

Initial Application Date: 3.16.18

Application # 43658

DRB \_\_\_\_\_ CU \_\_\_\_\_

**COMMERCIAL**

**COUNTY OF HARNETT LAND USE APPLICATION**

Central Permitting 108 E. Front Street, Lillington, NC 27546 Phone: (910) 893-7525 Fax: (910) 893-2793 www.harnett.org/permits

LANDOWNER: RP One, LLC Mailing Address: PO Box 1169 Bonnie Currin

City: Fuquay Varina State: NC Zip: 27526 Home #: 919 552 6609 Contact #: 919 524 7312

APPLICANT: (ALAN ROEBUCK) CONCRETE SUPPLY CO. Mailing Address: 3823 RALEIGH ST.

City: CHARLOTTE State: NC Zip: 28206 Office #: 704 353 2003 Contact #: 704 309 4347

\*Please fill out applicant information if different than landowner

CONTACT NAME APPLYING IN OFFICE: \_\_\_\_\_ Phone #: \_\_\_\_\_

PROPERTY LOCATION: Subdivision: DUNCAN INDUSTRIAL PARK Lot #: 10 Lot Size: 6.497

State Road #: 243 State Road Name: Progress Dr. Map Book & Page: 2007, 273

Parcel: 05-0035-0153-10 PIN: 06-36-90-4937 06-5011-7193 06-36-91-5236

Zoning: Industrial Flood Zone: X Watershed: NA Deed Book & Page: 1492, 205 Power Company: Duke Energy

\*New structures with Progress Energy as service provider need to supply premise number \_\_\_\_\_ from Progress Energy.

SPECIFIC DIRECTIONS TO THE PROPERTY FROM LILLINGTON: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**PROPOSED USE:**

- Multi-Family Dwelling No. Units \_\_\_\_\_ No. Bedrooms/Unit \_\_\_\_\_
- Business Sq. Ft. Retail Space \_\_\_\_\_ Type \_\_\_\_\_ # Employees: \_\_\_\_\_ Hours of Operation: \_\_\_\_\_
- Daycare # Preschoolers \_\_\_\_\_ # Afterschoolers \_\_\_\_\_ # Employees \_\_\_\_\_ Hours of Operation \_\_\_\_\_
- Industry Sq. Ft. 1600 Type concrete Batch Plant # Employees: 12 Hours of Operation: 10 hrs / 6 days
- Church Seating Capacity \_\_\_\_\_ # Bathrooms \_\_\_\_\_ Kitchen \_\_\_\_\_
- Accessory/Addition/Other (Size \_\_\_\_\_ x \_\_\_\_\_) Use \_\_\_\_\_

Water Supply: () County () Well (No. dwellings \_\_\_\_\_) **MUST** have operable water before final  
Sewage Supply: () New Septic Tank (Complete Checklist) () Existing Septic Tank (Complete Checklist) () County Sewer

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If permits are granted I agree to conform to all ordinances and laws of the State of North Carolina regulating such work and the specifications of plans submitted. I hereby state that foregoing statements are accurate and correct to the best of my knowledge. Permit subject to revocation if false information is provided.

