

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

OWNER: Dream Finders Homes DATE EVALUATED: \_\_\_\_\_  
 ADDRESS: 165 Rodeo Horse Lane  
 PROPOSED FACILITY: SFD PROPOSED DESIGN FLOW (.0400): \_\_\_\_\_ PROPERTY SIZE: \_\_\_\_\_  
 LOCATION OF SITE: Same 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                                    | L<br>2-5%                                  | 0-24                      | LS                             | Fr/usp/NXP                          | >48"                               | >48"                   | -                       | -                       | S<br>.6                              |                                  |
|                                      |                                            | 24-48                     | SL                             | Fr/ssp/ssp                          |                                    |                        |                         |                         |                                      |                                  |
|                                      |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
| 2                                    | L<br>2-5%                                  | 0-24                      | LS                             | Fr/usp/NXP                          | >48"                               | >48"                   | -                       | -                       | S<br>.6                              |                                  |
|                                      |                                            | 24-48                     | SL                             | Fr/ssp/ssp                          |                                    |                        |                         |                         |                                      |                                  |
|                                      |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
| 3                                    | L<br>2-5%                                  | 0-28                      | LS                             | Fr/usp/NXP                          | >48"                               | >48"                   | -                       | -                       | S<br>.6                              |                                  |
|                                      |                                            | 28-48                     | SL                             | Fr/ssp/ssp                          |                                    |                        |                         |                         |                                      |                                  |
|                                      |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
| 4                                    |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
|                                      |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |
|                                      |                                            |                           |                                |                                     |                                    |                        |                         |                         |                                      |                                  |

| DESCRIPTION             | INITIAL SYSTEM | REPAIR SYSTEM |
|-------------------------|----------------|---------------|
| Available Space (.0508) | ✓              | ✓             |
| System Type(s)          | ✓              | ✓             |
| Site LTAR               | .6             | .6            |
| Maximum Trench Depth    | 30"            | 30"           |

SITE CLASSIFICATION (.0509): S  
 EVALUATED BY: M. DeHS  
 OTHER(S) PRESENT: \_\_\_\_\_

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

# 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                 |            |
|--------------------|------------|------------------------|------------------------------------------|---------------------------------------|---------------------------------|-------------------------|-------------------------|---------------------------|------------|
|                    |            |                        |                                          |                                       |                                 | MOIST                   | WET                     |                           |            |
| CC (Concave slope) | I          | S (Sand)               | 0.8 - 1.2                                | 0.6 - 0.8                             | 0.4 - 0.6                       | Lo (Loose)              | NS (Non-sticky)         | SG (Single grain)         |            |
| CV (Convex Slope)  |            | LS (Loamy sand)        |                                          | 0.5 - 0.7                             |                                 | 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                             |                                 | 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                                  |                                 | 0.15 - 0.3              | 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              | SEXP (Slightly expansive) |            |
| 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.

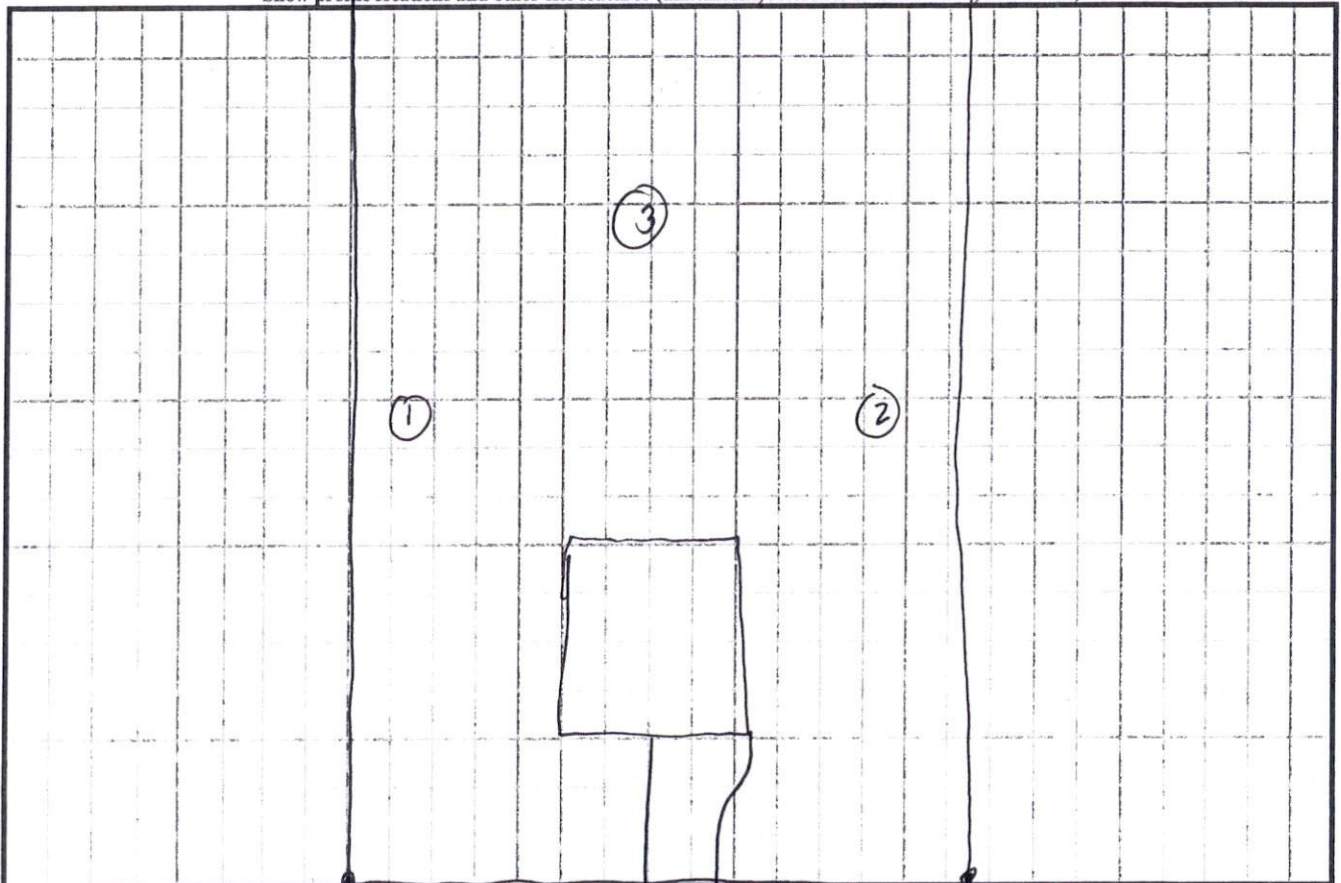
**SOIL WETNESS**

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).



Rocking Horse Ln