

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: HH Hunt Homes DATE EVALUATED: 9-15-25

ADDRESS: 259 White Magnolia Ln

PROPOSED FACILITY: SED 30.5' x 50.1' PROPOSED DESIGN FLOW (.0400): 460 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

| P<br>R<br>O<br>F<br>I<br>L<br>E<br><br># | .0502<br>LANDSCAPE<br>POSITION/<br>SLOPE % | HORIZON<br>DEPTH<br>(IN.) | SOIL MORPHOLOGY                |                                     | OTHER PROFILE FACTORS              |                        |                         |                         | .0509<br>PROFILE<br>CLASS<br>& LTAR* | .0503<br>SLOPE<br>CORRE<br>CTION |
|------------------------------------------|--------------------------------------------|---------------------------|--------------------------------|-------------------------------------|------------------------------------|------------------------|-------------------------|-------------------------|--------------------------------------|----------------------------------|
|                                          |                                            |                           | .0503<br>STRUCTURE/<br>TEXTURE | .0503<br>CONSISTENCE/<br>MINERALOGY | .0504<br>SOIL<br>WETNESS/<br>COLOR | .0505<br>SOIL<br>DEPTH | .0506<br>SAPRO<br>CLASS | .0507<br>RESTR<br>HORIZ |                                      |                                  |
| 1<br>2,4,<br>5                           | 4-5%<br>LS                                 | 0-11                      | SL, 19'                        |                                     | N/A                                | 48"                    |                         |                         | .3                                   |                                  |
|                                          |                                            | 11-48                     | CLAY, SBK                      | FI, SS, SE                          |                                    |                        |                         |                         |                                      |                                  |
|                                          |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
|                                          |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
|                                          |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
| 3<br>4                                   | 4%<br>LS                                   | 0-9                       | SL, 19'                        |                                     | N/A                                | 46'                    |                         |                         | .3                                   |                                  |
|                                          |                                            | 9-48                      | CLAY, SBK                      | FI, SS, SE                          |                                    |                        |                         |                         |                                      |                                  |
|                                          |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
|                                          |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
|                                          |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
| 3                                        |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
|                                          |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
|                                          |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
|                                          |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
|                                          |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
| 4                                        |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
|                                          |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
|                                          |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
|                                          |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
|                                          |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |

| DESCRIPTION             | INITIAL SYSTEM | REPAIR SYSTEM | SITE CLASSIFICATION (.0509): S<br>EVALUATED BY: AL<br>OTHER(S) PRESENT: |
|-------------------------|----------------|---------------|-------------------------------------------------------------------------|
| Available Space (.0508) | ✓              | ✓             |                                                                         |
| System Type(s)          | 25% R/L        | 50% R/L       |                                                                         |
| Site LTAR               | .3             | .3            |                                                                         |
| Maximum Trench Depth    | 18-28"         | 18-28"        |                                                                         |

Comments:

LEGEND

| LANDSCAPE POSITION | SOIL GROUP       | SOIL TEXTURE           | CONVENTIONAL LTAR (gpd/ft²) | SAPROLITE LTAR (gpd/ft²) | LPP LTAR (gpd/ft²) | MINERALOGY/ CONSISTENCE |                       | STRUCTURE               |
|--------------------|------------------|------------------------|-----------------------------|--------------------------|--------------------|-------------------------|-----------------------|-------------------------|
| CC (Concave slope) | I                | S (Sand)               | 0.8 - 1.2                   | 0.6 - 0.8                | 0.4 -0.6           | MOIST                   | WET                   | SG (Single grain)       |
| CV (Convex Slope)  |                  | LS (Loamy sand)        |                             | 0.5 -0.7                 |                    | Lo (Loose)              | NS (Non-sticky)       | M (Massive)             |
| D (Drainage way)   | II               | SL (Sandy loam)        | 0.6 - 0.8                   | 0.4 -0.6                 | 0.3 - 0.4          | VFR (Very friable)      | SS (Slightly sticky)  | GR (Granular)           |
| FP (Flood plain)   |                  | L (Loam)               |                             | 0.2 - 0.4                |                    | FR (Friable)            | S (Sticky)            | SBK (Subangular blocky) |
| FS (Foot slope)    | III              | SiL (Silt loam)        | 0.3 - 0.6                   | 0.1 - 0.3                | 0.15 - 0.3         | FI (Firm)               | VS (Very sticky)      | ABK (Angular blocky)    |
| H (Head slope)     |                  | SCL (Sandy clay loam)  |                             | 0.05 - 0.15**            |                    | VFI (Very firm)         | NP (Non-plastic)      | PR (Prismatic)          |
| L (Linear Slope)   |                  | CL (Clay loam)         |                             | None                     |                    | EFI (Extremely firm)    | SP (Slightly plastic) | PL (Platy)              |
| N (Nose slope)     |                  | SiCL (Silty clay loam) |                             |                          |                    |                         | P (Plastic)           |                         |
| R (Ridge/summit)   |                  | Si (Silt)              |                             |                          |                    |                         | VP (Very plastic)     |                         |
| S (Shoulder slope) |                  | IV                     |                             |                          |                    |                         | SC (Sandy clay)       | 0.1 - 0.4               |
| T (Terrace)        | SiC (Silty clay) |                        | EXP (Expansive)             |                          |                    |                         |                       |                         |
| TS (Toe Slope)     | C (Clay)         |                        |                             |                          |                    |                         |                       |                         |
|                    |                  | O (Organic)            | None                        |                          |                    |                         |                       |                         |

\* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

\*\*Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

HORIZON DEPTH

DEPTH OF FILL

RESTRICTIVE HORIZON

SAPROLITE

SOIL WETNESS

CLASSIFICATION

In inches below natural soil surface

In inches from land surface

Thickness and depth from land surface

S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.

Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation

S (Suitable) or U (Unsuitable)

Show profile locations and other site features (dimensions, reference or benchmark, and North).

# Harnett County Environmental Health

## SITE SKETCH

PIN 0633-03-9414.000

Permit Number SFD2508-0091

HHHUNT HOMES RALEIGH-DURHAM LLC

MAGNOLIA ACRES Lot 32

Applicant's Name

Ren Levocz

Subdivision/Section/Lot Number

10/27/2025

Authorized State Agent

Date

System components represent approximate contours only. The contractor must flag the system prior to beginning the installation to ensure that the proper grade is maintained.

Scale = NTS

*Soil Notes*

