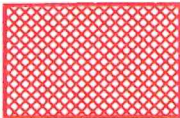






Project:			Project No.: 0639.53	
NC HIGHWAY 751 PROPERTIES			Project Manager: RP	Drawn: CC
Location:	CHATHAM CO., NC	Client:	GLENN FUTRELL	
Scale:		1" = 200'		Field Work: CC
Sheet Title:			Sheet No.: 1 of 1	
PRELIMINARY SOILS/SITE MAP				

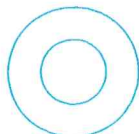
LEGEND

-  Areas contain soils with 24 inches or more of useable material and have the potential for ultra-shallow conventional, low pressure pipe (LPP), and/or pretreatment LPP septic systems.
-  Areas contain soils with 18 inches or more of useable material and have the potential for pretreatment low pressure pipe (LPP), pretreatment subsurface drip, pretreatment surface drip, and/or pretreatment surface spray irrigation septic systems.
-  Areas contain soils with 12 inches or more of useable material and have the potential for pretreatment subsurface drip, pretreatment surface drip, and/or pretreatment surface spray irrigation septic systems. There may be inclusions of soil with less than 12 inches of useable material.
-  Approximate area of existing septic system for the house at 7571 Hwy 751 and contains soils with 12 inches or more of useable material and have the potential for pretreatment subsurface drip, pretreatment surface drip, and/or pretreatment surface spray irrigation septic systems.
-  Areas contain soils with less than 12 inches of useable material and have the potential for pretreatment surface drip and/or pretreatment surface spray irrigation septic systems if a minimum of 10 inches of NCDWR approved fill is placed on top of the existing soil surface. Some areas may require less than 10 inches of fill.

UN
NE

Unsuitable areas due to soil wetness condition, soil depth, clay mineralogy, and/or landscape position. Some areas maybe suitable for surface septic systems if more than 10 inches of NCDWR approved fill is placed on top of the existing soil surface.

Areas that were not evaluated



Private well, 50' (repair & 100' initial) septic system setback.

ST

Existing Septic Tank

PT

Existing Pump Tank

GRAPHIC SCALE
1" = 200'



PRELIMINARY SOIL/SITE EVALUATION.
SOIL LINES WERE DELINEATED IN THE FIELD BY S&EC PERSONNEL. THE SOIL LINES WERE SKETCHED ONTO THE MAP BASED ON TOPOGRAPHY, HAND-HELD GPS LOCATIONS, AND OTHER SITE FEATURES.

****SUITABLE FOR PRELIMINARY PLANNING PURPOSES ONLY. SITE WILL REQUIRE APPROVAL BY THE COUNTY HEALTH DEPARTMENT AND/OR NCDWR ON A CASE BY CASE 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 FOR SUBSURFACE SYSTEMS
- 2) 50' SETBACK FROM PROPERTY LINE FOR SURFACE SYSTEMS
- 3) 100' SETBACK FROM ANY WELL
- 4) 25' SETBACK FROM DRAINAGE DITCHES.

SEE ACCOMPANYING S&EC REPORT.

NOT A SURVEY.
2-FOOT CONTOURS FROM NCDOT GIS. PROPERTY BOUNDARIES FROM CHATHAM COUNTY GIS. 2016 AERIAL FROM BING MAPS.

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S&EC