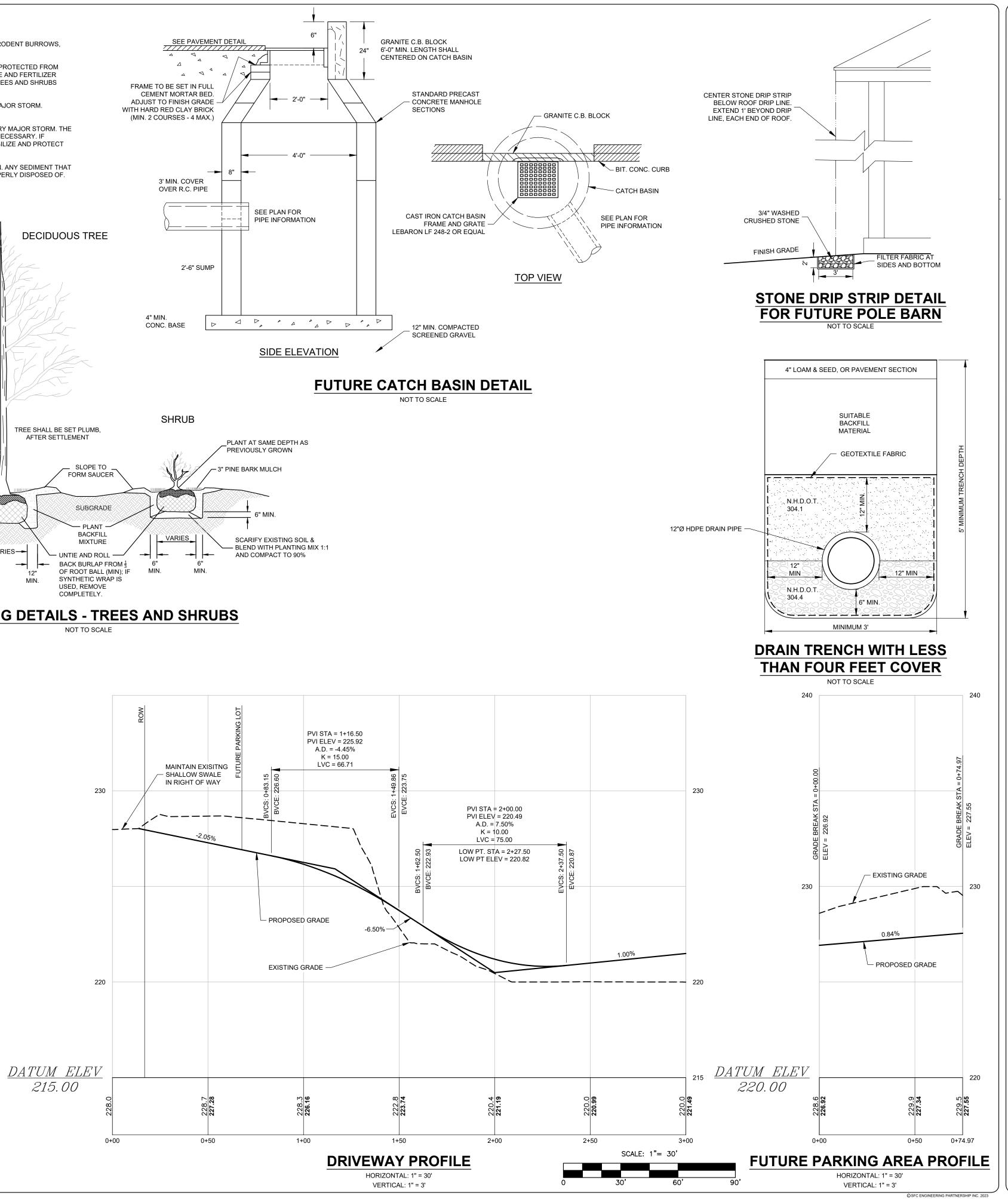


# **BIORETENTION MEDIA GRADATION TABLE**

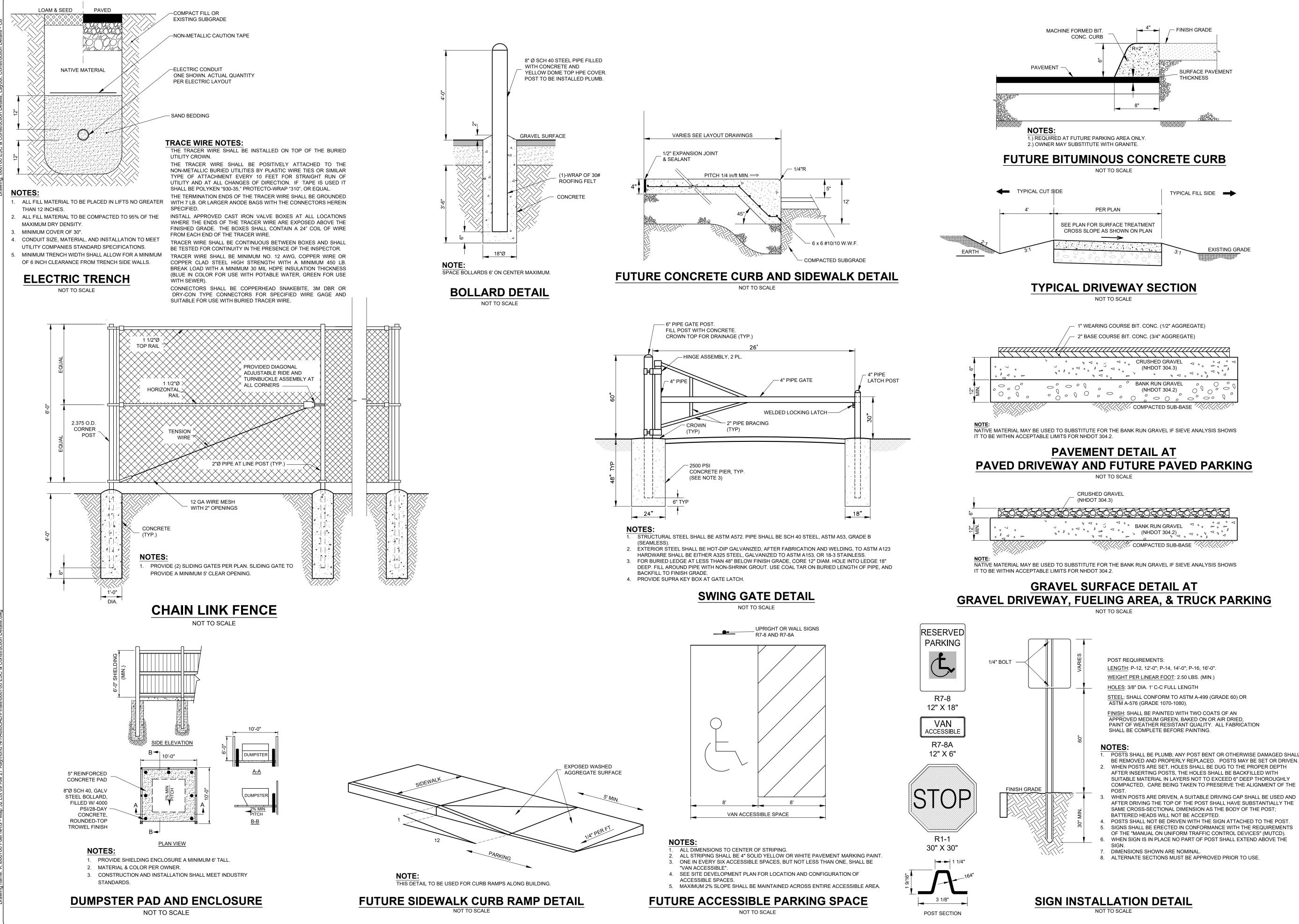
COMPONENT MATERIAL	PERCENT OF MIXTURE		GRADATION OF MATERIAL
	BY VOLUME	SIEVE NO.	PERCENT BY WEIGHT PASSING STANDARD SIEVE
MODERATELY FINE SHREDDED BARK OR WOOD FIBER MULCH	20 TO 30	200	<5
LOAMY COARSE SAND	70 TO 80	10 20	85 TO 100 70 TO 100
		60	15 TO 40
		200	8 TO 15







