4703.96.7950

IREDELL COUNTY HEALTH DEPARTMENT

JANE MURRAY, RN BSN MS
HEALTH DIRECTOR

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

Date **6/27/14**

Re: Application for improvement permit for **Abee's Clearing and Grading**, property site **155 Adkins Ln. Statesville, NC**
Health Department file number: **202735**

Dear **Abee's Clearing and Grading** (Owner or Owner's Agent)

The Iredell County Health Department, Environmental Health Division on **(6/25/14)** evaluated the above referenced property at the site designated on the plat/site plan that accompanied your improvement permit application. According to your application the site is to serve a **3 bedroom residence** (describe facility – example: 3 bedroom residence, 10 employee office) with a design wastewater flow of **360** gallons per day. The evaluation was done in accordance with the laws and rules governing wastewater systems in North Carolina General Statute 130A-333 including related statutes and Title 15A, Subchapter 18A, of the North Carolina Administrative Code, Rule .1900 and related rules.

Based on the criteria set out in Title 15A, Subchapter 18A, of the North Carolina Administrative Code, Rule .1940 through .1948, the evaluation indicated that the site is UNSUITABLE for a ground absorption sewage system. Therefore, your request for an improvement permit is DENIED. A copy of the site evaluation is enclosed. The site is unsuitable based on the following:

____X____ Unsuitable soil topography and/or landscape position (Rule .1940)
_____ Unsuitable soil characteristics (structure or clay mineralogy) (Rule .1941)
____X____ Unsuitable soil wetness condition (Rule .1942)
____X___ Unsuitable soil depth (Rule .1943)
_____ Presence of restrictive horizon (Rule .1944)
____X___ Insufficient space for septic system and repair area (Rule .1945)
_____ Unsuitable for meeting required setbacks (Rule .1950)
_____ Other (Rule .1946) _____
_____
_____

These severe soil or site limitations could cause premature system failure, leading to the discharge of untreated sewage on the ground surface, into surface waters, directly to ground water or inside your structure.

The site evaluation included consideration of possible site modifications, and modified, innovative, or alternative systems. However, the Health Department has determined that none of the above options will overcome the severe conditions on this site. A possible option might be a system designed to dispose of sewage to another area of suitable soil or off-site to additional property.

For the reasons set out above, the property is currently classified UNSUITABLE, and no improvement permit shall be issued for this site in accordance with Rule .1948(c).

However, the site classified as UNSUITABLE may be classified as PROVISIONALLY SUITABLE if written documentation is provided that meets the requirements of Rule .1948(d). A copy of this rule is enclosed. You may hire a consultant to assist you if you wish to try to develop a plan under which your site could be reclassified as PROVISIONALLY SUITABLE.

You have a right to an information review of this decision. You may request an informal review by the soil scientist or environmental health supervisor at the local health department. You may also request an information review by the North Carolina Department of Health and Human Services regional soil scientist. A request for informal review must be made in writing to the local health department.

You also have a right to a formal appeal of this decision. To pursue a formal appeal, you must file a petition for a contested case hearing with the Office of Administrative Hearings, 6714 Mail Service Center, Raleigh, NC 27699-6714. To get a copy of a petition form, you may write the Office of Administrative Hearings or call the office at (919) 431-3000 or from the OAH web site at http://www.ncoah.com/forms.html . The petition for a contested case hearing must be filed in accordance with the provision of North Carolina General Statutes 130A-24 and 150B-23 and all other applicable provisions of Chapter 150B. N.C. General Statute 130A-335 (g) provides that your hearing would be held in the county where your property is located.

Please note: If you wish to pursue a formal appeal, you must file the petition form with the Office of Administrative Hearings **WITHIN 30 DAYS OF THE DATE OF THIS LETTER.** The date of this letter is XXX XX, XXXX. Meeting the 30 day deadline is critical to your formal appeal.

If you file a petition for a contested case hearing with the Office of Administrative Hearings, you are required by law (N.C. General Statute 150B-23) to serve a copy of your petition on the Office of General Counsel, N.C. Department of Health and Human Services, 2001 Mail Service Center, Raleigh, N.C. 27699-2001.

Do not serve the petition on your local health department. Sending a copy of your petition to the local health department will not satisfy the legal requirement in N.C. General Statute 150B-23 that you send a copy to the Office of General Counsel, N. C. Department of Health and Human Services.
You may call or write the local health department if you need any additional information or assistance.

