

**SOIL/SITE EVALUATION  
 for ON-SITE WASTEWATER SYSTEM**

Owner:                      Applicant:

Address:

Proposed Facility: 3800m

Location of Site:

Water Supply:

Evaluation Method:  Auger Boring

Type of Wastewater:

Date Evaluated:

Design Flow (.1949): 260 gpd

Property Recorded:

Public  Individual  Well

Pit  Cut

Industrial Process

Property Size:

Spring  Other

Mixed

| P<br>R<br>O<br>F<br>I<br>L<br>E<br># | .1940<br>Landscape<br>Position/<br>Slope % | Horizon<br>Depth<br>(In.) | SOIL MORPHOLOGY<br>.1941       |                                    | OTHER<br>PROFILE FACTORS           |                              |                         |                         | Profile<br>Class<br>& LTAR |
|--------------------------------------|--|---------------------------|--------------------------------|------------------------------------|------------------------------------|------------------------------|-------------------------|-------------------------|----------------------------|
|                                      |  |                           | .1941<br>Structure/<br>Texture | .1941<br>Consistence<br>Mineralogy | .1942<br>Soil<br>Wetness/<br>Color | .1943<br>Soil<br>Depth (IN.) | .1956<br>Sapro<br>Class | .1944<br>Restr<br>Horiz |                            |
| 1                                    | LS<br>5-7                                  | 0-22                      | G LS                           | VFA W/M/P                          |                                    |                              |                         |                         |                            |
|                                      |  | 27-48                     | SBK SQ                         | F2 SS/S                            |                                    |                              |                         |                         | PS<br>.35                  |
| 2                                    |  | 0-23                      | G LS                           | VFA W/S/M/P                        |                                    |                              |                         |                         |                            |
|                                      |  | 23-35                     | SBK SQ                         | F2 SS/S                            |                                    |                              |                         |                         |                            |
|                                      |  | 35" <sup>110</sup>        | Pm                             |                                    |                                    |                              |                         |                         | PS<br>.35                  |

|                         |                |               |   |
|-------------------------|----------------|---------------|---|
| Description             | Initial System | Repair System | Other Factors (.1946):<br>Site Classification (.1948): PS<br>Evaluated By: [Signature]<br>Others Present: [Signature] |
| Available Space (.1945) |                |               |   |
| System Type(s)          | OVMP           | 25' p         |   |
| Site LTAR               | 35             | .35           |   |

COMMENTS: \_\_\_\_\_

| <u>LANDSCAPE POSITIONS</u> | <u>GROUP</u> | <u>TEXTURES</u>     | <u>.1955 LTAR</u> | <u>CONSISTENCE MOIST</u>   | <u>WET</u>  |
|----------------------------|--------------|---------------------|-------------------|--|---|
| R-RIDGE                    | I            | S-SAND              | 1.2 - 0.8         | VFR-VERY FRIABLE<br>FR-FRIABLE<br>FI-FIRM<br>VFI-VERY FIRM<br>EFI-EXTREMELY FIRM | NS-NON-STICKY<br>SS-SLIGHTLY STICKY<br>S-STICKY<br>VS-VERY STICKY<br>NP-NON-PLASTIC<br>SP-SLIGHTLY STICKY<br>P-PLASTIC<br>VP-VERY PLASTIC |
| S-SHOULDER SLOPE           |              | LS-LOAMY SAND       |                   |  |   |
| L-LINEAR SLOPE             | II           | SL-SANDY LOAM       | 0.8 - 0.6         |  |   |
| FS-FOOT SLOPE              |              | L-LOAM              |                   |  |   |
| N-NOSE SLOPE               | III          | SI-SILT             | 0.6 - 0.3         |  |   |
| H-HEAD SLOPE               |              | SIL-SILT LOAM       |                   |  |   |
| CC-CONCLAVE SLOPE          |              | CL-CLAY LOAM        |                   |  |   |
| CV-CONVEX SLOPE            |              | SCL-SANDY CLAY LOAM |                   |  |   |
| T-TERRACE                  | IV           | SIC-SILTY CLAY      | 0.4 - 0.1         |  |   |
| FP-FLOOD PLAN              |              | C-CLAY              |                   |  |   |
|                            |              | SC-SANDY CLAY       |                   |  |   |

STRUCTURE

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

MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

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

A large grid for site profile and feature recording, consisting of approximately 20 columns and 25 rows of squares. The grid is intended for drawing and recording site features, dimensions, and profile locations.





SOUTHEASTERN SOIL & ENVIRONMENTAL ASSOC., INC.

