ICHD

Penninger Soil Consulting
595 JM Penninger Road
Lexington, NC 27292
Ph: 704-996-6330 Email: pgpenninger@gmail.com

June 17, 2015

Rudy and Cassandra Dipietro
58 Stroundwater Place
Westbrook, Maine 04092

Reference: **Technical Assistance with Fast Track Septic Permitting**
ICHD Existing System Inspection and Future Pool Approval
127 Bayberry Creek Circle
The Farms Lot 443 – 1.043 Acres
Iredell County, North Carolina
Project No. 15-103

Dear Mr. and Ms. Dipietro:

Penninger Soil Consulting has provided technical assistance to obtain approval for a possible future pool and a four bedroom septic Existing System Inspection from the Iredell County Health Department (ICHD) for the referenced lot. The technical assistance was performed in general accordance with our written proposal dated June 7, 2015.

The site has an existing home and 4-bedroom gravity, 25 Percent Reduction septic system that was installed and approved by the ICHD on May 8, 2007. You are purchasing the home and want to verify a future pool can be constructed without impacting the existing septic system or the T&J Panel repair area.

Mr. Paul Penninger met Ms. Dipietro, Ms. Candi Schuerger, your realtor, and Carolina Pools and Spas on the lot on June 5, 2015 to discuss the project and the proposed pool location. Mr. Penninger flagged the existing septic tank and drainfield on June 5, 2015. Carolina Pools painted the proposed pool on the ground as approximately shown on the attached site plan, more than 15 feet from the existing septic tank and drainfield. Mr. Penninger flagged the repair area on June 9, 2015. Your surveyor located the flagged existing septic system and repair area as shown on the attached site plan.

The site field flagging and the attached site plan show the proposed pool can be constructed to maintain the 15 foot setback to the existing system and the permitted repair area. The decking of the pool can be placed closer than 15 feet to the existing system and the repair area. The fire pit at the repair area may have to be relocated if the septic system repair has to be installed.

The existing system and repair are should be reflagged prior to pool construction to verify the required setbacks are met. The existing system and repair area should be fenced off for protection during pool construction. There shall not be cuts of 2 feet or greater within 15 feet of any part of the permitted septic system.

The attached information is not an Improvement Permit or Authorization to Construct, and is only to assist you with the ICHD Fast Track existing system inspection and future pool site evaluation. The ICHD must approve each lot and only the ICHD can issue these permits. The ICHD should verify all soils and system specifications and required setbacks before permitting and/or septic system installation. System layouts are done based on interpretations of the rules governing wastewater treatment and disposal systems and are not guarantees for site approval or future septic system performance. No soil evaluation was performed for this permit submittal and no evaluation of the existing system performance was performed.

If you have any questions or require additional information please contact us at your convenience.

