EXISTING SYSTEM INSPECTION

1709 Brawley School Road
Mooresville, North Carolina
Section II, Lot 239 – The Point

Prepared For:

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June 20, 2016

APPROVED JUN 27 2016

LICENSED SOIL SCIENTIST
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1287
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INTRODUCTION

This Existing System Inspection was performed on Lot 239 of Section II in The Point subdivision; 1709 Brawley School Road, Mooresville, North Carolina (Iredell County Tax Parcel Number: 4625-99-2005). Thompson Environmental Consulting, Inc. (TEC) was retained to determine whether a proposed 144 square foot porch addition would be in conflict with existing septic system components. The property was evaluated in accordance with North Carolina statutes for waste disposal ("Laws and Rules for Sewage Treatment and Disposal Systems", amended October 2011).

FINDINGS

A field survey was conducted on June 20, 2016, by Larry Thompson, LSS. The septic tank, pump tank, gate valve box and drainlines were located and flagged with multi-colored metal stemmed pin flags. Orange flags were used to delineate the septic and pump tanks as well as the gate valve box. Alternating blue and pink flags were used to delineate the individual drainlines. Property corners are marked with stakes and/or pins and orange flagging tape.

The septic system details closely match those depicted in the Improvement (Permit Number 122323) issued in July of 2005. The permit issued was for a 1,000-gallon septic tank, 1,000-gallon pump tank, gate valve box and seven low-pressure dosed prefabricated porous block panel drainlines, each fifty feet in length for a total of 350 linear feet of drainline.

DISCUSSION

The proposed 144 square foot porch addition is located at the back of the existing residence and is marked with stakes and twine. The proposed addition is approximately 30 feet from the septic tank which is located on the left side of the hone and is the closest component of the system to the project area.

The proposed addition as well as the existing septic system are depicted in Figure 1.

CONCLUSION

The proposed rear porch addition meets all required setbacks to the existing septic system and will not interfere with the proper operation of said system in anyway.

The findings presented herein represent TEC's professional opinion based upon an inspection of the existing septic system and knowledge of the current laws and rules governing on-site wastewater systems in North Carolina.

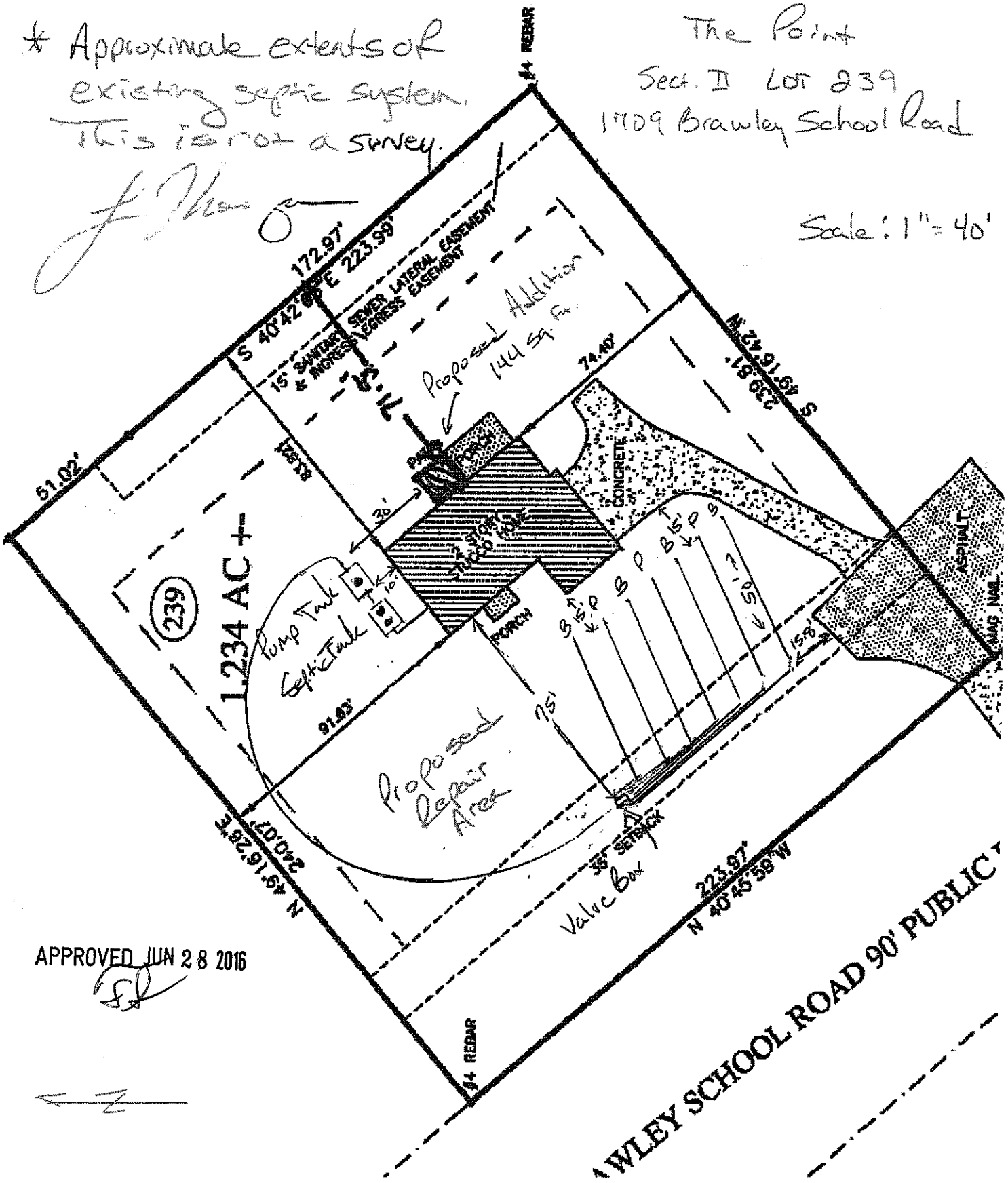
This report does not guarantee or represent approval or issuance of a building permit, which can only be authorized by Iredell County.

APPROVED JUN 28 2016

* Approximate extents of existing septic system. This is not a survey.

The Point
Sect. II Lot 239
1709 Brawley School Road

Scale: 1" = 40'



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