Franklin County
NORTH CAROLINA

File # 468298 PIN# _____

Property Address: 105 Buckridge Rd. Lsbg

Applicant or Owner Name: Amanda Cruise

Environmental Health Septic/Well Permit Diagram

Building permits cannot be issued nor should construction begin without Construction Authorization issuance.

✓ Septic Improvement Permit ✓ Septic Construction Authorization (CA) CA Reissue** As Built
Well Construction Authorization Additional Diagram/Specifications Attached

Diagram Date:** 3-13-26 **EHS:** Lori Jones

****Any previously dated CA diagram is revoked and/or invalid. Confirm this is the valid diagram for the site before beginning any construction.**

Installation/grouting inspections may be scheduled the day before, or, the day of installation until 9am by contacting the Environmental Health office at 919 496 8100. A revisit fee may apply if installation is not ready for inspection at the time requested. ***Septic Operations Permits*** will be issued after installation is approved, all permits conditions are met, and any outstanding fees are paid. ***Well Certificate of Completion*** will be issued after well head approval, all permit conditions are met, and any outstanding fees are paid.

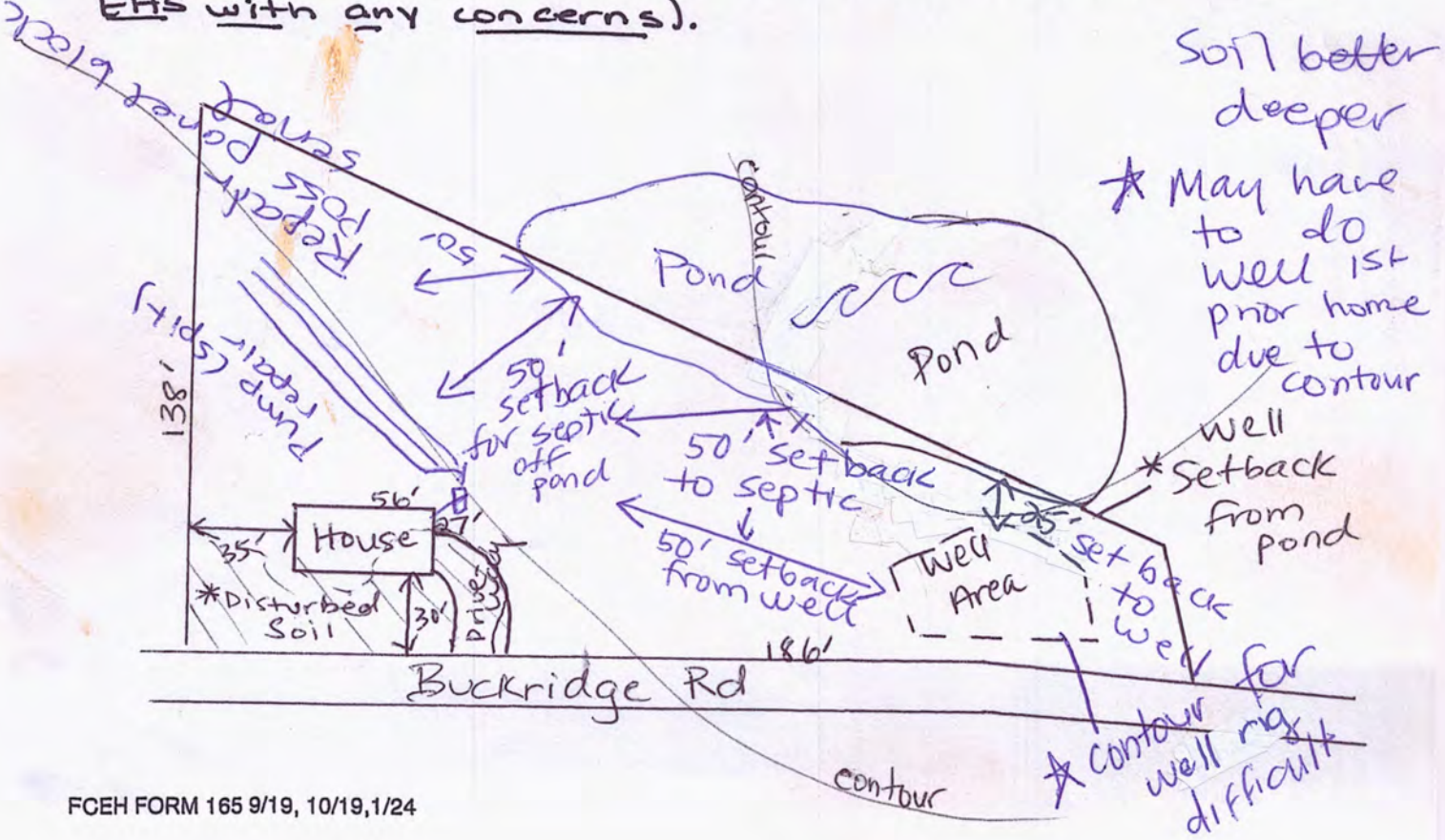
Septic Tank 1000 Pump Tank Maybe 1000 Drainfield 3'X300' Type System Accepted Max Trench Depth 30"

