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

Sheet: 1 OF 2
PIN #: 4711-48-5695
Lot #:
Permit #: 220042
AppID:

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

Owner: LEON FAGAN
Applicant: CLAYTON HOMES
Address: 148 BAHAMA DR. HAMPSTEAD, NC
Date Evaluated: 8/19/2016
Proposed Facility: SFR
Design Flow (.1949) 360
Property Size: 4.62 AC
Location of Site: 174 TOURMAN SHOALS RD.
Property Recorded: YES
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

| PROFILE # | .1940 Landscape Position/ Slope% | Horizon Depth (IN.) | SOIL MORPHOLOGY .1941 .1941 Structure/ Texture | .1941 Consistence Mineralogy | b PROFILE FACTORS .1942 Soil Wetness/ Color | .1943 Soil Depth (IN.) | .1956 Sapro Class | .1944 Restr Horiz | Profile Class & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| AB 1 | LINEAR 4% | 0-15 | C,M,SBK | SS | NA | 48" | MANY INC @ 27-48" | 48"+ | .3 |
| | | 15-27 | CL,M,SBK | SS | | | | | |
| | | 27-48 | CL,W,SBK | SS | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| PIT 1 | LINEAR 4% | 0-16 | SCL,W,SBK | SS | NA | 66" | COMM INC @ 32-66" | 66"+ | .3 |
| | | 16-32 | C,W,SBK | SS | | | | | |
| | | 32-66 | CL,W,SBK | SS | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| PIT 2 | LINEAR 6% | 0-21 | C,M,SBK | SS | NA | 40" | S | 53"+ | .3 |
| | | 21-40 | CL,W,SBK | SS | | | | | |
| | | 40-53 | LSAP | SS | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| PIT 3 | LINEAR 6% | 0-10 | SCL,W,SBK | SS | NA | 45" | S | 60"+ | .3 |
| | | 10-20 | C,M,SBK | SS | | | | | |
| | | 20-45 | CL,W,SBK | SS | | | | | |
| | | 45-60 | LSAP | SS | | | | | |
| | | | | | | | | | |

| Description | Initial System | Repair System |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | G-25% RED | G-25% RED |
| Site LTAR | .3 | .3 |

Other Factors (.1946):
Soil Evaluation By: BEN ALDRIDGE
Others Present: NONE
Site Classification (.1948): PS
Site Evaluation By: BEN ALDRIDGE
Others Present: NONE

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Sheet: 2 OF 2
File #: 220042

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

| 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 | |
| PIT 4 | LINEAR 6% | 0-32 | C,M,SBK | SS | NA | 40" | S | 53"+ | .3 |
| | | 32-40 | CL,W,SBK | SS | | | | | |
| | | 40-53 | LSAP | SS | | | | | |

