

APPLICATION

BILL
MEERS

3/9/87
1:30 PM
wet sewers
Refer

PERCOLATION TESTING

A 31096

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 3RD

DATE _____

DATE GIVEN TO
Sec. FOR M.S. TUCKER
of MARTINE & GARY
2/4/87

TED BOSSE
382-1228

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER FERDINAND P. Kelly

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION GREENHEDGE LOT NO. 5

ROAD AND DESCRIPTION ORWAY DR.

TAX MAP 16 PARCEL # 314

SIZE OF LOT 6.988 TYPE BLDG. S.F.D.
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY

WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. TED BOSSE
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

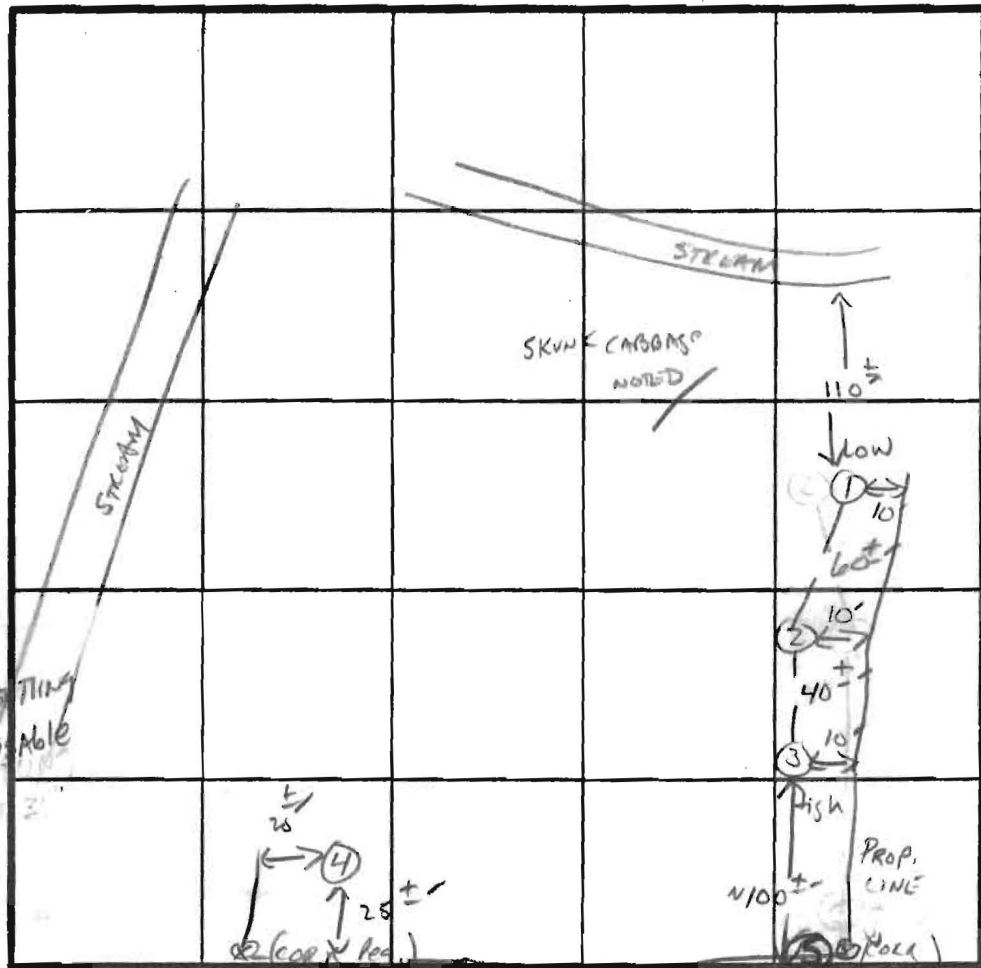
REASONS FOR REJECTION OR HOLDING 3-9-87 due unsatisfactory for conventional trenches and for mound system. insufficient area remaining to test S. side