Septic Contractor _____ Septic/Pump tank dates _____ Pump Fee Paid _____

Well Contractor _____ Well Head Date: _____ Pump Final: _____ N/A (circle)

bedrooms: 3 parcel #: 032554 .91

* Drawing not to scale; contour should be determined with laser by septic installer (contact EHS with any concerns).



FCEH FORM 165 9/19, 10/19,1/24

Construction Authorization

Franklin County Health Department
107 Industrial Drive
Louisburg, NC 27549
Phone:

For Office Use Only

*CDP File Number: 468298 - 1
County ID Number: 1883-50-1683
Evaluated For: NEW

PERMIT VALID UNTIL: 03/10/2031

☐ Open Pump System Sheet

Applicant:	Amanda Cruise
Address:	224 E Holding Ave
City:	Wake Forest
State/Zip:	NC 27588
Phone #:	

Property Owner:	Amanda Cruise
Address:	224 E Holding Ave
City:	Wake Forest
State/Zip:	NC. 27588
Phone #:	

Property Location & Site Information

Address/Road #: 105 Buckridge Road Louisburg, NC 27549
Subdivision: Buckridge Phase: NEW Lot: 25

Structure: SINGLE FAMILY
# of Bedrooms: 3
# of People: 6
*Water Supply: NEW WELL

Directions:

105 Buckridge Road

System Specifications

Usuable Soil Depth: 42
Design Flow: 360
Soil Application Rate: 0.3000
*System Classification/Description: Type IIIg - Other Non-Conventional Systems
*Proposed System: 25% REDUCTION

Minimum Trench Depth: ____ Inches
Maximum Trench Depth: 30 Inches
Minimum Soil Cover: ____ Inches
Maximum Soil Cover: ____ Inches
*Distribution Type: GRAVITY - PARALLEL (eq. d-box)

Nitrification Field: ____ Sq. ft.
No. Drain Lines: 3
Total Trench Length: 300 ft.
Trench Spacing: 9 - ____
Trench Width: 3 - ____
Aggregate Depth: ____ inches

○ Inches O.C. ⊗ Feet O.C.
○ Inches ⊗ Feet

Septic Tank: 1,000 Gallons
Pump Required: ○ Yes ○ No ⊗ May Be Required
Pump Tank: ____ Gallons
Grease Trap: ____ Gallons

Septic Tank Installer Grade Level Required: ○ I ○ II ○ III ○ IV

The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements.

