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LAND DEVELOPMENT DESIGN SERVICES



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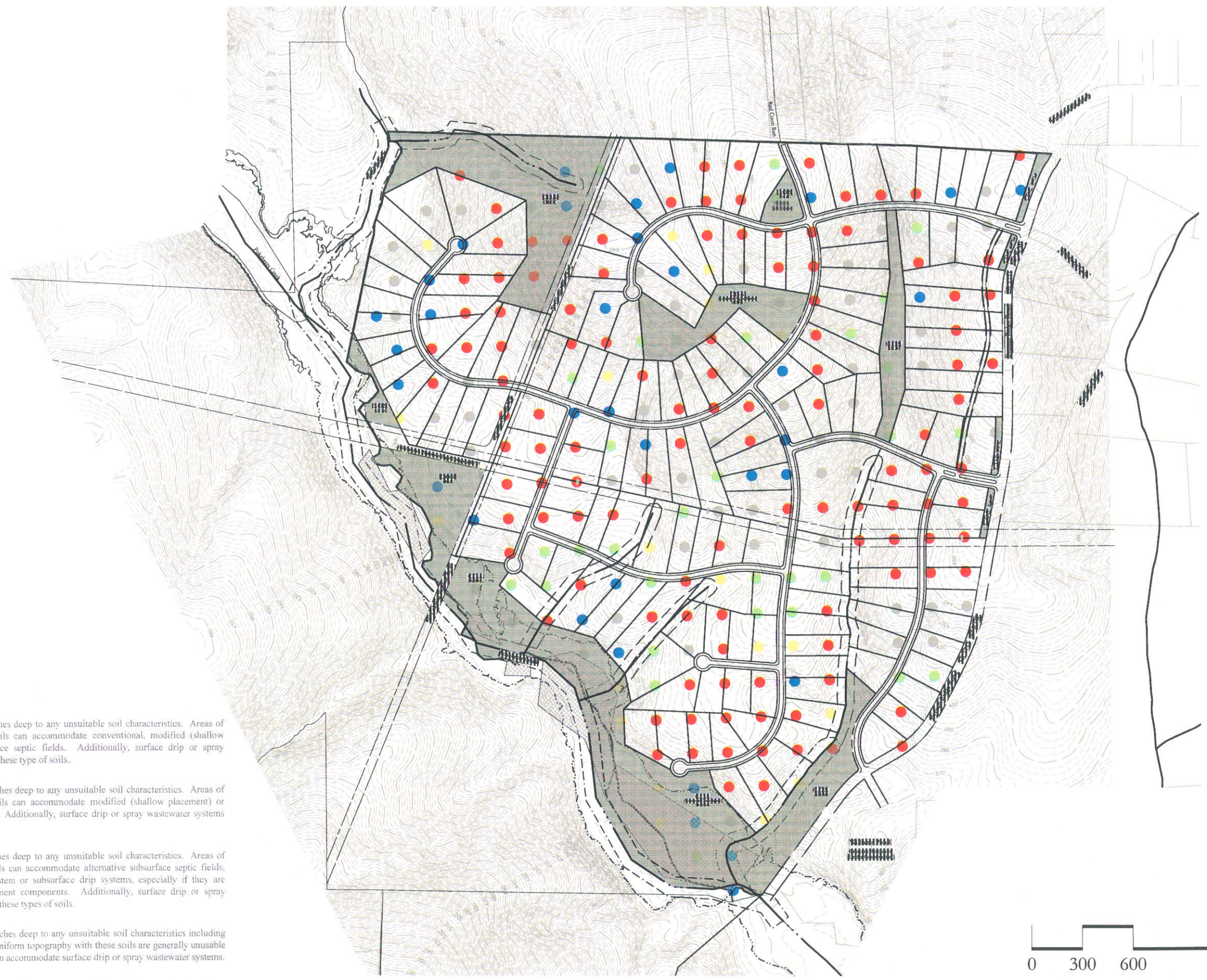
**Crosland**  
4000 WESTCHASE BOULEVARD  
SUITE 390  
RALEIGH, NC 27607

**Chatham Land & Timber Property**  
CHATHAM COUNTY  
NORTH CAROLINA

**Soil Analysis**

PROJECT NUMBER: 06-031  
DRAWN BY: TCS/SRE  
DESIGNED BY: SRT  
ISSUE DATE: 04/12/06

NO. DATE BY: REVISIONS



**Red** – Soils that are at least 30 inches deep to any unsuitable soil characteristics. Areas of uniform topography with these soils can accommodate conventional, modified (shallow placement) or alternative subsurface septic fields. Additionally, surface drip or spray wastewater systems can be sited on these type of soils.

**Green** – Soils that are 24 to 30 inches deep to any unsuitable soil characteristics. Areas of uniform topography with these soils can accommodate modified (shallow placement) or alternative subsurface septic fields. Additionally, surface drip or spray wastewater systems can be sited on these type of soils.

**Blue** – Soils that are 18 to 24 inches deep to any unsuitable soil characteristics. Areas of uniform topography with these soils can accommodate alternative subsurface septic fields, such as the low pressure pipe system or subsurface drip systems, especially if they are coupled with wastewater pretreatment components. Additionally, surface drip or spray wastewater systems can be sited on these types of soils.

**Yellow** – Soils that are 12 to 18 inches deep to any unsuitable soil characteristics including soil wetness conditions. Areas of uniform topography with these soils are generally unusable for subsurface septic systems but can accommodate surface drip or spray wastewater systems.

**Gray** – Soils that are less than 12 inches deep to any unsuitable soil characteristics including soil wetness conditions; mixed mineralogy clays, or saprolite or rock. Regardless of the topography, these soils are generally unusable for subsurface septic systems or surface drip and/or spray wastewater systems.

