



Disturbed areas contain soils with 24 inches or more of usable material and have the potential for conventional, modified conventional, split-shallow and low pressure pipe septic systems.
 Areas contain soils with 18 to 24 inches of usable material and have the potential for subsurface drip and pretreatment low pressure pipe systems.
 Areas contain soils with at least 12 inches of usable material (excessive clay morphology present) and have the potential for pretreatment surface drip.

SUITABLE FOR PRELIMINARY PLANNING PURPOSES ONLY. ALL LOTS WILL REQUIRE APPROVAL BY THE COUNTY HEALTH DEPARTMENT AND/OR WORKS ON A LOT BY LOT BASIS. THIS MAP SHOULD BE USED AS A GENERAL GUIDE. SOME ADJUSTMENTS WILL BE NECESSARY IN THE FIELD DUE TO SOIL VARIABILITY AND TOPOGRAPHIC IRREGULARITIES.

** SUITABLE FOR PRELIMINARY PLANNING PURPOSES ONLY. ALL LOTS WILL REQUIRE APPROVAL BY THE COUNTY HEALTH DEPARTMENT ON A LOT BY LOT BASIS. THIS MAP SHOULD BE USED AS A GENERAL GUIDE. SOME ADJUSTMENTS WILL BE NECESSARY IN THE FIELD DUE TO SOIL VARIABILITY AND TOPOGRAPHIC IRREGULARITIES. THIS MAP ONLY REFLECTS EXISTING SOIL SUITABILITY FOR ON-SITE SEPTIC TANK SYSTEMS. SOME OTHER CONSIDERATIONS THAT AFFECT SITE SUITABILITY THAT SHOULD BE CONSIDERED IN DEVELOPMENT DESIGN ARE:

- 1) 10' SETBACK FROM PROPERTY LINE
- 2) 100' SETBACK FROM ANY WELL
- 3) 50' SETBACK FROM STREAMS, PONDS OR LAKES.

See accompanying S4EC report.

** DETAILED SOIL/SITE EVALUATION
 SOIL LINES WERE DELINEATED AND LOGGED IN THE FIELD BY S4EC PERSONNEL. THE SOIL FLAGS ARE NUMBERED AND BEAR THE S4EC LOGO. THE SOIL FLAG POSITIONS WERE ESTABLISHED USING GPS RECEIVERS. NOT A SURVEY.

** PRELIMINARY SOIL/SITE EVALUATION FOR SURFACE DRIPS/SPRAY IRRIGATION
 SOIL LINES WERE DELINEATED IN THE FIELD BY S4EC PERSONNEL. THE SOIL LINES WERE SKETCHED ONTO THE MAP BASED ON TOPOGRAPHY AND OTHER SITE FEATURES.

** NOT A SURVEY.
 CADASTRAL INFORMATION, AND AERIAL PHOTOGRAPH ARE FROM THE CHATHAM COUNTY GEOGRAPHIC INFORMATION SERVICE. TOPOGRAPHIC LINES ARE FROM THE NCDOT LIDAR DATA SET.

