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website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

April 26, 2004

Mr. Theodore Mariani
16449 Ed Warfield Road
Woodbine, MD 21797


Re: Percolation Testing Support Building Permit
Building Permit # B00147070
16449 Ed Warfield Road

Dear Mr. Mariani:

Percolation testing was done April 23, 2004, identifying septic repair area. Soils located deep clay near the swale south of the existing septic tank, and shallower clay depths higher on southeast topography. Water was identified in the bottom of percolation test holes around 11 ½ to 14 feet. Currently, the existing septic tank appears to be functioning while supporting four people living on the residence. Visual inspection of the existing concrete septic tank indicates a shallow inlet, maybe at three feet, with no evidence of overflow.

According to our discussion, a septic contractor will be pumping out your septic tank as done approximately three years ago. For our records, please send a letter or bill from the contractor stating how much volume was pumped out of the tank; this will help us identify the actual holding capacity of the septic tank. Also, included for your convenience is a copy of the field notes.

The above mentioned building permit will be signed, as included with this letter. When your building's plumbing is connected to the main house, please contact our office so we may document measurements of the location of the connection. Thank you for your time in this important matter. You may contact our office at 410-313-1771.

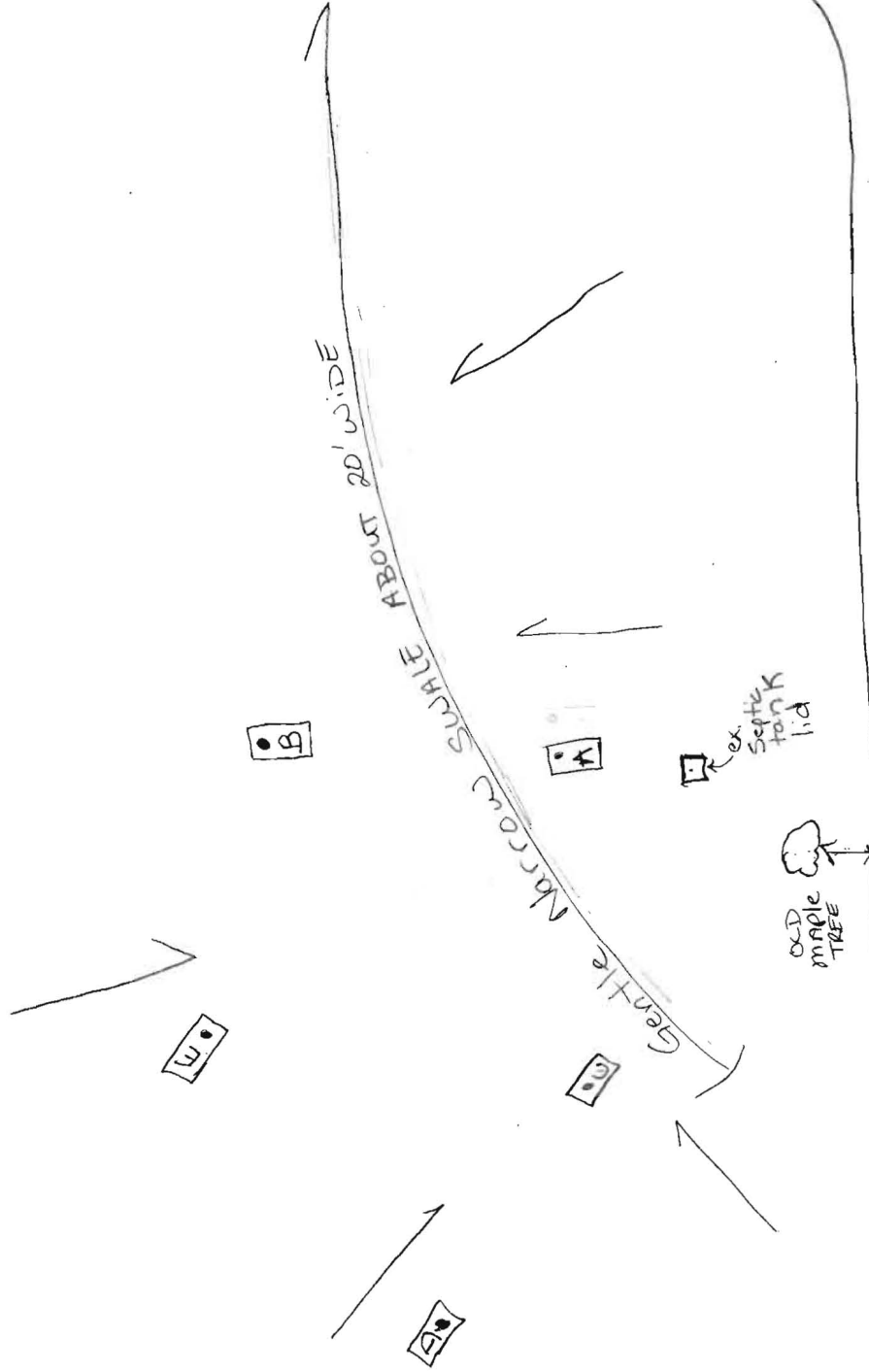
Sincerely,

Kacie Noonan, R.S.
Well and Septic

KN

Cc: DILP
file

North

Kroll
Kroca



4/23/04

Notes: - Lower elevations typical of 6' clay, water at 12'. (Holes C, D)

- Higher elevations, holes D, E, perc around 3-4' with water around 12-14 feet

- Hole A - no water in bottom @ 14' after 1 1/2 hours +

- Future repair area best near perc holes D, E, & B. - INLET AT 3, bottom at 5.