***Permit Conditions:**

This lot is occupied with steep contour from road and a pond which takes up much of lot with a 25 ft setback from well and 50 ft from septic. The well is on right side of property as the entire left will be both the initial and required repair area for septic; other than placement of house do not put any additional permanent structures on the left of property beyond the 50 ft setback from the pond. The repair will either have to be a split pump serial distribution system, or possibly a panel block depending on how the initial goes in. The house flags were not quite 30 ft from the front property line on the day of the soil evaluation. Much of the lot is also heavily wooded, so contour and exact space was difficult to measure.

Attempt gravity system with 3, 100 ft lines each to allow more space for repair.

Construction Authorization

Franklin County Health Department
107 Industrial Drive
Louisburg, NC 27549
Phone:

For Office Use Only

*CDP File Number: 468298 - 1
County ID Number: 1883-50-1683
Evaluated For: NEW

PERMIT VALID UNTIL: 03/10/2031

☐ Open Pump System Sheet

The Authorization for Wastewater System Construction shall be valid for a period equal to the period of validity of the Improvement Permit and may be issued at the same time the Improvement Permit issued (NCGS 130A-336(b)). If the installation has not been completed during the period of validity of the Construction Permit, the information submitted in the application for a permit or Construction Authorization shall become invalid , and may be suspended or revoked (.0204(k)(1)). The person owning or controlling the system shall be responsible for assuring compliance with the laws, rules, and permit conditions regaurding system location, installation, operation, maintenance, monitoring, reporting and repair (per rule .0301((a)).

Authorized State Agent: Jones, Lori

Date of Issue: 03/15/2026

☑ Hand Drawing ○ Import Drawing

****Site Plan/Drawing attached.****

Total Time : (HH:MM)

IMPROVEMENT PERMIT

Franklin County Health Department
107 Industrial Drive
Louisburg, NC 27549
Phone:

For Office Use Only	
*CDP File Number	468298 - 1
County ID Number:	1883-50-1683
Evaluated For:	NEW

PERMIT VALID UNTIL: 03/10/2031

***NOTE TO INSPECTIONS DIVISION:** Building Permits cannot be issued with this Improvement Permit.

Applicant:	Amanda Cruise
Address:	224 E Holding Ave
City:	Wake Forest
State/Zip:	NC 27588
Phone #:	

Property Owner:	Amanda Cruise
Address:	224 E Holding Ave
City:	Wake Forest
State/Zip:	NC. 27588
Phone #:	

Property Location & Site Information

Address: 105 Buckridge Road Louisburg, NC 27549 Subdivision: Buckridge Block/Phase: NEW Lot: 25

Road #:

Structure: SINGLE FAMILY

# of Bedrooms: 3

# of People: 6

*Water Supply: NEW WELL

Directions

105 Buckridge Road

System Specifications

Initial System

Usable Soil Depth: 42

Design Flow: 360

Soil Application Rate: 0.3000

*System Classification/Description:
Type IIIg - Other Non-Conventional Systems

*Proposed System:
25% REDUCTION

Minimum Trench Depth: ____ Inches

Maximum Trench Depth: 30 Inches

Septic Tank: 1000 Gallons

Pump Required: ◯ Yes ◯ No (X) May Be Required

Pump Tank: ____ Gallons

Repair System Required: (X) Yes ◯ No ◯ No, but has Available Space

Repair System

Usable Soil Depth: 42

Soil Application Rate: 0.300

*System Classification/Description:
Type IIIg - Other Non-Conventional Systems

*Proposed System: 50% REDUCTION

Minimum Trench Depth: ____ Inches

Maximum Trench: Depth: 30 Inches

Pump Required: ◯ Yes ◯ No (X) May Be Required

Pump Tank: ____ Gallons

No grading or construction activity is allowed in areas designated for system and repair without approval of Health Department.

***Site Modifications**

The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements.

***Permit Conditions**

This lot is occupied with steep contour from road and a pond which takes up much of lot with a 25 ft setback from well and 50 ft from septic. The well is on right side of property as the entire left will be both the initial and required repair area for septic; other than placement of house do not put any additional permanent structures on the left of property beyond the 50 ft setback from the pond. The repair will either have to be a split pump serial distribution system, or possibly a panel block depending on how the initial goes in. The house flags were not quite 30 ft from the front property line on the day of the soil evaluation. Much of the lot is also heavily wooded, so contour and exact space was difficult to measure.

