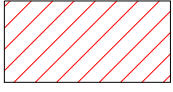
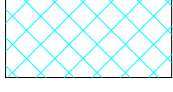
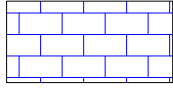
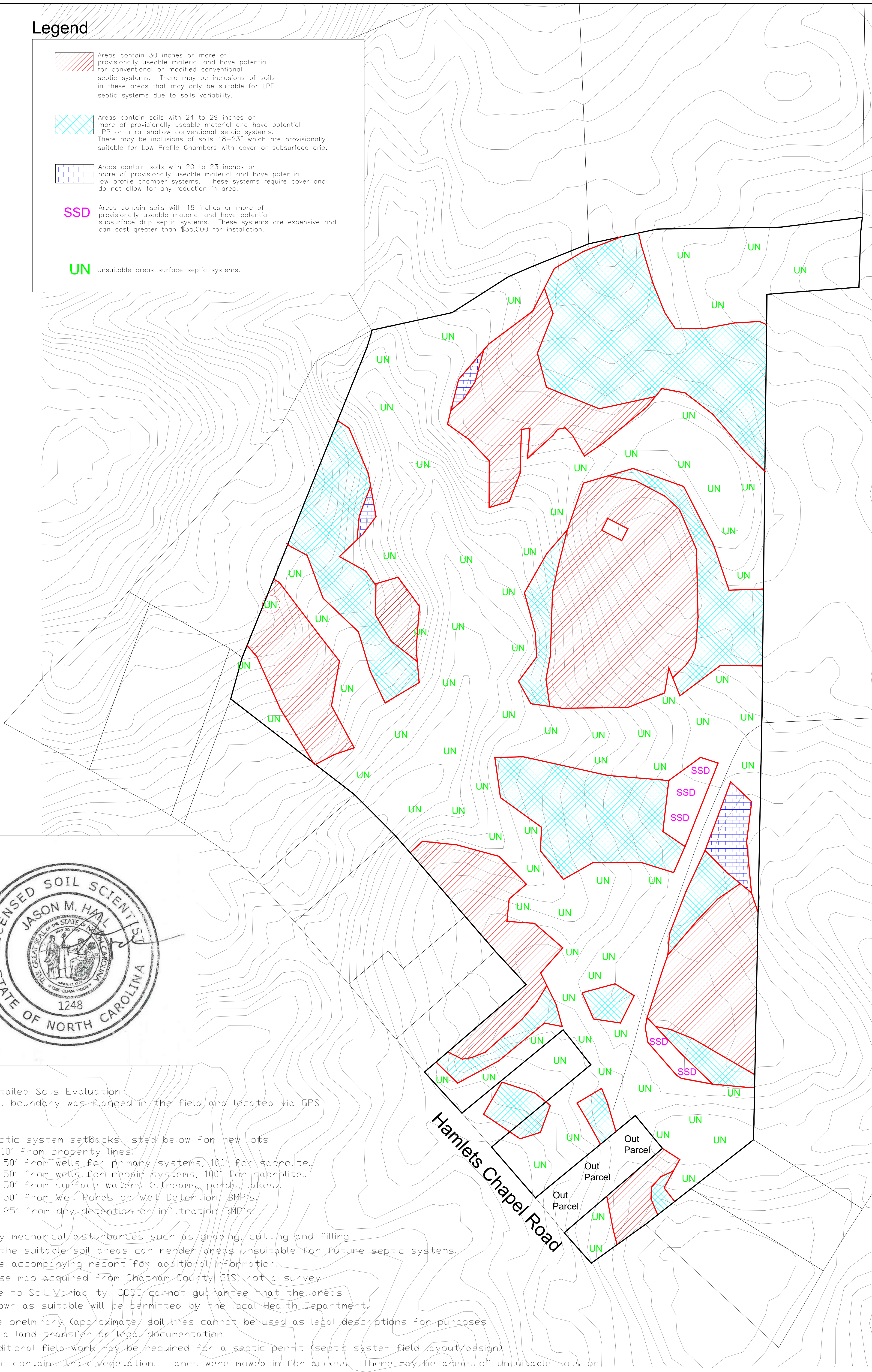
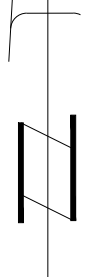


**Legend**

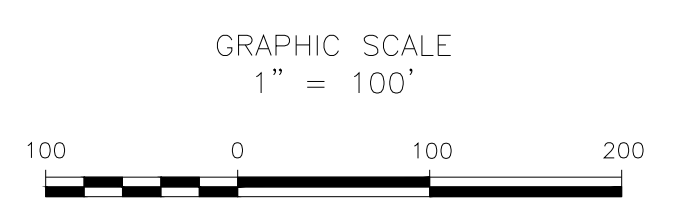
-  Areas contain 30 inches or more of provisionally useable material and have potential for conventional or modified conventional septic systems. There may be inclusions of soils in these areas that may only be suitable for LPP septic systems due to soils variability.
-  Areas contain soils with 24 to 29 inches or more of provisionally useable material and have potential LPP or ultra-shallow conventional septic systems. There may be inclusions of soils 18-23" which are provisionally suitable for Low Profile Chambers with cover or subsurface drip.
-  Areas contain soils with 20 to 23 inches or more of provisionally useable material and have potential low profile chamber systems. These systems require cover and do not allow for any reduction in area.
- SSD** Areas contain soils with 18 inches or more of provisionally useable material and have potential subsurface drip septic systems. These systems are expensive and can cost greater than \$35,000 for installation.
- UN** Unsuitable areas surface septic systems.



\*Detailed Soils Evaluation  
 \*Soil boundary was flagged in the field and located via GPS.

- \*Septic system setbacks listed below for new lots.
- 1) 10' from property lines.
  - 2) 50' from wells for primary systems, 100' for saprolite.
  - 3) 50' from wells for repair systems, 100' for saprolite.
  - 4) 50' from surface waters (streams, ponds, lakes).
  - 5) 50' from Wet Ponds or Wet Detention BMP's.
  - 6) 25' from dry detention or infiltration BMP's.

\*Any mechanical disturbances such as grading, cutting and filling of the suitable soil areas can render areas unsuitable for future septic systems.  
 \*See accompanying report for additional information.  
 \*Base map acquired from Chatham County GIS, not a survey.  
 \*Due to Soil Variability, CCSC cannot guarantee that the areas shown as suitable will be permitted by the local Health Department.  
 \*The preliminary (approximate) soil lines cannot be used as legal descriptions for purposes of a land transfer or legal documentation.  
 \*Additional field work may be required for a septic permit (septic system field layout/design).  
 \*Site contains thick vegetation. Lanes were mowed in for access. There may be areas of unsuitable soils or topography in that could not be evaluated by CCSC due to the thick vegetation.



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Detailed Soils Evaluation  
 Hamlets Chapel Road, 90-acre per GIS map  
 Chatham County, North Carolina

Job# : 4058  
 Drawn By : JH  
 Date : 12/9/2021  
 Revision : 00/00/0000