

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

Owner:                      Applicant:  
 Address:                      Date Evaluated: 1/14/14  
 Proposed Facility: 4 bedrooms      Design Flow (.1949): 480 gpd  
 Location of Site:                      Property Recorded:                      Property Size:  
 Water Supply:                       Public                       Individual                       Well                       Spring                       Other  
 Evaluation Method:                       Auger Boring                       Pit                       Cut  
 Type of Wastewater:                       Sewage                       Industrial Process                       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>10-15                                | 0-15                      | G S                            | VFA NS/NK                          |                                    |                              |                         |                         |                            |
|                                      |  | 15-41"                    | SBR SCL                        | FR SS/SR                           |                                    |                              |                         |                         | PS .5                      |
| 2                                    |  | 0-19                      | G S                            | VFA NS/NK                          |                                    |                              |                         |                         |                            |
|                                      |  | 19-33"                    | SBR SCL<br>w/ ROCK             | FR SS/SR                           |                                    |                              |                         |                         | PS .5                      |

|                         |                |               |   |
|-------------------------|----------------|---------------|---|
| Description             | Initial System | Repair System | Other Factors (.1946):<br>Site Classification (.1948): PS<br>Evaluated By: [Signature]<br>Others Present: [Signature] |
| Available Space (.1943) | ✓              | ✓             |   |
| System Type(s)          | 25%            | 25%           |   |
| Site LTAR               | .5             | .5            |   |

5x50 @ 24"

