



**North Carolina Onsite Wastewater Contractor Inspector Certification Board
Authorized Onsite Wastewater Evaluator Permit Option for Non-Engineered Systems
Notice of Intent (NOI) to Construct**

New Expansion Repair Relocation Relocation of Repair Area

Owner or Legal Representative Information:
 Name: Parminder Sandhar
 Mailing address: 320 Flatrock Ln City: Holly Springs State: NC Zip: 27540
 Phone: 919-924-2154 Email: Parmsandhar@gmail.com



Authorized Onsite Wastewater Evaluator Information:
 Name: Hal Owen Certification #: 10036E
 Mailing address: PO Box 400 City: Lillington State: NC Zip: 27546
 Phone: 910-893-8743 Email: hal@halowensoil.com

Site Location Information:
 Site address: 12082 NC 42, Fuquay Varina, NC
 Tax parcel identification number or subdivision lot, block number of property: PIN 0635-79-7670
 County: Harnett

System Information:
 Wastewater System Type: IIb (Accepted wastewater gravity system)
 Daily Design Flow: 750 gpd
 Sapro-lite System: Yes No Subsurface Operator Required: Yes No
 Water Supply Type: Private Well Public Water Supply Spring Other: _____

Facility Type:
 Residential # Bedrooms _____ Maximum # of Occupants _____
 Business Type of Business and Basis for Flow: Child Care Center (50 students X 15 gal/student)
 Public Assembly Type of Public Assembly and Basis for Flow: _____

Required Attachments:
 Plat or Site Plan
 Evaluation of Soil and Site Features by Licensed Soil Scientist

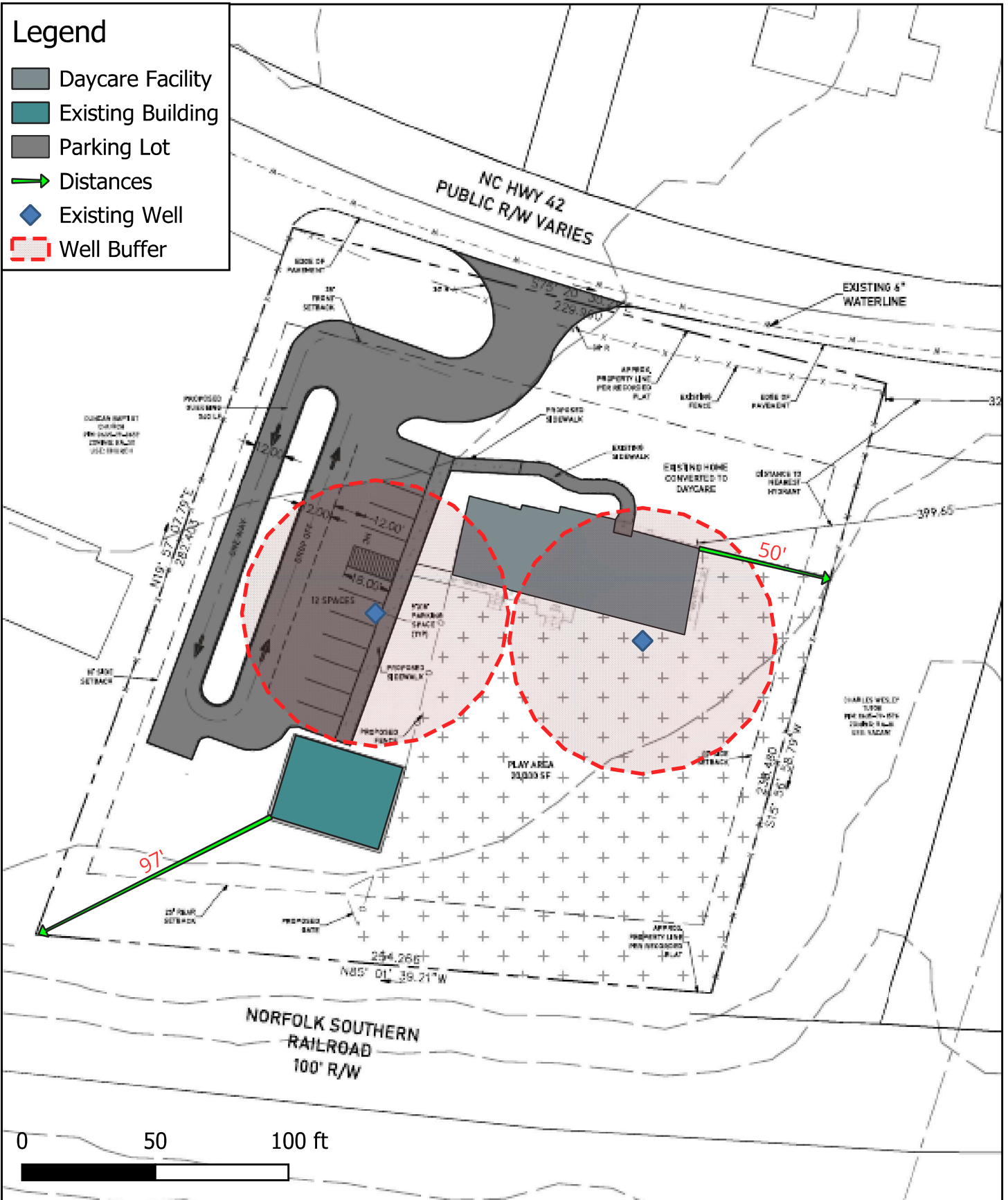
Attest: On this the 26 day of March, 2026 by signature below I hereby attest that the information required to be included with this NOI to Construct is accurate and complete to the best of my knowledge. Furthermore, I hereby attest that I have adhered to the laws and rules governing onsite wastewater systems in the state of North Carolina.
 This NOI shall expire on 26 day of March, 2031.
 Signature of Authorized Onsite Wastewater Evaluator: 
 Signature of Owner or Legal Representative:  Parminder Sandhar 04/19/26