Sincerely, Justin Henderson

Signature of Authorized Agent – DHHS
Enclosures: (Enclose copy of site evaluation)
(Copy of Rule .1948)

IREDELL COUNTY

PO Box 788
349 North Center St.
Statesville, NC 28677

APPLICATION NUMBER
202735
Issue Date: 04/10/2014

ZONING PERMIT

Open Space

Parcel Number	Street Address	Jurisdiction
4703467950.000	155 ADKINS LANE, STATESVILLE, NC 28677	STATESVILLE

Owner Information	Applicant Information
Owner: TROUTMAN FAMILY LTDP RLLLP	Applicant: ABEE'S CLEARING & GRAD
Address: ,	Address: 2381 US HIGHWAY 64 WEST MOCKSVILLE, NC 27028
Phone:	Phone: 704-239-3693

Use Requested	Zone Code
MODULAR HOME	R20

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
.631	35.00	35.00	15.00	15.00	PACL	X

Remarks:

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Applicant: _____ Date: _____

Permit Number	9599	TOTAL FEES:	$ 77.25

2027135
EFT-826329

IREDELL COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
Application for IMPROVEMENT PERMIT, AUTHORIZATION TO CONSTRUCT, or EXISTING SYSTEM INSPECTION

(THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED - APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS)

1. APPLICATION FOR: ___ Improvement Permit ___ Authorization To Construct ✓ BOTH ___ Existing System Inspection

2. Page 2: *Site Plan Worksheet* Form MUST Accompany This Application
The following optional attachments may also be submitted: *Place check ( ) beside whichever is submitted if applicable*
✓ Survey Plat, Scaled no more than 1 Inch = 60 Feet
✓ Custom Site Plan, Scaled no more than 1 Inch = 60 Feet

3. Applicant Information:

Keith & Toni Hickerrell (Applicant Name)	117 Canfield Dr. Olin (Mailing Address)	(lot) 755-3291 (Home Phone #)	Deena 704-239-3693 (Alternate Phone #)
Trautman Family LTDP (Owner Name)	232 Davie Ave. Statesville (Mailing Address)	(Home Phone #)	(Alternate Phone #)

4. Property Information:

155 Adkins Ln (Street Address)	Morrow Meadows (Subdivision Name)	Lot #28 (Section/Phase and Lot Number)

Driving Directions: 70W - (R) N. Shady Rest Rd. (R) Adkins Ln
property in cul-de-sac on left.

5. RESIDENTIAL Site Development Information: *(Check or Complete ALL that apply)*

(✓) New, Single Family Residence
( ) New, Multi-Family Residence
( ) Expansion of Existing Septic System
( ) Repair To Failing Septic System
( ) Other

Maximum Number of Bedrooms 3
Maximum Number of Occupants 5
If Expansion, Current Number of Bedrooms ___

(✓) Crawl Space Foundation?
( ) Concrete Slab Foundation?
( ) Basement w/Plumbing?
( ) Basement w/out Plumbing?

IF Non-Residential Site Development: Type of Business
Square Footage of Building
Maximum Number of En
Maximum Number of Sea

- Flagged structure needs to match site plan.
- Lines surveyed in
- Backhoe Pits
6-3-14
Dem Application

6. Proposed Water Supply:

(✓) New Well ( ) Existing Well ( ) Community W

7. Desired Septic System Type: *(You may rank in order of pr*

( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified

8. Please Answer The Following To The Best of Your Ability:

( ) Yes (✓) No
( ) Yes (✓) No
( ) Yes (✓) No

I have read this application and certify that the information provided herein is true, com
entry to conduct necessary inspections to determine compliance with applicable laws and
and labeling of all property lines and corners and making the site accessible so that a com

9. Signature: Deena Allen
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

4/8/14
DATE

IREDELL COUNTY HEATLH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAGE 2: *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:

- ✓ Property Line measurements are clearly identified...
- ✓ 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
- ✓ Front and side setbacks from property line...
- ✓ Preferred driveway location and configuration, preferred well location...
- ✓ Area you prefer your septic system to be placed...
- ✓ North arrow, or other sufficient indicator of direction...

