

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

Owner:

Applicant:

Address:

Date Evaluated:

Proposed Facility: 3860 room home

Design Flow (.1949): 360 gpd

Property Size:

Location of Site:

Property Recorded:

- 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>Saprot<br>Class | .1944<br>Restr<br>Horiz |                            |
| A                                    | LS<br>5-7%                                | 0-20                      | G SL                           | VFL NS/MP                          |                                    |                              |                          |                         | PS<br>.5                   |
|                                      |   | 20-31                     | SBK SL                         | VFL S/S/P                          | 1012 7/2 @ 37"                     |                              |                          |                         |                            |
|                                      |   | 31-44                     | G SL                           | VFL NS/MP                          |                                    |                              |                          |                         |                            |
|                                      |   | <del>0-18</del>           | <del>G SL</del>                | <del>VFL NS/MP</del>               | <del>WRONG</del>                   |                              |                          |                         |                            |
|                                      |   | <del>18-36</del>          | <del>SBK SL</del>              | <del>FL S</del>                    | <del>WRONG</del>                   |                              |                          |                         |                            |
|                                      |   | 0-19                      | G SL                           | VFL NS/MP                          |                                    |                              |                          |                         |                            |
|                                      |   | 19-28                     | SBK G                          | FL S/P                             | CR2 @ 27"                          |                              |                          |                         |                            |
|                                      |   |                           |                                |                                    |                                    |                              |                          |                         |                            |
|                                      |   |                           |                                |                                    |                                    |                              |                          |                         |                            |
|                                      |   |                           |                                |                                    |                                    |                              |                          |                         |                            |

| Description             | Initial System  | Repair System   |
|-------------------------|-----------------|-----------------|
| Available Space (.1945) | ✓               | ✓               |
| System Type(s)          | PUMP TO 25% R6D | PUMP TO 25% R6D |
| Site LTAR               | .5              | .25             |

Other Factors (.1946): \_\_\_\_\_  
 Site Classification (.1948): \_\_\_\_\_  
 Evaluated By: *01*  
 Others Present: MIKE EAKER

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 | NS-NON-STICKY<br>SS-SLIGHTLY STICKY                                  |
| S-SHOULDER SLOPE           |              | LS-LOAMY SAND        |                   |                                |  |
| L-LINEAR SLOPE             |              |                      |                   |                                |  |
| FS-FOOT SLOPE              | II           | SL-SANDY LOAM        | 0.8 - 0.6         | FI-FIRM<br>VFI-VERY FIRM       | S-STICKY<br>VS-VERY STICKY   |
| N-NOSE SLOPE               |              | L-LOAM               |                   |                                |  |
| H-HEAD SLOPE               | III          | SI-SILT-             | 0.6 - 0.3         | EFI-EXTREMELY FIRM             | NP-NON-PLASTIC<br>SP-SLIGHTLY STICKY<br>P-PLASTIC<br>VP-VERY PLASTIC |
| CC-CONCLAVE SLOPE          |              | SIL-SILT LOAM        |                   |                                |  |
| CV-CONVEX SLOPE            |              | CL-CLAY LOAM         |                   |                                |  |
| T-TERRACE                  |              | SCL-SANDY CLAY LOAM  |                   |                                |  |
| FP-FLOOD PLAN              |              | SICL-SILTY CLAY LOAM |                   |                                |  |
|                            | IV           | SIC-SILTY CLAY       | 0.4 - 0.1         |                                |  |
|                            |              | C-CLAY               |                   |                                |  |
|                            |              | SC-SANDY CLAY        |                   |                                |  |