Disclosure: The owner may apply for a building permit for the project upon submitting a complete NOI to Construct and the fee required (if any) to the local health department. An onsite wastewater system authorized by an authorized onsite wastewater evaluator shall be transferable to a new owner with the consent of the authorized onsite wastewater evaluator.

Local Health Department Receipt Acknowledgement:
 Signature of Local Health Department Representative: _____ Date: _____


Legend

- Daycare Facility
- Existing Building
- Parking Lot
- Distances
- Existing Well
- Well Buffer



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12082 NC 42
 Fuquay Varina, NC
 Harnett Co.



Site Plan

For reference only. Not a survey.

AOWE EVALUATIONHAL OWEN ASSOCIATES
www.halowensoil.com# HOA-AOWE-2601-39Issue date **3/26/2026**Expiration **3/26/2031****APPLICANT INFORMATION**

Name	Parminder Sandhar		
Mailing Address	320 Flatrock Ln, Holly Springs, NC 27540		
E-mail Address	Pamsandhar@gmail.com	Telephone Number	919-924-2154

PROPERTY IDENTIFIERS

County	Harnett	PIN	0635-79-7670
Size (Acre)	1.42	County PID	
Site Address	12082 NC 42, Fuquay Varina, NC		
S/D Name and Lot#			

PROJECT INFORMATION

Wastewater System	New	.0403 Eng Low Flow	No
Wastewater Strength	Domestic	Effluent Standard	DSE
Facility Type	Business	Water Supply	Public Water
Design Wastewater Flow	750 gpd	gal/unit	15
Basis for Flow	50 Students		
Basement	No	Fixtures in basement?	No
Crawl Space	Yes	Slab Foundation	No

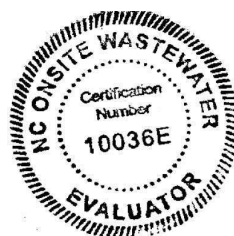
CONSULTANT INFORMATION

Company Name	Hal Owen & Associates, Inc.		
Mailing Address	PO Box 400, Lillington, NC 27546		
E-mail Address	hal@halowensoil.com	Telephone Number	910-893-8743
Licensed Soil Scientist	Britt Wilson, LSS#1351	AOWE	Hal Owen, #10036E

A soil and site evaluation has been conducted for the referenced property for the purpose of permitting a subsurface wastewater system. This evaluation was prepared based on information provided by the applicant to include the basis for design flow, proposed structure location(s), and property boundaries. Any false, inaccurate, or incomplete information provided by the applicant, owner, or legal representatives may result in denial or revocation of applications, approvals, or permits.

