S&ME, INC.
SITE/SOIL EVALUATION

Lee Howell

Project No. 1584-12-131 Phone No. _____ Date: 11-28-17

Location 107 Ellis Lane Pin _____ County: Iredell Property Size _____

Proposed Facility: 4 Bdr Water Supply: On-Site Well ☒ Evaluation: Auger Boring ☒

Described By: PGP – Reviewed by ICND Community ☐ Pit ☐

Weather: Sunny Antecedent Moisture _____ Public ☐ Cut ☐

Surface Water: LW

FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE 4
Landscape Position %	L-12%	L 12%	L 12%	L 12%
Horizon Depth I	0-16	0-6	0-10	
Color Munsell				
Texture				
Structure				
Consistence				
Boundary				
Horizon Depth II	16-39	6-24	10-37	
Color – Munsell				
Texture				
Mottles				
Structure				
Consistence				
Boundary	WAVY	WAVY		
Horizon Depth III	39-48	24-34	37-48	
Color – Munsell				
Texture				
Mottles				
Structure				
Consistence				
Boundary				
Horizon Depth IV		34-48		
Color – Munsell				
Texture				
Mottles				
Structure				
Consistence				
Boundary				
Soil Wetness				
Restrictive Horizon				
Saprolite	39+	34+	37+	39+
LTAR	3.4	3.4	3.3	3.3
Classification	PS	PS	PS	PS

LEGEND

LANDSCAPE POSITION

R	Ridge Interfluve
S	Shoulder
L	Linear Slope
S	Foot Slope
N	Nose Slope
H	Head Slope
Cc	Concave Slope
Cv	Convex Slope
T	Terrace
P	Flood Plain

TEXTURE

s	sand
ls	loamy sand
sl	sandy loam
l	loam
si	silt
sil	silt loam
sicl	silty clay loam
cl	clay loam
scl	sandy clay loam
sc	sandy clay
sic	silty clay
c	clay

CONSISTENCE WET

Ns	non-sticky
Ss	slightly sticky
S	sticky
Vs	very sticky

Np	non-plastic
Sp	slightly plastic
P	plastic
Vp	very plastic

MOIST

vfr	Very friable
fr	friable
fi	firm
vfi	Very firm

STRUCTURE

sg	single grain
m	massive
cr	crumb
gr	granular
sab	subangular blocky
ab	angular blocky
pl	platy
pr	prismatic

S&ME, INC.
SITE/SOIL EVALUATION

Project No. _____ **Phone No.** _____ **Date:** _____

Location _____ **Pin** _____ **County:** _____ **Property Size** _____

Proposed Facility: _____ **Water Supply:** **On-Site Well** ☐ **Community** ☐ **Public** ☐ **Evaluation:** **Auger Boring** ☐ **Pit** ☐ **Cut** ☐

Described By: _____

Weather: _____ **Antecedent Moisture** _____ **Surface Water:** _____

FACTORS	PROFILE 5	PROFILE	PROFILE	PROFILE
Landscape Position %	L hill			
Horizon Depth I	0-6			
Color Munsell				
Texture				
Structure				
Consistence				
Boundary				
Horizon Depth II	6-48			
Color – Munsell	10			
Texture				
Mottles	c/d			
Structure	m sbk			
Consistence	fr s/s p			
Boundary				
Horizon Depth III				
Color – Munsell				
Texture				
Mottles				
Structure				
Consistence				
Boundary				
Horizon Depth IV				
Color – Munsell				
Texture				
Mottles				
Structure				
Consistence				
Boundary				
Soil Wetness				
Restrictive Horizon				
Saprolite				
LTAR	.3-.35			
Classification				

LEGEND

LANDSCAPE POSITION

R	Ridge Interfluve
S	Shoulder
L	Linear Slope
FS	Foot Slope
N	Nose Slope
H	Head Slope
Cc	Concave Slope
Cv	Convex Slope
T	Terrace
P	Flood Plain

TEXTURE

s	sand
ls	loamy sand
sl	sandy loam
l	loam
si	silt
sil	silt loam
sicl	silty clay loam
cl	clay loam
scl	sandy clay loam
sc	sandy clay
sic	silty clay
c	clay

CONSISTENCE WET

Ns	non-sticky
Ss	slightly sticky
S	sticky
Vs	very sticky
Np	non-plastic
Sp	slightly plastic
P	plastic
Vp	very plastic

