

Soil Resource Consultants

P.O. Box 752

Meriden, CT 06450

September 23, 2020

SRC Job No. 20-06

Mark Lovley
 Lovley Development, Inc.
 710 Main Street, Suite 11
 Plantsville, CT 06579

Dear Mr. Lovely:

Re: Site Investigation for Wetland Determination - 45 Pacer Lane - Southington, CT

At your request, I have completed an onsite investigation of this site. The purpose of my investigation was to identify and delineate any onsite inland wetlands and watercourse boundaries. The field work was completed on February 4, 2020 and reconfirmed on August 7, 2020.

The soil investigation was conducted using a spade and or hand auger to identify existing soil conditions on this site. More than 35 test holes were dug throughout all areas of this site.

No indications of inland wetland soil conditions or watercourses were found in any of the test hole locations. Existing soils represent the drainage classes - excessively drained and well drained. The closest wetland area appears to be more than 60 feet offsite to the northwest (refer to attached survey detail) where drainage from a bare soil swale discharges into a vegetated area with both wetland soil characteristics and those of an intermittent watercourse. A single unnumbered blue flag with a pink flag with printed lettering "Wetland Delineation" was placed at the uppermost limit of the offsite wetland/watercourse feature located within the adjacent utility line right of way limits.

The drainage swale bottom area along the western side of this property is devoid of vegetation. On the banks of the swale, Japanese Knotweed, Multiflora Rose, and Sassafras dominate. To the northwest of the subject property, Jewelweed and Reed Canary grass dominate. Some redoximorphic (mottling) features can be observed in the soils to the north of the above described flag.

The 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.

Wetland Delineations Wetland Impact Evaluations Environmental Planning

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NON-WETLAND SOILS

The non-wetland soils were not studied or mapped in detail. 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.

The soils on this site have been very extensively disturbed by previous grading activities. All areas of the site were investigated and found to not contain any wetland or watercourse characteristics. Soils overall are very sandy with no ground water table connections to at least a depth of 24 or more inches below the existing soil surface..

Ss (23)

The **Ss** map unit consists primarily of Sudbury soils on 3 to 8 percent slopes. Sudbury soils are very deep and moderately well drained. They formed in glacial outwash materials on terrace surfaces. Typically they have loamy surface and subsoil layers overlying stratified and or gravel 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 extensively disturbed by grading and filling activities associated with the existing altered 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 sandy loam to gravelly sandy loams.

Wu (36)

The **Wu** map unit consists primarily of Windsor soils on 3 to 15 percent slopes. Windsor soils are very deep and excessively drained. They formed in sandy glacial outwash materials. Windsor soils contain stratified sand to a depth of 60 inches or more.

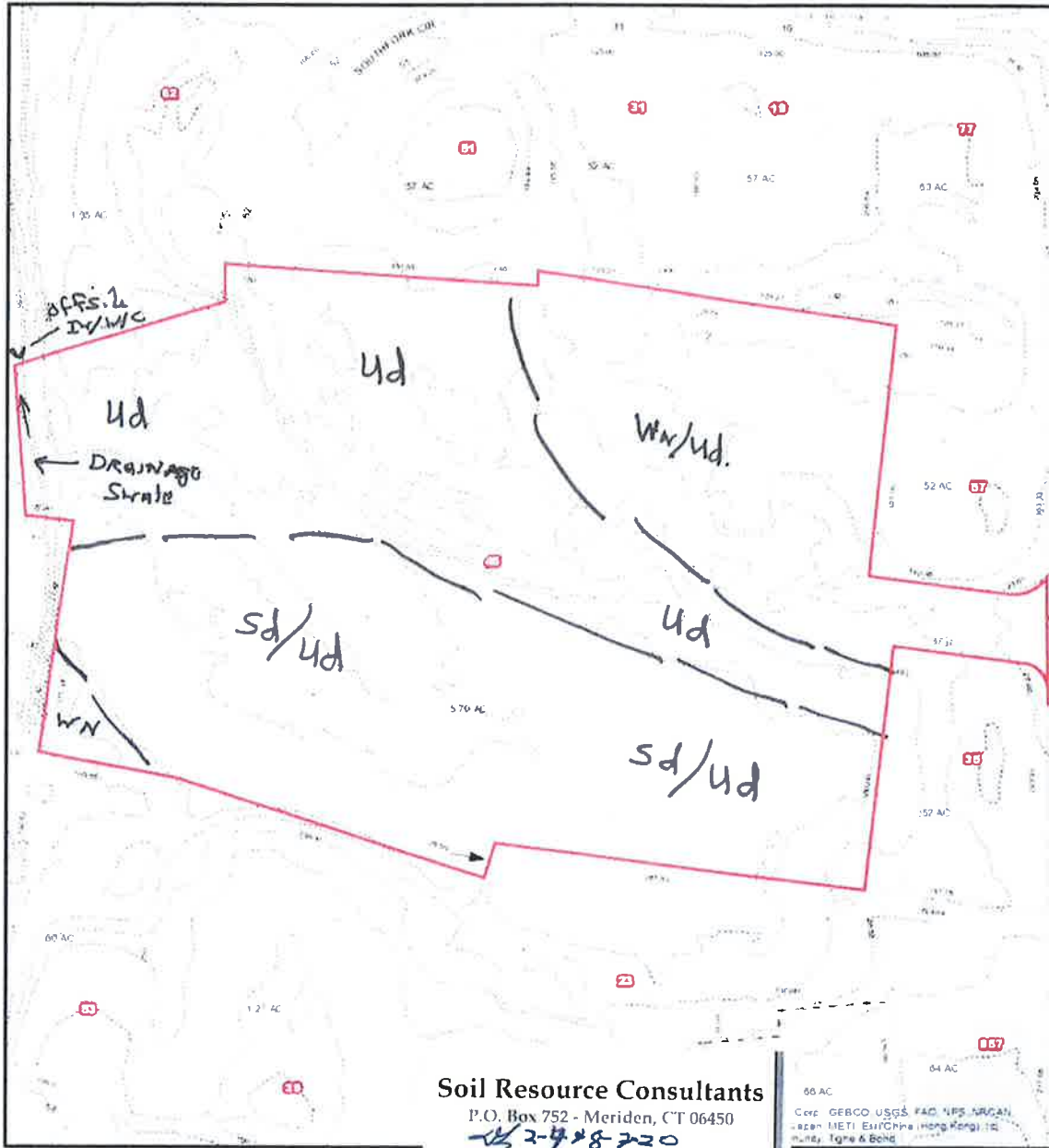
If you have any questions regarding this report, or need additional assistance with this site, please contact me. I am available to attend Inland Wetland Commission meetings and site walks.

