

Soil Resource Consultants

P.O. Box 752

Meriden, CT 06450

August 16, 2022

SRC Job No. 21-28

Alan Bongiovanni
The Bongiovanni Group, Inc.
170 Pane Road, 2nd Floor
Newington, CT 06111

Dear Mr. Bongiovanni:

Re: Wetland Delineation - 347, 349 & 389 Marion Avenue & Pine Street - Southington, CT

At your request, I have completed an onsite investigation of this site. The purpose of my investigation was to identify and delineate the onsite inland wetlands and watercourse boundaries. The field work was completed on May 24, 2021.

The wetland and watercourse boundaries were marked with blue plastic flagging numbered **WF -1** through **WF-29**. Please refer to the enclosed sketch for the approximate location of the inland wetland and watercourse boundaries and selected wetland flag numbers. The sketch is not drawn to scale but is a field drawn representation of wetland and watercourse configurations. Flag numbers at property lines and other readily identifiable landmarks can be used to locate wetland lines in the field.

The wetland soil map prepared for this site is a refinement of data found in the **Soil Survey of Hartford County**. Each map unit is composed of a unique combination of soils. Areas with the same symbol have a similar soil composition.

The map units described below are based on data collected at this particular site. Soil surveys in Connecticut were originally conducted for primarily agricultural purposes and do not provide site specific information. The minimum area delineated on a soil survey map sheet is approximately 2-3 acres in size. For this reason there may be some differences between the following information and that published in the Soil Survey.

INLAND WETLAND SOILS

The identification of inland wetland areas on this site is based on my field observations of test borings and the guidelines of the **National Cooperative Soil Survey Program**. Test borings were done using a shovel and or hand auger.

In Connecticut inland wetland soil categories include poorly drained soils, very poorly drained soils, alluvial and flood plain soils.

Wa (13)

The **Wa** map unit is composed primarily of Walpole soils on 0 to 3 percent slopes. These soils are very deep and poorly drained. They formed in glacial outwash materials. Typically Walpole soils have fine sandy loam topsoil and subsoil layers overlying a substratum of stratified sand and gravel.

NON-WETLAND SOILS

The non-wetland soils were not studied or mapped in enough detail to provide approximate boundaries. Some observations were made of these soils during the process of identifying the inland wetland areas. Random soil boring locations were flagged with pink & black stripped plastic ribbon. The following map unit descriptions do not constitute a detailed soil investigation of these upland areas, but may be used as a guide in site planning.

Pn (35)

The **Pn** map unit consists primarily of Penwood soils on 3 to 8 percent slopes. These soils are very deep, excessively drained soils which formed in coarse textured glacial outwash. Typically Penwood soils have loamy sand and sand textures to a depth of 60 inches or more.

Ud (306)

The **Ud** map unit consists of moderately well to well drained disturbed soils. It is composed of filled areas and areas consisting of both cut and fill. Soils in this map unit have been disturbed by previous excavation and grading activities associated with the existing altered and developed portions of this site.

Classification into natural soil units is impossible. This map unit is referred to taxonomically as Udorthents. Original diagnostic soil horizons are not present. Soils in this map unit have a wide range of characteristics. Textures are predominantly gravelly fine sandy loams. Permeability can be variable due to the lack of soil profile structure caused by the grading activities.

If you have any questions regarding this report, or need additional assistance with this site, please contact me. Environmental planning and wetland impact evaluation services are also available upon request. I am available to attend Inland Wetland Commission meetings and site walks.