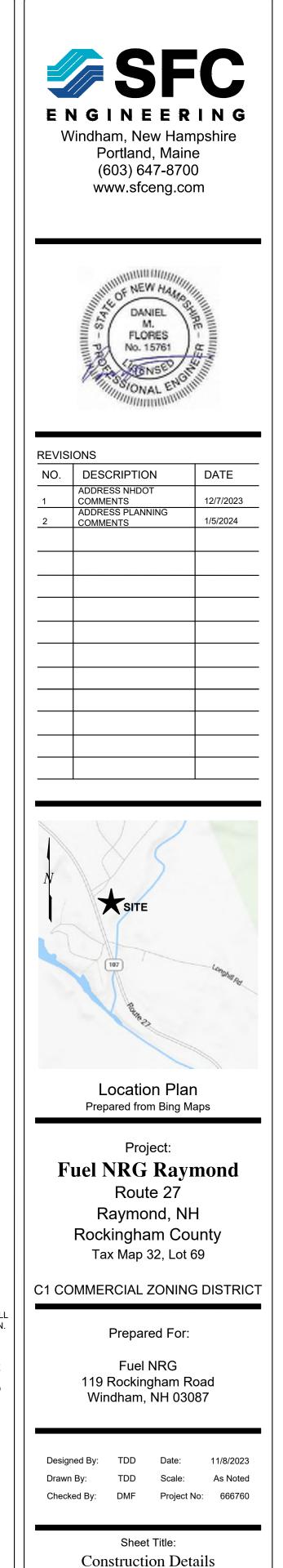
	<b>SF</b> <b>IGINEER</b> Tindham, New Har Portland, Mair (603) 647-870 www.sfceng.co	<b>ING</b> npshire ne 00	
PLORES No. 15761			
REVISI	ONS		
NO.	DESCRIPTION ADDRESS NHDOT	DATE	
1	ADDRESS NHDOT COMMENTS ADDRESS PLANNING	12/7/2023	
2	COMMENTS	1/5/2024	
N SITE LONDING ROA			
	Location Plan Prepared from Bing Maps		
Project: <b>Fuel NRG Raymond</b> Route 27 Raymond, NH Rockingham County Tax Map 32, Lot 69 C1 COMMERCIAL ZONING DISTRICT Prepared For: Fuel NRG 119 Rockingham Road Windham, NH 03087			
Drawn	ed By: TDD Date: By: TDD Scale: ed By: DMF Project		
Sheet Title:			
Construction Details <b>C7</b>			



	TYPICAL FILL SIDE
PER PLAN	
PLAN FOR SURFACE TREATMENT DSS SLOPE AS SHOWN ON PLAN	
	3:1 EXISTING GRADE

$\begin{array}{c cccc} & & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & $
ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο
BANK RUN GRAVEL
V COMPACTED SUB-BASE

$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
* COMPACTED SUB-BASE



**C8** 

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ENGINEERING + PLANNING + DEVELOPMENT + MANAGEMENT

N10800X December 13, 2023

Mr. Jason Cleghorn, Director Community Development Department Town of Raymond 4 Epping Street Raymond, NH 03077

SUBJECT: Fuel NRG - Map 32 Lot 69 Engineering Review Services

Dear Mr. Cleghorn:

As requested, we hereby submit our proposal for a review of the proposed site plan application for the above referenced project. Our review will be based on the plans and materials submitted which consist of Site Plans (dated November 8, 2023), a Drainage Analysis (dated December 5, 2023), and a traffic memo (no date) from SFC Engineering.

### SCOPE OF WORK

The following items are included in the Scope of Work:

Task 1	Detailed review of soils information with emphasis on drainage and grading limitations.
Task 2	Detailed review of stormwater drainage and its impact upon adjacent properties.
Task 3	Detailed review of access and parking design.
Task 4	Detailed review of traffic memo.
Task 5	Prepare and submit a letter report addressing tasks 1 through 4.

15 Constitution Drive, Suite 11. • Bedford, New Hampshire 03110 (603) 637-1043 (866) 783-7101 (FAX) http://www.dubois-king.com

Randolph, Vermont

South Burlington, Vermont

Laconia, New Flampshire

Mr. Jason Cleghorn December 13, 2023 Page Two

DuBois & King, Inc. will perform the above Scope of Work in accordance with our <u>Master</u> <u>Contract.</u> We suggest a budget range of \$4500 to \$5000. Actual costs will depend on the thoroughness of the original submittal, extent of coordination required, and whether subsequent submittals and reviews are necessary.

If you find this proposal to be acceptable, please execute both copies of this proposal, and return one to our office. We will complete the review and submit the report within 21 days following receipt of a signed copy of the Agreement.

Upon receipt of the executed Agreement we will initiate work.

We look forward to serving the Town of Raymond on this project.

Very truly yours,

DuBOIS & KING, INC,

Affa Cella

Jeffrey A. Adler, P.E. Senior Project Manager

JAA/js

# Site Plan Application #2023-016 Fuel NRG Raymond Findings of Fact for Application Denial 01/11/2024

# A. Introduction

Pursuant to NH RSA 676:3 and in compliance with the requirements of the State of New Hampshire and the Town of Raymond Site Plan Regulations, as amended, the following is presented as Findings of Fact and written decision of denial of Application #2023-016 (the "Application") an Application for Site Plan for a site located in Ramond Tax Map #32, Lot 69, within Zone C1, on NH Route 27, Raymond, NH 03077 and submitted by Daniel M. Flores of SFC Engineering Partnership, Inc. on behalf of Jessica Hatch of Fuel NRG, landowner.

# **B.** Authority

## Raymond Site Plan Regulations ARTICLE I – PURPOSE AND AUTHORITY 1.01 AUTHORITY

Pursuant to the authority vested in the Town of Raymond Planning Board by the voters of the Town on March 12, 1983, and in accordance with New Hampshire Revised Statues Annotated (NH RSA) 674:44, the Planning Board does hereby adopt the following Regulations for the governing of the review of non-residential site plans, the development of multi-family dwelling units and changes of use. These Regulations shall be entitled the "Site Plan Review Regulations for the Town of Raymond.

## Raymond Zoning Regulation 2023; ARTICLE 1: PREAMBLE

1.1. Purpose: The purpose of this Zoning Ordinance is to promote the health, safety, economic and social well-being of the community, to protect the natural resources including the lakes, rivers, streams, drinking water and aquifer, to lessen congestion in the streets, to secure safety from fires, panic, and other dangers, to promote adequate light and air, to prevent overcrowding of land, to avoid undue concentration of population, and to facilitate the adequate provision of transportation, water, sewerage and schools. The Town of Raymond, New Hampshire adopted this Ordinance in conformance with New Hampshire RSA674:16.