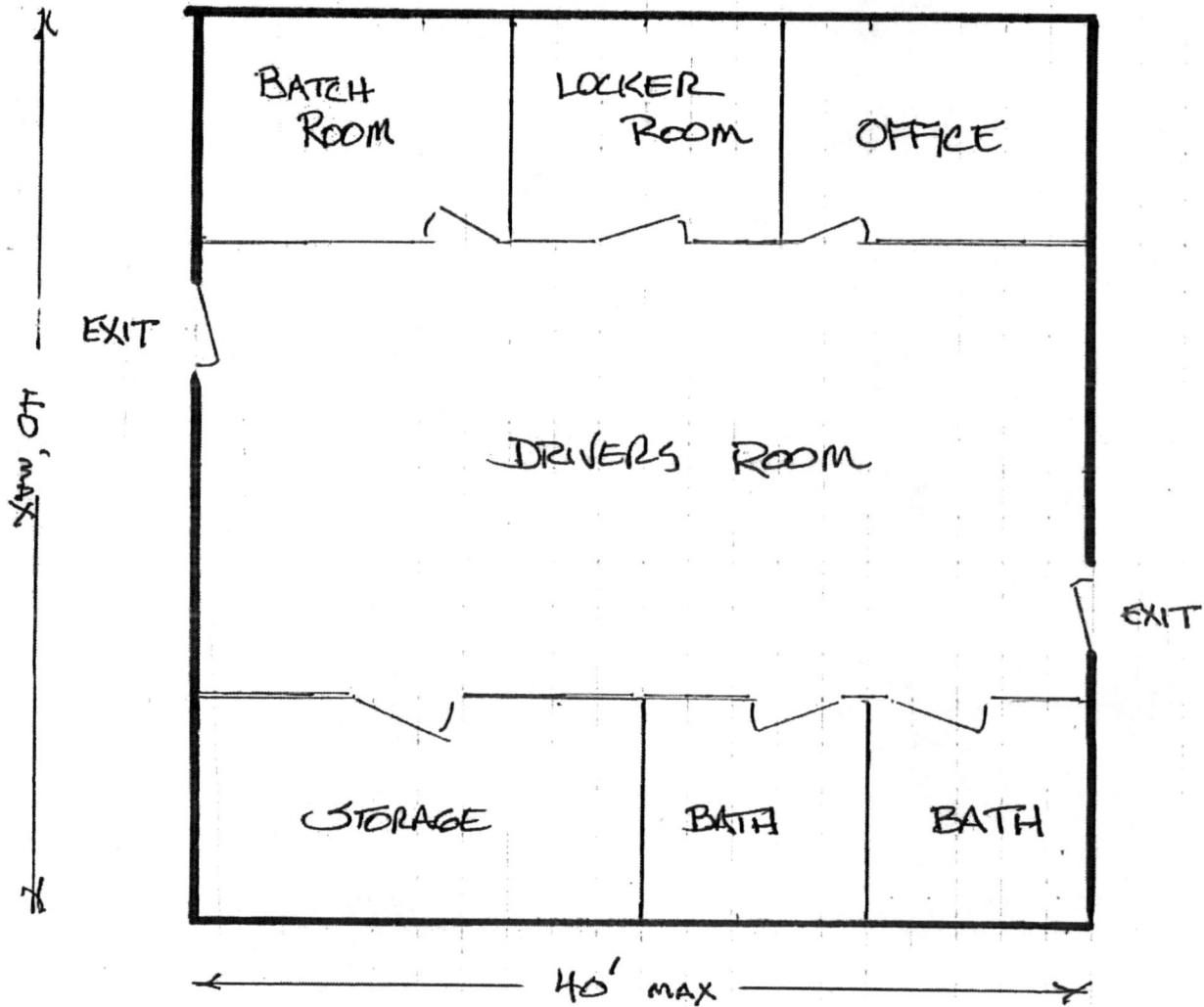
[Signature]  
Signature of Owner or Owner's Agent

3/14/18  
Date

**\*\*This application expires 6 months from the initial date if no permits have been issued\*\***

**A RECORDED SURVEY MAP, RECORDED DEED (OR OFFER TO PURCHASE) AND PLAT ARE REQUIRED WHEN APPLYING FOR LAND USE APPLICATION**

Please use Blue or Black Ink ONLY



CONCRETE SUPPLY CO.

BATCH/OFFICE BLDG  
FLOOR PLAN



# HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

P.O. Box 400, Lillington NC 27546-0400

Phone (910) 893-8743 / Fax (910) 893-3594

www.halowensoil.com

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3 May 2017

Mr. Ronnie Currin  
James Bobby Currin & Sons Inc.  
PO Box 1166  
Fuquay-Varina, NC 27526

Reference: Soil Investigation and Septic System Design  
Duncan Industrial Park Lots 13-15

Dear Mr. Currin,

A site investigation was conducted on 6 April 2017 for the above referenced property, which is located on the eastern side of Progress Drive in Harnett County, North Carolina. The purpose of the investigation was to determine the ability of Lot 13 and Lot 14/15 (combined) to each support a subsurface sewage waste disposal system and 100% repair area for a business with a design flow of up to 200 gallons per day or eight employees if no other water uses are involved. All ratings and determinations were made in accordance with "Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A .1900". This report represents my professional opinion but does not guarantee or represent permit approval for any lot by the local Health Department. The permit you receive from the Health Department may contain some modifications or amendments to our submitted design. Please carefully review your permit and adhere to all prescribed requirements. Public water supplies will be utilized at this site.

## LOT 13

The soils were evaluated under moist soil conditions through the advancing of auger borings. A portion of Lot 13 was observed to be underlain by soils rated as suitable for subsurface sewage waste disposal (Figure 1). These suitable soils were observed to be friable loamy sands and sandy loams to greater than 36 inches and will support long term acceptance rates of 0.6 to 0.8 gal/day/sqft.

An initial septic system and repair area have been designed for a design flow of 200 gallons per day utilizing a long term application rate of 0.6 gal/day/sqft. The initial septic system is proposed a pump to one 112 ft conventional drainline. The repair system is designed as a pump to two 56 ft conventional drainlines. The drainlines should be installed on contour with trench bottom depths at 18 to 24 inches below surface.

