

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

Owner: Applicant: Wynn Construction Inc.
 Address: Away Pond Lake St Date Evaluated: 09/11/14
 Proposed Facility: 432 SFD Design Flow (.1949): 460 GPD Property Size: 1.037 AC
 Location of Site: Property Recorded: Yes
 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 | |
| | | | | | | | | | |
| 1,2 | L 4% | 0-8 | GR SL | VAR SSSR 4Ksp | | | | | PS |
| | | 8-48 | BK SC | FI SP 4Ksp | | 48 | | | 0.35 |
| 3 | L 4% | 0-12 | GR SL | VAR SSSR 4Ksp | | | | | |
| | | 12-44 | BK SC | FI SP 4Ksp | | | | | PS |
| | | 44+ | Parent mat | — | | 44 | | | 0.35 |
| 4 | L 4% | 0-18 | GR SL | VAR SSSR 4Ksp | | | | | |
| | | 18-30 | BK SC | FI SP 4Ksp | | | | | U/PS |
| | | 30+ | Rock | — | | 30 | | | 0.35 |
| 5,6 | L 4% | 0-16 | GR SL | VAR SSSR 4Ksp | | | | | |
| | | 16-36 | BK SC | FI SP 4Ksp | | | | | PS |
| | | 36+ | Parent mat. | — | 7.5YR2/1 @ 36" | 36 | | | 0.35 |

| | | | |
|-------------------------|-------------------------------------|-------------------------------------|---|
| Description | Initial System | Repair System | Other Factors (.1946): |
| Available Space (.1945) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Site Classification (.1948): <u>Unsuitable/Provisionally Suitable</u> |
| System Type(s) | <u>25% Red</u> | <u>25% Red.</u> | Evaluated By: <u>Andrew Curran, NEMS</u> |
| Site LTAR | <u>0.35</u> | <u>0.35</u> | Others Present: |

