Department of Environment, Health and Natur a sources Division of Environmental Health On-Site Wastewater Section Sheet: Property ID Lot #: File #:

Code:

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

| Owner: | Applicant: | | | | | |
|--------------------|-----------------|--------------------------|--------|----------------|-------|--|
| Address: | | Date Evaluated: | - 1 | | | |
| Proposed Facility: | MSC84: | Design Flow (.1949): 478 | 0001 | Property Size: | | |
| Location of Site: | | Property Recorded: | 3, | | | |
| Water Supply: | Pub | olic Individual W | /ell | ☐ Spring | Other | |
| Evaluation Metho | d: Auger Boring | g 🔲 Pit | ☐ Cut | | | |
| Type of Wastewat | | wage Industrial Pr | rocess | ☐ Mixed | | |
| | | | | | | |
| P | | | | | | |
| R | | | | | | |
| 0 | | | | | | |

| P R O F I .1940 L Landscape | | ndscape Horizon sition/ Depth ope % (In.) | SOIL MORPHOLOGY .1941 orizon | | OTHER PROFILE FACTORS .1942 | | | | |
|-----------------------------|--------------------------------|---|------------------------------------|---------------------------|------------------------------|-------------------------|-------------------------|----------------------------|------|
| # Position/ Slope % | .1941 Structure/ Texture | | .1941 Consistence Mineralogy | Soil Wetness/ Color | .1943 Soil Depth (IN.) | .1956 Sapro Class | .1944 Restr Horiz | Profile Class & LTAR | |
|) | 15 | 0-46 | 6 LS | VEN 115/17P | | | | | 5,56 |
| | | | | | | | | | |
| 2 | | 0-4 | G 65 | VEN 15/14P | | | | | 5,4 |
| | | - 1 × | 6 18 | VEN USINO | | | | | 5,8 |
| 3 | | 0-018 | 6 23 | WILL WITT | | | _ | | , , |
| | | | | | | | | | |
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| Description | Initial | Repair System | Other Factors (.1946): |
|-------------------------|---------|---------------|--------------------------------|
| | System | | Site Classification (.1948): 5 |
| Available Space (.1945) | V | 1 | Evaluated By: 0\(|
| System Type(s) | 25% | des . | Others Present: |
| Site LTAR | 18 | 8. | |

COMMENTS: ____

| LANDSCAPE POSITIONS | <u>GROUP</u> | TEXTURES | . <u>1955 LTAR</u> | CONSISTENCE MOIST | WET |
|--|--------------|---|--------------------|--|--|
| R-RIDGE S-SHOULDER SLOPE L-LINEAR SLOPE | I | S-SAND LS-LOAMY SAND | 1.2 - 0.8 | VFR-VERY FRIABLE FR-FRIABLE | NS-NON-STICKY SS-SLIGHTY STICKY |
| FS-FOOT SLOPE N-NOSE SLOPE H-HEAD SLOPE | II | SL-SANDY LOAM L-LOAM | 0.8 - 0.6 | FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM | S-STICKY VS-VERY STICKY NP-NON-PLASTIC |
| CC-CONCLAVE SLOPE CV-CONVEX SLOPE T-TERRACE FP-FLOOD PLAN | III | SI-SILT SIL-SILT LOAM CL-CLAY LOAM SCL-SANDY CLAY LOAM | 0.6 - 0.3 | | SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC |

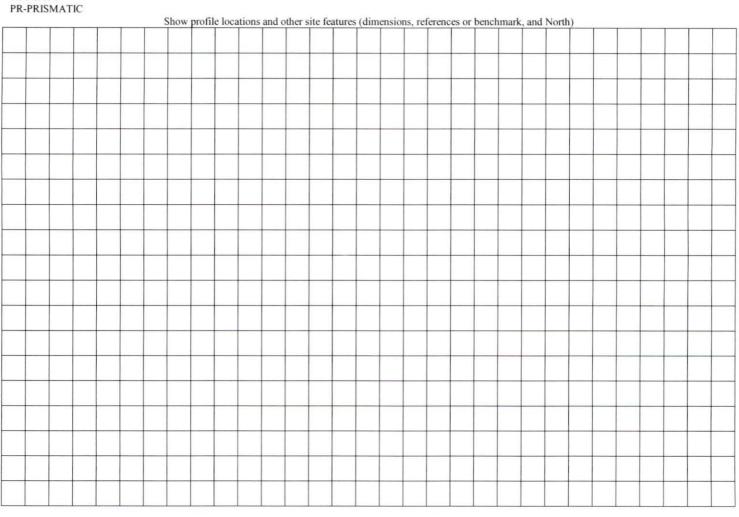
IV SIC-SILTY CLAY 0.4 - 0.1 C-CLAY SC-SANDY CLAY