CDP File Number: 468298

County ID Number: 1883-50-1683

The Department and Local Health Department may impose conditions on the issurance and may revoke the permits for failure of the system to satisfy the conditions, the rules, or this article. This permit is subject to revocation it the site plan, plat, or intended use changes (NCGS 130A-335(f)). The person owning or controlling the system location, installing, operation, maintenance, monitoring, reporting, and repair (per rule .0301((a).

Authorized State Agent: Jones, Lori

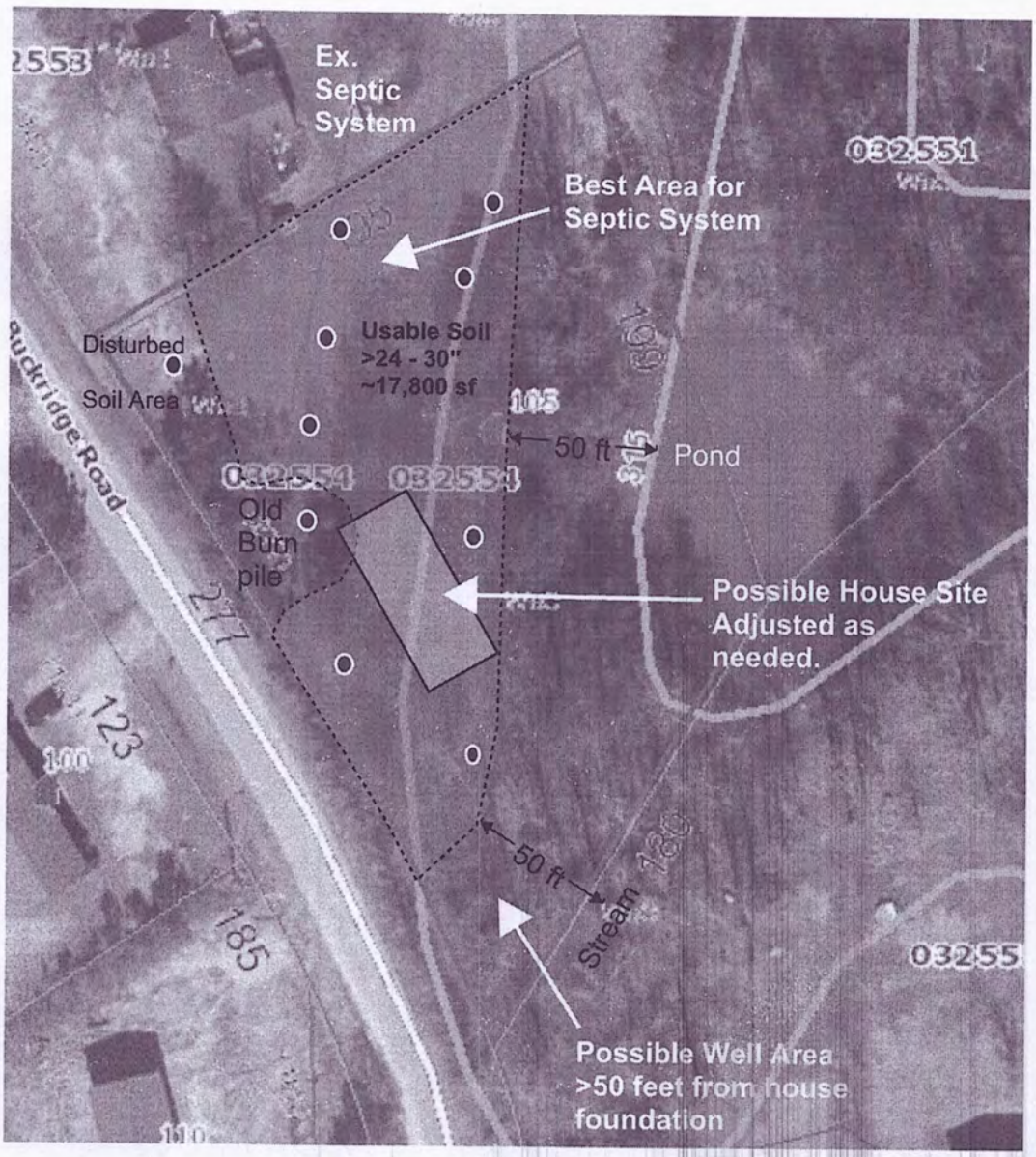
Date of Issue: 03/10/2026

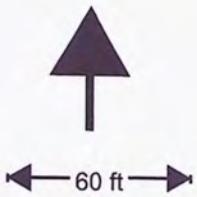
Total TIme: (HH:MM)

◯ Hand Drawing ◯ Import Drawing ****Site Plan/Drawing attached.****

____ : ____

Soil Study for Septic System Suitability
January, 2026
John R. Davis, Jr. LSS
105 Buckridge Road Parcel # 032554
Franklin County, NC





Pond setbacks make septic area ~~shrink~~. limited. Attempt 3 100' lines 50' off pond. Repair possible Pump split serial above + below init. or panel bak (serial)

The soil area shown in "Orange" is **Suitable** or Usable for shallow gravel or "Accepted" gravelless septic trenches. The soil is sandy loam topsoil over clay subsoil. A three bedroom house septic system generally requires about 8,000 square feet of usable soil for a complete septic system on this soil type and this property has about 17,800 square feet of usable soil. The best site for a septic system is on the north side of the property as shown on the map. Due to the location of the usable soil, a house site may compete with the usable soil area and may require some detailed house and septic layout work for permitting. It appears that you could have a septic system on the north side of a house located in the middle of the property. You may submit this soil map/report to the local county health department with your house site plan for permitting under the traditional permitting method.

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: _____
COUNTY: Franklin