This AOWE Evaluation is being submitted pursuant to and meets the requirements of G.S.130A-336.2. This evaluation includes a soil and site evaluation, specifications, plans, and reports for the site layout and construction of a proposed onsite wastewater system by an Authorized On-Site Wastewater Evaluator (AOWE). The evaluation of soil conditions and site features is provided in accordance with G.S. 130A-335(e), the Rules for "Wastewater Treatment and Dispersal Systems", 15A NCAC 18E, and local septic regulations (if any). This report represents my professional opinion as a Licensed Soil Scientist and Authorized Onsite Wastewater Evaluator.





AOWE EVALUATION

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WASTEWATER SYSTEM DESIGN SPECIFICATIONS

Permit # HOA-AOWE-2601-39

Proposed Design Daily Flow	<u>750</u> gpd	Drainfield Meets Requirements:
Septic Tank Size (minimum)	<u>1378</u> gallons	.0508 Available Space <u>Yes</u>
Pump Tank Size (minimum)	<u>1378</u> gallons, if required	.0601 Setbacks <u>Yes</u>

Initial System

System Type	<u>IIb – Accepted wastewater gravity system</u>		
Pump Required	<u>No</u>	ft TDH at	<u> </u> GPM
Trenches:	<u>Quick4 standard chamber 25% reduction</u>		
Design LTAR	<u>0.40</u> gal/day/ft ²	Saprolite System	<u>No</u>
Total Trench/ Bed Length	<u>472</u> feet	Fill System	<u>No</u>
Trench Spacing	<u>9</u> ft on center		
Usable soil depth to LC	<u>48</u> inches		
Maximum Trench Depth	<u>24</u> inches, measured on downhill side of trench		
Minimum Soil Cover	<u>6</u> inches		
Artificial Drainage Required	<u>No</u>		

Repair System

System Type:	<u>IIb – Accepted wastewater gravity system</u>		
Pump Required	<u>No</u>		
Trenches:	<u>Quick4 standard chamber 25% reduction</u>		
Design LTAR	<u>0.40</u> gal/day/ft ²	Saprolite System	<u>No</u>
Total Trench/ Bed Length	<u>472</u> feet	Fill System	<u>No</u>
Trench Spacing	<u>9</u> ft on center		
Usable soil depth to LC	<u>48</u> inches		
Maximum Trench Depth of	<u>24</u> inches, measured on downhill side of trench		
Minimum Soil Cover	<u>6</u> inches		

Potential Drainlines flagged at site on 9-ft centers.

Line #	Color	Relative Elevation (ft)	Drainline Length(ft)	Field Length(ft)	
1	R	96.72	118	136	Initial
2	Y	95.90	118	149	
3	B	95.41	118	253	
4	W	94.94	118	250	
5	B	95.41	118	253	Repair
6	W	94.94	118	250	
7	R	94.47	70	70	
8	Y	94.09	48	48	
9	B	94.64	118	141	
Septic Tank:		99.31			
Reference Elev:		100.00			

Notes:

- *No grading or removal of soil in initial or repair areas
- *Property lines per owner
- *Trench bottoms shall be level to +/- 1/4" in 10ft
- *All parts of septic system must meet minimum setbacks

AOWE EVALUATION

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HOA-AOWE-2601-39

PERMIT CONDITIONS

The requirements of 15A NCAC 18E are incorporated by reference into this permit and shall be met.

System shall be installed in accordance with the attached Wastewater System Design Specifications. See attached SYSTEM LAYOUT for wastewater system design and location.

Any changes to the site plan or intended use must be approved by Hal Owen & Associates. Permit modification and resubmittal to the LHD may be necessary to ensure regulatory compliance.

Conformance to ALL regulatory setbacks shall be maintained. Local regulations (such as County, well, or riparian ordinances) may require more stringent setbacks than specified in the State septic regulations.

Minimum soil cover of six inches shall be established over dispersal field. Soil cover above the original grade shall be placed at a uniform depth over the entire dispersal field and shall extend laterally five feet beyond the dispersal trench. Site shall be graded to shed water away from field and a vegetative cover established to prevent erosion.

The dispersal field and repair area shall not be subject to vehicular traffic. Vehicular traffic can damage soils, pipes, and valve boxes. Do not use septic areas for parking.

Do not allow underground utilities, water lines, or sprinkler systems to be installed in the septic areas. Damage to the septic areas could result in the septic permit being revoked.