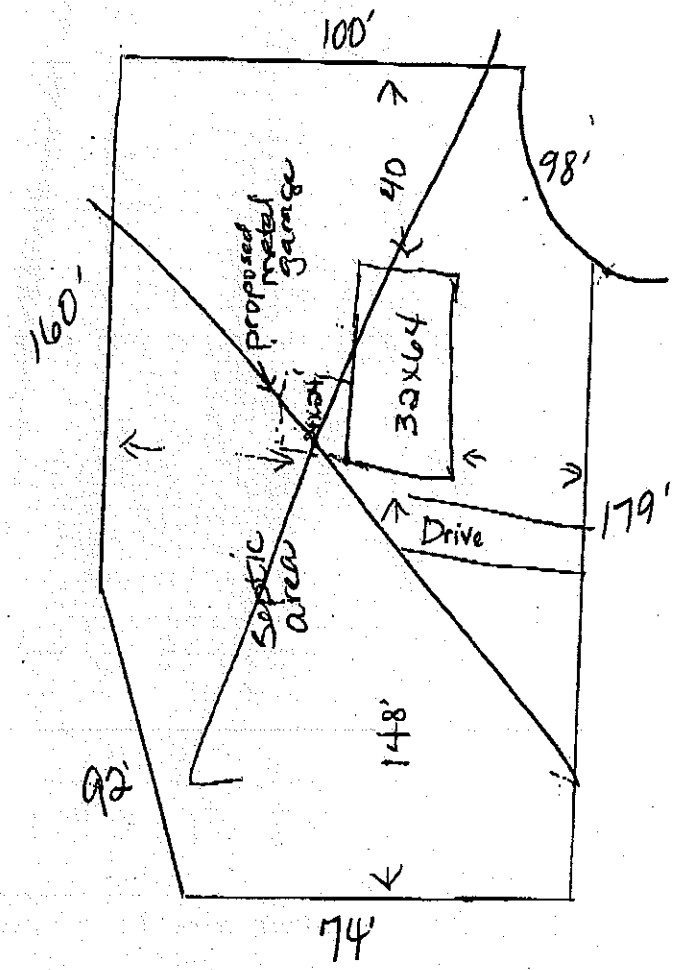
Circle N/A on the following if appropriate:

- Location of septic systems and wells within 100' of your property... (N/A)
- Location of easements and rights of ways on your property... (N/A)
- Location of any designated wetlands on the property... (N/A)

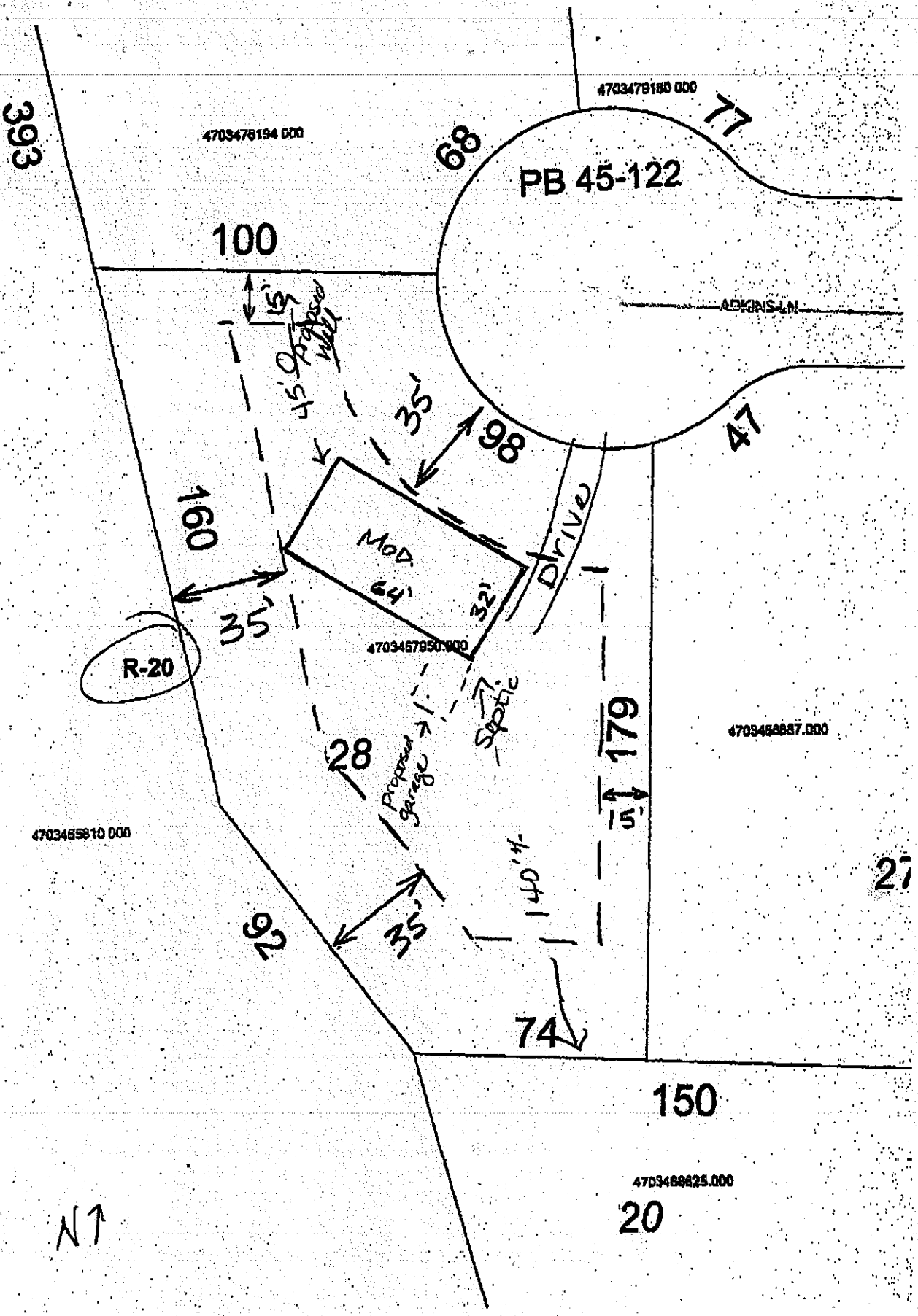
Signature: Deena Abee
REQUIRED property owner or owner's legal representative signature.

