



September 16, 2019

Brock Fletcher
3490 Belle Chase Way
Lansing, MI 48911

**RE: Vacant Land Evaluation In Alaiedon Township, Section 1, Meridian and Button Rd.,
Application 08-26-19-216, Parcel #33-06-06-01-200-004**

Dear Mr. Fletcher:

On September 9, 2019, a site evaluation was conducted at the above mentioned parcel to determine the soils conditions for a new on-site sewage treatment system. The soil evaluation was done in anticipation of the potential split of the property. The results of the evaluation are enclosed in this letter.

Six soil borings were made on the lot to determine if the area is suitable for a conventional onsite wastewater treatment system. Soil boring 3, 4, 5, and 6 did pass the minimum requirements for a conventional on-site system. Soils in those areas consisted of a loamy sand with evidence of seasonal high water table at 60 inches. BH 1 and 2 did not pass the minimum requirements for a conventional on-site system. Any system in the area of BH 1 and 2 is required to be engineered. Soils in those areas consisted of loamy sand to silty loam with evidence of seasonal high water table at 38 inches. Your site is also approved for a potable water well. The well must be drilled according to Part 127 Michigan Water Well Construction and must be drilled by a licensed well driller. **Before a permit can be issued, the application for the combined well and septic permit, the submitted house site plan, with the appropriate fees, must be approved by our office.**

In closing, you are reminded to keep equipment off the area that was determined to be suitable for sewage disposal system. Protecting the natural condition of the soils is very important to the future operation of your system. If you have any questions or concerns, contact our office at (517) 887-4312.

Sincerely,

Meredith Gregory, REHS
Sanitarian II
Ingham County Environmental Health

MG/jd
Cc: Alaiedon Township
Enclosure

Environmental Health

SOIL EVALUATION DATA SHEET

Ingham County Health Department

5303 S. Cedar

P.O. Box 30161

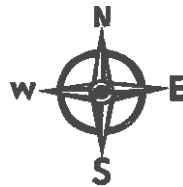
Lansing, MI 48909

517-887-4312

THIS RECORD SHALL NOT CONSTITUTE A PERMIT

Application # 08-26-19-216 Township: Albion
Section: 1 Road Location: Mendon & Button Rd.
Subdivision: M+B Lot # - Side of Road: N
Parcel # 33- 06-06-01-200-004 Parcel Size: 49.50 Potential Splits: 3

Plot Plan



See attached map
for BH locations

Test #	1	2	3
Type of Test	BH	BH	BH
Depth	48"	72"	72"
Top Soil Texture	0-11"-LS TS	0-11"-LS TS	0-14"-LS TS
Layer 1	11-24"-LS w/ gravel (NMT)	11-28"-LS w/ gravel (NMT)	14-48"-fLS/LS (NMT)
Layer 2	24-38"-SL/SCL (NMT)	28-40"-SL/SCL (NMT)	48-60"-LS w/ gravel + Stones (NMT)
Layer 3	38-48"-SiL (MT)	40-72"-LS (MT)	60-72"-LS w/ gravel (MT), Saturated
Layer 4			
Layer 5			
Water level			WL @ 72"
Test #	4	5	6
Type of Test	BH	BH	BH
Depth	72"	72"	72"
Top Soil Texture	0-14"-LS TS	0-14"-LS TS	0-12"-LS TS
Layer 1	14-60"-LS (NMT)	14-60"-LS (NMT)	12-60"-LS (NMT)
Layer 2	60-72"-LS w/ gravel (MT), Saturated.	60-72"-LS (MT) Saturated;	60-72"-LS (MT) Saturated.
Layer 3			
Layer 4			
Layer 5			
Water level			