Sincerely,



David H. Lord
Certified Soil Scientist
& Environmental Consultant

45 Pacer Lane Southington, CT



Soil Resource Consultants
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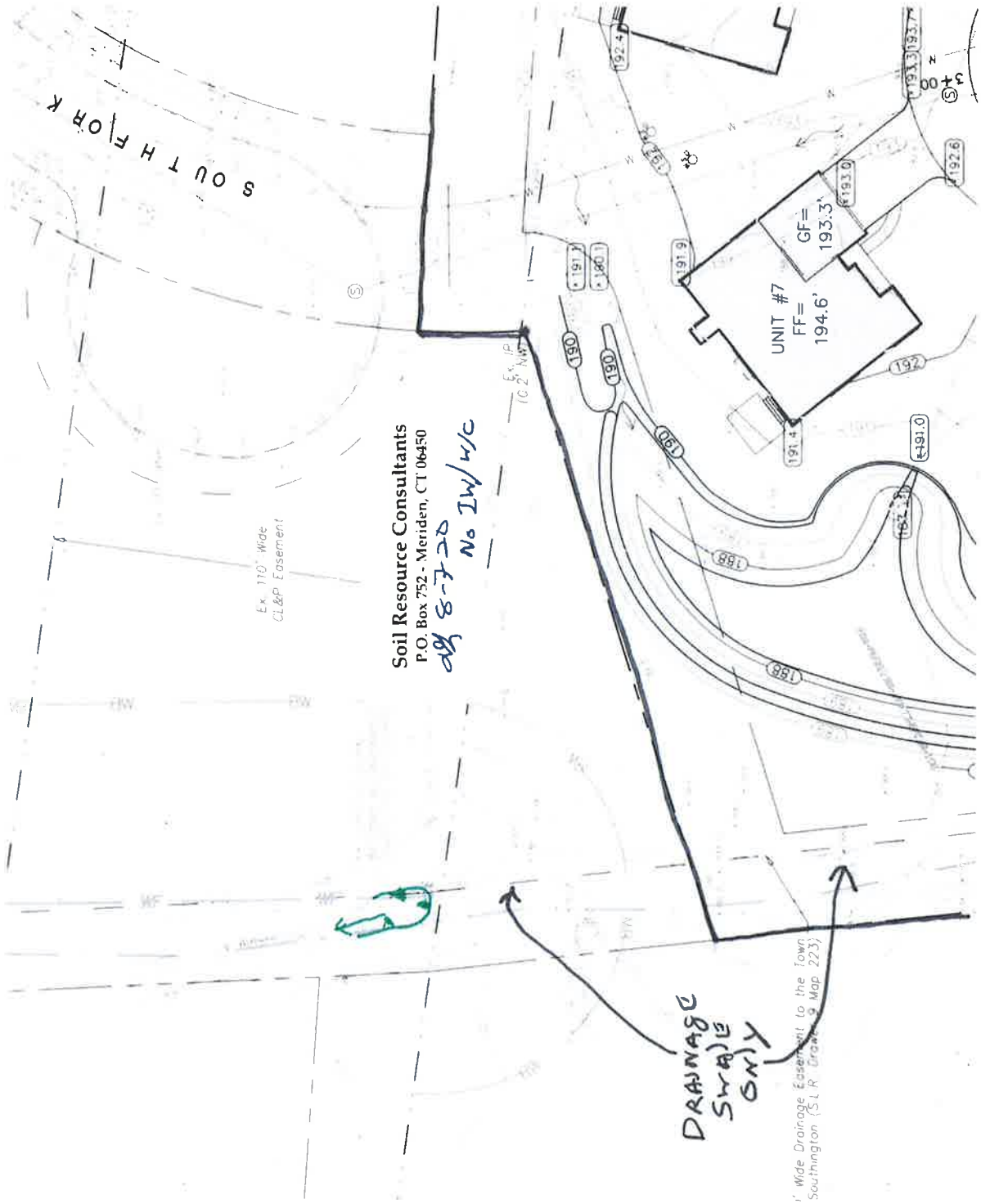
Scale 1"=100'

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 analyses



**45 Pacer Lane
Southington, CT**



Revised to Show Survey Located Offsite Wetland Flag