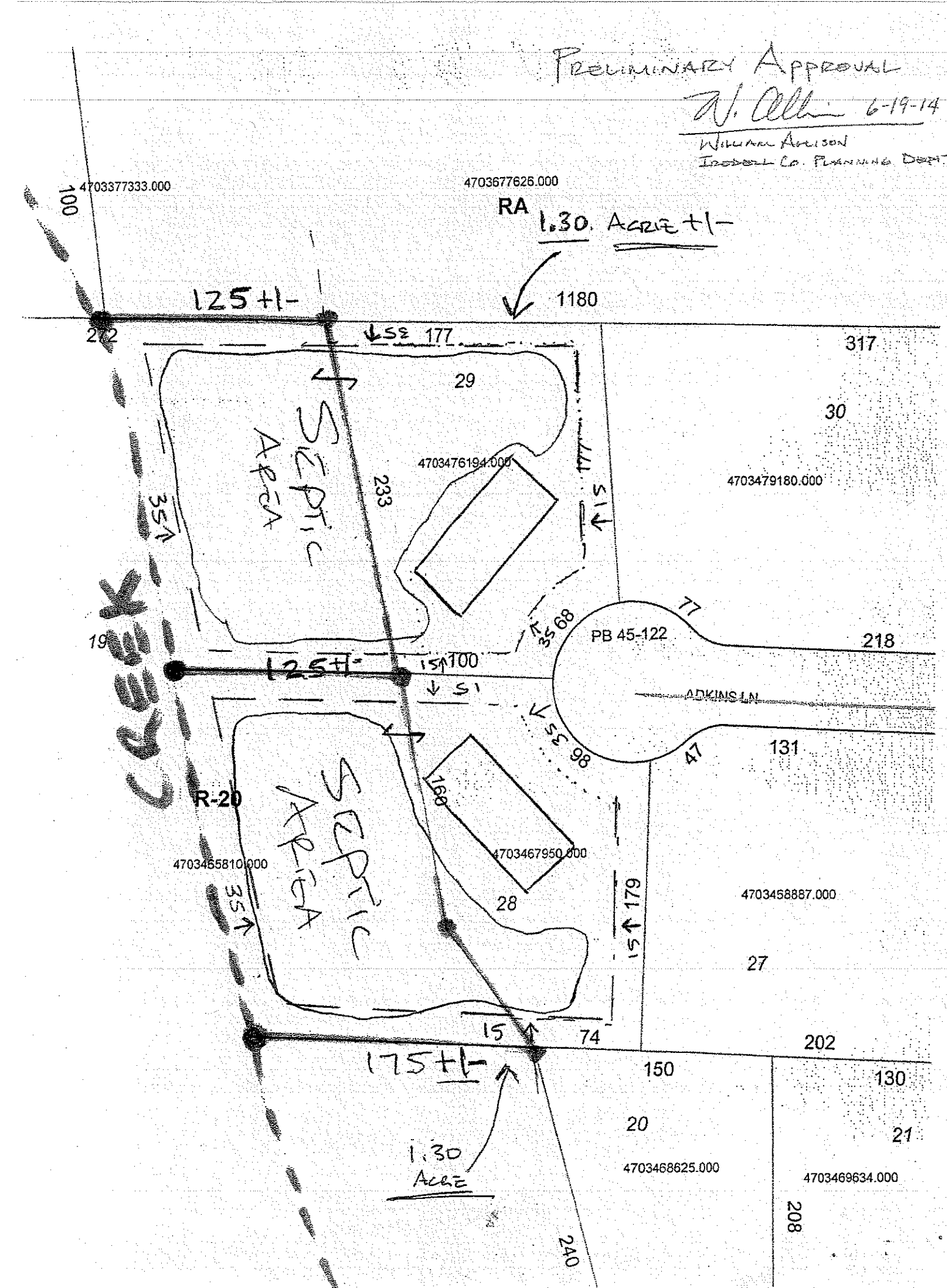
DATE 4/8/14

USE THIS SPACE TO DRAW YOUR SITE PLAN

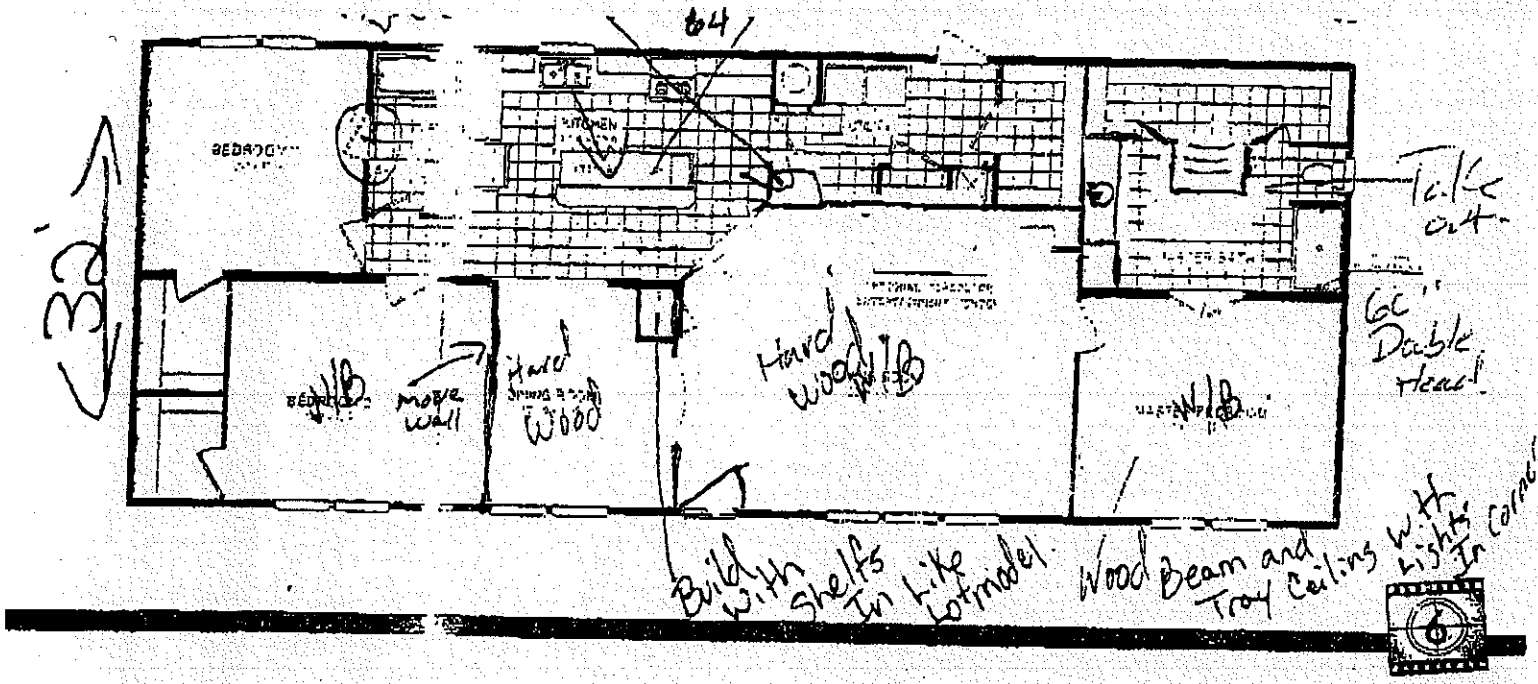


See attached


4703478180.000
4703478194.000
393
68
77
PB 45-122
100
ADKINS LN
15'
Proposed well
35'
98
47
160
Mod
64'
32'
Drive
35'
4703467950.000
R-20
Septic
28
Proposed garage
179
15'
4703468887.000
4703465810.000
140'+-
92
35'
74
150
27
4703468625.000
20
N1