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LOT 14/15

The soils were evaluated under moist soil conditions through the advancing of auger borings. A portion of Lot 14/15 (combined) was observed to be underlain by soils rated as provisionally suitable for subsurface sewage waste disposal (Figure 2). These provisionally suitable soils were observed to be friable sandy clay loams to greater than 34 inches and will support long term acceptance rates of 0.5 gal/day/sqft.

An initial septic system and repair area have been designed for a design flow of 200 gallons per day utilizing a long term application rate of 0.5 gal/day/sqft. The initial septic system is proposed as a pump to three 50 ft long conventional drainlines (LTAR of 0.44 gal/day/sqft used for design purposes). The repair system is proposed as a pump to three 45 ft long conventional drainlines. The drainlines should be installed on contour with trench bottom depths at 18-24 inches below surface.

Potential septic system drainlines have been demonstrated with various colored pin flags that are located on the lots. It is important that you do not disturb the septic system area. It is recommended that a staked line or protective fence be placed around the system prior to construction to eliminate any potential damage to the soil or the layout of the system.

I appreciate the opportunity to provide this service and hope to be allowed to assist you again in the future. If you have any questions or need additional information, please contact me at your convenience.



Sincerely,

*Krissina B. Newcomb*

Krissina B. Newcomb

*Hal Owen*

Hal Owen  
Licensed Soil Scientist

HAL OWEN & ASSOCIATES, INC.

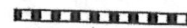
Soil Investigation and Septic System Design  
Duncan Industrial Park Lots 13-15  
2 May 2017



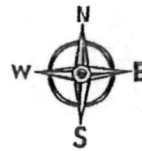
Figure 1. Lot 13 Soil Map and Septic System Layout

| Line # | Color | Drainline Length(ft) | Measured Field Line Length (ft) | Relative Elevation (ft) |
|--------|-------|----------------------|---------------------------------|-------------------------|
| 1      | B     | 112                  | 140                             | 99.52                   |
| 2      | R     | 56                   | 100                             | 98.59                   |
| 3      | W     | 56                   | 100                             | 97.61                   |
| Total: |       | 224                  | 340                             | B.M.E=100               |