PROPOSED SUBSURFACE WASTE DISPOSAL SYSTEM DETAIL SHEET

SUBDIVISION: TIMBER PT  
pump to  
 INITIAL SYSTEM: APPROVED 25% REDUCTION

LOT 174  
pump to  
 REPAIR APPROVED 25% REDUCTION

DISTRIBUTION: SEPIAL

DISTRIBUTION SEPIAL

BENCHMARK: 100.0

LOCATION FC 177/174

NO. BEDROOMS: 3

LTAR 0.35 GPD/FT<sup>2</sup>

| <u>LINE</u> | <u>FLAG COLOR</u> | <u>ELEVATION</u> | <u>LENGTH</u> |
|-------------|-------------------|------------------|---------------|
| 1           | Y                 | 102.25           | 40'           |
| 2           | P                 | 101.58           | 50'           |
| 3           | Y                 | 101.34           | 90'           |
| 4           | P                 | 100.42           | 90'           |
| 5A          | Y                 | 99.67            | 15'           |
|             |                   |                  | <u>265'</u>   |
| 5B          | Y                 | 99.67            | 75'           |
| 6           | P                 | 99.34            | 90'           |
| 7           | Y                 | 98.84            | 65'           |
| 8           | P                 | 98.08            | 35'           |
| 9           | Y                 | 97.25            | 25'           |
|             |                   |                  | <u>290'</u>   |

Initial system

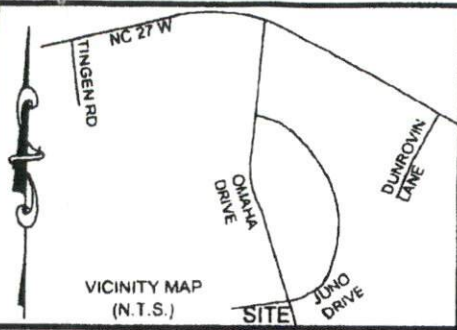
BY M FAVER

DATE 04/2016

TYPICAL PROFILE

0-10 LS (Vf, wgs)  
10-43 SCC-AM (F, silt)  
Cr 2 > 43"  
 INSTALLED AT 13-24"

THERE SHALL BE NO GRADING,  
 CUTTING, LOGGING OR OTHER SOIL  
 DISTURBANCE IN SEPTIC AREA



- Notes:
- This plat is for location purposes only. Builder should verify foundation information with plans before construction begins.
  - There is no USCE or NCGS monument within 2000' of this site.
  - The subject property is not within a special flood hazard area as determined by the Department of Housing and Urban Development.
  - The easement information shown hereon was obtained from the recorded plat. No updated title search was performed by the surveyor.
  - All distances are measured in feet.

LEGEND

- EXISTING IRON PIPE
- CURVE PT / PC
- SURVEYED LINE
- LINE NOT SURVEYED
- ADJOINER



"PRELIMINARY PLAT - NOT FOR CONVEYANCES OR SALES"

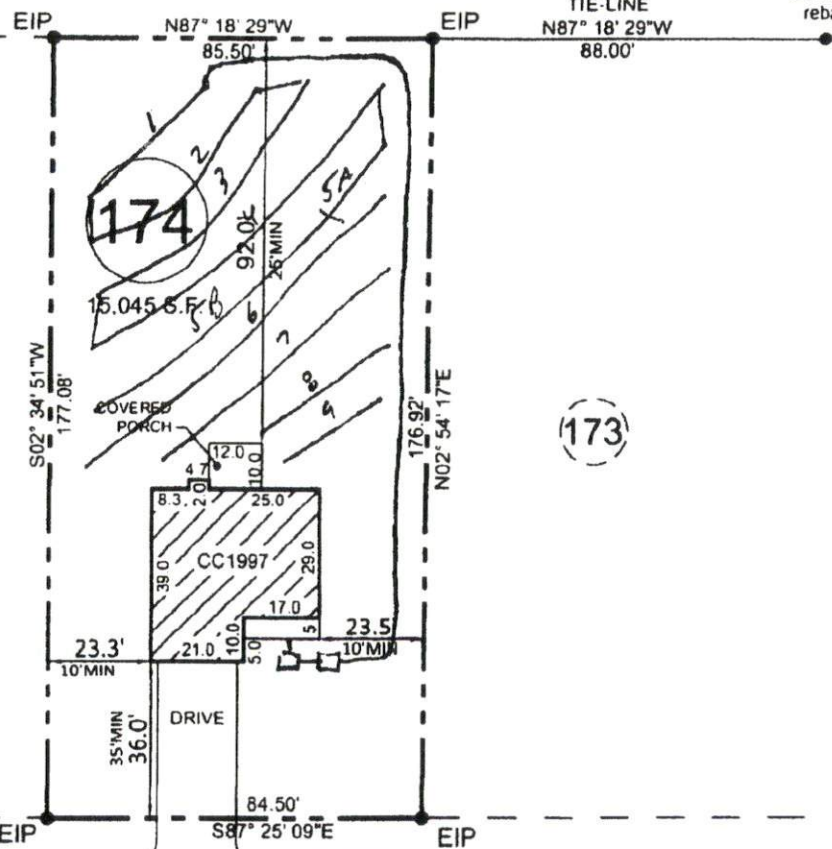
MOORE, MELVIN RAY  
DB. 1076, PG. 827  
TAX PIN# 9597-32-7416

1/2 inch diameter rebar



(175)

(173)



JUNO DRIVE  
(50' PUBLIC R/W)

- PLOT PLAN FOR -  
**CATES BUILDING, INC**  
- SUBDIVISION -  
**TINGEN POINTE SUBDIVISION, PHASE 6**

BARBECUE TWP.  
HARNETT COUNTY  
NORTH CAROLINA

APRIL 14, 2016  
SCALE 1" = 40'  
FIELD BOOK

REFERENCE  
PLAT BOOK 2014, PAGE 179  
HARNETT COUNTY NORTH CAROLINA REGISTRY

ENGINEERS  
PLANNERS  
C. AND V. INC.  
**M&R**  
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