Sincerely,



David H. Lord
Certified Soil Scientist
& Environmental Consultant

cc: LePage Builders

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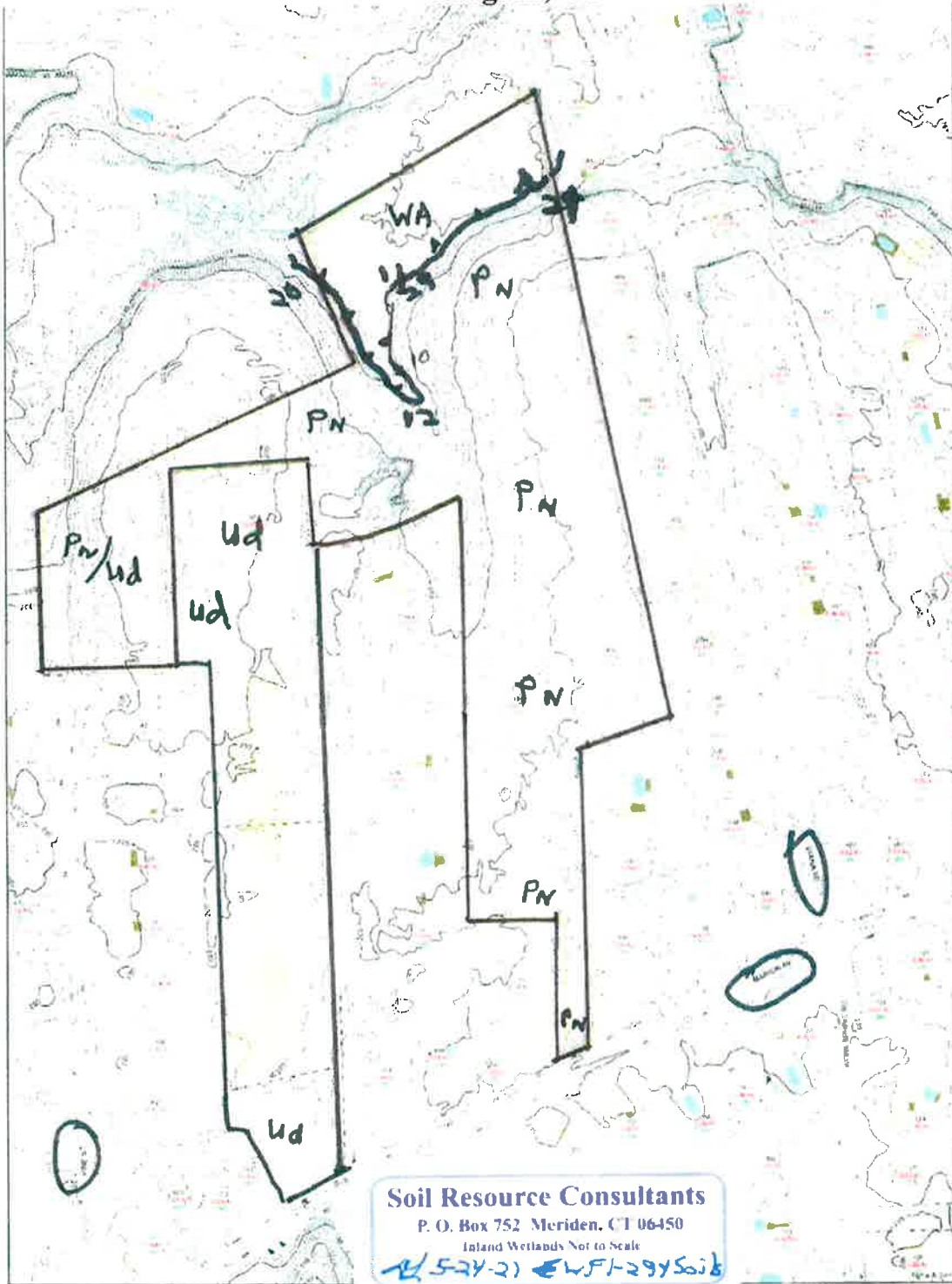
Sincerely,