MOIST

vfr	Very friable
fr	friable
fi	firm
vfi	Very firm

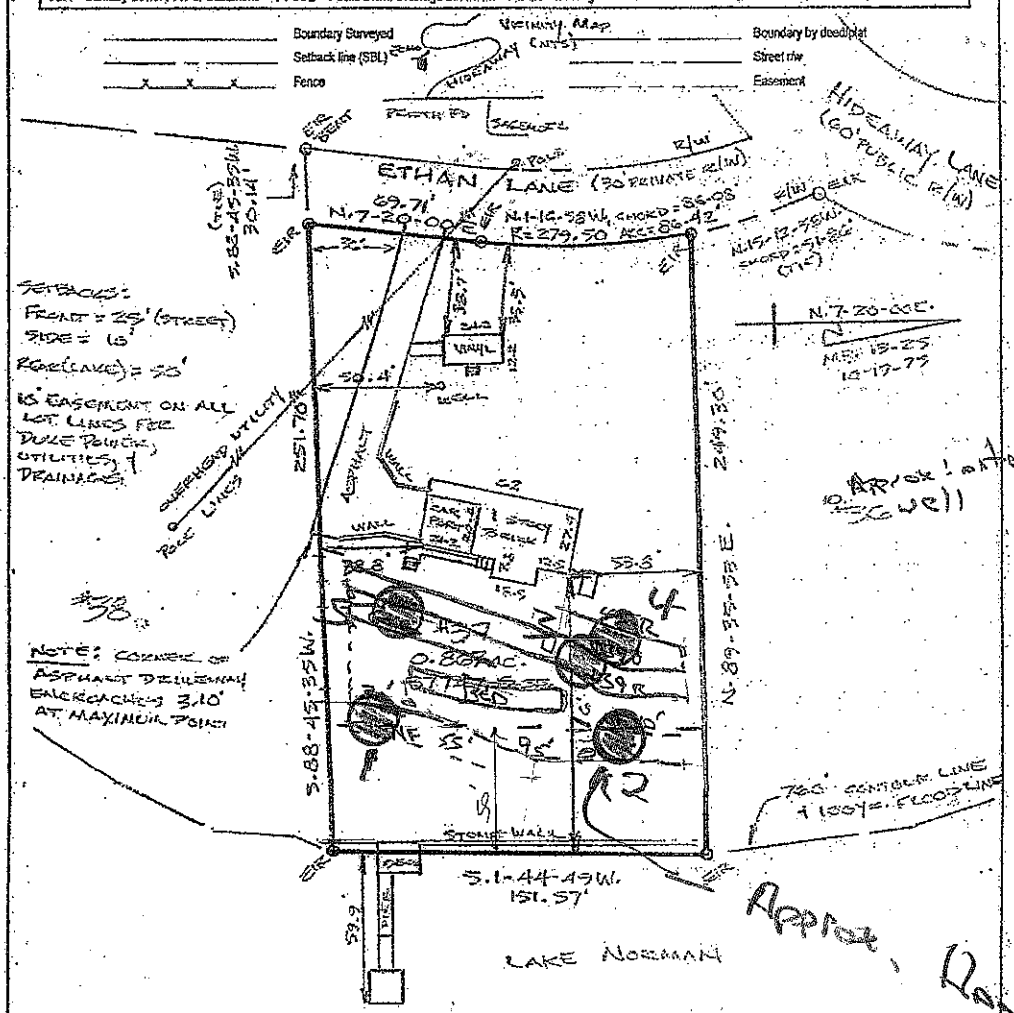
STRUCTURE

sg	single grain
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Property subject to recorded or unrecorded R/WS, easements, agreements, restrictions. The boundary description prepared from this survey is the surveyors opinion of the location of boundary lines of the property based on monuments found in field and is not to be construed as a certification of the quality of title or location of title to the property. A full title investigation is recommended.

Area by coordinates			
EIR = Existing 5/8" iron rod	EIP = Existing ____ iron pipe	EN = Existing Nail	ECM = Existing Concrete Monument
SIR = 1/2" iron rod set	CP = Computed Point	S.T. = Sight Triangle	OUL = Overhead Utility Lines
SSR = Sanitary Sewer R/W or Easement	PSDE = Public Storm Drainage Easement	EMH = Existing Manhole	

Boundary Surveyed — Boundary by deed/plat
Setback line (SBL) — Street r/w
Fence — Easement



PROPERTY OF

WYATT HOOVER

PHYSICAL SURVEY OF

LOT NO. 37 OF SECTION 14 OF CRESCENT LAND & TIMBER CORPORATION'S LAKE NORMAN RECREATION LOTS

LOCATED IN WARD NO. ____ CITY OF _____ ~~NO.~~ DAVIDSON TOWNSHIP: IRDELL COUNTY, NC

Scale 1" = 50'

I certify that this map was drawn under my supervision from an actual survey made under my supervision (Deed Recorded in Book 594 Page 570, Map Recorded in Map Book 13 Page 25; that the boundaries not surveyed are indicated as drawn from information in Deeds or Maps shown hereon; that the ratio of precision does not exceed an error of closure of one foot per 10,000 feet; and that this map meets the requirements of The Standards of Practice for Land Surveying in North Carolina (21NCAC 56.1600).

This 28 day of NOV, 2012.

Billy B. Long, Jr. Professional Land Surveyor - L4178

Property shown does/~~does not~~ lie in a flood hazard zone

Reference by FIRM No: 3710463200J

Effective date: 3-18-13

BILLY B. LONG, JR. • PLS-L4178 • 1515 OLD HARMONY DRIVE, NW • CONCORD, NC 28027

Scale 1" = 50' 11-29-12