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

Sheet: 1 OF 2
PIN #: 4614-94-3261
Lot #: 2
Permit #: 202050
AppID:

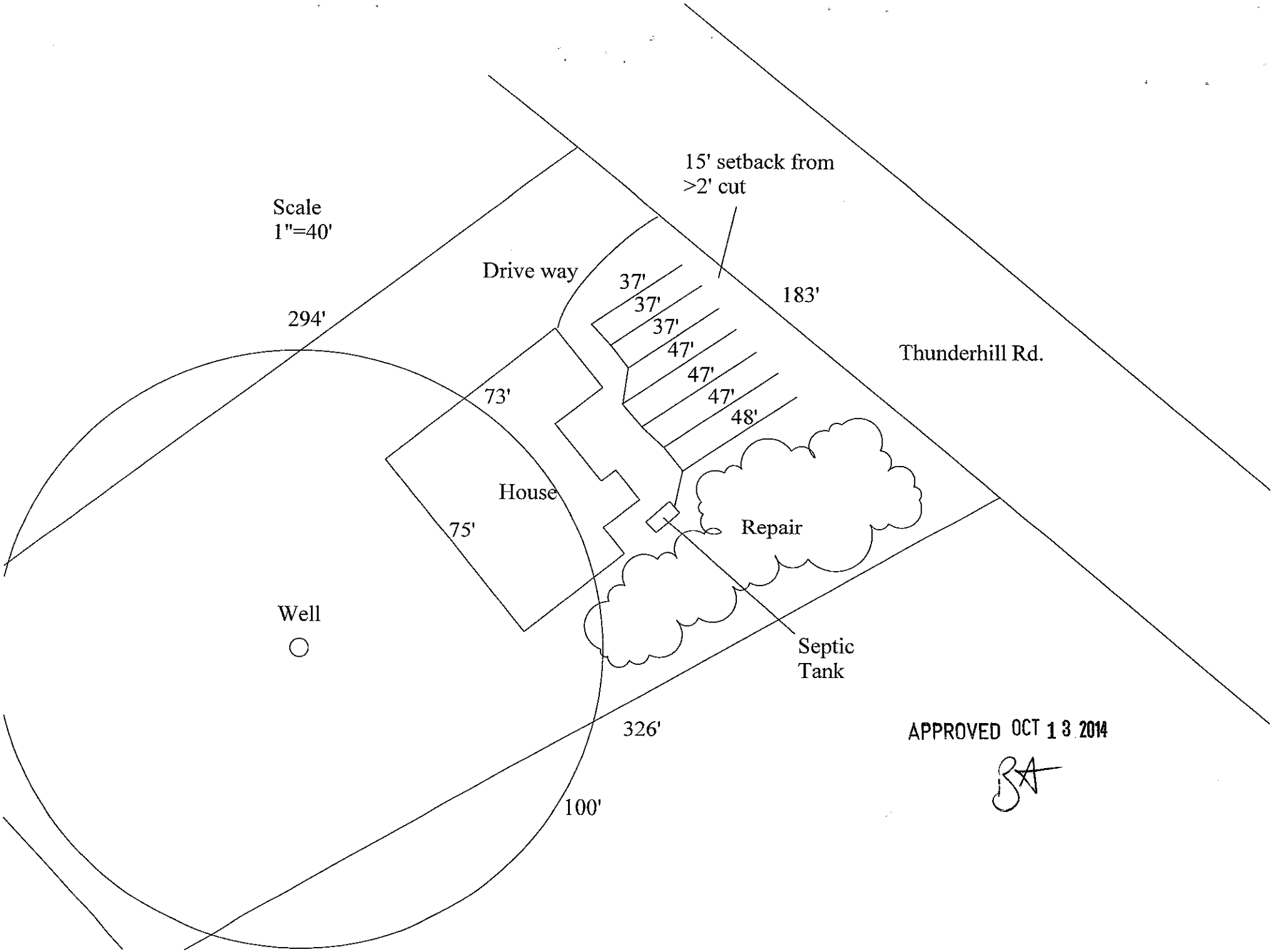
# SOIL/SITE EVALUATION
## for ON-SITE WASTEWATER SYSTEM

Owner: MORANO
Applicant: KENNETH BEALER HOMES
Address: 114 THUNDERHILL RD.
Date Evaluated: 10/10/2014
Proposed Facility: SFR
Design Flow (.1949) 360
Property Size: 1.1 AC
Location of Site: THUNDERHILL PARK LOT 2
Property Recorded: YES
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [ ] 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 6% | 0-22 | RC,M,SBK | SS | NA | 48" | MANY @ 36" | NA | .3 |
| | | 22-48 | RCL,M,SBK | SS | | | | | |
| AB 2 | LINEAR 6% | 0-42 | RC,M,SBK | SS | NA | 48" | NA | NA | .3 |
| | | 42-48 | RCL,M,SBK | SS | | | | | |
| AB 3 | LINEAR 7% | 0-48 | RC,M,SBK | SS | NA | 48" | NA | NA | .3 |
| AB 4 | LINEAR 7% | 0-48 | RC,M,SBK | SS | NA | 48 | NA | NA | .3 |

| Description | Initial System | Repair System |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | G-25% | PANEL BLOCK |
| 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


