

SOIL & WETLAND SCIENCE, LLC

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SOIL INVESTIGATION REPORT

5 VINEYARD LANE

WESTPORT, CONNECTICUT

MARCH 28, 2013

I conducted an on-site investigation of the soils on the residential property that is located at 5 Vineyard Lane in Westport, Connecticut on March 28, 2013. The examination for inland wetland soils was conducted in the field by inspection of approximately 50 soil samples taken with spade and auger.

The definitions of wetlands and watercourses used in this investigation are as follows. Inland wetlands in Connecticut, according to Connecticut General Statutes, 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 of the Natural Resources Conservation Service. 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 9. The wetland soils consist of Walpole sandy loam (3), some of which is under a shallow fill. The non-wetland soils on the property consist of Udorthents-Urban land complex (306). The soil map units contain inclusions of other soil types. The results of this investigation are subject to change until they are accepted by the Westport Conservation Department.

Respectfully submitted:



Otto R. Theall
Professional Soil Scientist

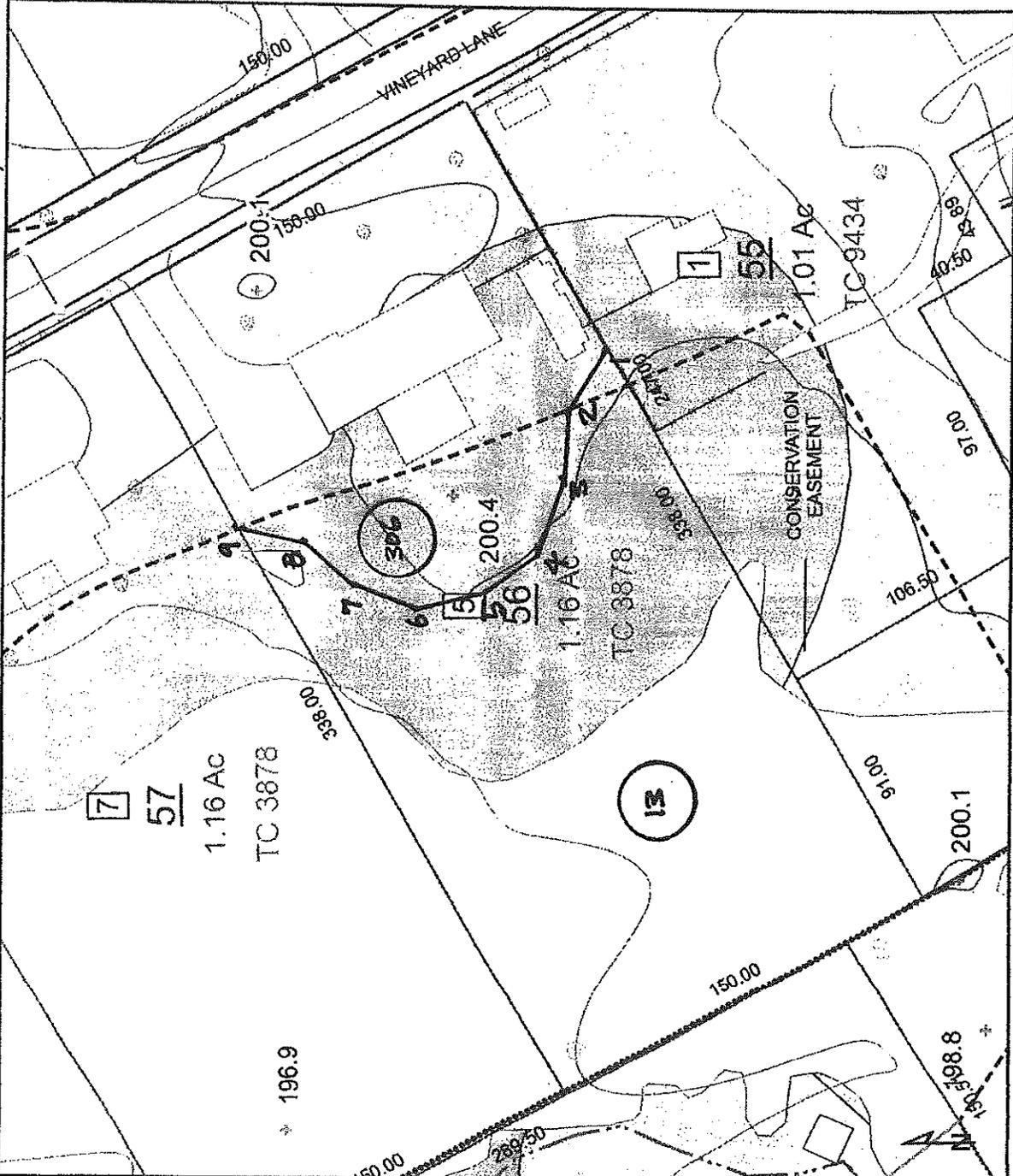
5 VINEYARD LANE, WESTPORT, CT

Westport CT Web GIS Map Legend

- | | |
|---|---|
| <ul style="list-style-type: none"> --- 200.00 --- 150.00 --- 100.00 --- 50.00 --- 0.00 --- 50.00 --- 100.00 --- 150.00 --- 200.00 --- 250.00 --- 300.00 --- 350.00 --- 400.00 --- 450.00 --- 500.00 --- 550.00 --- 600.00 --- 650.00 --- 700.00 --- 750.00 --- 800.00 --- 850.00 --- 900.00 --- 950.00 --- 1000.00 | <ul style="list-style-type: none"> --- 200.00 --- 150.00 --- 100.00 --- 50.00 --- 0.00 --- 50.00 --- 100.00 --- 150.00 --- 200.00 --- 250.00 --- 300.00 --- 350.00 --- 400.00 --- 450.00 --- 500.00 --- 550.00 --- 600.00 --- 650.00 --- 700.00 --- 750.00 --- 800.00 --- 850.00 --- 900.00 --- 950.00 --- 1000.00 |
|---|---|

SOIL SURVEY MAP
 5 VINEYARD LANE
 WESTPORT, CONNECTICUT
 SOIL & WETLAND SCIENCE, LLC
 OTTO R. THEALL
 PROFESSIONAL SOIL SCIENTIST
 MARCH 25, 2013

SOIL LEGEND:
 Wetland Soils:
 13 = Waipole sandy loam
 Non-wetland Soils:
 306 = Udorthents-Urban land complex



1 inch = 60 feet

Westport and its mapping contractors assume no legal responsibility for the information contained herein.

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July 7, 2020

Colin Kelly
Conservation Analyst
Westport Conservation Department
110 Myrtle Avenue, Room 205
Westport, CT 06880

RE: 5 Vineyard Lane, Westport, CT

Dear Colin,

I have reviewed the map entitled "Plot Plan Prepared for Robert H. Steinmetz & Lorraine J. Steinmetz, 5 Vineyard Lane, Westport, Connecticut" by Leonard Surveyors LLC, dated July 10, 2013. The wetland boundary as depicted on the map is accurate.

Respectfully submitted:



Otto R. Theall
Professional Soil Scientist