The wastewater system shall not be covered until inspected by Hal Owen & Associates and shall not be placed into use until an Authorization to Operate is issued.

SPECIFIC REQUIREMENTS

A pre-construction conference with the septic contractor is required prior to installation.

Call Hal Owen & Associates at least five days in advance to schedule 910-893-8743

The inlet and outlet of all tanks shall be equipped with an approved pipe penetration boot.

A pump tank should be added if gravity distribution cannot be demonstrated.

All gutter drains must be diverted away from the septic field.

There are two existing wells on this property that must be properly abandoned.

The existing septic system shall be properly abandoned.

During installation, areas where the existing supply line intersects the new drainlines, must be dammed or otherwise blocked to prevent flow-through.

Legend

- Daycare Facility
 - Existing Building
 - Parking Lot
 - Distances
 - Reference Elevation
 - Existing Well
- Septic Components**
- Septic Tank
 - Distribution Box
 - Existing Tank
- Drainlines**
- Initial
 - Repair
 - Existing
 - Supply Line
 - Existing Supply Line

Design Daily Flow: 750 gpd

Initial System:

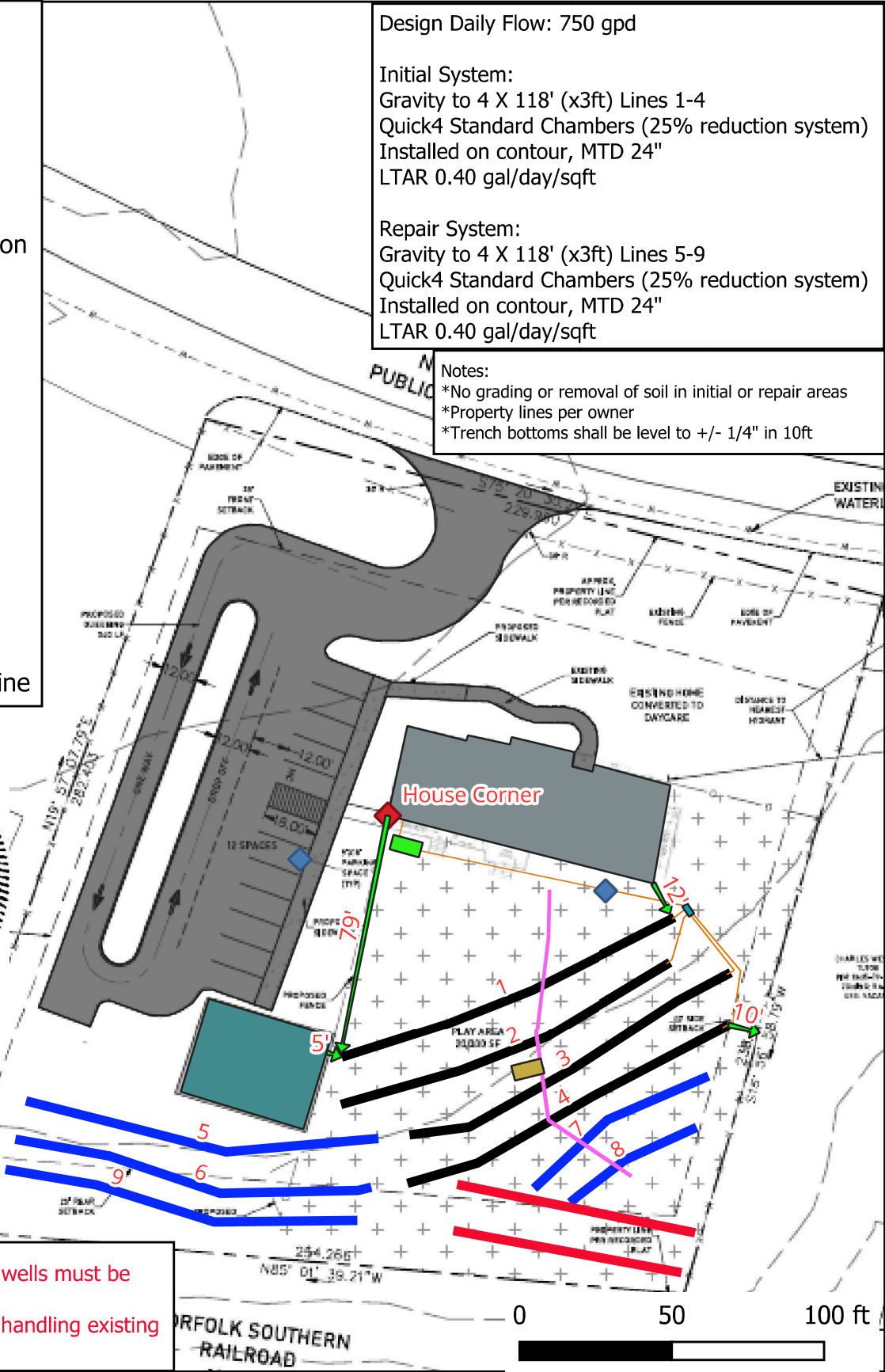
Gravity to 4 X 118' (x3ft) Lines 1-4
 Quick4 Standard Chambers (25% reduction system)
 Installed on contour, MTD 24"
 LTAR 0.40 gal/day/sqft