Scale
1"=40'
15' setback from
>2' cut
Drive way
37'
37'
37'
47'
47'
47'
48'
183'
Thunderhill Rd.
294'
73'
House
75'
Repair
Well
Septic
Tank
326'
100'
APPROVED OCT 13 2014

IREDELL COUNTY HEALTH DEPARTMENT *ENVIRONMENTAL HEALTH DIVISION*:

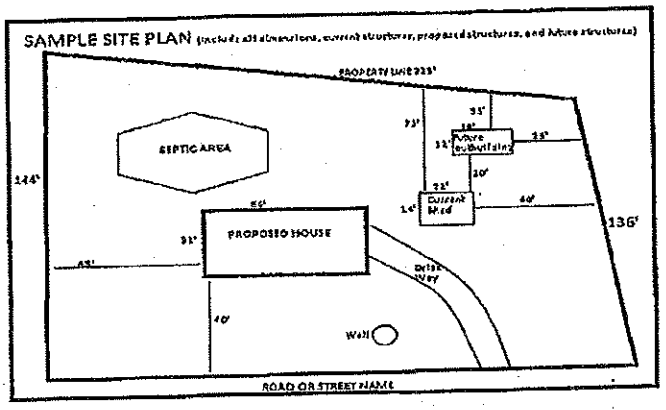
## *SITE PLAN WORKSHEET*

SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM PERMIT!!!*

Place an (X) beside each item as you complete the site plan:
_X_ Property Line measurements are clearly identified... _X_ All proposed structures are indicated...

*SHOW: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site*
_X_ Front and side setbacks from property line... _X_ Preferred driveway location and configuration, preferred well location...
_X_ Area you prefer your septic system to be placed... _X_ North arrow, or other sufficient indicator of direction...

Circle N/A on the following if appropriate:
N/A Location of septic systems and wells within 100' of your property... N/A N/A Location of any designated wetlands on the property... N/A
_X_ Location of easements and rights of ways on your property... N/A



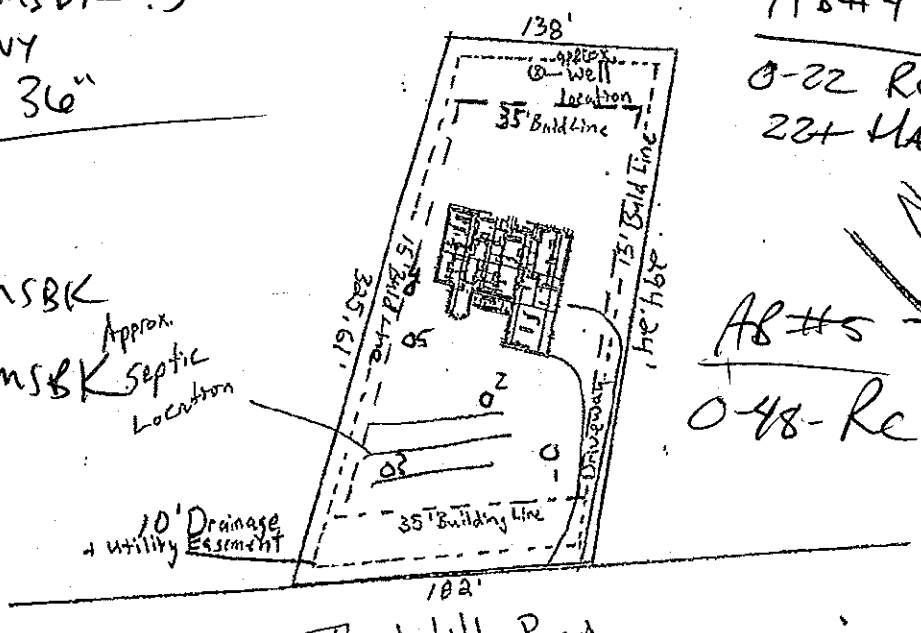

AB#3
0-48 RcmsBK

AB#1
0-22 RcmsBK
22-48 RcmsBK .3
MANY
SAT 36"

USE THIS SPACE TO DRAW YOUR SITE PLAN

AB#4
0-22 RcmsBK
22+ HARD SAP/ROCK

AB#2
0-42 RcmsBK
42-48 RcmsBK




Approx. Septic Location

AB#5
0-48 RcmsBK

Signature: _____
*REQUIRED* property owner or owner's legal representative signature.

9-18-14
DATE

S:\Shared\EH_Admin\OSWW\Application for New or Existing System