AB#1 0-15 CMSBK FEW MICA
15-27 CLMSBK
27-48 CLWSBK MANY SAP

PIT#1 0-16 SCLWSBK
16-32 CWSBK
32-66 CLWSBK
COMM SAP

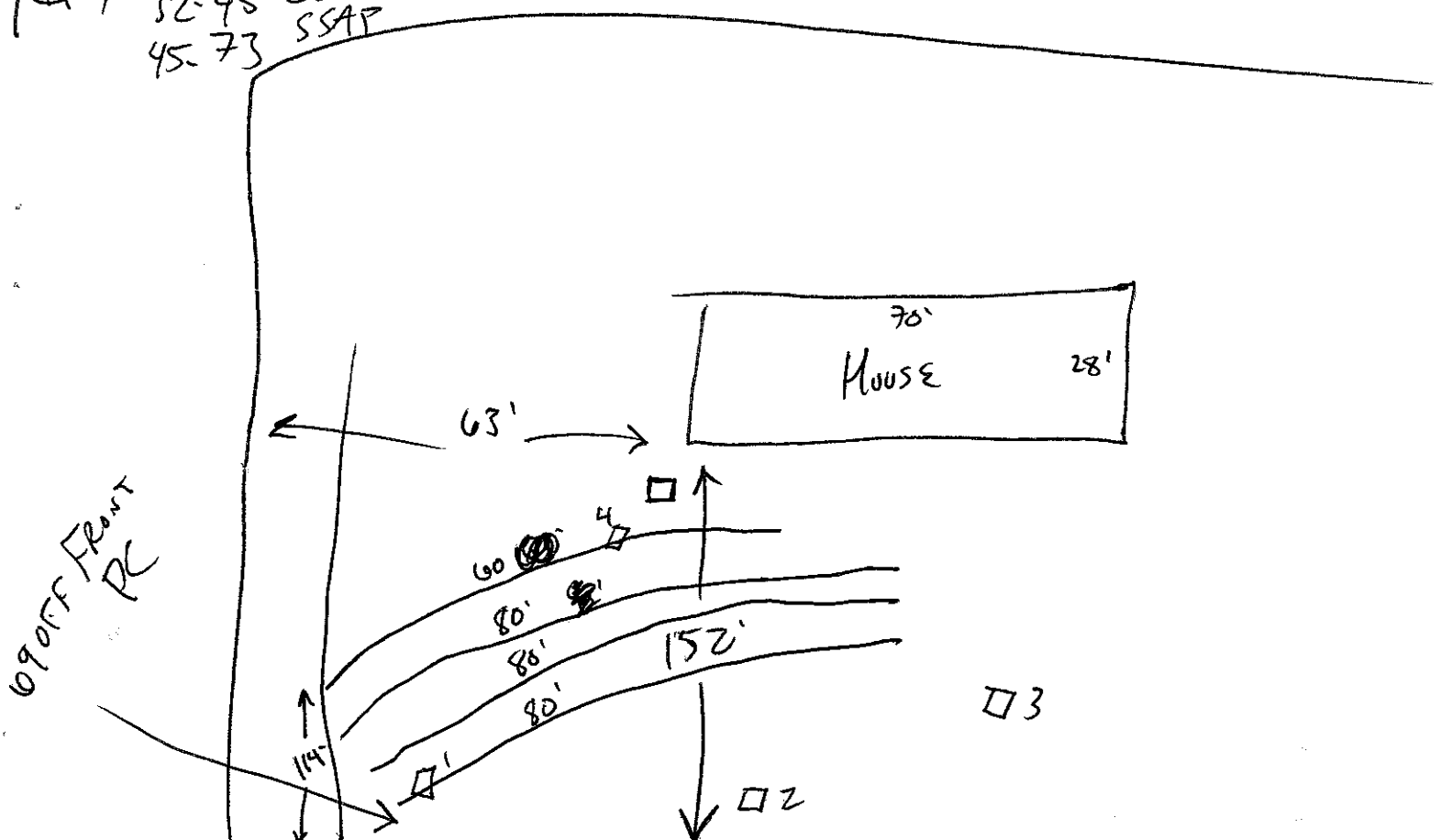
PIT#2 0-21 CMSBK
21-40 CL WSBK
40-53 LSAP

