

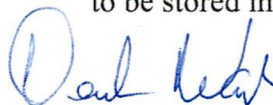
**Fire Marshal Division**

P.O. Box 370
Lillington, NC 27546
910-893-7580

**Application for Blasting/Explosives Permit**Application # _____ Date of Application: 04 / 04 / 25Applicant: Carolina Drilling, IncBilling Address: 326 Railroad StCity Mocksville State NC Zip 27028Contact Derek Wark Contact Phone # 336-399-3004Applicant Email: derekwark67@gmail.comLocation of Blast/Storage Site PIN - 0652-65-9522.000, PID: 080652 0026 04City Lillington State NC Zip 27546Start Date 04 / 08 / 2025 Completion Date 07 / 08 / 2025

This application must be completed and returned to Central Permitting prior to the issuance of the permit. Please allow (7-10) working days for processing. Two types of permit may be issued: 72 hour permit for (\$100.00) and a 90 day permit for (\$250.00) Fees must be paid prior to issuance of any permits. The following items are required to be submitted with this application:

- 1 Certificate of Insurance or have a current certificate on file in our office.
- 2 List of materials to be used on site. If storage of materials is proposed on site, provide a site plan indicating the location of storage magazines and distances to inhabited buildings, public roadways and separation of multiple magazines
- 3 Provide information on magazine types to include amount and type of explosives to be stored in each.



Applicant Signature

04 / 04 / 25
Date

Carolina Drilling, Inc.
326 Railroad St.
Mocksville, NC 27028

April 4, 2025

Customer: Baxter Johnson

Project: Providence Creek

Description: Drilling and Blasting of mass rock

Safety Procedures for Blasts

All operations involving the transportation, handling, and loading of explosives will adhere to applicable industry standards and regulations as defined by relevant city, county, state, or federal agencies. Blasting will be conducted in compliance with all safety protocols, including, but not limited to: clearing the blast zone, securing the blast area, and controlling vehicular and pedestrian traffic. No explosives will be stored on site.

Test Blasts

Initial blasts will be considered test blasts. The effects of these blasts will be monitored and analyzed to determine if adjustments to the blast design are needed. Ongoing evaluation of monitoring data will guide any necessary revisions to the blast design throughout the blasting phase.

Blast Site Dimensions

Each blast will involve approximately 20-300 holes. The depth of the rock ranges from 5-20 feet. Approximately 20,000 cubic yards of material is expected to be blasted for this project.

Drill Pattern

The proposed drill pattern involves 3.5 inch diameter boreholes with a 6x6 to 8x8 foot pattern.

Blasts Required

The project will require several blasts over a period of a few months.

Explosives Loading & Initiation

Explosives used will include Riohit 250MS 2.5" x 7 or 3" x 11, Dyno Unimax 2 x 16, and ANFO for the main charges in each borehole, initiated with a suitable detonating booster charge which is typically Trojan Cast Boosters or Unimax 1 inch dynamite. Main charges will weigh

approximately 2.5 to 3.5 pounds per foot, with the total charge per hole determined by proximity to nearest dwellings, site-specific conditions, and borehole depth. Booster charges may include cast boosters or other cap-sensitive charges, as chosen by the blaster in charge. The delay system will be Zipdet DD 25/500 with a 25 ms sequence, and the maximum amount of explosives per delay period will be 50 lbs.

The project is expected to use 35,000 lbs. of explosives, with each delay utilizing between 10 and 50 lbs of explosives, depending on proximity to dwellings and hole depths. Sufficient inert stemming material will be loaded at the top of each borehole, starting below the depth of competent rock. Stemming height will be determined by the blaster's judgment and site-specific conditions.