Repair System:

Gravity to 4 X 118' (x3ft) Lines 5-9
 Quick4 Standard Chambers (25% reduction system)
 Installed on contour, MTD 24"
 LTAR 0.40 gal/day/sqft

Notes:

- *No grading or removal of soil in initial or repair areas
- *Property lines per owner
- *Trench bottoms shall be level to +/- 1/4" in 10ft



Existing septic system and wells must be properly abandoned.
 See permit conditions for handling existing supply line.

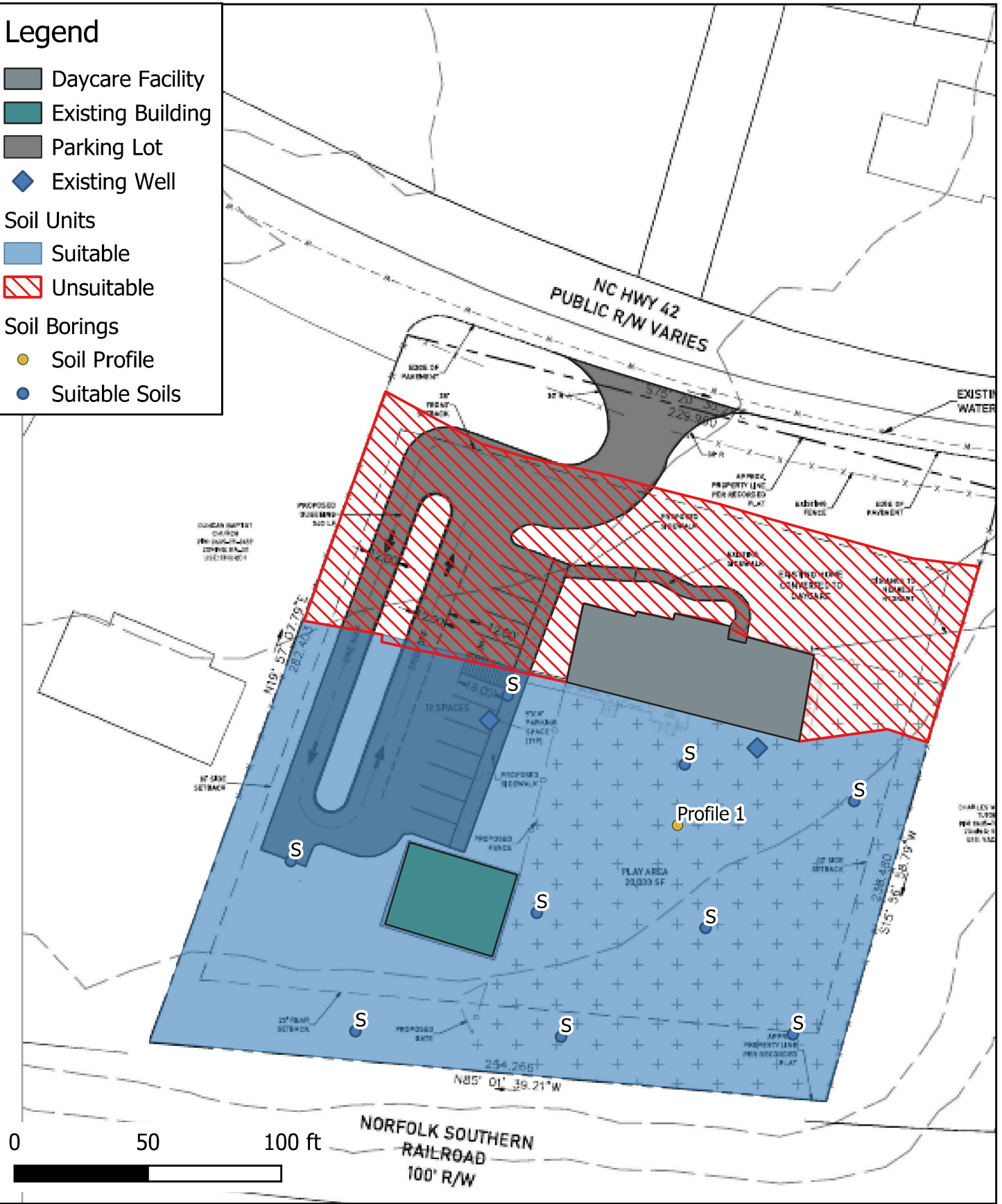
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12082 NC 42
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Septic Layout
 For reference only. Not a survey.