SOIL/SITE EVALUATION *for* ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: Amanda Cruise DATE EVALUATED: 1/26
ADDRESS: 105 Buckridge Rd
PROPOSED FACILITY: Residence PROPOSED DESIGN FLOW (.0400): 360 PROPERTY SIZE: _____
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Public ☐ Single Family Well ☐ Shared Well ☐ Spring ☐ Other _____ WATER SUPPLY SETBACK: _____
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut TYPE OF WASTEWATER: ☑ Domestic ☐ High Strength ☐ IPWW

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0502(c SLOP CORR CTIO
1										
2										
3										
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)		
System Type(s)		
Site LTAR		
Maximum Trench Depth		

SITE CLASSIFICATION (.0509): S
EVALUATED BY: Lou Jones
OTHER(S) PRESENT: _____

Comments: _____

Well Construction Permit

Franklin County Health Department
107 Industrial Drive
Louisburg NC, 27549
Phone:

For Office Use Only

*CDP File Number 468298
PIN Number: 1883-50-1683
Tax Lot #: 25 Tax Block #: 032554
Evaluated For: SINGLE FAMILY \ WELL
PERMIT VALID UNTIL: 03/13/2031

Property Owner:	Amanda Cruise
Address:	224 E Holding Ave
City:	Wake Forest
State/Zip:	NC / 27588
Phone #:	

Applicant:	Amanda Cruise
Address:	224 E Holding Ave
City:	Wake Forest
State/Zip:	NC / 27588
Phone #:	

Property Location & Site Information

Address/Road #: 105 Buckridge Road
Louisburg NC, 27549

Subdivision: Buckridge Phase: Lot: 25

*Proposed use of Well: SINGLE FAMILY
If Other:
Applicant Email:
Owner Email:

Directions: 105 Buckridge Road

Well Contractor Information

Drilling Contractor:

Driller Registration:

Permit Conditions

*Permit Conditions

This lot is occupied with steep contour from road and a pond which takes up much of lot with a 25 ft setback from well and 50 ft from septic. The well is on right side of property as the entire left will be septic. It is advised that the well be put in first prior to home once the lot is cleared in order to get a well rig in on the challenging contour. Additional area may need to be cleared for the rig to have a path to the well location.