PRELIMINARY APPROVAL
W. Allison 6-19-14
WILLIAM ALLISON
ISABELL CO. PLANNING DEPT
4703377333.000
4703677626.000
RA
1.30. ACRE +/-
100
125 +/-
1180
212
S82 177
317
29
30
SEPTIC AREA
4703476194.000
4703479180.000
233
177
S1
35
77
PB 45-122
218
19
35
68
125+/-
15
100
S1
ADKINS LN
S85 98
47
131
R-20
SEPTIC AREA
168
4703467950.000
4703465810.000
28
4703458887.000
35
179
S1
27
15
74
202
175+/-
150
130
1.30 ACRE
20
21
4703468625.000
4703469634.000
208
240

ATTN Donna
Hinckernell
from Willie G-



Vinyl -
Shutters -
Shingles -

Carpet -
Countertops -
Cabinets -
lino -
Decor -

Deera Alee 4/10/14

DENR/DEH

ON-SITE WASTEWATER SECTION

Auger Borings

Sheet 1 of 1
PROPERTY ID #: 9703469950
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Abee's Clearing & Grading
ADDRESS: 2381 US Highway 64 W
PROPOSED FACILITY: 3BR SFD PROPOSED DESIGN FLOW (.1949): 360 gpd
LOCATION OF SITE: 155 Atkins Ln
WATER SUPPLY: • Private • Public • Well • Spring • Other N/A
EVALUATION METHOD: • Auger Boring • Pit • Cut TYPE OF WASTEWATER: • Sewage • Industrial Process • Mixed

APPLICATION DATE 9-10-14
DATE EVALUATED: 9-23-14
PROPERTY SIZE: 0.631 acres
PROPERTY RECORDED: YES

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	3% HS	0-26	SL Gr	Fr Mod SE					Need Pits
		26-48	BSCL WSBK	Fr S/SP Mod SE					
2	4% HS	0-14	BSL Gr	Fr Mod SE					Need Pits
		14-30	BSCL-C WSBK	F/F S/SP Mod SE					
		30-39	BSCL-C WSBK	F/F S/SP Mod SI					
			2.5Y 6/1						
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): Need Pits to further evaluate
SITE CLASSIFICATION (.1948):
EVALUATED BY: Just Abolens
OTHER(S) PRESENT:

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			SEXP (Slightly Expansive)	M (Massive)
D (Drainage Way)					EXP (Expansive)	CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)			MOIST	WET
R (Ridge)		SCL (Sandy Clay Loam)				
S (Shoulder Slope)		SiL (Silt Loam)			VFR (Very Friable)	NS (Non-sticky)
T (Terrace)					FR (Friable)	SS (Slightly Sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FI (Firm)	S (Sticky)
		SiC (Silty Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		C (Clay)			EFI (Extremely Firm)	NP (Non-plastic)
		O (Organic)	None	None		SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