Ground Control

All blasts shall have sufficient cover of natural soil materials to prevent excessive movement of material from the blast zone or project site. Sufficient cover will be determined by the experience and judgment of the blaster in charge. The overburden on this project is 0-10 feet. The blaster will include in their consideration such factors as rock type, geologic conditions, borehole depth, charge weight, and any other relevant, site-specific conditions for each shot. If the blaster in charge determines there is not sufficient natural cover, additional soil should be placed atop the blast zone according to the blaster's instructions. In certain circumstances, artificial matting could be required, also according to the blaster's determination.

Monitoring Blast Effects

Seismic monitoring will be conducted by an independent third party, S&ME.

Blast Warning Signals

- Three long horn blasts, five minutes prior to the blast.
- Two short horn blasts, one minute before the blast.
- One long horn blast, for all clear after the blast.

Blast Records

Records of each blast will include the date, time, location, total amount of explosives, maximum explosive charge weight per delay, and seismograph records (where applicable), identified by instrument number and location. These records will be maintained at Carolina Drilling, Inc., 326 Railroad St., Mocksville, NC 27028.

U.S. Department of Justice
Bureau of Alcohol, Tobacco, Firearms and Explosives

Federal Explosives License/Permit
(18 U.S.C. Chapter 40)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555), you may engage in the activity specified in this license or permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. **THIS LICENSE IS NOT TRANSFERABLE UNDER 27 CFR 555.53.** See "WARNINGS" and "NOTICES" on reverse.

Direct ATF ATF - Chief, FELC
Correspondence To 244 Needy Road
 Martinsburg, WV 25405-9431

License/Permit
Number

1-NC-059-33-7D-00404

Chief, Federal Explosives Licensing Center (FELC)

Expiration
Date

April 1, 2027

Name

CAROLINA DRILLING INC

Premises Address (Changes? Notify the FELC at least 10 days before the move.)

**326 RAILROAD ST
MOCKSVILLE, NC 27028-**

Type of License or Permit

33-USER OF EXPLOSIVES

Purchasing Certification Statement

The licensee or permittee named above shall use a copy of this license or permit to assist a transferor of explosives to verify the identity and the licensed status of the licensee or permittee as provided by 27 CFR Part 555. The signature on each copy must be an original signature. A faxed, scanned or e-mailed copy of the license or permit with a signature intended to be an original signature is acceptable. The signature must be that of the Federal Explosives Licensee (FEL) or a responsible person of the FEL. I certify that this is a true copy of a license or permit issued to the licensee or permittee named above to engage in the business or operations specified above under "Type of License or Permit."

Mailing Address (Changes? Notify the FELC of any changes.)