# C. Findings of Fact and Regulations

1. In March of 2023 Zoning Ordinance 5.2.10 was amended by a majority vote of the citizens of Raymond. Article 6 was approved with 1030 in favor and 264 opposed, roughly 80% vs 20% (Exhibit A)

2. A provision recommended by the Southern New Hampshire Regional Planning Commission in the Town of Raymond 2009 Sourcewater Protection Plan (Exhibit B) and the basis for the amendment adopted by vote that subsequently reads Under **5.2.10 PROHIBITED USES**:

### "5.2.10.7 The siting or operation of a petroleum bulk plant or terminal (03/23)." (Exhibit C)

- 3. The applicant engaged in review with town staff beginning in August 2023 as well as representatives including DuBois & King Inc. (Exhibit D)
- 4. An application for site plan review was submitted on December 6, 2023, with a request to be put on the agenda for the next planning Board hearing (Exhibit E)
- 5. Member McLeod made a good faith effort on 01/10/2024 to inform the Applicant through Community Development Director Jason Cleghorn that he believed an oversight had occurred in the zoning determination and that the Applicant should be informed. (Exhibit F)
- 6. A hearing on Application #2023-016 convened on January 11, 2024, where the Application was deemed complete enough for the Planning Board to accept jurisdiction. Per RSA 676:3, II, draft minutes of the 01/11/2024 meeting are attached as part of this document. The Applicant was afforded an opportunity to present a summary of the project to the board which closely matched the Project Narrative submitted.
- 7. Abutter comments start at timestamp (TS) 00:56:28 and ending at TS 01:08:55 can be viewed in their entirety on Raymond Community Television RCTV at this URL: <u>https://imd0mxanj2.execute-api.us-west-2.amazonaws.com/ssr/watch/65a0b8ece1bb2300086b5a85</u>

Abutter concerns included: acknowledging Propane is a safe product when managed properly; topography of Site; hazardous traffic conditions; nuisance smell of gas; nuisance lighting; and safety of residential homes in proximity to the bulk fuel tanks.

- 8. Chairwoman Luszcz advised a member of the public that the project documents are available on the Town of Raymond website in the Supporting Documents section.
- Prior to a discussion about regional impact, Member McLeod raised concerns regarding the zoning determination in the Applicants submitted Project Narrative of a "Commercial Service Establishment" as defined in Zoning Regulation:

"**13.1.18. COMMERCIAL SERVICE ESTABLISHMENT: (03/1990)** A building and/or other structure used principally for providing commercial services to the public, such as a beauty shop, shoe repair shop, dry cleaner, laundry, electrician, plumber, repair service, installation service, general contractor, rental shop and the like. No accessory use for residential purposes shall be permitted."

- 10. An approved driveway permit application was submitted to the Planning Department with the road name of "Fuel Depot Drive". (Exhibit G).
- 11. Member McLeod expressed his belief that due to the classification of the LP storage tanks as bulk fuel tanks and further that Liquid Petroleum Gas is synonymous with Liquid Propane, and that the fuel is

delivered, stored, and distributed in liquid form, excepting the vapor that fills the interstitial space in the tank, that the project was defined in Town of Raymond Zoning Ordinance as:

**5.2.4.11. PETROLEUM BULK PLANT or TERMINAL:** Means that portion of the property where petroleum products are received by tank vessel, pipeline, tank car, or tank vehicle and are stored or blended in bulk for the purpose of distributing such liquids by tank vessel, pipeline tank car, tank vehicle, portable tank, or container.

12. Mr. McLeod further qualified that the project is within the Groundwater Conservation Overlay District and that the use is prohibited per Town of Raymond Zoning:

**5.2.10. PROHIBITED USES**: The following uses are prohibited in the Groundwater Conservation District:

**5.2.10.7.** The siting or operation of a petroleum bulk plant or terminal (03/23)

- 13. From TS 01:14:06 to 01:14:38 Mr. Flores of SFC Engineering stated that the project was reviewed by staff back in August and given a "green light" as well as referencing a "whole writeup" from Maddie Dilonno, circuit rider planner for the Rockingham Planning Commission in which "...she agreed that petroleum, um, or Propane does not meet the Petroleum definition."
- 14. Chairwoman Luszcz advised the Applicant that the ultimate responsibility to adhere to the regulations rests with the Applicant. She further instructed that staff do not make determinations that are the purview of the Planning Board, however, staff may assist the applicants as well as advise the board.
- 15. Mr. Flores noted that he felt that propane being specifically excluded from the definition of regulated substances bolstered his argument. Regulated substances are defined in the Town of Raymond Zoning Ordinance as:

5.2.4.13. REGULATED SUBSTANCE: Petroleum, petroleum products, and substances listed under
40 CFR 302, 7-1-05 edition, excluding the following substances: (1) ammonia, (2) sodium hypochlorite, (3) sodium hydroxide, (4) acetic acid, (5) sulfuric acid, (6) potassium hydroxide, (7) potassium permanganate, and (8) propane and other liquefied fuels which exist as gases at normal atmospheric temperature and pressure.

- 16. The classification in 5.2.4.13 is for the purpose of defining those substances that are excluded from regulation under the specific definition "regulated substances". Mr. McLeod noted that he never mentioned "regulated substances" and is only referring to it as a petroleum product in liquid form as it relates to the definition of a Petroleum Bulk Plant or Terminal and further states that propane and liquified petroleum are petroleum products.
- 17. Shawn Thrasher from Crown Energy Solutions, Auburn, NH states TS 01:18:04: "Propane is not considered a petroleum." He goes on to say at TS 1:20:34: "By definition, if you were to look up "petroleum" it's not, it's not listed under, under any EPA or government standards as a petroleum product. (referring to Liquid Propane)". Mr. McLeod counters that it's "common knowledge" that propane is a petroleum product and Mr. Thrasher retorts, "I guess "common" and "mine" are different.".

- 18. TS 01:24:36: "If I could just make a comment, Jessica Hatch, of the Fuel NRG in Windham, NH, I don't think anyone is negating what the regulations say and the intent of them, what we're trying to make a point of is "petroleum" as a specific word does not include " propane".
- 19. TS 01:28:40 Andrew Wickson, Fuel NRG, states "They (NH DES) do not classify propane as a petroleum product." No reference was given to support this claim.
- 20. Mr. McLeod refuted all arguments against propane not being a petroleum product and once again stated that it is "common knowledge". Mr. McLeod stated he thinks it is a generally accepted definition that propane is a petroleum product. A motion was made to deny the application due to the use being prohibited in the Groundwater Conservation Overly District.
- 21. The Board relies upon and incorporates into its findings of facts and its decision all other public meeting recordings and minutes, as well as all submissions made by the Applicant to the Planning Department.

# **D.** Discussion

The Applicant contemplates in their testimony at a Public Hearing on 01/11/2024 and in their Project Summary that the use is a commercial service establishment and not a bulk petroleum plant or terminal. The Board determined that propane is a petroleum product, as it is "liquified petroleum gas."

It was also noted that while liquified propane/liquified petroleum, as a substance, is not regulated as an environmental concern for infiltration into groundwater, it is the <u>type of facility that is prohibited</u>. Examples of concerns ranged from blast radius of the proposed bulk fuel tanks and the contamination inherent in fighting fires with large quantities of water and secondary fires with PFAS containing aqueous firefighting foams (AFFF). Once an impasse on the subject of propane being a petroleum product was reached, a motion to deny the application was made based on the boards determination that the project is in fact a Bulk Petroleum Plant or Terminal which is a prohibited use in the Groundwater Conservation Overlay District.

# E. Determination

The Raymond Planning Board expressed several concerns over the determination of the project as a "Commercial Service Establishment" which lists businesses like shoe repair, laundromat, and rental shop as opposed to the definition of a "Bulk Petroleum Plant or Terminal which the defines the project explicitly. The 30,000-gallon (111,000 lbs.) bulk LP fuel tank and associated storage and distribution infrastructure are an almost word for word description of the project. The owner Jessica Hatch said that they did not negate the regulation but felt that they did not need to adhere as "propane is not a petroleum product."

The majority of the Planning Board determined that, despite arguments to the contrary, propane is a liquified petroleum gas and as such falls under the definition of a "Bulk Petroleum Plant or Terminal" and is not permitted in the Groundwater Conservation Overlay District (GCOD). Therefore, the Planning Board was obligated to deny the application as there was little support for the unsubstantiated arguments and easily

disproven statements made by the Applicant and their representatives that propane is not a Liquified Petroleum product.

# F. Record of Vote

Tricia Bridgeo made a Motion to Deny Application #2023-016, without prejudice, as prohibited use 5.2.10.7 and definition 5.2.4.11. Seconded by Jim McLeod.

A discussion ensued where all the members had an opportunity to speak. Member Gott was not prepared to deny due to being unsure about the classification of propane as a petroleum product. Bob McDonald commented that the propane is stored in bulk liquid form and is therefore a bulk petroleum plant or terminal. Jim McLeod noted he was sorry the application got so far without this being addressed.

