

Neal C. Floyd & Associates, Inc.

ENT Land Surveys, Inc
226 S. Churton St.
Hillsborough, N.C. 27278

1/12/07

RE: Sketch plan - Arcadia - lots 1-13
2nd lot design

Dear Steve,

Enclosed is the preliminary soils map over the lot design for Arcadia. These soil areas have been field located and shown on the map. Please note, these areas shown have been approved by the Chatham County Environmental Health Department through the original lot by lot evaluation. Areas shown have provisionally suitable soil $\geq 24"$ for conventional / "at grade" conventional systems.

The soil is characterized as having a 12 to 16" loam/silt loam surface underlain by a clay to clay loam Bt. Depth of the Bt/Bc ranges from 24 to 36". The overall LTAR ranges from 0.25-0.3 gpd/ft². Final lot lines will be determined through STS layouts.

Sincerely,
Neal C. Floyd #1039
Neal Floyd Soil Scientist

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