Well location, construction and protection must meet all state and local regulations and must be inspected and approved by an authorized representative of the Local Health Department. The permit may be revoked at any time for failure to comply with existing regulations. The siting of approved well construction area(s) by the Health Department is to provide protection from the known possible sources of contamination. The approved well area(s) may not be changed without permission from an authorized representative of the Local Health Department. Issuance of this well permit does not guarantee water quality or adequate water production from the well once it is installed or repaired.

*Issued By: Jones, Lori

*Date of Issue: 03/13/2026

(✓) Hand Drawing ( ) Import Drawing

Site Plan/Drawing attached.

Authorized State Agent:

Owner/Applicant:

Well Construction Permit

Franklin County Health Department
107 Industrial Drive
Louisburg NC, 27549
Phone:

For Office Use Only

*CDP File Number 468298

PIN Number: 1883-50-1683

Tax Lot #: 25 Tax Block #: 032554

Evaluated For: SINGLE FAMILY \ WELL

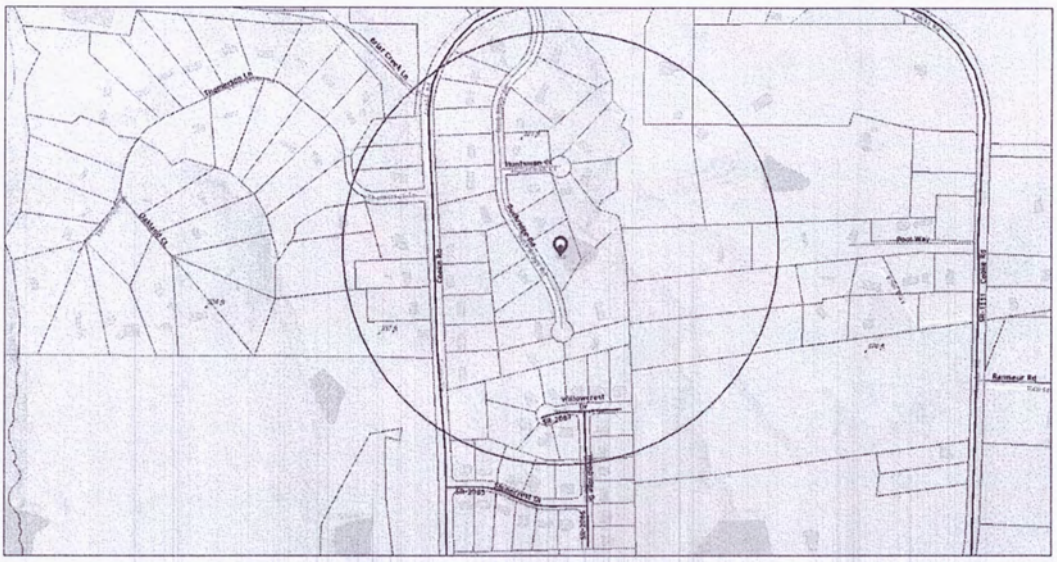
PERMIT VALID UNTIL: 03/13/2031

WPDT Screening Report

Area of Interest (AOI) Information

Area : 3,134,508.63 ft²

Mar 9 2026 9:38:03 Eastern Daylight Time



North Carolina Parcels (Polygons) - Parcels
County Boundary
Non-System Roads
Non-System
Secondary Route

1:4,514

0 0.04 0.09 0.18 mi
0 0.06 0.1 0.2 km

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No contaminants know as of 3/9/2026.

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