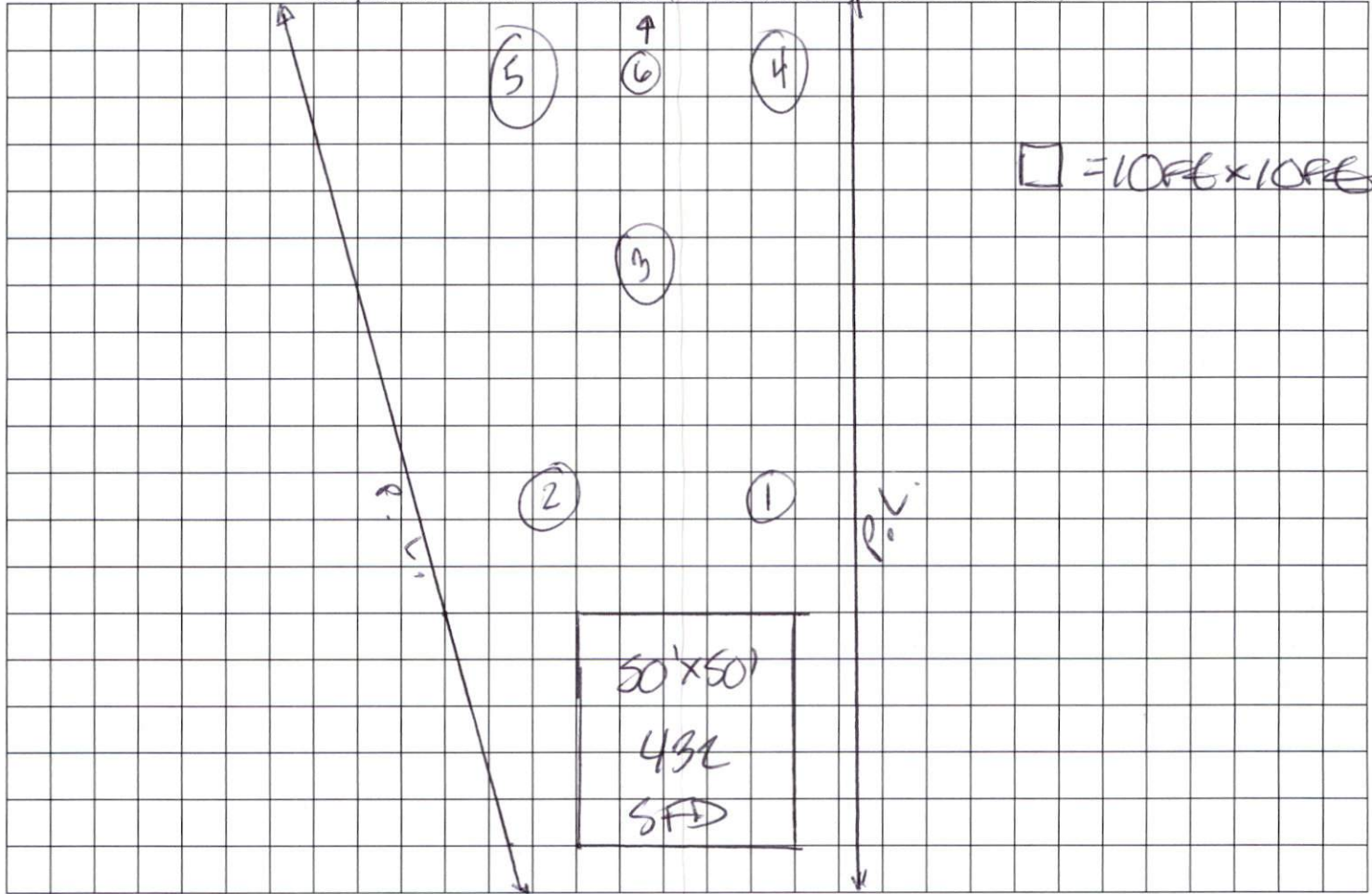
COMMENTS: _____

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

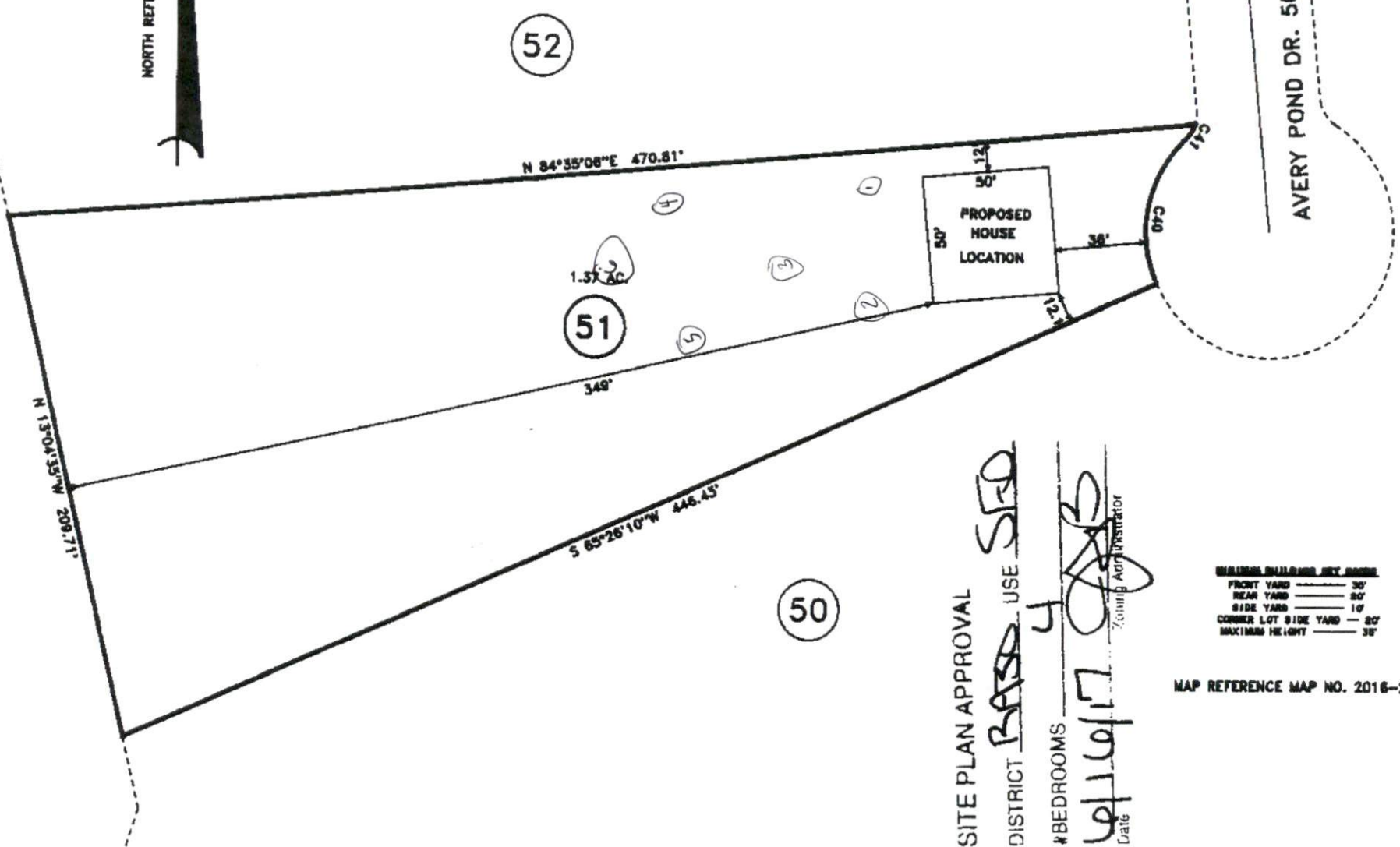
MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE

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



NORTH REFERENCE GRID NAD 83

| CURVE | RADIUS | LENGTH | CHORD | CH. BEARING |
|-------|--------|--------|--------|--------------|
| C41 | 13.00' | 8.59' | 8.52' | S 32°57'08"W |
| C40 | 50.00' | 82.88' | 58.82' | S 11°27'42"W |



52

51

50

AVERY POND DR. 50'R/W

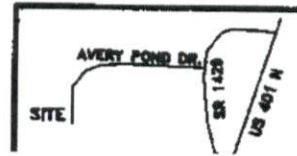
SITE PLAN APPROVAL
 DISTRICT RASS USE SFD
 #BEDROOMS 4
 Date 10/17/17
 Zoning Administrator

MINIMUM BUILDING SET BACKS

| | |
|----------------------|-----|
| FRONT YARD | 30' |
| REAR YARD | 20' |
| SIDE YARD | 10' |
| CORNER LOT SIDE YARD | 20' |
| MAXIMUM HEIGHT | 35' |

MAP REFERENCE MAP NO. 2016-201

474 AVERY POND DR. FUQUAY-VARINA NC 27526



**PROPOSED PLOT PLAN LOT 51
AVERY POND S/D PHASE II**

| | | | |
|-----------------------|--------------------|--------|---------|
| TOWNSHIP | HECTORS CREEK | COUNTY | HARNETT |
| STATE: NORTH CAROLINA | DATE: MAY 19, 2017 | | |

BENNETT SURVEYS F-1304
 1862 CLARK RD., LILLINGTON, N.C. 27548
 (910) 883-5252

| | | | |
|--------|-----|---------------|------------|
| 15' 0" | 30' | SURVEYED BY: | FIELD BOOK |
| | | DRAWN BY: MRB | |