

# **SOIL & WETLAND SCIENCE, LLC**

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**SOIL INVESTIGATION REPORT  
5 TIFFANY LANE  
WESTON, CONNECTICUT  
APRIL 11, 2018**

I conducted an on-site investigation of the soils on the residential property located at 5 Tiffany Lane in Weston, Connecticut on April 11, 2018. The examination for wetland soils was conducted in the field by inspection of approximately 160 soil samples taken with spade and auger.

Inland wetlands in Connecticut are lands, including submerged lands, which consist of any of the soil types designated as poorly drained, very poorly drained, alluvial, and floodplain by the National Cooperative Soils Survey. Watercourses include rivers, streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs and all other bodies of water, natural or artificial, vernal or intermittent. Intermittent watercourses are to be delineated by a defined permanent channel and bank and the occurrence of two or more of the following characteristics: (A) evidence of scour or deposits of recent alluvium or detritus, (B) the presence of standing or flowing water for a duration longer than a particular storm incident, and (C) the presence of hydrophytic vegetation.

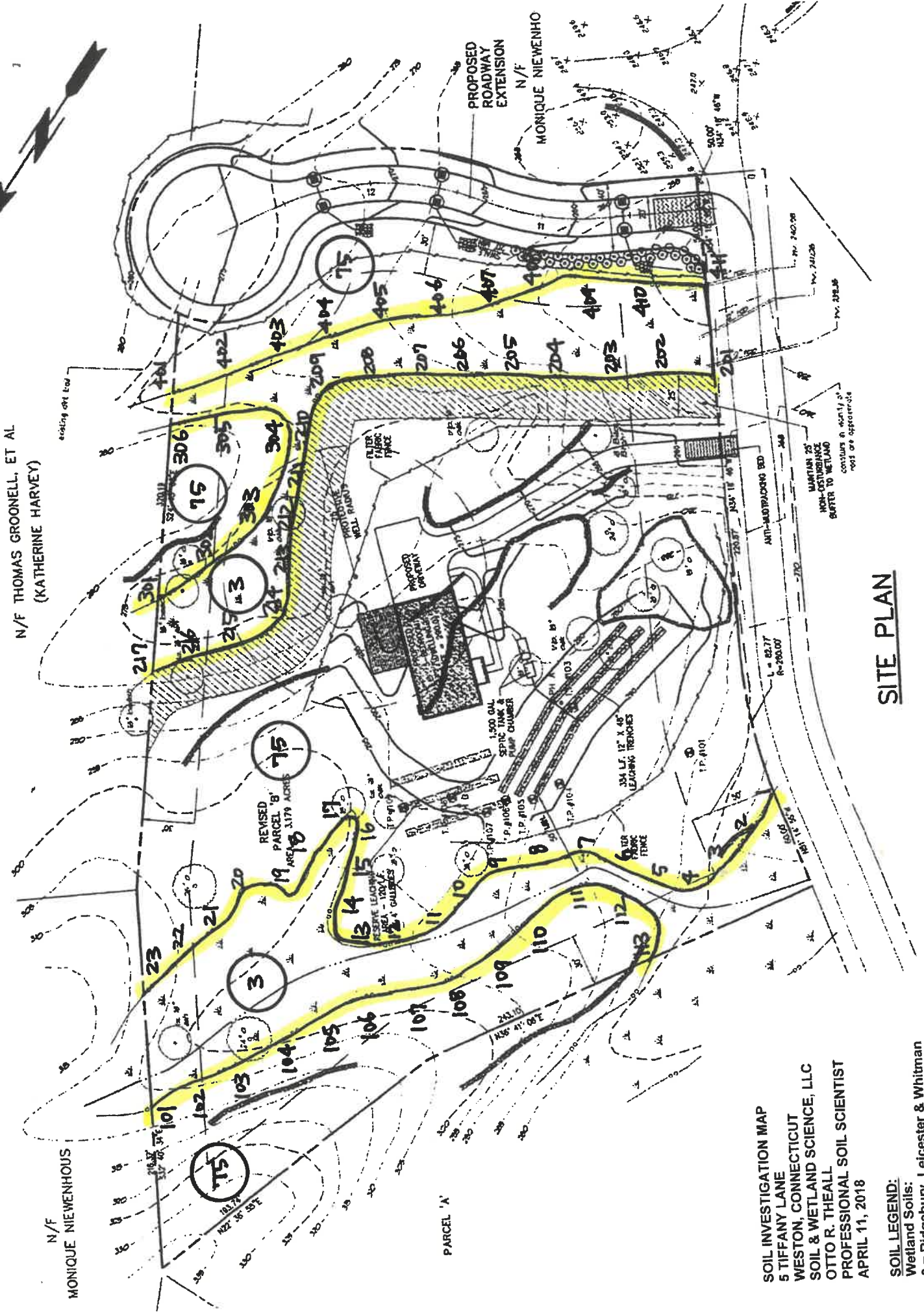
The wetland line was marked in the field with orange flags numbered 1 through 23, 101 through 113, 201 through 217, 301 through 306 and 401 through 411. The wetland defined by flags 1 through 23 and 101 through 113 contains an intermittent watercourse. The wetland soils consist of Ridgebury, Leicester and Whitman soils, extremely stony (3). The non-wetland soils consist of Hollis-Chatfield-Rock outcrop complex (73). The soil map units contain inclusions of other soil types. The results of this investigation are subject to change until they are accepted by Weston Conservation Commission.

Respectfully submitted:



Otto R. Theall  
Professional Soil Scientist

N/F THOMAS GROONELL, ET AL  
(KATHERINE HARVEY)



**SITE PLAN**

SOIL INVESTIGATION MAP  
5 TIFFANY LANE  
WESTON, CONNECTICUT  
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SOIL LEGEND:  
Wetland Soils:  
3 = Ridgebury, Leicester & Whitman  
Non-wetland Soils:  
75 = Hollis-Chattfield-Rock outcrop