Department of Environment, Health and Natural Resources
Division of Environmental Health
On-Site Wastewater Section

Sheet:
Property ID:
Lot #:
File #: SFD 1912-0001
Code: AVERY POND
LOT 88

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

Owner: – Applicant: LGI Homes
Address: 175 Old Head Way Date Evaluated: 02/05/2020
Proposed Facility: 3br SFD Design Flow (.1949): 360GPD 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

| PROFILE # | .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 | |
| 1,2 | < 3% | 0-14 | GR LS | VFR NSNP | | | | | PS |
| | | 14-42 | BR SCL | FR SSSP | 7.5YR7/1 @ 38" | 42 | | | 0.4 |
| | | | | | | | | | |
| 2 | < 3% | 0-24 | GR LS | VFR NSNP | | | | | PS |
| | | 24-42 | BR SCL | FR SSSP | 7.5YR7/1 @ 38" | 42 | | | 0.4 |
| | | | | | | | | | |
| 3,4 | < 3% | 0-28 | GR LS | VFR NSNP | | | | | U/PS |
| | | 28-34 | BR SCL | FR SSSP | 7.5YR7/1 @ 32" | 34 | | | 0.4 |
| | | | | | | | | | |
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| Description | Initial System | Repair System |
|---|---|---|
| Available Space (.1945) | ✓ | ✓ |
| System Type(s) | SCO/ONSD | SCO/ONSD |
| Site LTAR | 0.4 | 0.4 |

Other Factors (.1946):
Site Classification (.1948): UNSUITABLE / PROVISIONALLY SUITABLE
Evaluated By:
Others Present: ANDREW CURRIN / [illegible]

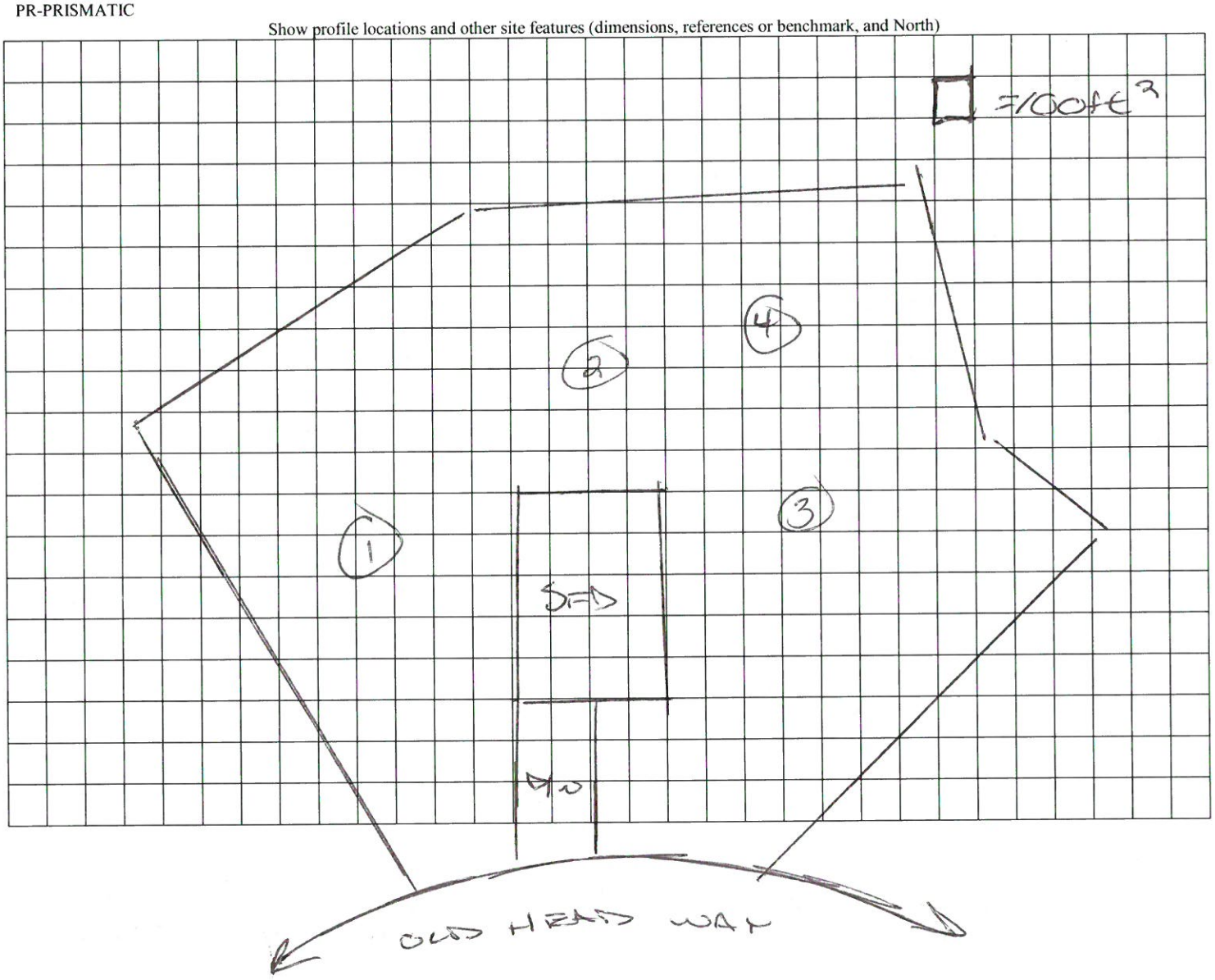
FILE #

COMMENTS: _____

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