CAROLINA DRILLING, INC
326 RAILROAD ST
MOCKSVILLE, NC 27028-

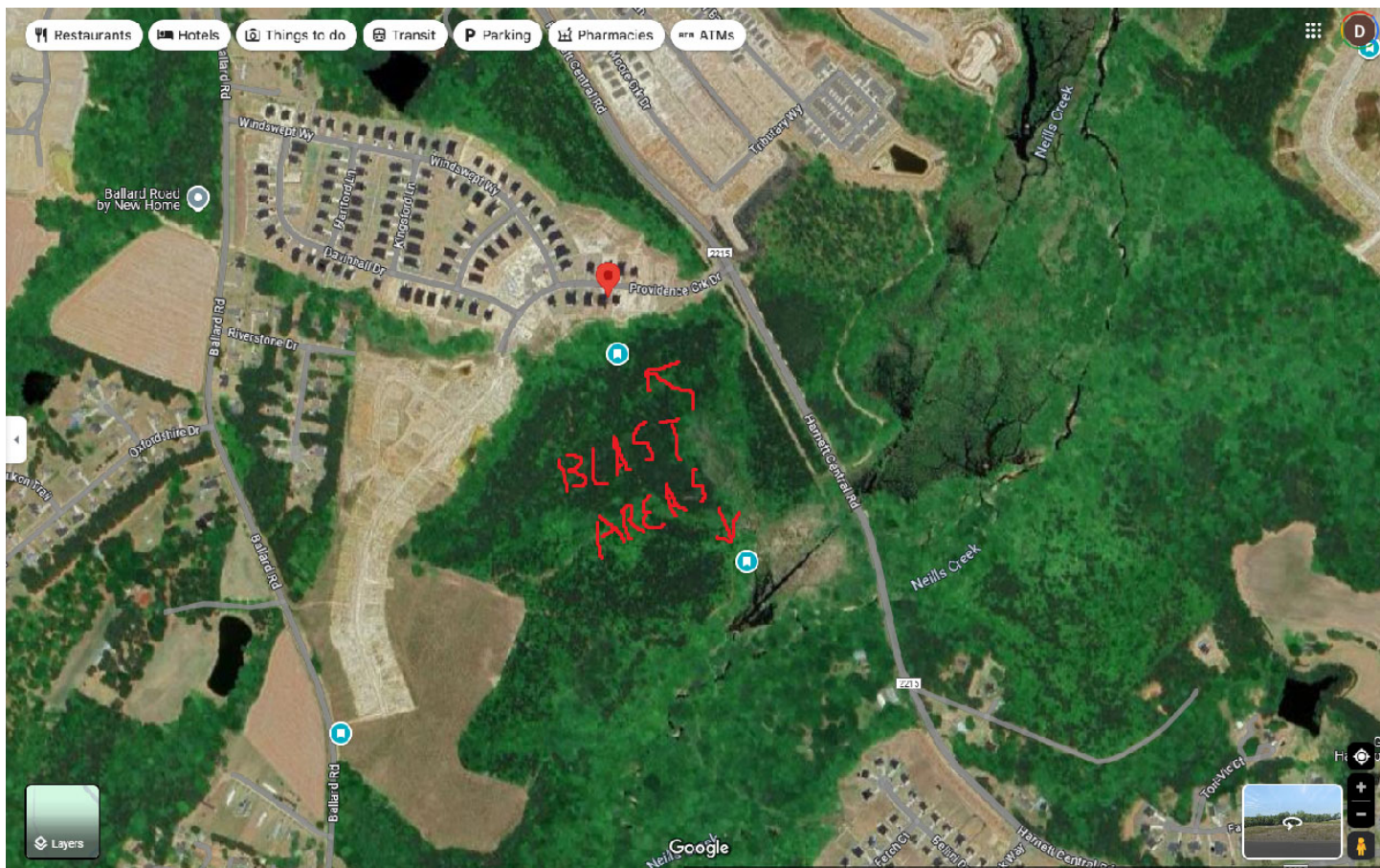
Licensee/Permittee Responsible Person Signature