Soil Texture Key

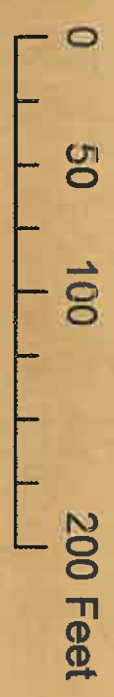
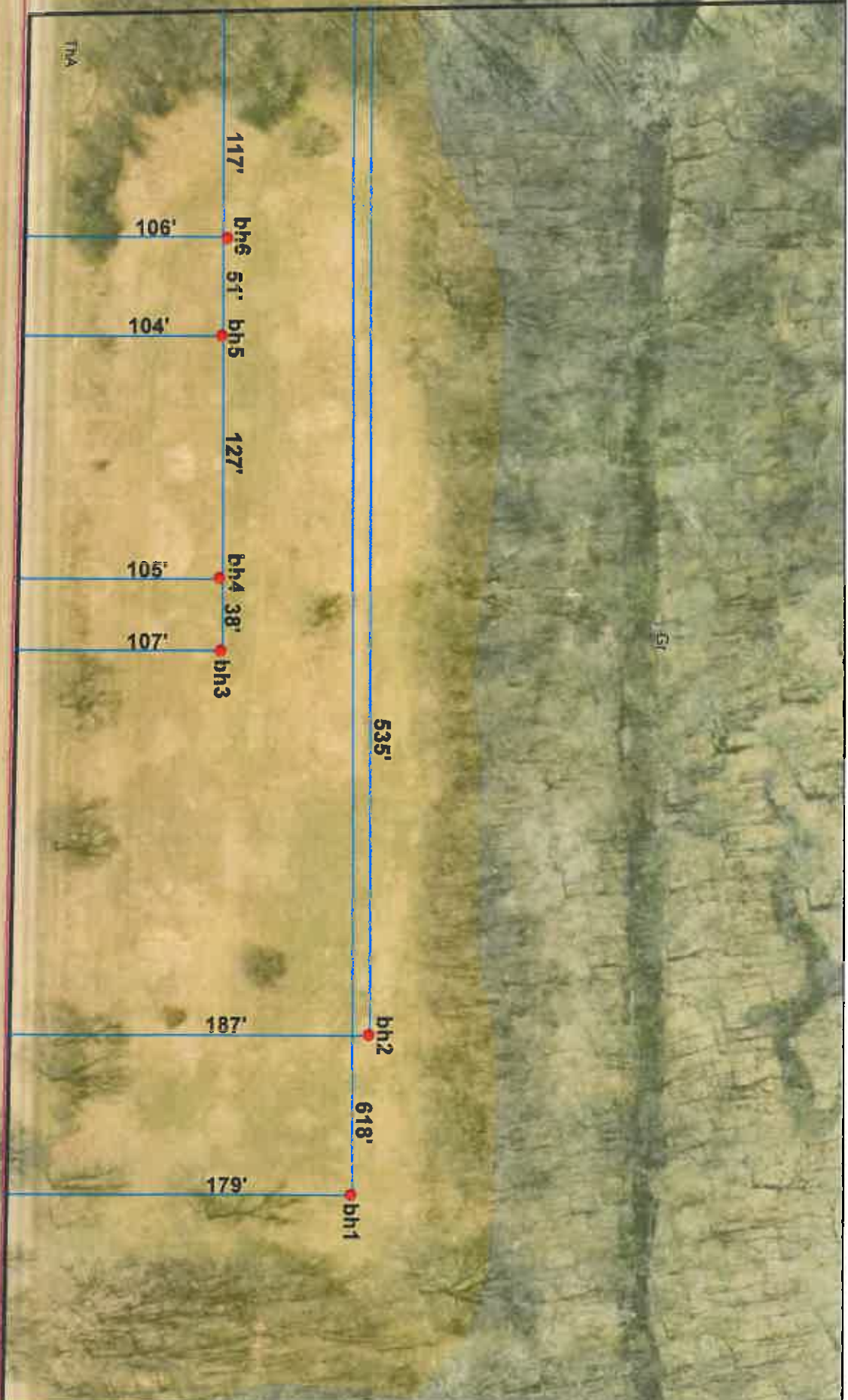
S	Sand	SCL	Sandy Clay Loam	B	Hand Auger Boring
LS	Loamy Sand	SiCL	Silty Clay Loam	BH	Backhoe Cut
SL	Sandy Loam	CL	Clay Loam	TS	Top Soil
L	Loam	C	Clay	MT	Mottling (Seasonal High Water)
SiL	Silty Loam	M	Muck	NMT	No Observed High Water Level
				WL	Water Level Observed

Conventional: ☒ Engineered: ☒ Denied: ☐

Comments: An engineered field is required in the area of B 1 & 2. A conventional field can be utilized in the area of B 3, 4, 5, & 6.

Sanitarian: Meredith Gregory

Date: 9/11/19



Alaiedon Twp., Sec. 1
Meridian & Button Road
33-06-06-01-200-004
September 13, 2019