Legend

-  Daycare Facility
-  Existing Building
-  Parking Lot
-  Existing Well
- Soil Units
-  Suitable
-  Unsuitable
- Soil Borings
-  Soil Profile
-  Suitable Soils



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Soil Map for Septic Suitability

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AOWE EVALUATION

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Permit # HOA-AOWE-2601-39

SOIL/SITE EVALUATION FORM FOR ON-SITE WASTEWATER SYSTEM

OWNER NAME: Parminder Sandhar

PROPOSED FACILITY: Business DESIGN DAILY FLOW: 750 WATER SUPPLY Public Water

LOCATION OF SITE: 12082 NC 42, Fuquay Varina, NC PIN: 0635-79-7670

WASTEWATER TYPE: Domestic COUNTY: Harnett

EVALUATION METHOD: AUGER BORING PIT CUT

EVALUATED BY: Britt Wilson, LSS#1351 DATE EVALUATED: 3/3/26

	INITIAL SYSTEM	REPAIR SYSTEM
AVAILABLE SPACE	1406 ft ² trench bottom	1406 ft ² trench bottom
SYSTEM TYPE	Quick4 standard chamber 25% reduction	Quick4 standard chamber 25% reduction
SITE LTAR	0.40 gpd/ft ²	0.40 gpd/ft ²
MAX TRENCH DEPTH	24 inches (measured on downhill side)	24 inches (measured on downhill side)
SITE CLASSIFICATION	<u>Suitable</u>	OTHER FACTORS _____

COMMENTS:

PROFILE 1

HORIZON DEPTH	COLOR	CONSI- TENCE	TEXTURE	STRUCTURE	MINERA- LOGY	OTHER PROFILE FACTORS	
0-10	10YR 4/3	VFR	LS	GR	SEXP	LANDSCAPE POSITION	CV
10-18	10YR 7/3	VFR	LS	GR	SEXP	SOIL WETNESS DEPTH	>48"
18-30	10YR 5/6	FR	SL	SBK	SEXP	SOIL WETNESS COLOR	
30-40	10YR 6/6	FR	SCL	SBK	SEXP	SOIL DEPTH	48"
40-48+	10YR 6/6	FI	SCL	SBK	SEXP	SAPROLITE CLASS	NA
						RESTRICTIVE HORIZON	NA
						SLOPE %	6
PROFILE CLASSIFICATION			Suitable	LTAR gpd/ft ²	0.4	SLOPE CORRECTION (IN)	2.2
COMMENT							

AOWE EVALUATION

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SOIL/SITE EVALUATION FORM FOR ON-SITE WASTEWATER SYSTEM

LEGEND OF ABBREVIATIONS

LANDSCAPE POSITION	TEXTURE GROUP	TEXTURE CLASS	LTAR (gal/day/sqft)
CC - Concave Slope	I	S - Sand	1.2-0.8
CV - Convex Slope		LS - Loamy Sand	
DS - Debris Slump	II	SL - Sandy Loam	0.8 – 0.6
D - Depression		L - Loam	
DW - Drainage Way			
FP - Flood Plain	III	SCL - Sandy Clay Loam	0.6 – 0.3
FS - Foot Slope		CL - Clay Loam	
H - Head Slope		SiL - Silt Loam	
L - Linear Slope		Si - Silt	
N - Nose Slope		SiCL - Silt Clay Loam	
R - Ridge			
S - Shoulder Slope	IV	SC - Sandy Clay	0.4 – 0.1
T - Terrace		C - Clay	
TS - Toe Slope		SiC - Silty Clay	
		O - Organic	