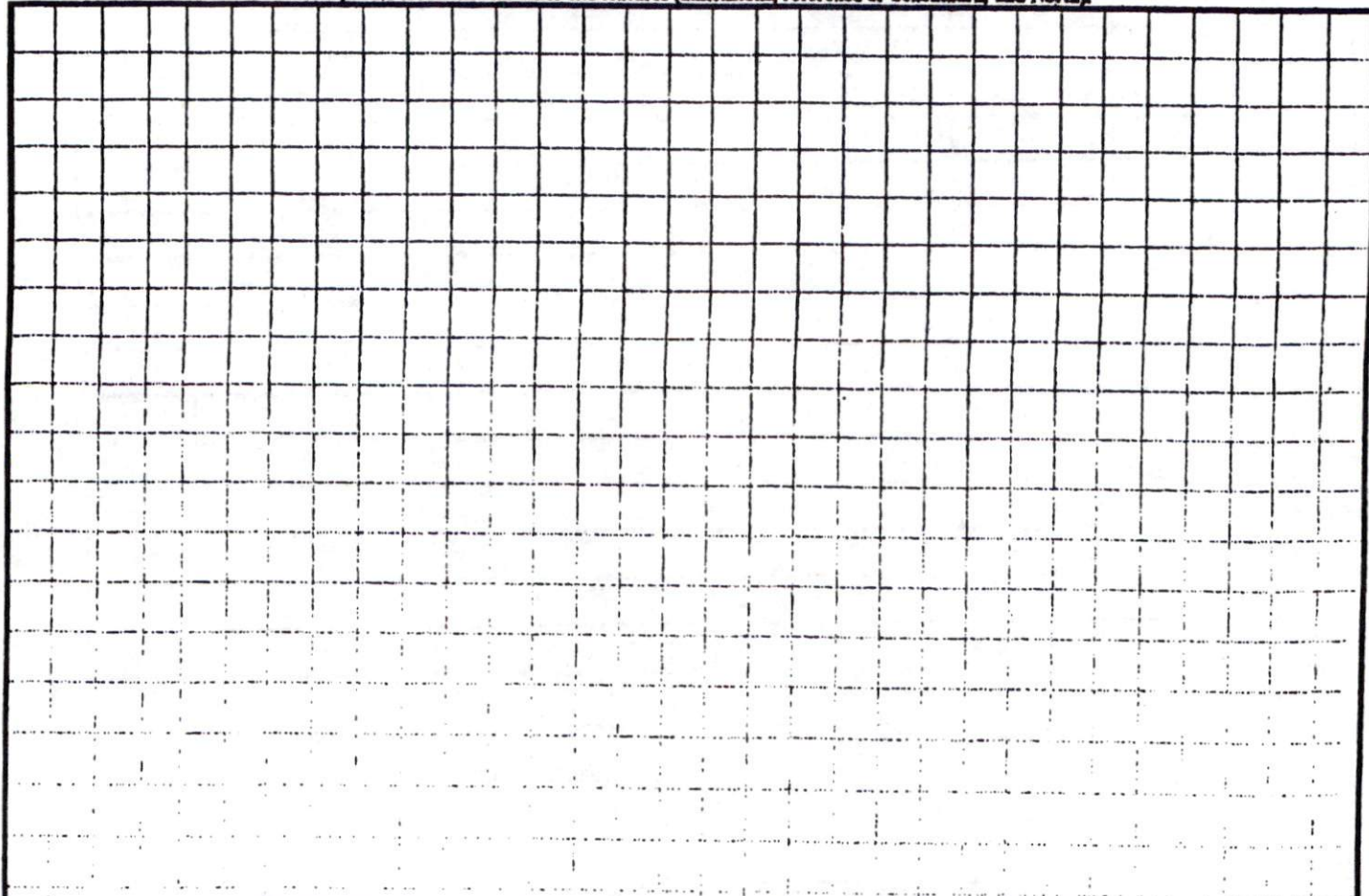
**STRUCTURE**

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

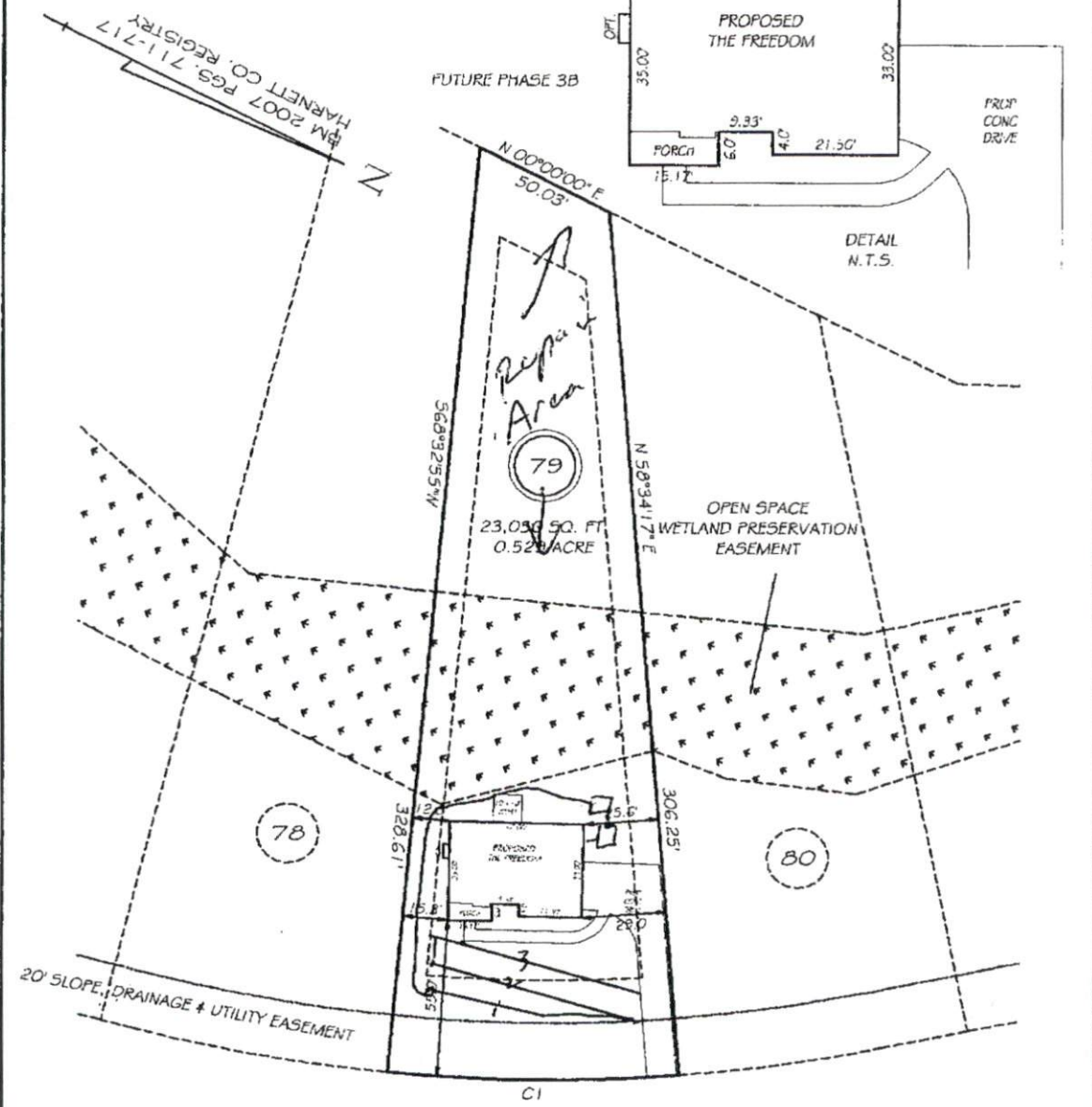
**MINERALOGY**

- SLIGHTLY EXPANSIVE
- EXPANSIVE

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



I, MICHAEL P. GRIFFIN, certify that under my direction and supervision this map was drawn from an actual field survey; that the error of closure of the survey as calculated by coordinates is 1:10,000+; that the area shown hereon was calculated by coordinates.  
 Witness my hand and seal this day of MONTH 2009.



OMAHA DRIVE  
50' PUBLIC R/W

SETBACKS

|             |    |
|-------------|----|
| FRONT       | 35 |
| REAR        | 25 |
| SIDE        | 10 |
| CORNER SIDE | 20 |

REVISION: DRIVEWAY CONFIGURATION 7/29/09  
 REVISION: FREEDOM SIDELOAD 7/24/09  
 C1 R=575.00' L=100.13' S26°26'24"E 100.00'

**PRELIMINARY**  
 NOT FOR RECORDATION,  
 SALES OR CONVEYANCE

LEGEND

|     |                     |     |                    |
|-----|---------------------|-----|--------------------|
| EIP | EXISTING IRON PIPE  | FES | FLARED END SECTION |
| IPS | IRON PIPE SET       | WM  | WATER METER        |
| RAW | RIGHT OF WAY        | CO  | CLEAN OUT          |
| N/F | NOW OR FORMERLY     | FH  | FIRE HYDRANT       |
| EIS | EXISTING IRON STAKE | CB  | CATCH BASIN        |

**LS** GRIFFIN LAND SURVEYING, INC.  
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**PLOT PLAN**  
 FOR  
**AMERICAN HOMESMITH**  
 TINGEN POINTE  
 LOT 79  
 OMAHA DRIVE  
 HARNETT COUNTY BARBECUE TOWNSHIP

|            |     |       |          |
|------------|-----|-------|----------|
| DRAWN BY   | MPG | DATE  | 6/23/09  |
| CHECKED BY | MPG | SCALE | 1" = 50' |