- 4' Treatment buffer identified.

Rate \bar{x} = 20 min

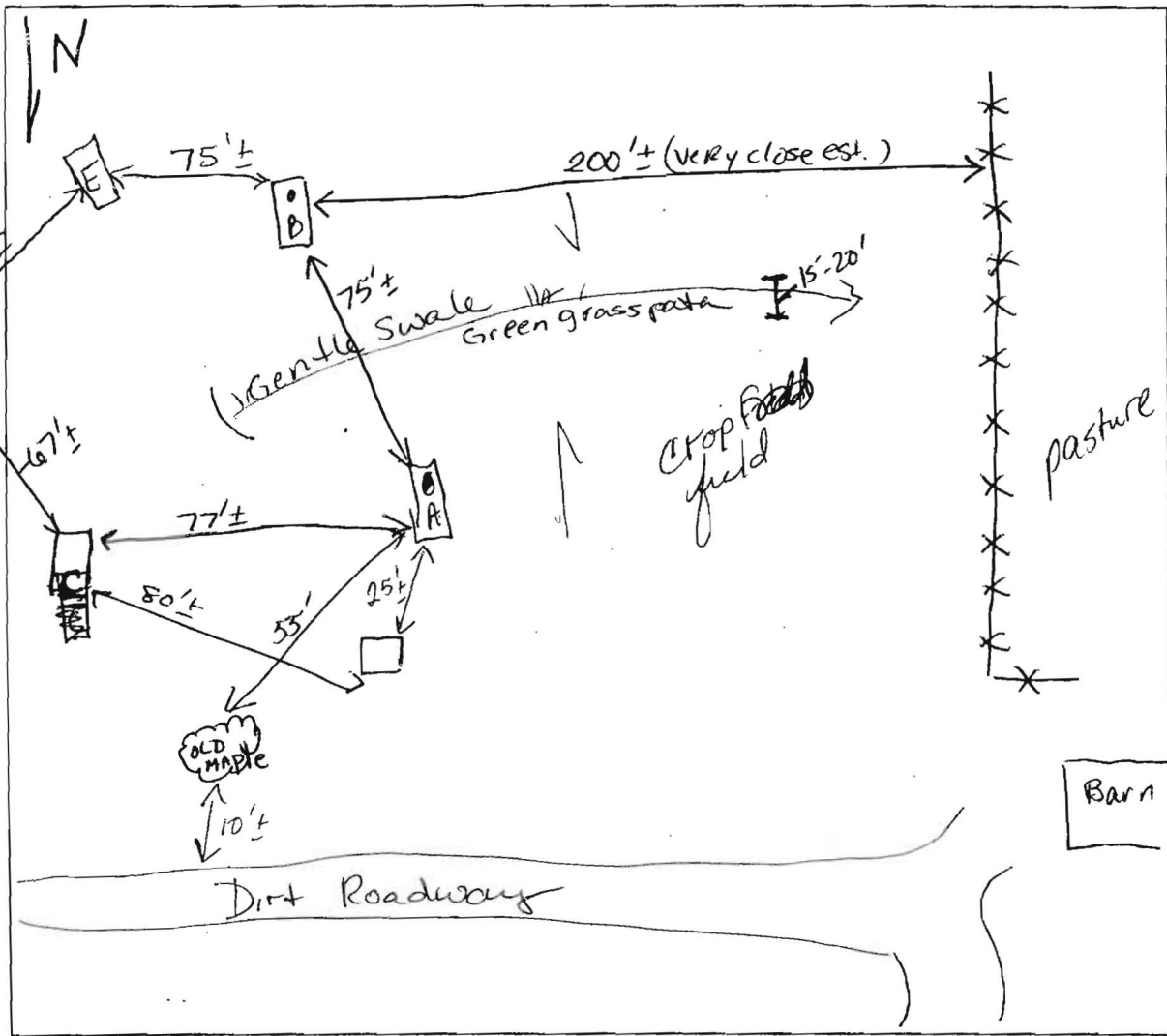
Mariani Property / Historical Home of Ed Warfield
16449 Ed Warfield Road, Woodbine

1" = 50' scale

SITE INSPECTION SHEET

OWNER: Mariani PHONE #: _____
ADDRESS: 16449 Ed Warfield Rd CONTRACTOR: _____
Woodburne WELL TAG #: _____
SUBDIVISION: N/A LOT: _____ COUNTY #: _____
PROPOSAL: IDENTIFY 10% of repair area.

LOCATION DIAGRAM



COMMENTS: 4/23/04 Soil descrip. on other pages. Stay SE of Swale for permeable soils at shallower depth (for future repairs). Existing system appears to be functioning.

DATE: 4/23/04 INSPECTOR: Raele N