



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. BASLEY
GOVERNOR

P.O. BOX 25201, RALEIGH, N.C. 27611-5201

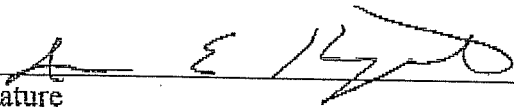
LYNDO TIPPETT
SECRETARY

CHATHAM COUNTY COMMERCIAL DRIVEWAY REVIEW

I, Jessie E. Knight, have reviewed the location of a proposed Driveway entrance on SR 1719 Vickers Rd. for the purposed Ironclad Self storage site.

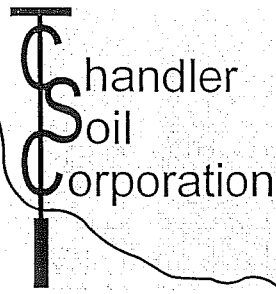
This site is acceptable for this use and a Driveway Permit shall be issued upon our receiving the request for a Driveway Permit and our reviewing the application for conformity to our specifications.

Signed this 19th day of July, 2006



Signature
Jessie E. Knight
TT IV
Title

Cc: Ms. Lynn Richardson, Chatham County Planner
Mr. Bill Piver



July 13, 2006

Warren Mitchell
Mitchell Westendorf, P.A.
193 Amberwood Run
Chapel Hill, NC, 27516

Dear Warren:

Chandler Soil Corporation has completed a soil and site analysis of the 6.10 acre tract on Vickers Road. We found soil and topographical conditions that should support an initial pretreated low-pressure pipe system for the small business and the 2 bedroom apartment. The repair system would have to be a pretreated subsurface drip system. Both systems will require Hydraulic Conductivity tests to confirm the field determined Long Term Acceptance Rate (LTAR).

The additional testing that needs to be completed may cost up to \$6000. This includes testing the initial and repair area separately as they have different testing requirements, and writing a report describing the results. These tests cannot be performed in or directly after rain events, also the permeability of the soil will dictate the duration of each test. As you know, pretreatment LPP systems can cost up to \$25,000-30,000 to install. Currently the cost of the repair system, (pretreatment drip) can cost up to \$40,000 to install. (These figures include hydraulic conductivity testing.)

Both of these systems will require the owner to hire a certified operator at approximately \$200-300 a year to maintain the system on a bi-annual basis. Or he can become his own operator by attending a one-time, 3-day class in Raleigh offered by the NC Cooperative Extension Service (for details call Joni Tanner at 919-513-1678).

A conventional, or alternative system is not recommended in this area because they require 24-26" of suitable soil on these slopes. As you can see by the enclosed map, no area of sufficient soil depth and size exists in the proposed area. Areas with at least 12" of suitable soil will support a pretreatment system. Areas with less than 12" may support a surface drip system. Borings less than 12" to soil wetness cannot support any septic system.

The enclosed map describes our findings. When the owner gets ready to apply for an improvement permit, he should take our report on the results of the conductivity tests, the maps and a site plan down to Chatham County Environmental Health in Pittsboro.

Our evaluation was made in accordance with the "Laws and Rules for Sewage Treatment, and Disposal Systems" 15A NCAC 18A .1900. We guarantee that our work was performed to professional standards. However, this report represents our professional opinion, and does not guarantee government approval or denial.

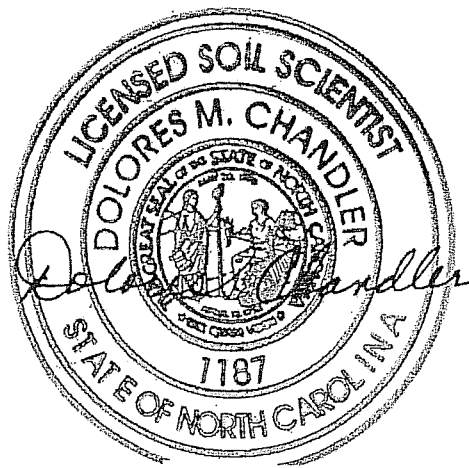
Thank you for your business. We will be out to begin the hydraulic conductivity tests between now and the end of August.

Sincerely,

Dolores M Chandler

Dolores Chandler
President

Enclosed: Map.
Invoice.



7/13/2006