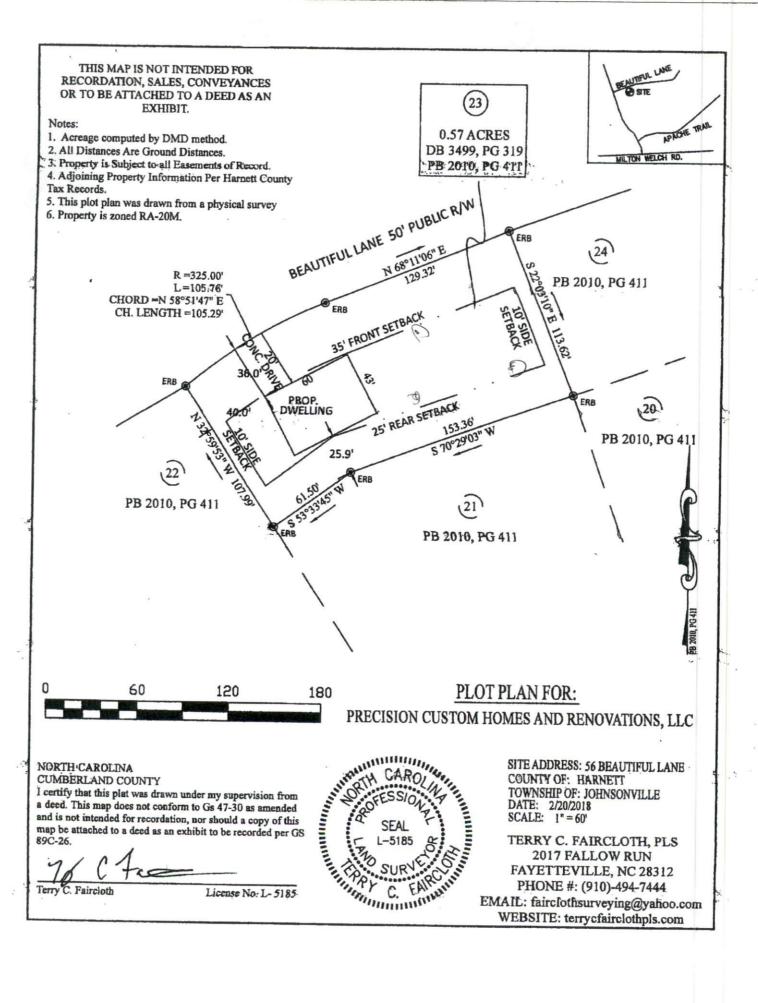
MINERALOGY

SLIGHTLY EXPANSIVE

STRUCTURE SG-SINGLE GRAIN M- MASSIVE CR-CRUMB GR-GRANULAR SBK-SUBANGULAR BLOCKY ABK-ANGULAR BLOCKY PL-PLATY

EXPANSIVE





| | PROPOSED SUBSURFACE WASTE DISPOSAL SY | STEM DETAIL SHEET | | | | |
|----|---|---|--|--|--|--|
| | SUBDIVISION: Summerlin Gravity INITIAL SYSTEM: APPROVED 25% RECUCTION | REPAIR Approved 25% Reduction DISTRIBUTION Serial | | | | |
| | DISTRIBUTION: Serial | | | | | |
| | BENCHMARK: 100.0 | LOCATION BC Lot 24/20 | | | | |
| | NO. BEDROOMS: 4 | LTAR 0,8 690/Fr | | | | |
| | LINE FLAG COLOR | ELEVATION LENGTH | | | | |
| ,5 | 1 0 | 101.67 40 | | | | |
| 4 | 2 W | 100,92 75 | | | | |
| L | 3a 0 | 100.34 (00 | | | | |
| | | 175 | | | | |
| | | | | | | |
| / | | | | | | |
| 5 | 3b 0 | 100.34 40 | | | | |
| 4 | 4 W | 99,92 90 | | | | |
| | 5 0 | 99.25 90 | | | | |
| | | 220 AVAIL | | | | |
| | | | | | | |
| | | 24 | | | | |
| | | | | | | |
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| | · | | | | | |
| | BY B. C. Raynor | DATE 05/02/2017 | | | | |
| | TYPICAL PROFILE | THERE SHALL BE NO GRADING, | | | | |
| | 0-40 LS fri gran | CUTTING, LOGGING OR OTHER SOIL | | | | |
| | 0-40 LS fri gran | DISTURBANCE IN SEPTIC AREA | | | | |
| | | NAME OF TAXABLE DAY | | | | |
| | | ANY DISTURBANCEMAY CAUSE A SITE | | | | |
| | • | TO BECOME UNSUITABLE | | | | |

SOUTHEASTERN SOIL & ENVIRONMENTAL ASSOC., INC.