David H. Lord
Certified Soil Scientist
& Environmental Consultant

cc: LePage Builders

347, 349 & 389 Marion Avenue
Southington, CT

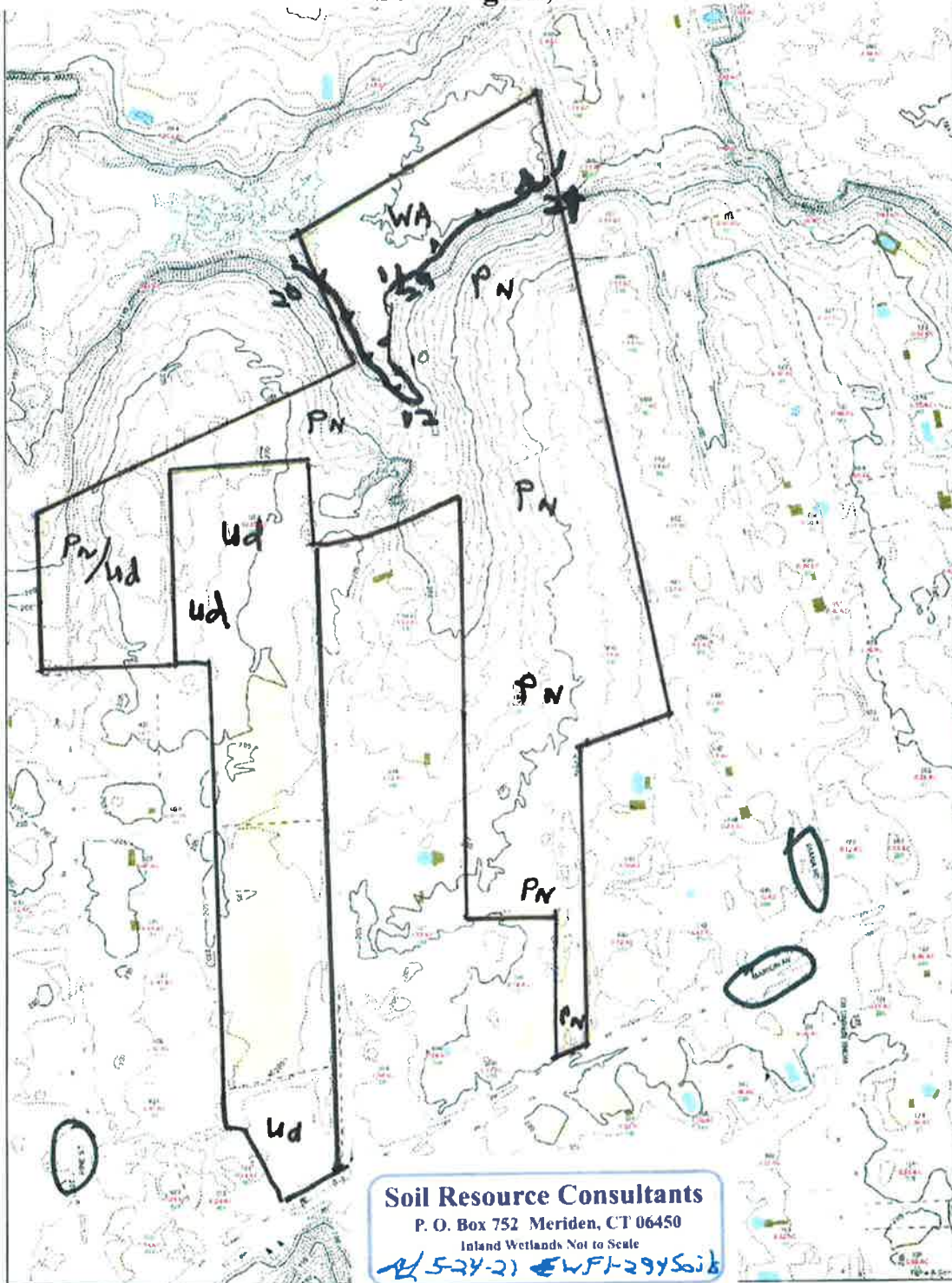


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P. O. Box 752 Meriden, CT 06450
Inland Wetlands Not to Scale
524-21 ← WFT-2945016

2/15/2021 4:00:54 PM
Scale 1"=200'
Scale is approximate
The information depicted on this map is for planning purposes only.
It is not adequate for legal boundary definition or regulatory
compliance purposes. See State of Connecticut website.



347, 349 & 389 Marion Avenue Southington, CT



2/15/2021 4:00:54 PM

Scale: 1"=200'

Scale is approximate

The information depicted on this map is for planning purposes only. It is not adequate for legal boundary definition, regulatory interpretation, or parcel-level analysis.

