



Key Engineering Solutions-US, Inc.

3282 Elmer Hill Lane, Buford, GA 30519

PH: 561-504-2224

dsonders@kes-us.com

Report Date: November 1, 2021 Field Investigation Date: November 1, 2021 Level of Study: III

Site: 4136 Buford Highway & 2977 Gravitt Trail, Duluth, GA 30096 County: Gwinnett

Lot #1 – 2977 Gravitt Trail - Parcel ID Number: 6260 653

Lot #2 - 4136 Buford Highway - Parcel ID Number: 6260 011

Certified by: David M. Sonders, P.E., Professional Engineer License #PE-47163

Estimated Soil Properties

| Soil Unit | Slope % | Depth to Bedrock (in) | Depth to SHWT* (in) | Optimum Trench Depth (in) | Estimated Perc. Rate @ Trench Depth | Soil Suitability Code |
|---------------------------|---------|-----------------------|---------------------|---------------------------|-------------------------------------|-----------------------|
| Chewacla | 0-2 | >60 | 12-24 | Not Recommended | 65 | Unsuitable |
| Appling (Sandy Loam) | 6-10 | >60 | >72 | 24-48 | 45 | A |
| Appling (Sandy Clay Loam) | 6-10 | >60 | >72 | 24-48 | 65 | A |

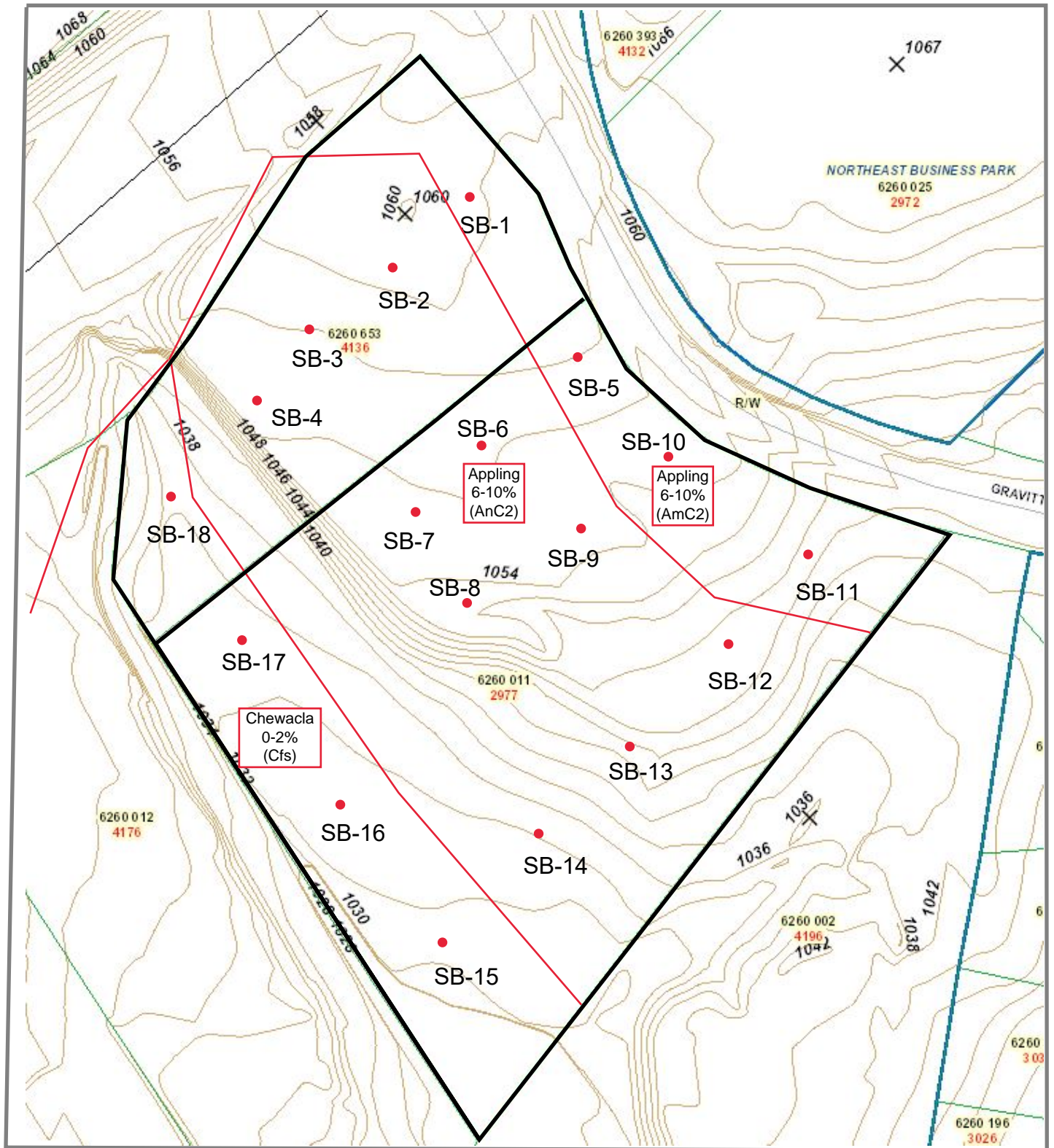
*Seasonal High-Water Table

The recommendations in this Level III Soils Report are based on the site/soil conditions at the time of this study and the professional judgement of the soil classifier. They are the merely professional opinions and imply no guarantee or warrantee of performance of any particular system installed.

Soil Suitability Legend

A – These soils are suitable for installation of on-site systems with proper system design, installation, and maintenance. Position of the site or other soil and landscape considerations may require the drainfield area to be greater than the minimum and/or the drainfield design to require equal distribution or level field installation.

Unsuitable – These soils do not meet the necessary criteria and thus are unsuitable for on-site liquid waste disposal or are only marginally suitable and may require extensive modification to make them suitable.



Legend

- Soil Type Delineating Line
- Property Boundary
- Soil Boring



11/1/2021