Roll Call of Vote:	Tricia Bridgeo - Aye - The use is prohibited in GCOD
	Jim McLeod - Aye - The use is prohibited in GCOD
	Grethen Gott – No - due to lack of clarity of propane as petroleum.
	Tom Daigle – Aye - The use is prohibited in GCOD
	Bob McDonald – Yes – The use is prohibited in GCOD
	Dee Luszcz - Yes - The use is prohibited in GCOD

The vote to deny passes with 5 in favor, 1 opposed, and 0 abstentions.

# G. Appeals

Appeals are subject to conformance with State and Local regulations. Any party to this proceeding or any person aggrieved by this decision has the right to request a rehearing pursuant to RSA chapter 677. Such a request shall be submitted to the Board within thirty (30) days of this decision.



- **<u>Pledge of Allegiance</u>**: Recited by all in attendance. 1
- 2

### 3 Meeting called to order:

- The meeting started at approximately 7:00 pm. 4
- 5 6 Roll Call:
- Bob McDonald, Planning Board; Tom Daigle, Planning Board; Dee Luszcz, 7
- Planning Board Chair; Jim McLeod, Vice-Chair; Trisha Bridgeo, Board of 8

9 Selectmen; Gretchen Gott, Planning Board.

- 10
- 11

13

### Public Meeting: 12

### **2024 Zoning Ordinance Amendments** 14

15

- The full list and description of the 2024 Zoning Ordinance Amendments for the 16 Warrant Articles to be voted on in the March 2024 election will be attached at the 17
- end of these meeting minutes. 18
- 19
- Zoning Amendment No. 1 Article 5: Overlay Districts; Subsections 5.2.4.8., 20
- 5.2.4.10, 5.2.4.15. and 5.2.6.2.5. Conditional Uses 21
- 22

Mr. McLeod explained that there are two different types of impervious surfaces: one 23 that is an impenetrable surface to hold chemical spills, the other is the impervious 24 surface used for stormwater calculations. This update is a request by the 25 Conservation Committee for clarification. There were no comments from the public. 26

27

# Motion:

28 29 Mr. McLeod made a motion to move zoning amendment number 1 to 30 the ballot as written; Mr. McDonald seconded the motion. 31 32 A roll call vote was taken. 33 Ms. Gott – Yes 34 Ms. Bridgeo – Yes 35 Mr. Mcleod – Aye 36 Mr. Daigle – Yes 37 Mr. McDonald – Yes 38 Ms. Luszcz – Aye 39 40 The motion passed with a unanimous vote of 6 in favor, 0 opposed, and 0 41 abstention. 42



43

- Zoning Amendment No. 2 Article 5: Overlay Districts; 5.2.4. DEFINITIONS; Add
   Subsection 5.2.4.21. Wetland Buffer
- 46
- 47 Mr. McLeod explained that there was no existing definition in the zoning ordinance,
- so now they are adding one on the recommendation of the Conservation
- 49 Committee. There were no comments from the public.
- 50 51

52

55

# Motion:

- 53 Mr. McLeod made a motion to move zoning amendment number 2 to 54 the ballot as written; Mr. McDonald seconded the motion.
- 56 **A roll call vote was taken**,
- 57 Mr. McDonald Yes
- 58 Mr. Daigle Yes
- 59 **Ms. Gott Yes**
- 60 Ms. Bridgeo Yes
- 61 Mr. Mcleod Aye
- 62 **Ms. Luszcz Aye**
- The motion passed with a unanimous vote of 6 in favor, 0 opposed, and 0 abstention.
- 66
- Zoning Amendment No. 3 Article 4: ZONES; Section 4.9.3. DISTRICT
   BOUNDARIES, Subsection 4.9.3.1. Shoreland Protection Area
- 69

72 73

74

75

76

Mr. McLeod explained that the only change was the intermittent and perennial stream. There were no comments from the public.

# Motion:

- Mr. McLeod made a motion to move zoning amendment number 3 to the ballot as written; Mr. McDonald seconded the motion.
- 77 78 **A roll call vote was taken**,
- 79 **Ms. Gott Yes**
- 80 Ms. Bridgeo Yes
- 81 Mr. Mcleod Aye
- 82 Mr. Daigle Yes
- 83 Mr. McDonald Yes
- 84 Ms. Luszcz Aye



85	
86	The motion passed with a unanimous vote of 6 in favor, 0 opposed, and 0
87	abstention.
88	
89	Zoning Amendment No. 4 - Article 4: ZONES; Section 4.9.3. DISTRICT
90	BOUNDARIES, Add Subsection 4.9.3.5. Wetland Setback Area
91	
92	Mr. McLeod explained that the change is to ensure that "wetland buffer" and
93	"wetland setback" are synonymous. There were no comments from the public.
94	, ,
95	Motion:
96	
97	Mr. McLeod made a motion to move zoning amendment number 4 to
98	the ballot as written; Mr. McDonald seconded the motion.
99	
100	A roll call vote was taken,
101	Mr. McDonald – Yes
102	Mr. Daigle – Yes
103	Ms. Gott – Yes
104	Ms. Bridgeo – Yes
105	Mr. Mcleod – Aye
106	Ms. Luszcz – Aye
107	
108	The motion passed with a unanimous vote of 6 in favor, 0 opposed, and 0
109	abstention.
110	
111	Zoning Amendment No. 5 - Article 15: AREA AND DIMENSIONAL
112	REQUIREMENTS & ASSOCIATED NOTES; Section 15.1 Area and Dimensional
113	Table
114	
115	Mr. McLeod explained that Zone G has special requirements, but it did not fit in the
116	chart. There were no comments from the public.
117	
118	Motion:
119	
120	Mr. McLeod made a motion to move zoning amendment number 5 to
121	the ballot as written; Mr. McDonald seconded the motion.
122	
123	A roll call vote was taken,
124	Ms. Bridgeo – Aye
125	Mr. Mcleod – Aye
126	Mr. McDonald – Aye



127	Mr. Daigle – Yes

- 128
   Ms. Gott Yes

   129
   Ms. Luszcz Aye
- 129 130

# 131The motion passed with a unanimous vote of 6 in favor, 0 opposed, and 0132abstention.

- 133
- 134 Zoning Amendment No. 6 Article 4: ZONES; Section 4.9.3. DISTRICT
- BOUNDARIES: Subsection 4.9.3.3, Subsection 4.9.3.4 and Subsection 4.9.4.2.
- 136 Rockingham County Soil Survey Map
- 137
- 138 Mr. McLeod explained that this will ensure that if there are any updates to the 139 document before the Town can vote on another zoning ordinance update, the
- ordinance will still be correct without a specific version year being referenced.
- 141 There were no comments from the public.
- 142

# Motion:

- 143 144
- 145Mr. McLeod made a motion to move zoning amendment number 6 to146the ballot as written; Mr. McDonald seconded the motion.
- 147148A roll call vote was taken,
- 149 **Mr. Daigle Yes**
- 150 **Mr. McDonald Yes**
- 151 **Ms. Gott Yes**
- 152 Ms. Bridgeo Yes
- 153 Mr. Mcleod Aye
- 154 Ms. Luszcz Aye
- 155

# 156The motion passed with a unanimous vote of 6 in favor, 0 opposed, and 0157abstention.

158

159 Zoning Amendment No. 7 - Article 5: Overlay Districts; Section 5.4. Mixed Use

- Business Campus Overlay District (03/2007); and Article 14: Allowed Uses Table;
   Section 14.1 Allowed Uses Table and Subsection 14.2.6. Notes to Allowed Uses
- 162 Table
- 163
- 164 Mr. McLeod explained that this was previously removed so this is cleaning up the 165 ordinance. There were no comments from the public.
- 166
- 167 <u>Motion:</u>
- 168