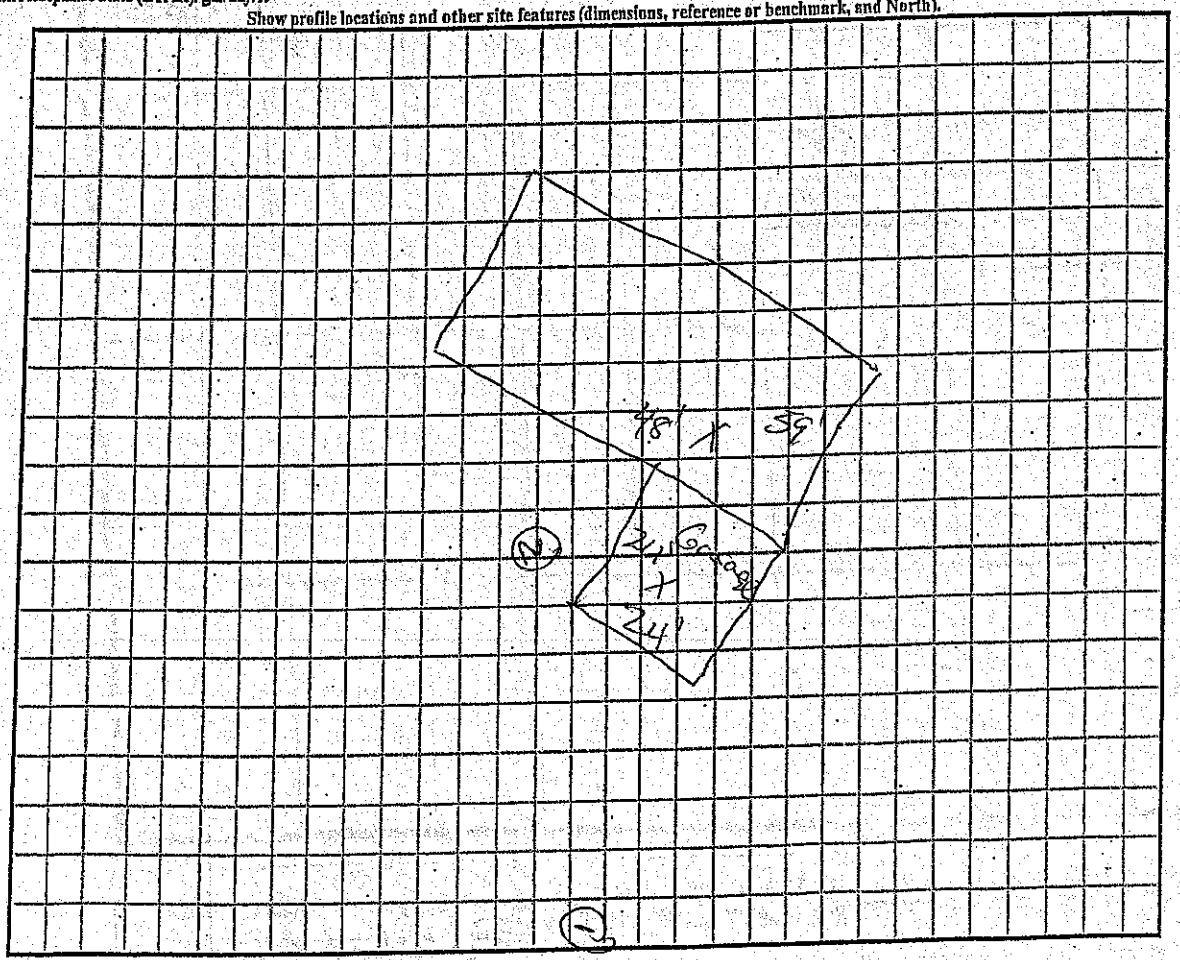
NOTES

HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

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



IR (######)
ew (#####)

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Pits on Existing Lot
Lot #28

Sheet 1 of 2
PROPERTY ID #: 4704167950
COUNTY: Iredell

SOIL/SITE EVALUATION
***for* ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

OWNER: Abee's Clearing & Grading
APPLICATION DATE 4-16-14
ADDRESS: 2381 US Highway 64 W
DATE EVALUATED: 6-17-14
PROPOSED FACILITY: 3BR SFD
PROPOSED DESIGN FLOW (.1949): 360gpd
PROPERTY SIZE: 0.631 acres
LOCATION OF SITE: 153 - Adkins Ln.
PROPERTY RECORDED: YES
WATER SUPPLY: ☐ Private ☐ ~~Public~~ ☐ Well ☐ Spring ☐ Other N/A
EVALUATION METHOD: ☐ Auger Boring ☐ ~~Pit~~ ☐ Cut
TYPE OF WASTEWATER: ☐ ~~Sewage~~ ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	3% HS	0-20	S fr	Gr SE	* Soil wetness @ 18" in sand 26" Chroma 2's	Chroma 2 @ 18"			
		0-50	SC fi	SBK SE					
2	5% HS	0-19	S fr	Gr SE	19" chrom 2's				
		20-50	SC fi	SBK SE					
3	4% HS	0-12	SCL fr	gr SE	24" Chroma 2's				
		12-33	C fi	ABK SE					
		33-50	BC fi/fr	WABK SE					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): N/A
SITE CLASSIFICATION (.1948): US
EVALUATED BY: Justin Henderson
OTHER(S) PRESENT: Adrian Fruits, Heath Snow

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05		
		O (Organic)	None	None		

MOIST	WET
VFR (Very Friable)	NS (Non-sticky)
FR (Friable)	SS (Slightly Sticky)
FI (Firm)	S (Sticky)
VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
EFI (Extremely Firm)	NP (Non-plastic)
	SP (Slightly Plastic)
	P (Plastic)
	VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