THIS IS NOT A PERMIT

① SOIL PROFILE

| | |
|-----|--|
| 0" | A1-3 |
| 4" | STRONG BR Silt loam 9-12% CLAY <10% FRAGS |
| 16" | Yell BR. Silt loam 12-15% CLAY (CONFINING LAYER) <10% FRAGS |
| 23" | Highly micaceous Silt loam Glay chan't Silver gray |
| 49" | Yellow BR SANDY LOAM 20-25% FRAGS |
| 42" | ▽ P15' |
| 50" | ▽ P15' |

FIHR, 48"



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| | |
|------|--|
| 0" | A1-3 |
| 4" | STRONG BR TO Yell BR Silt loam 9-12% CLAY some FRAGS |
| 25" | Yellow BR Silt loam 12+% CLAY w/ SMALL QUARTZITE FRAGS |
| 58" | BROWN/TAN Silty SAND LOAM 10-15% FRAGS |
| 104" | ▽ P2hrs |
| 116" | ▽ P1hr |
| 124" | ▽ P25' |

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

③

| | |
|------|---|
| 0" | A1-3 |
| 11" | STRONG BR Silty clay loam 9-12% CLAY ROOTS |
| 91" | Yellow brown Silt loam 12+% CLAY (CONFINING LAYER) |
| 111" | Yellow BR Silt loam Highly micaceous 15-20% FRAGS |
| 111" | ▽ P1.5hrs |
| 111" | ▽ P1hr |
| 111" | ▽ P15' |

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|--------|----------|---------------------------------------|---------|------|----------------|------|-----------|
| | | | START | STOP | START | STOP | |
| 3/9/87 | 3 S | 31" | 1:16 | 1:44 | 1:44 | 2:19 | 19' 28min |
| | 4 S | 29" | 1:56 | 2:45 | 1/2" movement | | MIN |
| | 4 S | 48" (MAX TEST DEPTH FOR TRUNCATES) | 2:43 | 3:20 | NO MOVEMENT | | |
| | 5 S | 48" (MAX TEST DEPTH) SHALLOW TEST HIT | 3:08 | 3:45 | <1" movement | | MIN |
| | | | | | | | |
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| | | | | | | | |

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| | |
|------|--|
| 0" | A1-3 |
| 11" | STRONG BR Silt loam 9% CLAY |
| 91" | Yellow BR Silt loam w/SMALL QUARTZITE 10-15% CLAY |
| 111" | Yellow BR. SAND LOAM 20% FRAGMENTS |
| 111" | ▽ 1hr |
| 102" | ▽ P30' |

REMARKS: CAPILLARY Fring test to be 8-14" higher than H₂O TABLE observed

Soil UNACCEPTABLE FOR CONVENTIONAL MOUNDS OR TRUNCATES.

TYPE OF SOIL _____

TESTED BY J. Abel. ALSO PRESENT Arnold & Co.

owner/Buyer

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

March 20, 1987

Mr. Ferdinand P. Kelly
415 Oak Forest Drive
Baltimore, Maryland 21228

RE: Greenhenge Lot 5
Tax Map 16, Parcel 314

Dear Mr. Kelly:

Percolation testing performed on March 9, 1987 at the above referenced property revealed unsatisfactory soil conditions. The presence of a high water table and test times exceeding the 30 minute maximum were observed. These conditions prohibit the use of any available conventional sewage treatment method.

