

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

Owner: *Bryan Cherauti* Applicant:  
 Address: *16590 NC 27W* Date Evaluated: *5-24-22*  
 Proposed Facility: *Ex home* Design Flow (.1949): *480 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           |                              |                         |   | .1944<br>Restr<br>Horiz | 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 |   |                         |                            |
| 1.2                                  | L  | 0-18                      | LS Gr                          | Fr/w/np/np                         | 10YR6/2                            | >48"                         | —                       | — | PS.4                    |                            |
|                                      | 5-7%                                       | 18-48                     | sc1 silty                      | Fi/ss/sp/sx                        | ≥36"                               |                              |                         |   | Group<br>III            |                            |
|                                      |  |                           |                                |                                    |                                    |                              |                         |   |                         |                            |
|                                      |  |                           |                                |                                    |                                    |                              |                         |   |                         |                            |
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|                                      |  |                           |                                |                                    |                                    |                              |                         |   |                         |                            |

|                         |                |                                     |  |
|-------------------------|----------------|-------------------------------------|--|
| Description             | Initial System | Repair System                       | Other Factors (.1946):                 |
| Available Space (.1945) |                | <input checked="" type="checkbox"/> | Site Classification (.1948): <i>PS</i> |
| System Type(s)          |                | <i>25% red</i>                      | Evaluated By: <i>MJL-REH</i>           |
| Site LTAR               |                | <i>.4</i>                           | Others Present:                        |

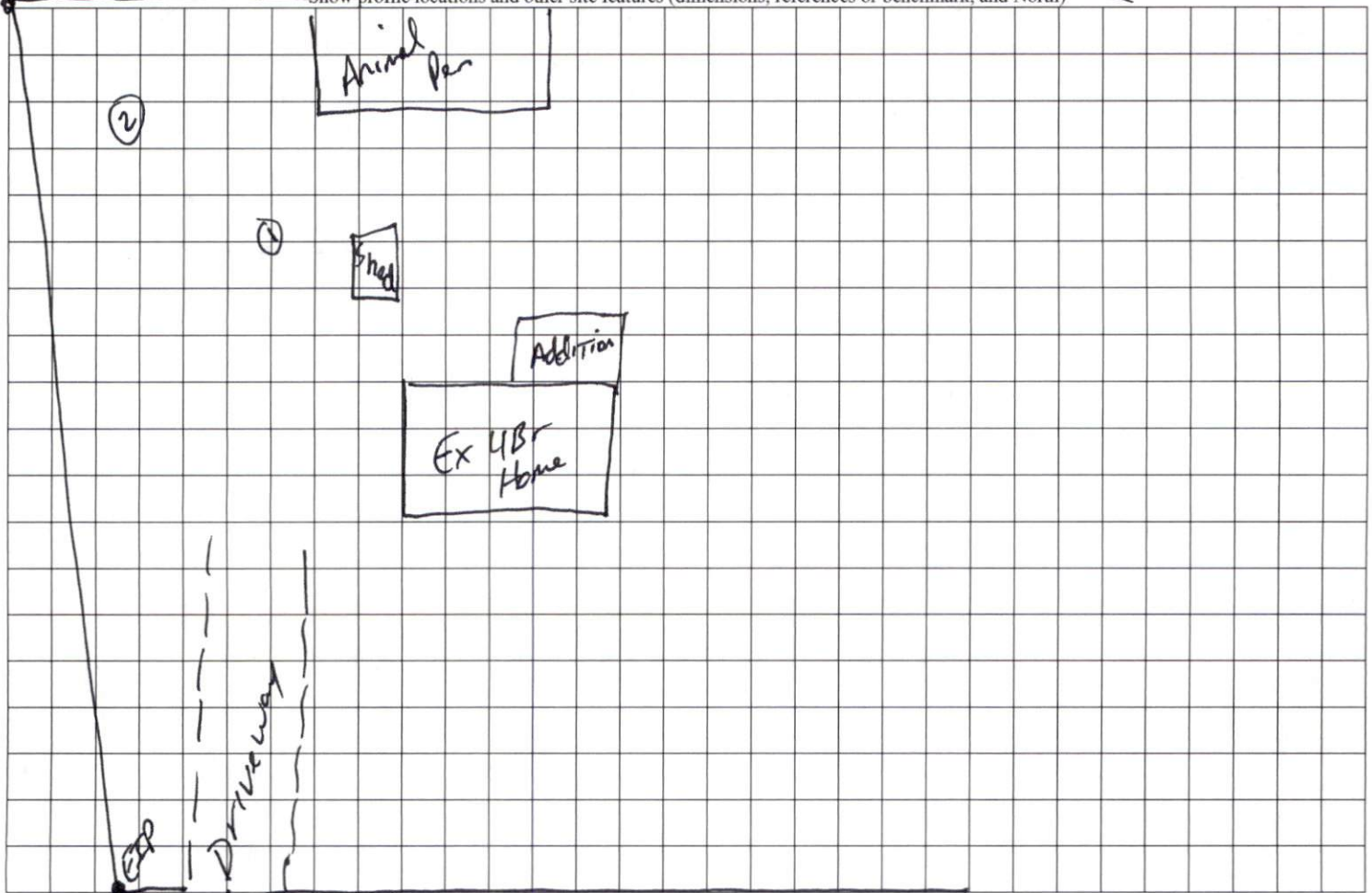
COMMENTS: \_\_\_\_\_

| LANDSCAPE POSITIONS | GROUP | TEXTURES                | .1955 LTAR | CONSISTENCE MOIST                              | WET  |
|---------------------|-------|-------------------------|------------|--|--|
| 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      | II    | SL-SANDY 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<br>SP-SLIGHTLY STICKY |
| FS-FOOT SLOPE       |       | L-LOAM                  |            |  |  |
| N-NOSE SLOPE        | III   | SI-SILT                 | 0.6 - 0.3  |  | P-PLASTIC<br>VP-VERY PLASTIC                                       |
| 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<br>SC-SANDY CLAY |            |  |  |

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|-----------------------|--------------------|
| STRUCTURE             | MINERALOGY         |
| SG-SINGLE GRAIN       | SLIGHTLY EXPANSIVE |
| M-MASSIVE             |                    |
| CR-CRUMB              | EXPANSIVE          |
| GR-GRANULAR           |                    |
| SBK-SUBANGULAR BLOCKY |                    |
| ABK-ANGULAR BLOCKY    |                    |
| PL-PLATY              |                    |
| PR-PRISMATIC          |                    |

EXP

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



← NC 27 W →