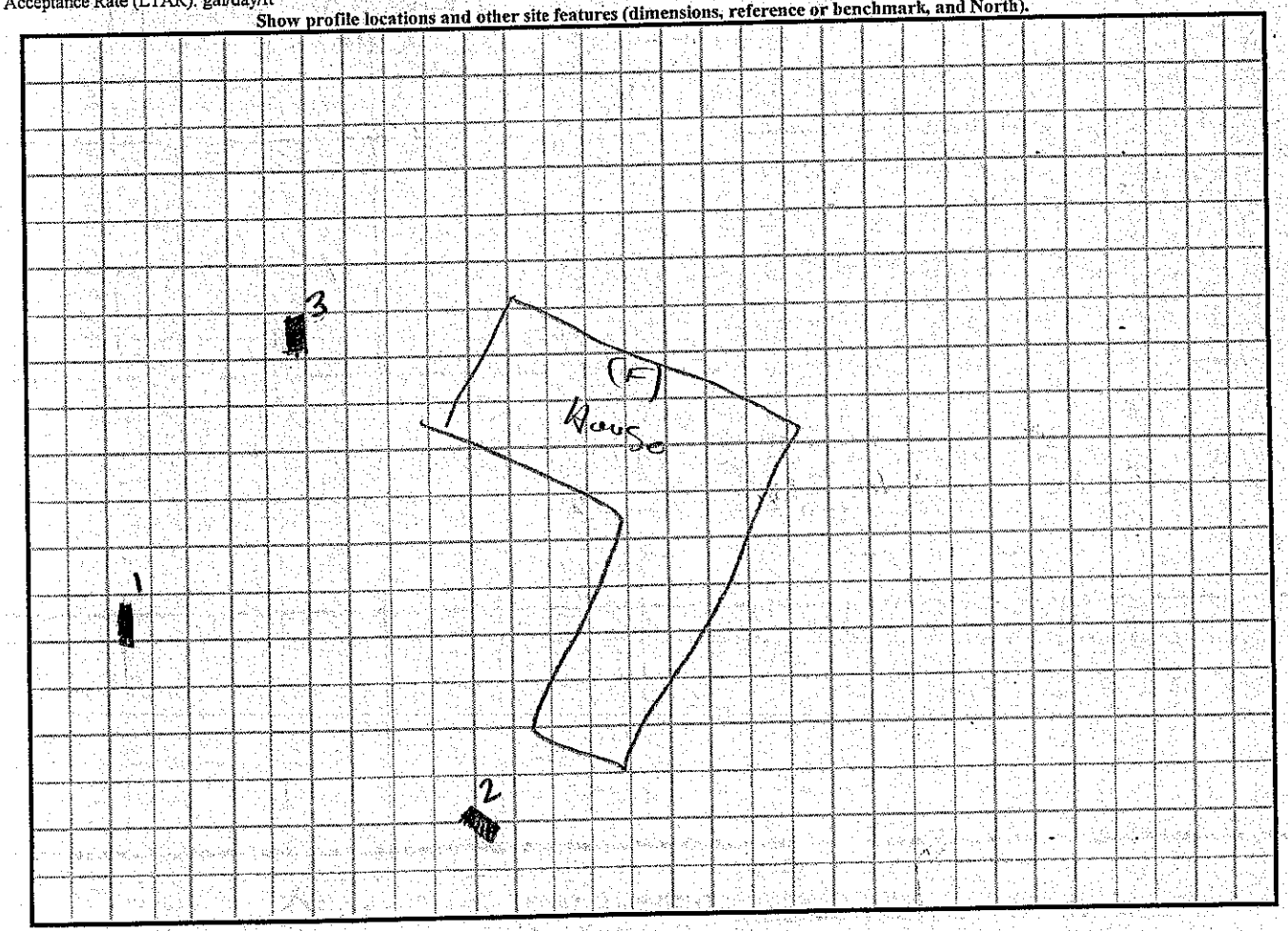
NOTES

HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
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SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

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



DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 2 of 2
PROPERTY ID #: 4703467880
COUNTY: Iredell

Lot 28

SOIL/SITE EVALUATION
***for* ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

OWNER: Abee's Clearing + Grading
ADDRESS: 2381 US Highway 64 W
PROPOSED FACILITY: 3BR SFD PROPOSED DESIGN FLOW (.1949): 360gpd
LOCATION OF SITE: 155 Atkins Ln.

APPLICATION DATE 4-10-14
DATE EVALUATED: 6-25-14
PROPERTY SIZE: 0.631
PROPERTY RECORDED: yes

WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other N/A
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	L	0-5 5-29	SL Gr C ABK Chroma 2's @ 12"	Fr Smeared SE Fi E	12"	12"	+29"	12"	US
2	L	0-4 4-24	SL Gr C M/ABK Chroma 2's @ 12"	Fr Smeared SE Fi mod E	12"	12"	+24"	12"	US
3	L	0-8 8-25 25-34	SL Gr C ABK PCS SAP Chroma = 2' @ 8"	Fr Smeared SE Fi	8"	25"	25" US	8"	US
4	L	0-9 9-27	SL SBK C ABK Chroma 2's @ 27"	Fr Fi					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): N/A
SITE CLASSIFICATION (.1948): US
EVALUATED BY: Justin Rhodes
OTHER(S) PRESENT:

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
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CV (Convex Slope)		LS (Loamy Sand)			EXP (Expansive)	M (Massive)
D (Drainage Way)						CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			MOIST	WET
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

NOTES

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DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

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