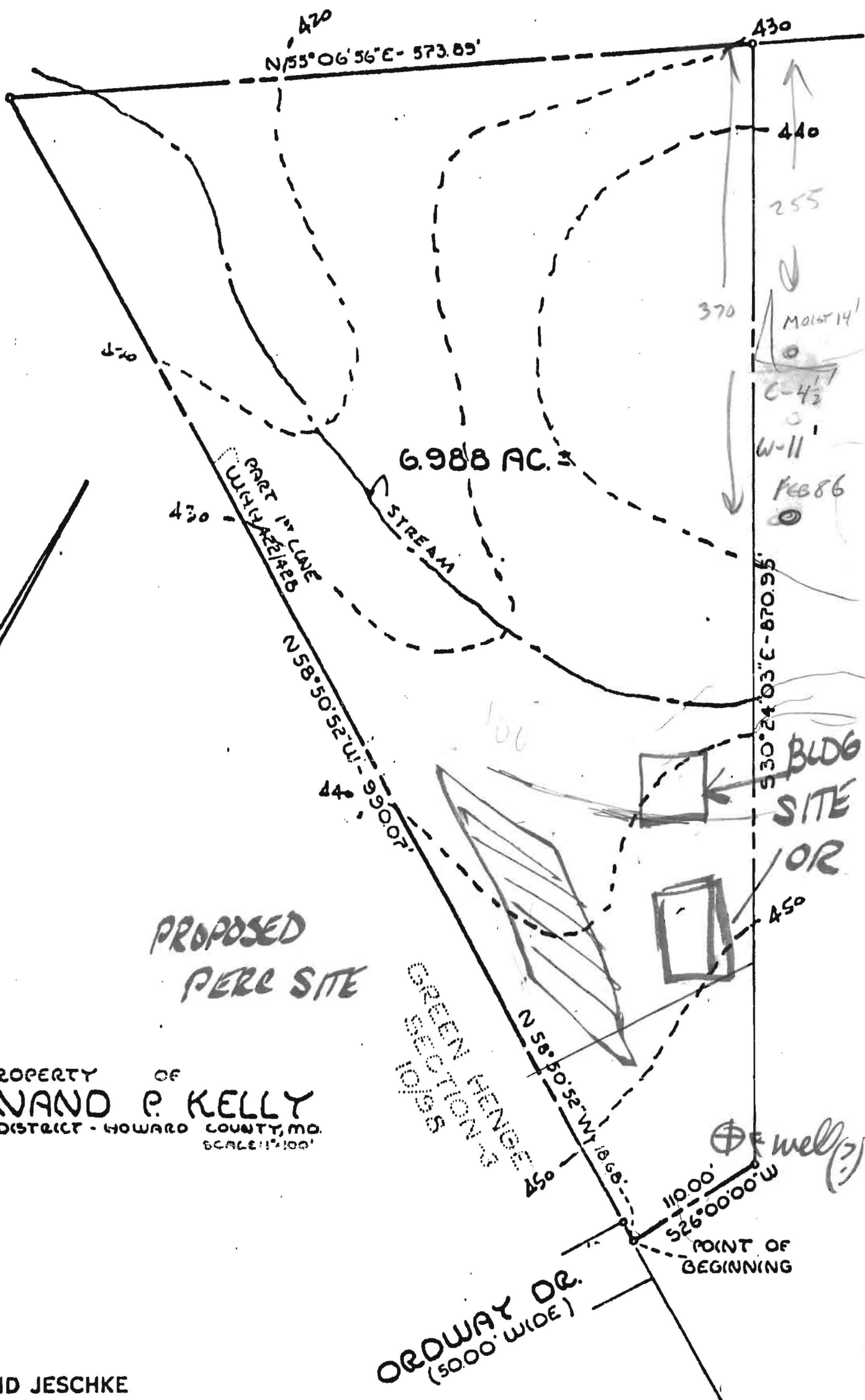
Based upon this evaluation, this lot remains non-buildable until public sewer is available.

If you should have any questions concerning these results or wish to discuss any further options for this property, please feel free to contact me at the above address or by calling 461-9933.

Very truly yours,

Craig Williams, Director
Water and Sewerage Program

CW/SA:JR



PROPOSED
PERC SITE

PROPERTY OF
FERDINAND P. KELLY
3RD ELECTION DISTRICT - HOWARD COUNTY, MD.
JULY 5, 1972

GREEN HENGE
SECTION 10
1065

OROWAY DR.
(50.00' WIDE)

PURDUM AND JESCHKE
ENGINEERS AND LAND SURVEYORS
97 PARK AVE.
ELLCOTT CITY, MARYLAND 21043

F. Kelly

