

Beck, Taylor, & Beshara, Inc.
P.O. box 639, Braselton, GA 30517
Phone: 706/367-3850

County: Hall	Date: 4/30/20
Client: Will Edwards	
Site Location Address: Portion of property at 2791 Pierce Road	
Phone Number: 678/859-0462	Lot Number(s):
Subdivision:	
Scale: 1" = 80'	
Intensity Level of Investigation: Level III	

Soil Properties

Soil Series <i>See Suitability Codes</i>	Slope % <i>Ranges Of the Soil Type</i>	Depth To Bedrock (inches)	Depth to Seasonal High H ₂ O Table (inches)	Expected Perc Rate At Recommended Trench Depth (min/in)	Recommended Trench Depth (inches)	Suitability Code (listed below)
Madison Series	6 - 15	>72	>72	50	40/36-48	A
Louisburg Series	20 - 25	>72	>72	50	45/36-48	A
Louisburg Series	40 - 45	>72	>72	50	45/36-45	A*
Appling Series	6 - 10	>72	>72	55	36/32-44	A

SUITABILITY CODE DESCRIPTIONS

A – Soil should be suitable for installation of an on site system with proper design, installation & maintenance.

* Slope range for these soils exceeds 25%. Trench depth recommended above in Louisburg 40-45% is for system installed without bench. If bench is installed, recommended trench depth is 28"/18-29".

FIELD NOTES

We were asked to perform a Level III soil investigation covering a portion of the property. We calculated the effective total boring depth for Louisburg 40-45% soils and calculated trench depths as if one were to install a 7' bench due to the slope. Due to somewhat limited area west of the drive, an additional boring was installed south of the drive to provide additional area. Four borings were installed in the study areas covering approximately 32,000 sq. ft. Four borings in an area this size meets Level III boring density requirements.

The recommended depths and perc rates are based on current surface elevations. If surface elevation is significantly altered, the depths and/or rates would have to be adjusted and/or the recommendations herein may not be valid.



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Level: <u>IV</u>	Soil Survey For: <u>Will Edwards</u>
Site Location Information: <u>Portion of property at 2791 Pierce Road</u>	
Subdivision: <u>N/A</u>	
Date of Soil Survey: <u>4/30/20</u>	Lot Number: <u>N/A</u>

