

PROPERTY ID #: \_\_\_\_\_  
COUNTY: \_\_\_\_\_

**SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM**  
(Complete all fields in full)

OWNER: \_\_\_\_\_ DATE EVALUATED: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
PROPOSED FACILITY: \_\_\_\_\_ PROPOSED DESIGN FLOW (.0400): \_\_\_\_\_ 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># | .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                                    | LSS<br>8%                                  | 0-17                      | M, M, SBK/C                    | VF, VS, VP, EXP                     |                                    | 48"                    |                         |                         | S<br>0.6                             | 3"                               |
|                                      |                                            | 17-48                     | WFG/SL                         | Fi, SS, SP, Sexp                    |                                    |                        |                         |                         |                                      |                                  |
|                                      |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
|                                      |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
| 2                                    | R<br>8%                                    | 0-28                      | WFG/LS                         | VF, VS, NP, Sexp                    |                                    | 48"                    |                         |                         | S<br>0.8                             | 3"                               |
|                                      |                                            | 28-48                     | WLG/LS                         | VF, VS, NP, Sexp                    |                                    |                        |                         |                         |                                      |                                  |
|                                      |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
|                                      |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
| 3                                    | LSS<br>8%                                  | 0-15                      | W, M, Gt/SL                    | VF, VS, NP, Sexp                    |                                    | 48"                    |                         |                         | S<br>0.6                             | 3"                               |
|                                      |                                            | 15-34                     | W, M, SBK/SL                   | Fi, SS, SP, Sexp                    |                                    |                        |                         |                         |                                      |                                  |
|                                      |                                            | 34-48                     | W, L, Gt/LS                    | VF, VS, NP, Sexp                    |                                    |                        |                         |                         |                                      |                                  |
|                                      |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
| 4                                    |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
|                                      |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
|                                      |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
|                                      |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |

| DESCRIPTION             | INITIAL SYSTEM | REPAIR SYSTEM |
|-------------------------|----------------|---------------|
| Available Space (.0508) | ✓              | ✓             |
| System Type(s)          | ✓              | ✓             |
| Site LTAR               | 0.6            | 0.6           |
| Maximum Trench Depth    | 26"            | 26"           |

SITE CLASSIFICATION (.0509): Swifly  
EVALUATED BY: Mark Osborne REHS/AT  
OTHER(S) PRESENT: \_\_\_\_\_

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

# Harnett County Environmental Health

## SITE SKETCH

PIN 9596-56-0591

Permit Number SFD2503 - 0130

Dream Finder Homes, LLC

Magnolia Ridge / Lot 42

Applicant's Name  
Mark Osborne REHS

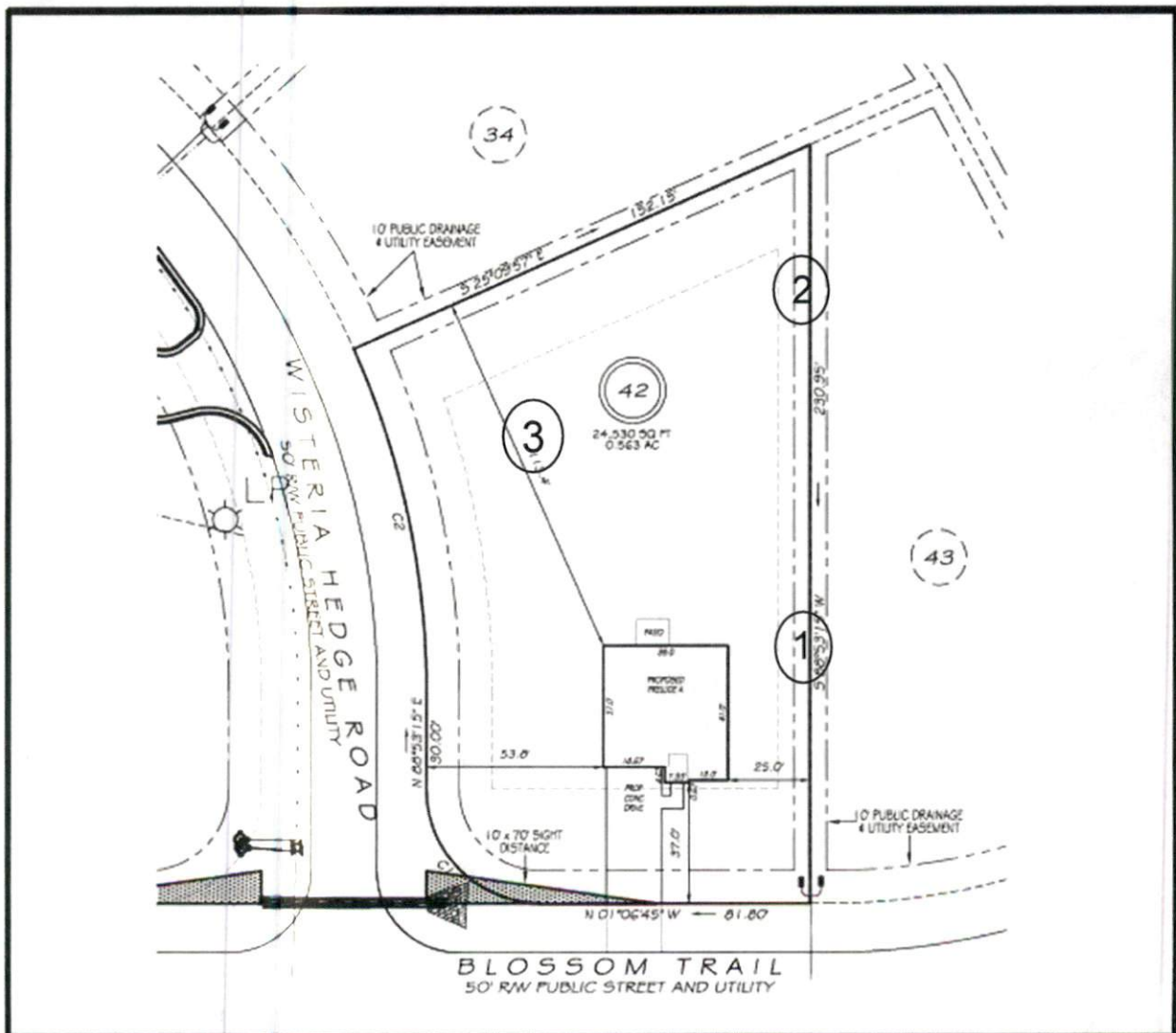
Subdivision/Section/Lot Number  
4/21/25

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



Layout can be done After burn pile is cleared  
From septic Area. At that time C.A. will be  
Issued

## LEGEND

| LANDSCAPE POSITION | SOIL GROUP       | SOIL TEXTURE           | CONVENTIONAL LTAR (gpd/ft <sup>2</sup> ) | SAPROLITE LTAR (gpd/ft <sup>2</sup> ) | LPP LTAR (gpd/ft <sup>2</sup> ) | 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             | 0.05 - 0.2              |
| 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**

In inches below natural soil surface

**DEPTH OF FILL**

In inches from land surface

**RESTRICTIVE HORIZON**

Thickness and depth from land surface

**SAPROLITE**

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

**SOIL WETNESS**

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

**CLASSIFICATION**

S (Suitable) or U (Unsuitable)

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

A large grid area for drawing profile locations and site features. The grid is approximately 20 units wide by 20 units high, with a dashed line indicating a profile location.