	137 TOW.
169 170	Mr. McLeod made a motion to move zoning amendment number 7 to the ballot as written; Mr. McDonald seconded the motion.
171	
172	A roll call vote was taken,
173	Mr. McDonald – Yes
174	Mr. Daigle – Yes
175	Mr. Mcleod – Aye
176	Ms. Bridgeo – Yes
177	Ms. Gott – Yes
178	Ms. Luszcz – Aye
179	
180	The motion passed with a unanimous vote of 6 in favor, 0 opposed, and 0
181	abstention.
182	
183	Zoning Amendment No. 8 - Article 13 DEFINITIONS: Solar Panels
184	
185	Mr. McLeod explained that there was not an existing definition in the zoning
186	ordinance, so now they are adding one. This is also a type of impervious surface,
187	which has an update in zoning amendment number 1. Ms. Luszcz also commented
188	that as other municipalities have encountered issues with solar panels and runoff,
189	the Board wanted to be prepared and perform the necessary research for the
190	future. There were no comments from the public.
191	
192	Motion:
193	Mr. Mal and made a motion to make soming amondment number 0 to
194 105	Mr. McLeod made a motion to move zoning amendment number 8 to
195 196	the ballot as written; Mr. McDonald seconded the motion.
196 197	A roll call vote was taken,
198	Mr. Mcleod – Aye
199	Ms. Bridgeo – Yes
200	Ms. Gott – Yes
201	Mr. McDonald – Yes
202	Mr. Daigle – Yes
203	Ms. Luszcz – Aye
204	
205	The motion passed with a unanimous vote of 6 in favor, 0 opposed, and 0
206	abstention.
207	
208	Application # 2023-016 and Application # 2023-017 Fuel NRG Raymond: A site
209	plan application is being submitted by Daniel M. Flores of SFC Engineering
210	Partnership, Inc. Proposed construction includes a 30,000 gallon above ground



liquid propane tank with fueling area and truck parking. Future plans include a
1,200 square foot commercial building and an additional 30,000 gallon aboveground liquid propane tank. A Conditional Use Permit (Application #2023-017)
accompanies the site plan as the proposed construction will render an impervious
surface greater than 15% or 2,500 square feet of the lot. The property is located on
NH Route 27 and is identified as Raymond Tax Map 32, Lot 69 within Zone C1.
Daniel Flores of SFC Engineering Partnership, Shawn Thrasher from Crown Energy

Daniel Flores of SFC Engineering Partnership, Shawn Thrasher from Crown Energy
Solutions, Jessica Hatch of Fuel NRG, and Andrew Wickson of Fuel NRG, came
before the Board. Mr. Flores wanted to use a digital copy of the plans with color and
some extra information to go along with his presentation. Both Mr. McLeod and Ms.
Luszcz said that no new information or plans can be given to the Board at the time
of the meeting. Ms. Luszcz read off the abutters list. Mr. Flores stated that the
application is deemed complete for review.

225 226

## <u>Motion:</u>

- Mr. McLeod made a motion to accept application #2023-016 as
  substantially complete; Ms. Bridge seconded the motion.
  A roll call vote was taken,
  Mr. McDonald Yes
  Mr. Daigle Yes
  Mr. Cett Abstain because new plane were not precented at the
- Ms. Gott Abstain because new plans were not presented at the
   meeting
- 236 Ms. Bridgeo Yes
- 237 Mr. Mcleod Ave
- 238 Ms. Luszcz Aye

239 240

241

The motion passed with a vote of 5 in favor, 0 opposed, and 1 abstention.

Mr. Flores presented the application. The project had a TRC meeting with some comments from Town Staff and DuBois and King which Mr. Flores stated were addressed. The State DOT has approved a driveway permit as well.

245

Mr. Flores explained the difference between liquid propane and fuel oil. Fuel oil can enter the ground and contaminate groundwater. Liquid propane is only liquid if it is under pressure, meaning only when it is inside of the tank. If there is a leak, the propane will turn into gas. Propane is not a regulated substance which means that it poses no threat to groundwater. He stated that the state of New Hampshire does not have any regulations on placement of propane tanks because it is not a



- regulated substance. The plans submitted show that they exceed the setbacks set
- by the fire code and the zoning ordinance.
- 254
- Ms. Luszcz took a poll: hear the public comment before Development with Regional Impact (DRI) review so the public has a chance to speak.
- 257
- A roll call vote was taken,
- 259 Mr. McDonald Yes
- 260 Mr. Daigle Yes
- 261 Ms. Gott Abstain
- 262 Ms. Bridgeo Yes
- 263 Mr. Mcleod Aye
- 264 Ms. Luszcz Aye
- 265
- 266 Mr. Flores continued with a brief overview of the project. Proposed development includes a fenced 30,000-gallon above ground liquid propane tank, gravel fueling 267 area, gravel area with canopy for parking of up to 10 trucks, and a fenced gravel 268 area for smaller tank storage. The site will accommodate future development 269 consisting of a second 30,000-gallon liquid propane tank, a 30' by 40' single story 270 commercial building with parking, pole barn over truck parking area, a private water 271 272 well and septic system to support the building, and up to 30,000 gallons of fire cistern with fire pump building. Note that the cistern and fire pump are proposed for 273 the future building, not for the liquid propane tanks. 274 275

# 276 **Public Comment:**

- Bob Haynie at 27 Old Cart Road appeared before the Board. Mr. Haynie stated that he worked on several plants throughout the seacoast area. He knows that propane is safe, but it is not a good location to have the tanks on a hill where the gas can flow down. For example, Palmer is located in a bowl. Mr. Haynie would like to look at plans to get a better look at what will be constructed. Ms. Luszcz reminded the public that all documents submitted with the application are located on the Town website. Mr. McLeod also let Mr. Haynie borrow his copy of the site plans to review.
- Jim Brigham of 120 Woodland Circle appeared before the Board. He noted that Palmer does not have many abutters nearby and it is illuminated at night versus the new Fuel NRG will have quite a few residents nearby who would not want light pollution at night. Mr. Brigham also voiced concerns regarding the traffic patterns on Route 27. Ms. Luszcz reminded everyone that a traffic study is a requirement.
- 290 Overall, Mr. Brigham feels like the location of Fuel NRG is ridiculous as it is in a 291 busy roadway and so close to a residential area.
- 292
- 293 Public comment for Fuel NRG closed at approximately 8:08 PM.



294

# 295 **Zoning Discussion:**

295

Mr. McLeod wanted to first discuss the zoning determination of the project. The 297 proposed project will be done in a C1 district as a commercial service 298 establishment, Mr. McLeod commented that the use is actually a Petroleum Bulk 299 Plant or Terminal and as the project is in the Groundwater Conservation District, 300 therefore per 5.2.10.7 of the Town's Zoning Ordinance, it states that "the siting 301 302 or operation of a petroleum bulk plant or terminal" is prohibited. From time stamp 01:14:06 to 01:14:38, Mr. Flores of SFC Engineering stated that the 303 project was reviewed by staff back in August and given a "green light" as well as 304 305 referencing a "whole writeup" from Maddie Dilonno, circuit rider planner for the Rockingham Planning Commission in which,"...she agreed that petroleum, um, 306 or Propane does not meet the Petroleum definition." 307

308

Shawn Thrasher from Crown Energy Solutions, Auburn, NH states Time stamp
01:18:04 ,"Propane is not considered a petroleum." He goes on to say at Time
stamp 1:20:34, "By definition, if you were to look up "petroleum" it's not, it's not
listed under, under any any EPA or government standards as a petroleum
product. (referring to Liquid Propane)" Mr. McLeod counters that it's "common
knowledge" that propane is a petroleum product and Mr. Thrasher retorts," I
guess "common" and "mine" are different."

316

At time stamp 01:24:36, "If I could just make a comment, Jessica Hatch, of the Fuel NRG in Windham, NH, I don't think anyone is negating what the regulations say and the intent of them, what we're trying to make a point of is "petroleum" as a specific word does not include "propane".