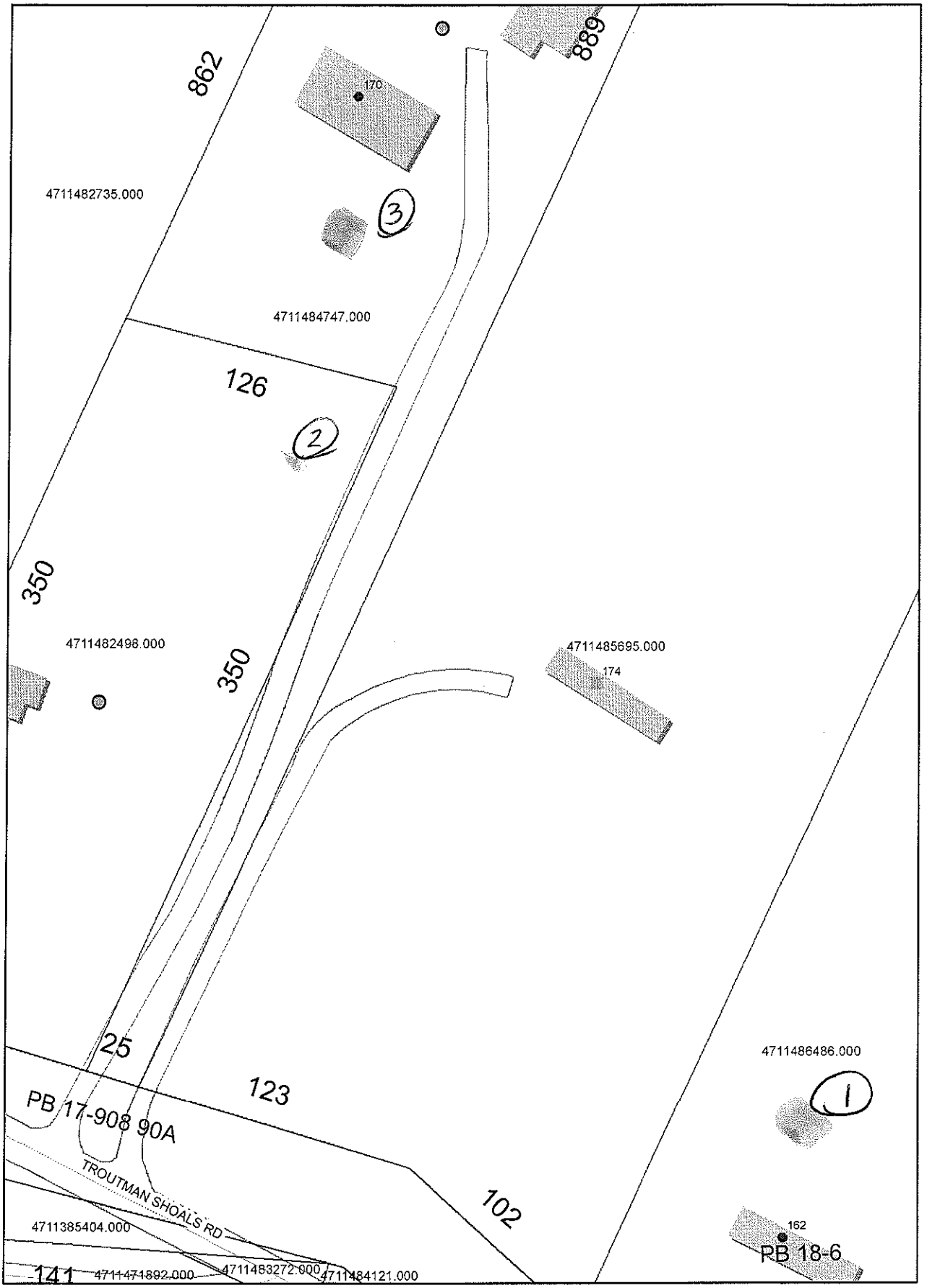
PIT#3 ~~0-20 SCLWSBK~~ ~~20-45 CMSBK~~ ~~45-60~~

~~0-20~~ ~~20-30~~

0-10 SCLWSBK
10-20 CMSBK
20-45 CLWSBK
45-60 LSAP

P#4 0-32 CMSBK
32-45 CLWSBK
45-73 SSAP




862
889
170
4711482735.000
3
4711484747.000
126
2
350
4711482498.000
350
4711485695.000
174
25
123
PB 17-908 90A
TROUTMAN SHOALS RD
102
4711486486.000
1
4711385404.000
162
PB 18-6
141
4711471892.000
4711483272.000
4711484121.000