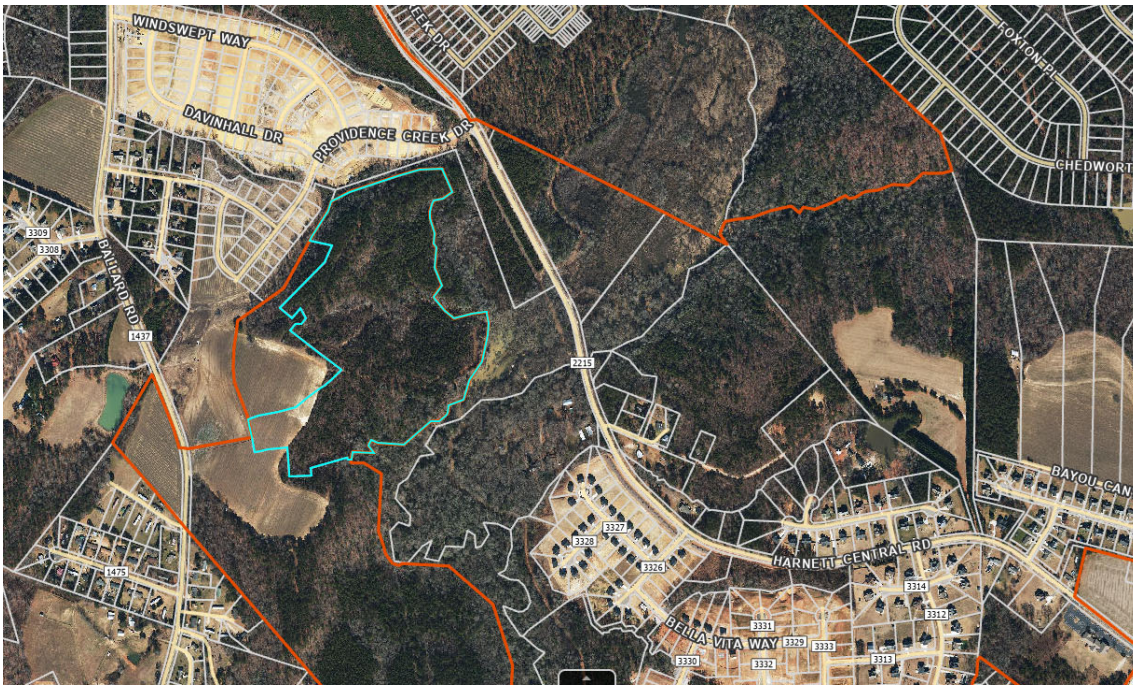
Isaiah E. Tuttle

President

Position/Title

3126124





[CLICK for Parcel Report <](#)

Property

PIN - 065265-9522-000
PID - 080652 0026 04

TAX BILL SEARCH
(please confirm parcel information)
PROPERTY CARD

Account Number - 1500067403
LINK TO ALL TAXPAYERS *

Owner - PROVIDENCE CREEK DEVELOPERS LLC
Mailing Address - 1611 JONES FRANKLIN RD STE 101
RALEIGH, NC 27606-0001

Physical Address - HARNETT CENTRAL RD
FUQUAY-VARINA, NC 27526

Description - TR#5 HARNETT CENTRAL HOLDINGS
LLC MAP#2023-148

Surveyed or Deeded Acreage - 43.45
Calculated Acreage - 42.33

Deed Date - 11/19/2024 12:00 AM
Deed Book and Page - 4261 : 1729
Deed Instrument Number - 2024020615
LINK TO DEED *
LINK TO DEED / INSTRUMENT NUMBER *
LINK TO DEED HISTORY *

Plat Book and Page - 2023 : 148
Plat Instrument Number - 2023005955
LINK TO SURVEY *
LINK TO SURVEY / INSTRUMENT NUMBER *

(Older Plat Cabinets must be independently searched
via ROD by typing **pc#ABCDEF** : **ROD search**)

(*Deed and Survey are subject to availability)

ACORDTM**CERTIFICATE OF LIABILITY INSURANCE**

DATE (MM/DD/YYYY)

5/29/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER USI Insurance Services, LLC 8540 Colonnade Center Dr. Suite 111 Raleigh, NC 27615	CONTACT NAME: Daniel Giddes PHONE (A/C, No, Ext): 984-255-1116 E-MAIL ADDRESS: daniel.giddes@usi.com		FAX (A/C, No):
	INSURER(S) AFFORDING COVERAGE		NAIC #
INSURED Carolina Drilling, Inc. 326 Railroad Street, #2232 Mocksville, NC 27028	INSURER A : United States Fire Insurance Company		21113
	INSURER B : North River Insurance Company		21105
	INSURER C : Hanover Insurance Company		22292
	INSURER D :		
	INSURER E :		
INSURER F :			

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			5069095857	06/01/2024	06/01/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 15,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY			5069095857	06/01/2024	06/01/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB DED RETENTION \$			5821234623	06/01/2024	06/01/2025	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y / N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N / A				PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
C	Leased/Rented Equipment			IH6J01537002	06/01/2024	06/01/2025	\$600,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER**CANCELLATION**

Harnett County
Fire Marshal Division PO BOX 370
Lillington, NC 27546

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Paula B Bulman

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