321

At time stamp 01:28:40, Andrew Wickson, Fuel NRG, states "They (NH DES) do not classify propane as a petroleum product." No reference was given to support this claim.

325 326

327 328

329

330

331

# Motion:

# Ms. Bridgeo made a motion to deny application # 2023-016 without prejudice, as prohibited use 5.2.10.7 and definition 5.2.4.11; Mr. McLeod seconded the motion.

- 332 333
- A discussion ensued where all the members had an opportunity to speak.
- 335 Member Gott was not prepared to deny due to being unsure about the



336 337 338 339 340	classification of propane as a petroleum product. Bob McDonald commented that the propane is stored in bulk liquid form and is therefore a bulk petroleum plant or terminal. Jim McLeod noted he was sorry the application got so far without this being addressed.
341	
341	A roll call vote was taken,
342 343	Ms. Bridgeo – Aye – The use is prohibited in GCOD
343 344	Mr. Mcleod – Aye – The use is prohibited in GCOD
345	Ms. Gott – No – due to the lack of clarity of propane as petroleum
345	Mr. Daigle – Aye – The use is prohibited in GCOD
340	Mr. McDonald – Yes – The use is prohibited in GCOD
348	Ms. Luszcz – Yes – The use is prohibited in GCOD
348 349	ws. Euszez – res – rife use is prohibited in GCOD
349	The motion passed with a majority vote of 5 in favor, 1 opposed, and 0
351	abstentions.
352	
353	
354	Application #2023-008 Onway Lake Village Subdivision:
355	A subdivision application is being submitted by Shiv Shrestha and Matt Silverstein
356	of Onway Lake Development, LLC. The subdivision proposes the initial construction
357	of a 38-lot conservation subdivision with cul-de-sac streets which will constitute
358	Phase 1 of a potential future 3 phase development. A Special Permit related to
359	wetland impacts within the development accompanies the application. The property
360	is located at 15 Sargent Drive at the intersection of Sargent Drive and Deer Run
361	Road, and is located just west of the Green Road/Sargent Drive intersection, and is
362	identified as Raymond Tax Map 20 Lot 58 and Tax Map 26 Lot 1, and within Zone
363	B.
364	
365	Ms. Luszcz read off the abutters list. Joe Coronatti from Jones and Beach
366	Engineers, Matthew Silverstein of Onway Lake Development, LLC, and Attorney
367	Kevin Baum came before the Board. There was a discussion on who should be
368	notified as an abutter.
369	
370	Motion:
371	
372	Mr. McLeod made a motion for future notifications to include the
373	Onway Lake Association; Ms. Bridgeo seconded the motion.
374	
375	Ms. Bridgeo feels that this is too narrow and other easements need to be
376	notified as well.
377	
	Page <b>9</b> of <b>16</b>
	C C



- Public Comment: 378
- 379 Tara Campbell noted that if the Onway Lake Association were to be notified, the 380 abutters list would have to include everyone on the association which would mean people on the other side of the lake. Public comment closed. 381
- 382
- 383 Mr. Baum commented that per RSA676:4,(d)1, they have already met those requirements for notification. 384
- 385
- Mr. McLeod retracted his motion and Ms. Bridgeo retracted her second. Mr. 386
- McLeod is in agreement with the applicant that they have met the requirements. 387 and the Board should move forward with hearing the application. 388
- 389
- Ms. Bridgeo commented that a Letter of Authorization is missing for Tax Map 26 Lot 390 1. Mr. Coronatti stated that the Letters of Authorization were duplicates of the same 391 392 text without an update of the Tax Map and Lot numbers. Ms. Luszcz said that although there are clerical errors, the Board may continue to hear the application, 393 but they cannot make any votes on the application. Ms. Bridgeo feels that there are 394 missing Letters of Authorization from the other condominiums. 395
- 396
- Ms. Gott asked if the lots have been subdivided yet. Mr. Coronatti said that it has 397 398 been divided for condominiums but the Tax Map and Lot numbers have not been 399 changed yet.
- 400

406

407

### Public Comment 401

Scott Campbell mentioned that on April 7, 1988 and June 15, 1989 Planning Board 402 meetings, the conditions of approval and wondered if the existing home owners had 403 more stake than owners of the paper lots. Mr. McLeod stated that this will need to 404 be given to the Board by Town Staff to review. Public comment closed. 405

Motion:

### 408 Mr. McLeod made a motion to not accept application #2023-008 409 Onway Lake Village Subdivision as complete at this time and that 410 the Board gets adjudication from their legal for the next meeting so 411 that they can have it settled; Ms. Bridgeo seconded the motion. 412

- 413
- Mr. Daigle, Mr. McDonald, and Ms. Gott commented that they agree with the 414 motion. Ms. Luszcz also agrees with the motion as it will give more time for 415 clarification with legal. 416
- 417
- A roll call vote was taken, 418
- 419 Ms. Bridgeo – Aye



	TRIST TOWN
420	Mr. Mcleod – Aye
421	Mr. Daigle – Yes
422	Mr. McDonald – Yes
423	Ms. Gott – Yes
424	Ms. Luszcz – Yes
425	
426	The motion passed with a unanimous vote of 6 in favor, 0 opposed, and 0
427	abstention.
428	
429	Ms. Luszcz stated that since the Board is rescheduling the application in a public
430	meeting, notice to the abutters is not required.
431	
432	Motion:
433	
434	Mr. McLeod made a motion to reschedule application #2023-008
435	Onway Lake Village Subdivision to February 22, 2024, at the
436	Raymond High School Media Center, 45 Harriman Hill Road at
437	7:00pm; Mr. Daigle seconded the motion.
438	
439	A roll call vote was taken,
440	Ms. Gott – Yes
441	Ms. Bridgeo – Yes
442	Mr. Mcleod – Aye
443	Mr. Daigle – Yes
444	Mr. McDonald – Yes
445	Ms. Luszcz – Yes
446	
447	The motion passed with a unanimous vote of 6 in favor, 0 opposed, and 0
448	abstention.
449	
450	Approval of Minutes:
451 452	December 21, 2023
452 452	December 21, 2023
453 454	Motion:
455	
455	Mr. McLeod made a motion to defer the December 21, 2023 and
457	January 4, 2024 meeting minutes until the next available time to do
458	them; Mr. McDonald seconded the motion.
459	
460	A roll call vote was taken,
461	Mr. McDonald – Yes



	45 Harriman Hill Road, Raymond, NH 03077
462	Mr. Daigle – Yes
463	Mr. Mcleod – Aye
464	Ms. Bridgeo – Yes
465	Ms. Gott – Yes
466	Ms. Luszcz – Aye
467	
468	The motion passed with a unanimous vote of 6 in favor, 0 opposed, and 0
469	abstention.
470	
471	Other Business:
472	
473	Staff Updates:
474	No staff were present.
475	
476	Board Member Updates:
477	Mr. McLeod volunteered to serve on the CIP as a Planning Board Member.
478	
479	Motion:
480	
481	Ms. Bridgeo made a motion to appoint Mr. McLeod as our second
482	Planning Board CIP member; Ms. Luszcz seconded the motion.
483	A roll call vote was taken,
484 485	Mr. McDonald – Yes
485 486	Ms. Bridgeo – Yes
480	Ms. Gott – Yes
488	Mr. Daigle - Yes
489	Mr. Mcleod – Aye
490	Ms. Luszcz – Aye
491	
492	The motion passed with a unanimous vote of 6 in favor, 0 opposed, and 0
493	abstention.
494	
495	Mr. McDonald on behalf of the cemetery committee, there will be 3 cemetery
496	trustee positions available to vote on in the March election. The dates to enter
497	names are between January 24 to February 2. For further information, go to the
498	Raymond Town website under the Cemetery Advisory Committee.
499	
500	Any other business:
501	None
502	
503	Adjournment:



504	
504 505	Motion:
505 506	
506	Mr. McLeod made a motion adjourn; Mr. McDonald seconded the
	motion.
508	
509	A roll call yets was taken
510	A roll call vote was taken,
511	Ms. Gott – Yes
512	Ms. Bridgeo – Yes
513	Mr. Mcleod – Aye
514	Ms. Luszcz – Aye
515	Mr. Daigle – Yes
516	Mr. McDonald – Yes
517	
518	The motion passed with a unanimous vote of 5 in favor, 0 opposed, and 0
519	abstention.
520	
521	Chair Luszcz announced the next meeting will be on Thursday January 18, 2024
522	at 7:00 PM and adjourned the meeting at approximately 10:00 PM.
523	
524	Respectfully submitted,
525	
526	Christine M. Aiello
527	
528	The video of this meeting is to be preserved for 5 years, attached to these
529	minutes and made part of the permanent record.
530	
531	Attachments:
532	
533	2024 Zoning Ordinance Amendments:
534	
535	Zoning Amendment No. 1 - Article 5: Overlay Districts; Subsections
536	5.2.4.8., 5.2.4.10, 5.2.4.15. and 5.2.6.2.5. Conditional Uses:
537	Are you in favor of the adoption of Amendment No. 1 as proposed by the
538	Planning Board for the Town Zoning Ordinance as follows: To amend Article 5:
539	Overlay Districts specifically to amend Subection 5.2.4.8 DEFINITIONS to
540	amend the definition of Impervious Surface as follows: A surface through
541	which regulated substances cannot pass when spilled. Impervious surfaces
542	include concrete unless unsealed cracks or holes are present. Asphalt; earthen,
543	wooden, or gravel surfaces; or other surfaces which could react with or dissolve
544	when in contact with the substances stored on them are not considered
545	impervious for the express purpose of retaining the regulated substances,

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however these surfaces are considered impervious for the calculation of 546 stormwater impacts and other regulatory calculations separate from the 547 548 retention of spills. (03/24); FURTHER to amend Subsection 5.2.4.10 **DEFINITIONS** to amend the definition of **Outdoor Storage** as follows: Storage 549 of materials where they are not protected by the elements by a roof, walls, and a 550 floor with a surface impervious to regulated substances. (03/24): **FURTHER** to 551 amend Subsection 5.2.4.15 DEFINITIONS to amend the definition of 552 Secondary Containment as follows: A structure such as a berm or dike with a 553 554 surface impervious to regulated substances which is adequate to hold at least one-hundred ten percent (110%) of the volume of the largest regulated 555 substances container that will be stored there. (03/24); and FURTHER to amend 556 557 Subsection 5.2.6.2.5, Conditional Uses as follows: All regulated substances stored in containers with a capacity of more than 5 gallons must be stored in 558 product-tight containers on a surface impervious to regulated substances 559 560 designed and maintained to prevent flow to exposed soils, floor drains, and outside drains. (03/24) 561 562 Zoning Amendment No. 2 - Article 5: Overlay Districts; 5.2.4. DEFINITIONS; 563 Add Subsection 5.2.4.21. Wetland Buffer: 564 Are you in favor of the adoption of Amendment No. 2 as proposed by the 565 Planning Board for the Town Zoning Ordinance as follows - To amend Article 566 5: Overlay Districts specifically to amend Section 5.2.4. DEFINITIONS by 567 adding the following Subsection 5.2.4.21. "Wetland Buffer": Wetland buffer or 568 wetland setback means a designated area contiguous or adjacent to a wetland 569 that is required for the continued maintenance, function, and ecological stability 570 of the wetland. (03/24)571 572 Zoning Amendment No. 3 - Article 4: ZONES; Section 4.9.3. DISTRICT 573 **BOUNDARIES, Subsection 4.9.3.1. Shoreland Protection Area:** 574 Are you in favor of the adoption of Amendment No. 3 as proposed by the 575 Planning Board for the Town Zoning Ordinance as follows: To amend Article 4: 576 **ZONES** specifically to amend Section 4.9.3. DISTRICT BOUNDARIES: 577 Subsection 4.9.3.1. to the following: SHORELAND PROTECTION AREA: Is 578 579 any area of land within seventy-five (75)feet of the seasonal high-water mark of any river, brook, lake or pond, or intermittent or perennial stream.(03/24) 580 581 582 Zoning Amendment No. 4 - Article 4: ZONES; Section 4.9.3. DISTRICT BOUNDARIES, Add Subsection 4.9.3.5. Wetland Setback Area: 583 Are you in favor of the adoption of Amendment No. 4 as proposed by the 584 Planning Board for the Town Zoning Ordinance as follows: To amend Article 4: 585 ZONES specifically to amend Section 4.9.3. DISTRICT BOUNDARIES; by 586 adding the following Subsection 4.9.3.5. "Wetland Setback Area": as 587



- defined in Section 15.3.2. (03/24); and FURTHER to amend section 4.9.5. to the
  following: "Wetlands and Setbacks" in the heading of the Allowed Uses Table.
  (03/24)
- 591

# Zoning Amendment No. 5 - Article 15: AREA AND DIMENSIONAL REQUIREMENTS & ASSOCIATED NOTES; Section 15.1 Area and Dimensional Table

- 594Dimensional Table
- 595 Are you in favor of the adoption of Amendment No. 5 as proposed by the Planning Board for the Town Zoning Ordinance as follows: To amend **Article**
- Planning Board for the Town Zoning Ordinance as follows: To amend Article
   **15:** AREA AND DIMENSIONAL REQUIREMENTS & ASSOCIATED NOTES
- 597 15: AREA AND DIMENSIONAL REQUIREMENTS & ASSOCIATED NOTES
   598 specifically to amend Section 15.1 Area and Dimensional Table as follows:

specifically to amend <b>Section 13.1 Area and Dimensional Table</b> as follows.								
Zone	Minimum Lot	Minimum	Minimum Frontage	Minimum Setbacks			Serviced by	
	Size Square	Lot Size					Town	
	Feet	Acreage					Water	
				Front	Side	Rear		
G	*	*	*	*	*	*	*	
*Refer to section 15.3 Special Requirements in Zone G (03/24)								

- 599 600
- Zoning Amendment No. 6 Article 4: ZONES; Section 4.9.3. DISTRICT
   BOUNDARIES: Subsection 4.9.3.3, Subsection 4.9.3.4 and Subsection
   4.9.4.2. Rockingham County Soil Survey Map
- Are you in favor of the adoption of Amendment No. 6 as proposed by the
- 605 Planning Board for the Town Zoning Ordinance as follows: To amend *Article 4:*
- **ZONES** specifically to amend **4.9.3. DISTRICT BOUNDARIES**; Subsection
- 4.9.3.3, Rockingham County Soil Survey Map as follows: To amend the
   reference in Subsection 4.9.3.3. to "Rockingham County Soil Survey Map, most
- 609 current edition" (03/24); *FURTHER* to amend the reference in **Subsection**
- **4.9.3.4.** to "Rockingham County Soil Survey Map, most current edition" (03/24);
- and *FURTHER* to amend the reference in **Subsection 4.9.4.2.** to "Rockingham County Soil Survey Map, most current edition". (03/24)
- 612 County Soil Survey Map, most current edition . (03/24) 613
- 614Zoning Amendment No. 7 Article 5: Overlay Districts; Section 5.4. Mixed615Use Business Campus Overlay District (03/2007); and Article 14: Allowed616Uses Table; Section 14.1 Allowed Uses Table and Subsection 14.2.6. Notes617to Allowed Uses Table
- 617 to Allowed Uses Table
- Are you in favor of the adoption of Amendment No. 7 as proposed by the
   Planning Board for the Town Zoning Ordinance as follows: To amend Article 5,
- specifically to remove Section 5.4 Mixed Use Business Campus Overlay
- District (MUBCOD) (03/24); FURTHER to amend Article 14.1 Allowed Uses
- Table to *specifically* remove all references to the Mixed Use Business Campus
- 623 Overlay District/MUBCOD (03/24); and FURTHER to specifically remove
- 624 **Subsection 14.2.6**. (03/24)



625

# **Zoning Amendment No. 8 - Article 13 DEFINITIONS: Solar Panels**

Are you in favor of the adoption of Amendment No. 8 as proposed by the

628 Planning Board for the Town Zoning Ordinance as follows: To amend Article

13: **DEFINITIONS** by specifically **adding** the following **Subsection** named

630 **"Solar Panel":** A Solar Panel is a panel designed to absorb the sun's rays as a

source of energy for generating electricity or heating. All Solar Panels are

considered 100% impervious for the calculation of impervious surfaces. (03/24)

633



- 1 Zoning Board Members Present:
- 2 Keith Smith Chairman
- 3 Tom Luszcz Member
- 4 David Hall Member
- 5 Paul McCoy Member
- 6
- 7 Member Absent:
- 8 Joyce Wood- Alternate
- 9
- 10 Staff Present:
- 11 None
- 12
- 13 Staff Absent:
- 14 Jason Cleghorn Community Development Director

## 15

16 **<u>Pledge of Allegiance</u>**: recited by all in attendance.