Sincerely,

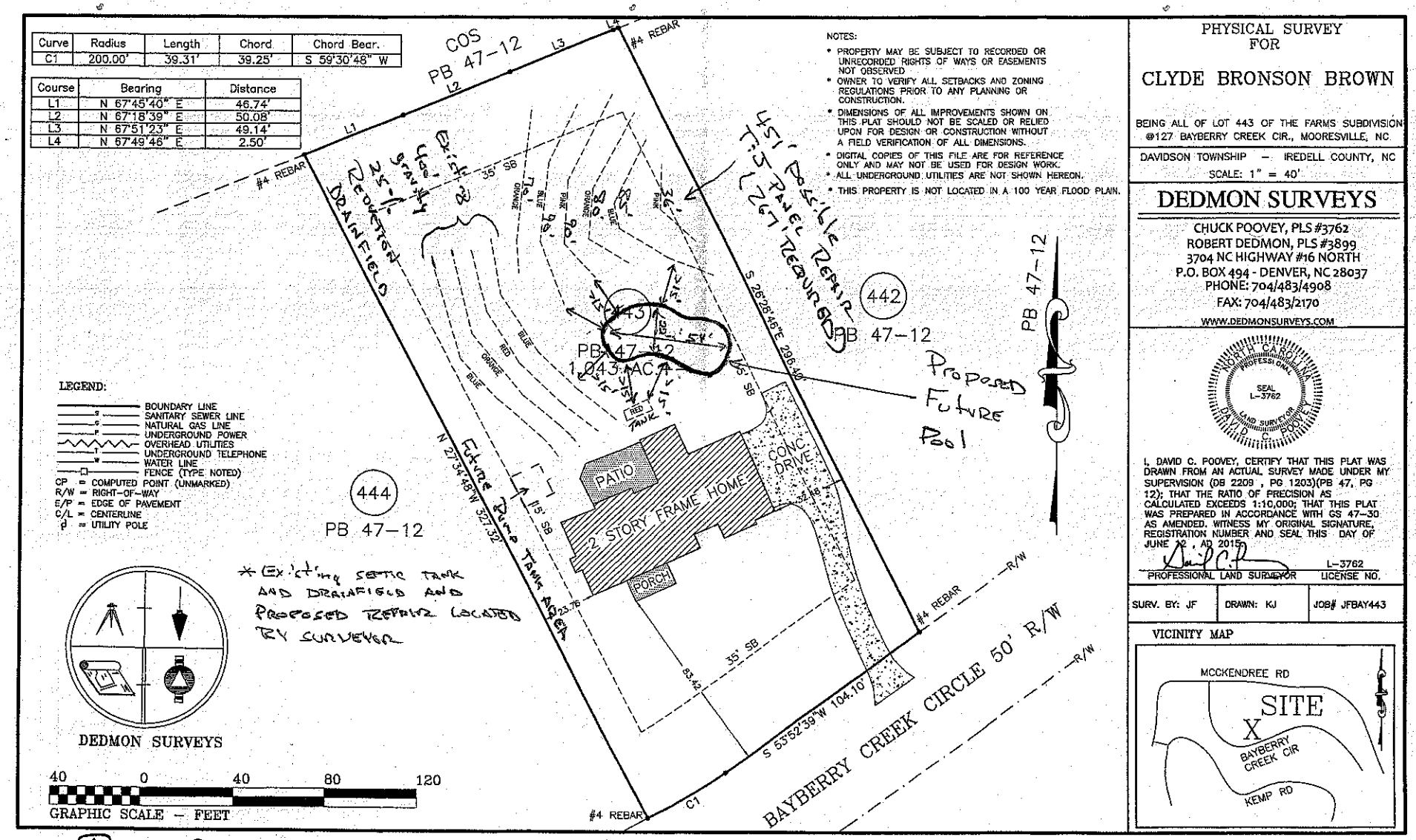
Penninger Soil Consulting

Paul G. Penninger, L.S.S.
Soil Scientist

Attachments:

1. ICHD Existing System Permit Application and Zoning Permit
2. Site Plan, System Specifications, and 2007 ICHD Operation Permit

C:\Users\Paul G. Penninger\Documents\2015 Projects\15-103 Rudy Dipietro - 127 Bayberry Creek Circle\15-103 Rudy Dipietro Pool Approval Fast Track Summary Letter.doc



Rudy DiPietro Existing System Check For Future Pool 6-17-15
The Farms Lot 443 - 127 Bayberry Cir.

Rudy Dipietro - 127 Bayberry Existing Systsem Check
The Farms Lot 443 6/17/2015

Number of Bedrooms	4
Basement or Crawl	**Crawl**
Design Flow (gpd)	480
LTAR (gpd/ft2)	0.3 per ICHD permit
Primary System Type	**Gravity 25% Reduction installed 2007**
No. Lines	4 at 100 ft
Total Linear Feet	400 ft
Repair System	**T&J Panel per ICHD Permit**
Total Linear Feet	451 ft shown on site plan - 267 ft. required
Repair LTAR (gpd/sqft)	0.3