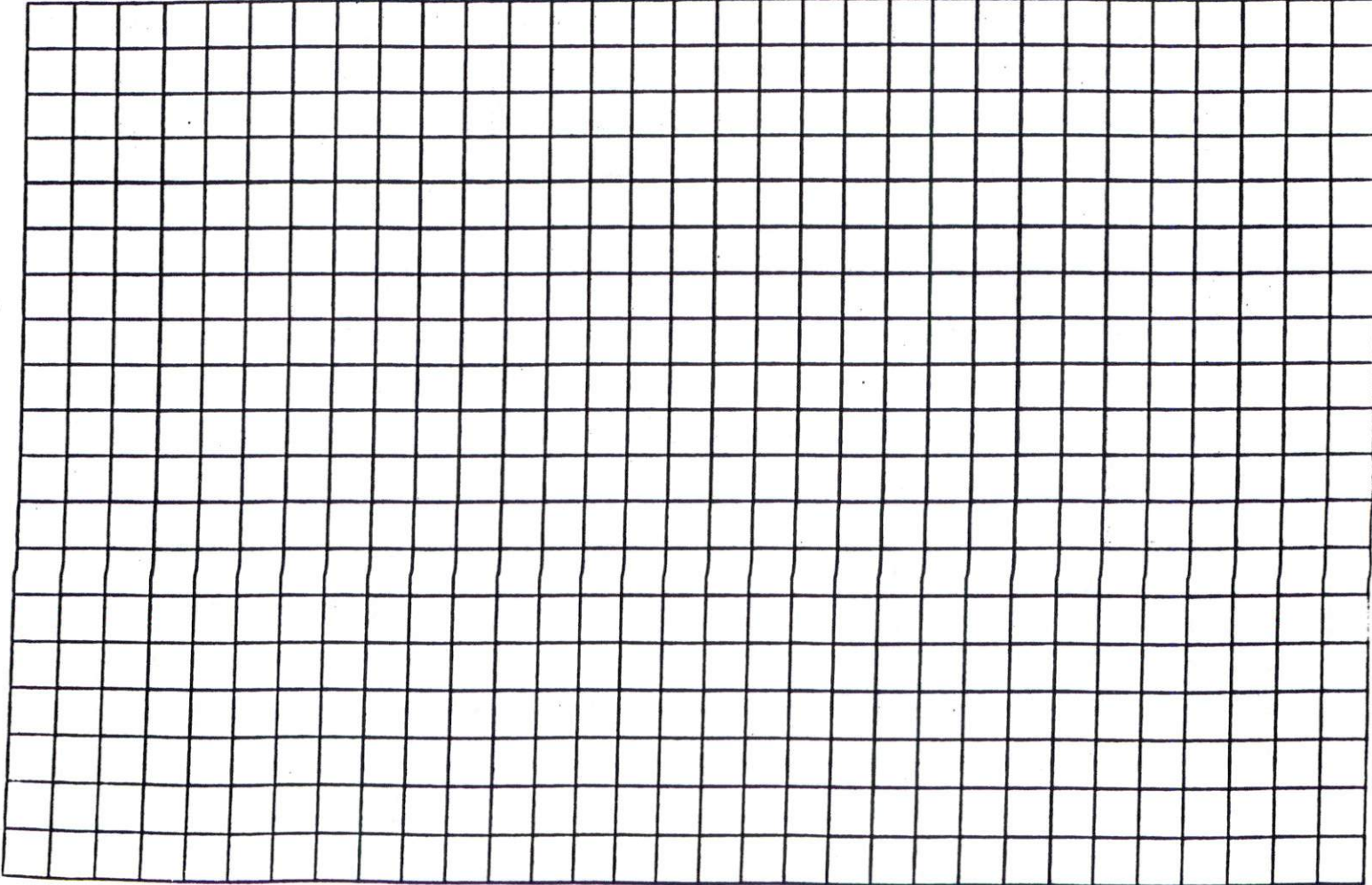
COMMENTS: \_\_\_\_\_

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

**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)

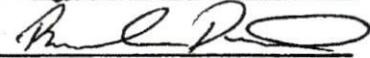




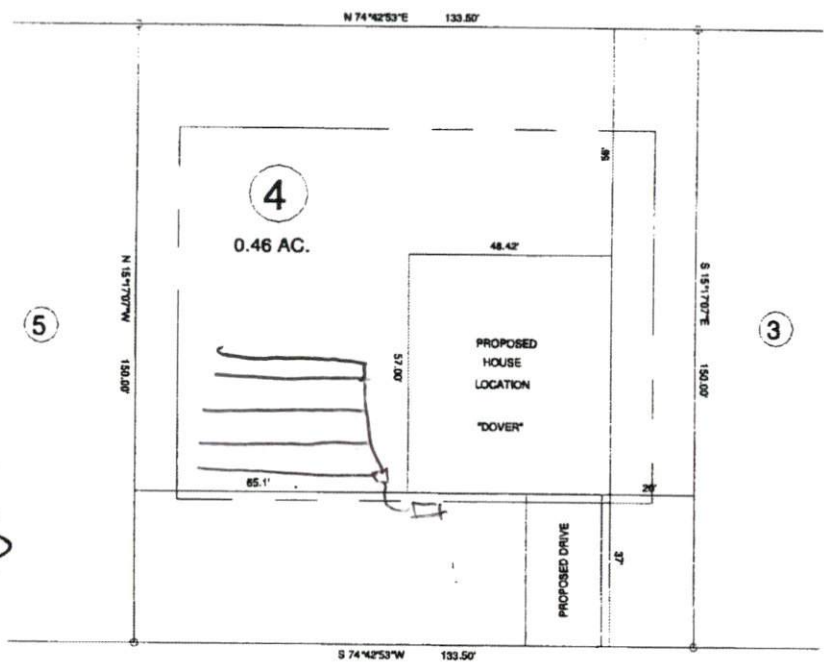
**SITE PLAN APPROVAL**

DISTRICT RA2012 USE SFD

#BEDROOMS 4

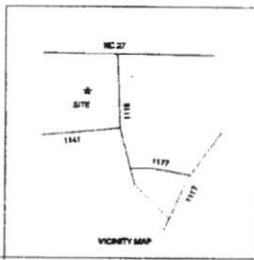
1-5-11   
ZONING ADMINISTRATOR

MAP REFERENCE: MAP NO. 2010 848



"KENTUCKY DERBY LN." 60' R/W

- MINIMUM BUILDING SET BACKS**
- FRONT YARD — 30'
  - REAR YARD — 25'
  - SIDE YARD — 10'
  - CORNER LOT SIDE YARD — 25'
  - MAXIMUM HEIGHT — 35'



|  |                |  |                   |
|--|----------------|--|-------------------|
| - SURVEY FOR -                           |                | JOB NO. 10498                          |                   |
| <b>PROPOSED PLOT PLAN - LOT - 4</b>      |                | <b>BENNETT SURVEYS, INC.</b>           |                   |
| <b>"TOTTER'S RIDGE S/D", PHASE - 1-A</b> |                | 1862 CLARK RD., LILLINGTON, N.C. 27546 |                   |
| (919) 893-5252                           |                | C-1080                                 |                   |
| TOWNSHIP                                 | BARBEQUE       | COUNTY                                 | HARNETT           |
| STATE                                    | NORTH CAROLINA | DATE                                   | DECEMBER 16, 2010 |
| ZONE                                     | RA-2DR         | WATERBIRD DISTRICT                     | TAX PARCEL ID#    |
| SCALE: 1" = 40'                          |                | SURVEYED BY:                           |                   |
| DRAWN BY: RVB                            |                | FIELD BOOK                             |                   |
| CHECKED & CLOSURE BY:                    |                | DRAWING NO.                            |                   |
|  |                | 10498                                  |                   |