## 17

- 18 <u>Roll Call</u>: David Hall, Member; Paul McCoy, Member; Keith Smith, Chair; Tom Luszcz,
   19 Member.
- 20
- 21 Approval of Minutes:
- 22 November 15, 2023
- 23 Motion:

Mr. McCoy made motion to approve the minutes from November 15, 2023, as written; Mr. Hall seconded the motion.

- Mr. Luszcz commented that he noticed the minutes said "Ms. Luszcz" instead of "Mr. Luszcz".
- 28

# A unanimous vote was taken by a show of hands. Motion passed.

29

# 30 Board Member Updates:

Mr. Smith said that they are still waiting for the 2024 ZBA Meeting Calendar from Mr. Cleghorn.

33

Mr. McCoy asked for an update on alternates for the Board and Mr. Smith said that it is still with the Board of Selectmen.

- 36
- Mr. Luszcz brought up the possibility of updating their Rules of Procedure in 2024 pertaining to ethics training – does the same training have to be reoccurring annually. Mr. Smith said that would be per the Code of Ethics Ordinance and the ZBA cannot change that.
- 40

# 41 Staff Member Updates:



42 Mr. Smith said, as necessary, the Building Inspector, Dana Dinsmore, can attend the ZBA

43 meetings and so can the Planning Technician, Christine Aiello, who is currently in training.

44 She was helping Mr. Smith while Mr. Cleghorn was out the previous week.

45

# 46 **Public Hearing**:

47

Mr. Smith asked the applicant if they wished to proceed with the hearing with only 4 members of the Board present as it is not part of the grounds for them to appeal. The applicant still wanted to proceed with the hearing. noted that they would be doing the hearing under RSA 673:15 asking to confirm that they will tell the truth, the whole truth and nothing but the truth.

53

# 54 Application 2023-011 Brian Thompson – 12 Christina Road

Application for variance has been submitted by Brian Thompson, owner of 12 Christina Road at Map 31/Lot 90. The request is for relief from Article 15, Section 1 of the Town of Raymond Zoning Ordinance which requires setbacks of 30 feet on the side, rear, and front; where 9.72 feet on the northeast side is requested to be provided in conjunction with the construction of an attached Accessory Dwelling Unit. The property is located within the Residential B Zoning

60 District.

61

Brian Thompson, the applicant, introduced himself and swore to tell the truth. Mr. Thompson first wanted to clarify that the setback should only be 25 feet as it is a lot with less than 2 acres; he confirmed the information with both Mr. Cleghorn and Mr. Dinsmore. The Board confirmed this in the Zoning Ordinances for the Town under 15.2 Notes to Area and Dimensional Requirements. Mr. Hall said a rehearing may need to happen since the original information sent out in the legal and abutters notices was incorrect.

68

Mr. Thompson summarized that his lot is long and skinny with a ledge in the back where he would not be able to build without blasting; from the front of the property on the left side, his neighbor's house is too close to build next to; the front of the property has the house's septic leach field. The proposed area to build is the righthand side of the property which will come within 10 feet of his neighbor's driveway which would be unbuildable on the neighbor's property.

75

Mr. Hall asked why he could not build on a slab. Mr. Thompson said that he would still likely run into some issues with building near the ledge and he was going to put it on a slab anyway.

79

Mr. Smith commented that the original application had a variance between 6 and 12 feet versus what Mr. Thompson was presenting tonight and, on the drawing, had 9.72 feet of variance. Mr. Thompson wanted to give himself some room to play around with the exact location as he has not gotten official plans drawn yet. If necessary, he can stick to the 9.72 feet of variance. Mr. Smith agreed that the variance needs to be strict and that the 9.72 feet should be followed.



- 86
- 87 Mr. Thompson went over his application answers:
- Granting a variance would not be contrary to the public because: it would not negatively impact the health, safety, economic or social well-being of the community.
   Further, it would not negatively impact any natural resources, create congestion, or overcrowd any land.
- Granting a variance would be consistent with the spirit of the ordinance because: there
   will still be enough variance between buildings and the neighboring driveway isn't a
   buildable area.
  - 3. Granting a variance would do substantial justice because: the layout of his lot prevents building anywhere else on the property.
- 97
   98
   4. Granting a variance would not diminish the values of surrounding properties because:
   98
   98
   98
   98
- 99

5.

95

96

- 100 101
- b. The proposed use is a reasonable one because his lot is narrow and per the summarized issues above.
- 102

Mr. Luszcz asked about the existing shed on the property – if it was built with a variance. Mr. Thompson said that it did not have a variance and it was built on the property by a contractor, assuming they took care of the paperwork. Mr. Smith asked if he was granted a building permit for the shed and Mr. Thompson assumed that the contractors got the permits necessary. Mr. Thompson said that once the shed is moved, it will have plenty of setback from the property line.

109

Mr. Hall's concern was granting a variance without set plans - location, setback, area of the 110 addition, etc. - he would be fine with the setback further away than the 9.72 feet but nothing 111 closer to the neighboring property line. Mr. Thompson is looking to have the addition be 112 1,000 square feet of living space, which is the maximum space per the Zoning Ordinance. 113 Mr. Hall commented that a variance may be needed for the space between the new addition 114 and the existing garage. Mr. Hall asked about how many bedrooms would be in the dwelling 115 and if there would be enough parking to accommodate. Mr. Thompson said it would be a 116 117 one-bedroom dwelling and he has plenty of parking in his driveway already. Mr. Hall recommends tabling this application to next month to ensure all details are finalized. 118

- 119 120 Mr. Smith remarked that Mr. Hall's concerns were related to design versus the application 121 was regarding a variance request. The building plans would need to be approved by a
- 122 building inspector, not the Zoning Board.
- 123

Mr. McCoy asked if Mr. Thompson could follow a maximum of 10 feet setback to align to Zone A land regulations. Mr. Thompson said yes. Mr. Hall commented also that the applicant may want to also check with the original site plan for the housing development because it may have its own dimensional requirements for each property which would need to be followed along with the Town's ordinance.



- 130 **Public Comment:**
- 131 No one was present to make any comment.
- 132
- 133 Motion:
- 134Mr. Hall made a motion to grant a dimensional side boundary variance for 10135feet for an accessory dwelling unit to not exceed the requirements of the Town's
- ordinance 6.10 Accessory Dwelling Units; Mr. McCoy seconded the motion.
- 137 138
- A vote was taken by show of hands and the motion passed unanimously.
- 139140 Adjournment:
- 141
- 142 **Motion:**
- 143 Mr. Hall made motion to adjourn; Mr. McCoy seconded the motion.
- A unanimous vote was taken by a show of hands. Motion passed.
- 145

147

- 146 Chair Smith djourned the meeting at approximately 7:20 PM.
- 148 Note: Video Supplement to Minutes can be found @ RCTV on Demand (5 years)
- 149 https://cloud.castus.tv/vod/rctv?page=HOME
- 150
- 151 Respectfully submitted,
- 152
- 153 Christine M. Aiello