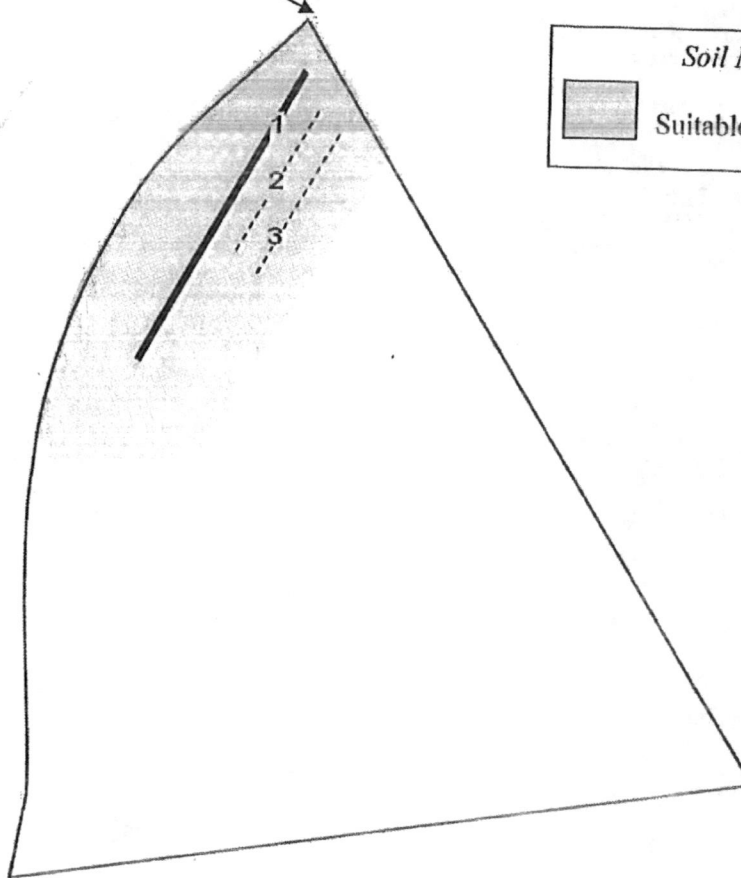
Scale 1 in = 60 ft



Distances are paced  
and approximate



B.M.E. @ EIP



Soil Map Legend



Suitable Soils

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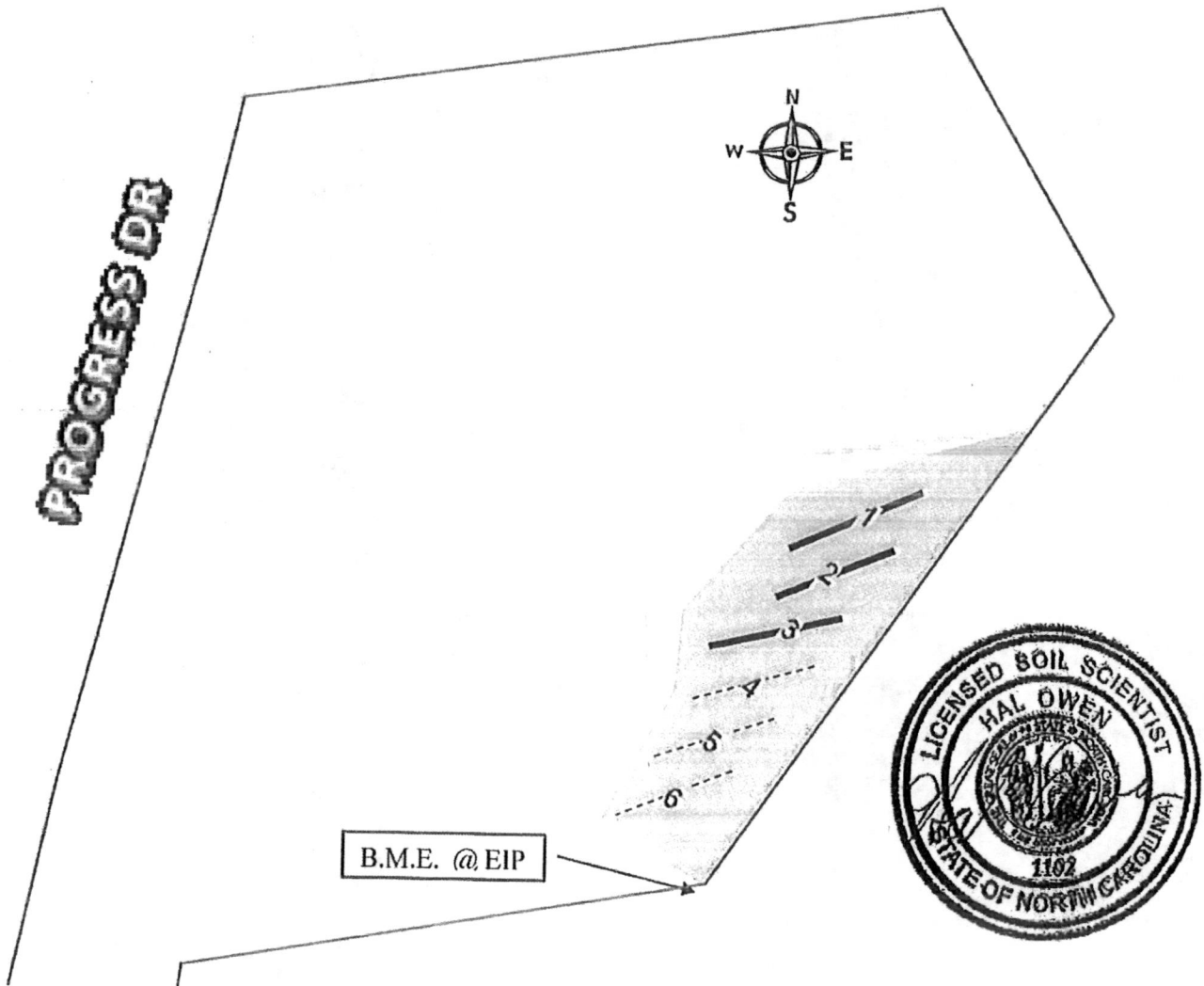
Soil Investigation and Septic System Design  
 Duncan Industrial Park Lots 13-15  
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Scale 1 in = 60 ft




Distances are paced  
 and approximate

Figure 1. Lot 14/15 (combined) Soil Map and Septic System Layout



*Soil Map Legend*

 Provisionally Suitable Soils

| Line # | Color | Drainline Length(ft) | Measured Field Line Length (ft) | Relative Elevation (ft) |
|--------|-------|----------------------|---------------------------------|-------------------------|
| 1      | W     | 50                   | 75                              | 98.09                   |
| 2      | Y     | 50                   | 86                              | 98.14                   |
| 3      | R     | 50                   | 63                              | 98.56                   |
| 4      | B     | 45                   | 64                              | 98.78                   |
| 5      | W     | 45                   | 45                              | 99.03                   |
| 6      | Y     | 45                   | 46                              | 99.19                   |
| Total: |       | 285                  | 379                             | B.M.E=100               |