

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

Owner: Applicant: James Martin
 Address: Date Evaluated: 8/9/19
 Proposed Facility: 3BR DWMH Design Flow (.1949): 360 GPD Property Size:
 Location of Site: 594 Kramer Rd Property Recorded:
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

| P R O F I L E # | .1940 Landscape Position/ Slope % | Horizon Depth (In.) | SOIL MORPHOLOGY .1941 | | OTHER PROFILE FACTORS | | | | Profile Class & LTAR |
|--------------------------------------|--|---------------------------|--------------------------------|------------------------------------|------------------------------------|------------------------------|-------------------------|-------------------------|----------------------------|
| | | | .1941 Structure/ Texture | .1941 Consistence Mineralogy | .1942 Soil Wetness/ Color | .1943 Soil Depth (IN.) | .1956 Sapro Class | .1944 Restr Horiz | |
| 1 | L < 2% | 0-48" | Gr SL | VFR Sexp | nsnp | 48" | | | S 0.6 |
| 2 | L < 4% | 0-18" | Gr SL | VFR Sexp | nsnp | | | | |
| | | 18-36" | BK SCL | Fr Sexp | SSSP | 36" | | | PS 0.45 |
| 3 | L < 5% | 0-25" | Gr LS | VFR Sexp | nsnp | | | | |
| | | 25-40" | BK SCL | Fr Sexp | SSSP | 40" | | | PS 0.45 |
| 4 | L < 5% | 0-30" | Gr LS | VFR Sexp | nsnp | | | | |
| | | 30-36" | Gr SL | VFR Sexp | nsnp | | | | |
| | | 36-48" | BK SCL | Fr Sexp | SSSP | 48" | | | 0.5 |

| | | | |
|-------------------------|----------------|-------------------------------------|--|
| Description | Initial System | Repair System | Other Factors (.1946): |
| Available Space (.1945) | | <input checked="" type="checkbox"/> | Site Classification (.1948): <u>Provisionally suitable</u> |
| System Type(s) | | <u>25% Red</u> | Evaluated By: <u>Brittany Adams</u> |
| Site LTAR | | <u>0.45</u> | Others Present: |

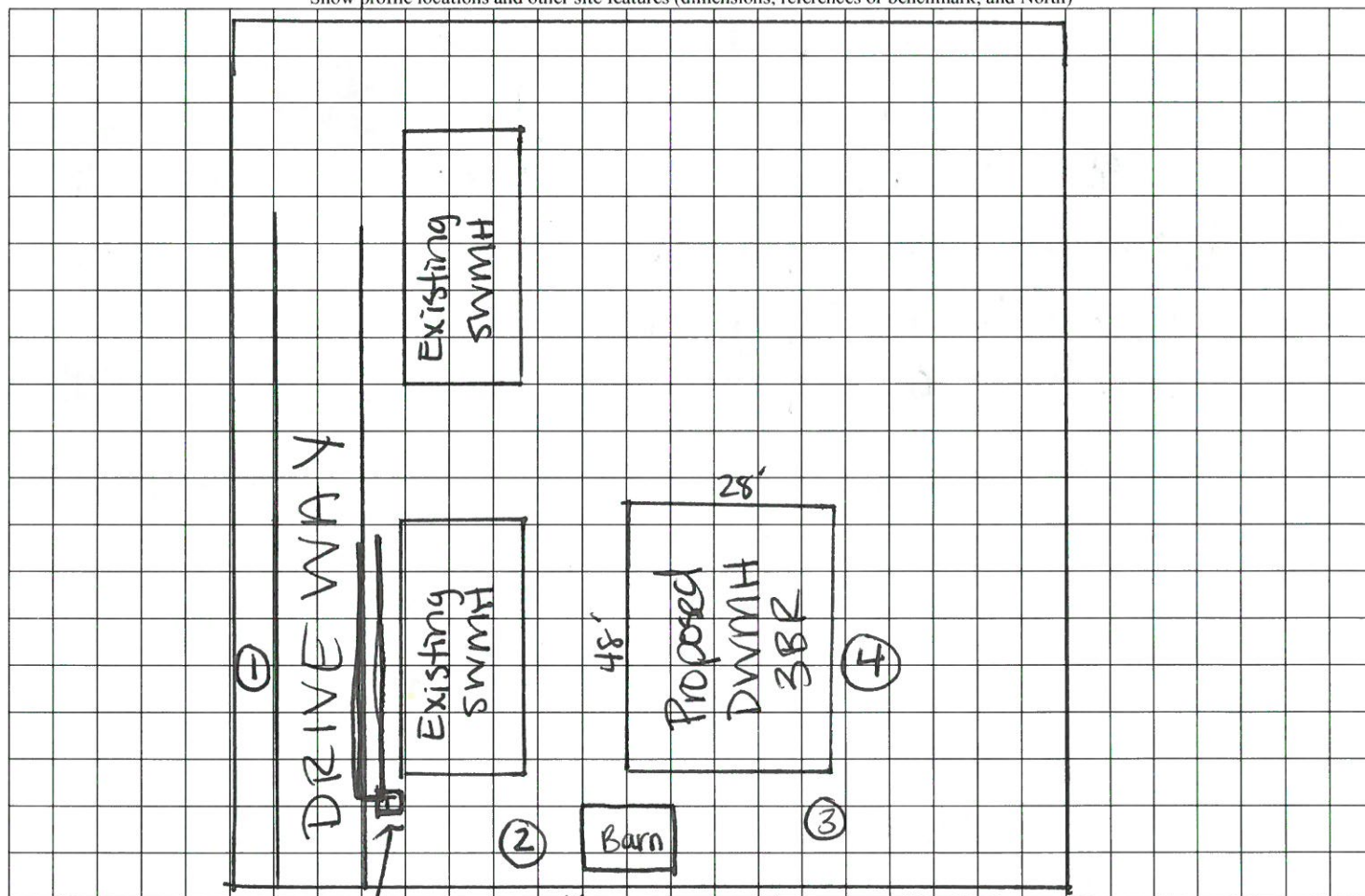
COMMENTS: _____

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

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)



Existing septic system