MAP LEGEND

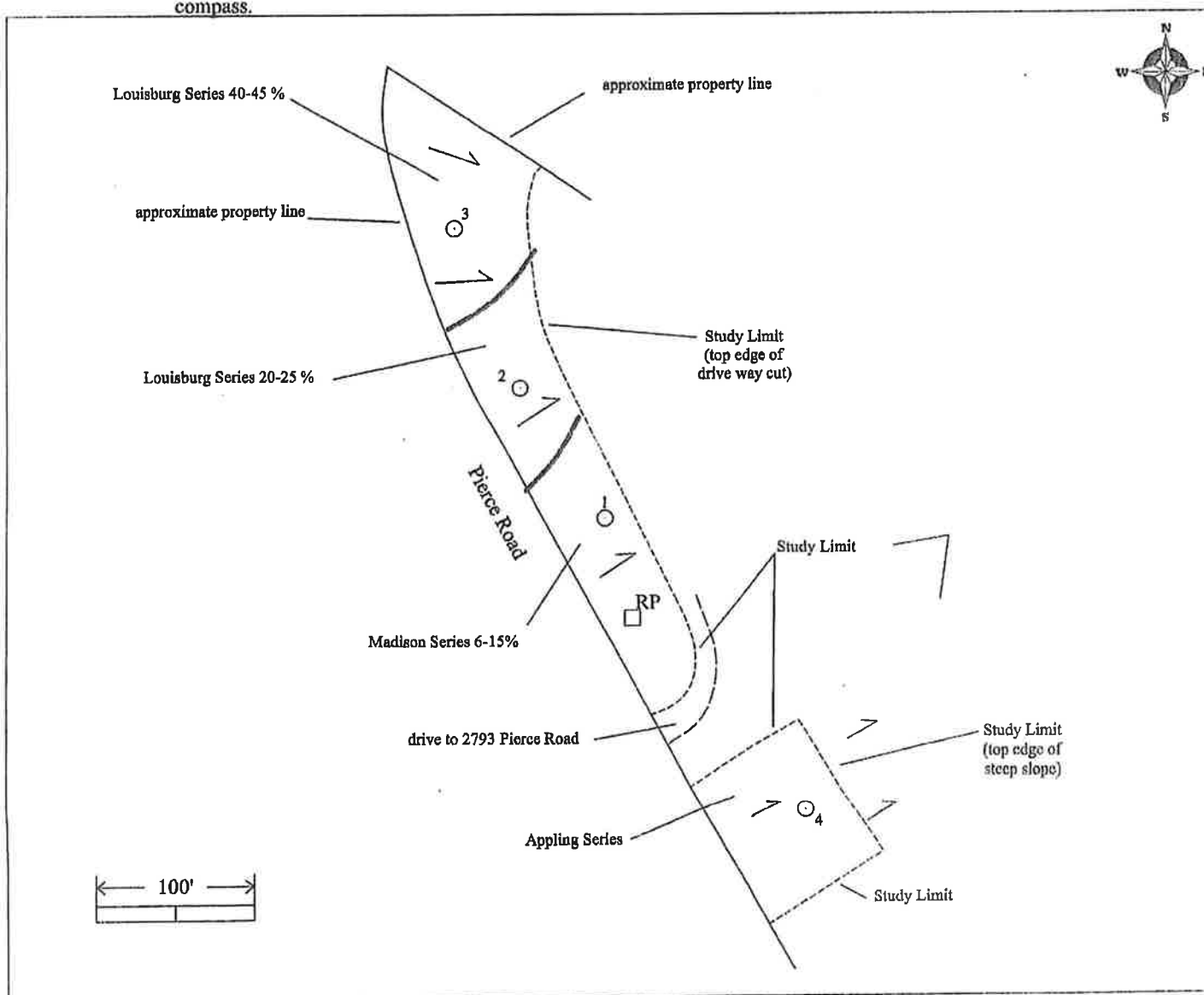
Drainage Runs All Year: _____	Water Well: _____
Drainage Runs Part of Year: _____	Spring: _____
Gully and Rainy Weather Drainage Way: _____	Reference Point: <input type="checkbox"/>
(unsuitable for septic systems) <u>~~~~~</u>	Soil Type <u>~~~~~</u>
Slope (direction falling): <u>~~~~~</u>	Boundary: <u>~~~~~</u>
Boring Refused @ <72": <u>X</u>	Scale: <u>1" = 100'</u>
Successful Boring: <u>○</u>	

W. T. Taylor, Jr.

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Notes:

The power pole north northeast of the entrance of the drive to 2793 Pierce Road was used as a reference point (RP). Soil test pit locations are marked on the site by labelled survey flags and are referenced to the RP as shown on the map. Location measurements were made using a hip chain and compass.



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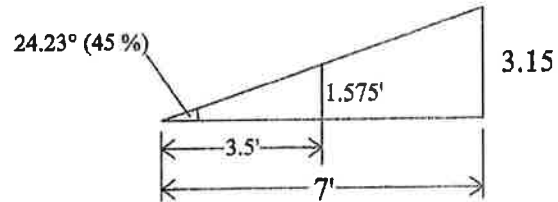
Level: <u>Level III</u>	Soil Survey For: <u>Will Edwards</u>
Site Location Information: <u>Portion of property at 2791 Pierce Road</u>	
Subdivision: _____	
Date of Soil Survey: <u>4/30/20</u>	Lot Number: _____

louisburg Series 40-45%: Calculations regarding effective boring depth (assuming a 7' bench).

% slope = rise/run
45 % = 0.45

.45 = rise/3.5
rise = 3.5 * .45
rise (middle of bench) = 1.575' = 18.9"

boring depth = 72"
effective boring depth = 72 - 18.9 = 53.1"
installation depth (with 7' bench) = 28"/18-29
Recommended installation depth without bench = 45"/36-48



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