STRUCTURE	MOIST CONSISTENCE	WET CONSISTENCE
G - Single Grain	VFR - Very Friable	NS - Non Stick
M - Massive	FR - Friable	SS - Slightly Sticky
CR - Crumb	FI - Firm	MS - Moderately Stick
GR - Granular	VFI - Very Firm	VS - Very Sticky
SBK - Subangular Blocky	EFI - Extremely Firm	
ABK - Angular Blocky		NP - Non Plastic
PL - Platy	MINERALOGY	SP - Slightly Plastic
PR - Prismatic	SEXP - Slightly Expansive	MP - Moderately Plastic
	EXP - Expansive	VP - Very Plastic

MOTTLES			
	f – few	1 - fine	F - Faint
	c – common	2 - medium	D - Distinct
	m – many	3 - coarse	P - Prominent

Give Horizon Depth in inches below natural soil surface and Fill Depth in inches above land surface.

Depth to Soil Wetness: inches below land surface to free water or to soil colors with chroma 2 or less.

Classification: S – Suitable U – Unsuitable

All soil characteristics were described in accordance with the USDA Field Book for Describing and Sampling Soils. The soils were evaluated under moist soil conditions. This evaluation included observations of topography and landscape position, soil morphology (texture, structure, clay mineralogy, organics), soil wetness, soil depth, and restrictive horizons.

AOWE EVALUATION

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TERMS AND CONDITIONS

This AOWE Evaluation is intended to file a Notice of Intent to construct a wastewater system with the Local Health Department and shall expire in five years. This evaluation is not a permit to develop. The owner and subcontractors will need to abide by all state and local rules and regulations pertaining to planning, zoning, and land use development.

Notice of Intent to Construct – Prior to commencing or assisting in the construction, siting, relocation, or repair of a wastewater system, a complete Notice of Intent (NOI) to Construct a wastewater system using an AOWE must be submitted to the Local Health Department (LHD). The owner may apply for a building permit for the project upon submitting a complete NOI and the required fee.

Plan Alterations – If there are any changes in the site plan that can impact the wastewater system, such as moving the house or driveway, site alterations, or if the applicant chooses to change the design daily flow prior to wastewater system construction, a new NOI shall be submitted to the LHD. The applicant shall request in writing that the PE or AOWE invalidate the prior NOI with a signed and sealed letter sent to the applicant and LHD.

Site Alterations – The applicant shall be responsible for preventing modifications or alterations of the site for the wastewater system and the system repair area before, during, and after any construction activities for the facility, unless approved by the AOWE.

On-Site Wastewater System Contractor – The AOWE shall assist the owner in the selection of a certified on-site wastewater system contractor who shall be under contractual obligation to the owner and have sufficient errors and omissions, liability, or other insurance for the system constructed.

Inspections, Construction Observations, and Reports – The AOWE shall make periodic visits to the site to observe the progress and quality of the construction of the wastewater system.

Authorization to Operate (ATO) – Upon determining that the wastewater system has been properly installed and is capable of being operated in accordance with the conditions of the permit, the AOWE shall provide the owner with a report that includes inspection reports, a written operation and management program, any special reports, and an Authorization to Operate. The owner shall sign confirming acceptance and receipt of the report, and then provide a copy to the LHD who will issue the certificate of occupancy for the facility.

Operation and Management – The owner shall be responsible for continued adherence to the operations and management program established by the AOWE. This permit shall in no way be taken as a guarantee or implied warranty that the septic system will function satisfactorily for any given period of time.

Change in System Ownership – An authorized wastewater system shall be transferrable to a new owner with the consent of the AOWE. The new owner and the AOWE shall enter a contract for the wastewater system.

Revocation – The AOWE permit is subject to revocation if the site plan, plat, or the intended use changes. This permit is subject to compliance with the provisions of the laws and Rules for Wastewater Treatment and Dispersal Systems and to the conditions of this permit.

Repair of Malfunctioning Systems – The owner may apply for an Improvement Permit and a Construction Authorization from the LHD or obtain a NOI from an AOWE to repair a malfunctioning wastewater system.