

3/2/95
1-2:00 e/o
3/3/95
1:00

350014

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50544

A 40857

DISTRICT 4th

DATE 2-27-95

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXX-XXXX~~ 313-2640

DATE SYSTEM APPROVED 3/3/95

INSPECTOR DKS

INDEXED

Kimble Contractors, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 4540 Baltimore National Pike, Suite 2, Mt. Airy, Md. PHONE 831-7022

SUBDIVISION Foxmoor LOT 17 ROAD 17706 Huntmaster Court

PROPERTY OWNER Dwight Muller & Lourie Lavoie

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

280 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 373

TRENCHES - Trench to be 3 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 5 1/2 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 195 feet down the left lot line (335.70') and 160 feet off that same lot line when facing the lot from the pipestem. Run trenches on contour in both directions. MAINTAIN 100 FEET FROM ALL WELLS ON THE PROPERTY WITH ALL PARTS OF THE SEPTIC SYSTEM.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 9/7/94 DKS

PLANS APPROVED BY Amy McMillen REVISED _____ DATE 09/06/94

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

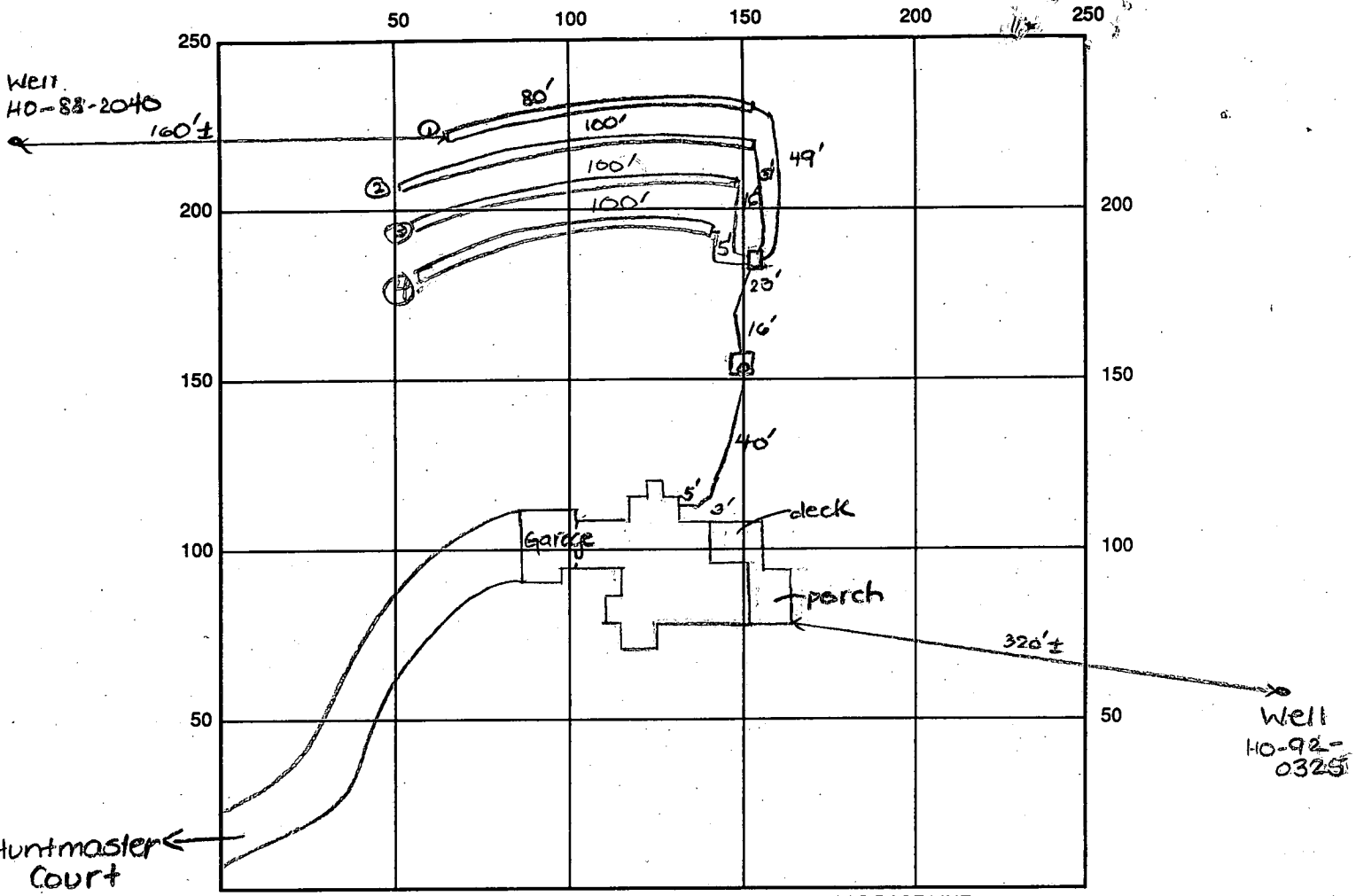
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

A
40857



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS one on s.t.

DISTRIBUTION BOX LEVEL OK - baffle in

DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 1.5 FT. TOTAL LENGTH ① 80' ③ 100' ④ 100' → 380' total

NUMBER OF TRENCHES 4 ~~ONE~~ BOTTOM AREA 1140 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 1140 SQ. FT.

REMARKS: 3/2/95 OK to continue work and cover lower two trenches. DKS

3/3/95 Final - OK to cover all work. DKS

3/14/95 HO-88-2040 WPI - No Insp. HO-92-0325 - cap welded to top of well invoice for work completed seen Arm

DATE SYSTEM APPROVED 3/3/95 INSPECTOR [Signature]

APPLICATION

HOWARD COUNTY

\$ 25.00
ff

SERIAL NUMBER

55111

PERMIT APPLICATION

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND, 21043

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)
17706 Huntmaster Ct.
Lisbon, Md. 21791

GRADING/SEDIMENT CONTROL YES NO SDP #

DESCRIPTION OF WORK AUTHORIZED

To build single family dwelling
10 story frame
4 Bedrooms
3 1/2 Baths

| LOT NO. | PARCEL NO. | SEC. | AREA | BLOCK NO. | LIBER | FOLIO |
|--------------|------------|------|----------|-------------|------------|-------|
| 17 | 16 | | | 12 | | |
| SUB DIVISION | | ZONE | ZONE MAP | ELEC. DIST. | CENSUS TR. | |
| FOXMOOR | | RC | 12 | 4 | 6040 | |

OWNER NAME AND ADDRESS PHONE NO.
Dwight Muller & Lourie Lavoie 570-0235
34234 Queensbough Dr.
Onley, Md. 20832

| SIZE OF BLDG. | FRONT | DEPTH | HEIGHT |
|-----------------|-------|-------|--------|
| 3214 finished | | | |
| 2380 unfinished | | | |

OCCUPANT'S NAME AND ADDRESS PHONE NO.
Dwight Muller & Lourie Lavoie 570-0235
3423 Queensbough Dr. Onley, Md. 20832

| TYPE OF BLDG. | AREA | VOLUME | ROOF |
|---------------|------|--------|----------|
| B. ROOMS H | | | Asph/Flt |
| ROOMS 13 3/2 | | | |
| BATHS | | | |
| FIREPLACES 1 | | | |

ARCHITECT OR ENGINEER'S NAME AND ADDRESS PHONE NO.

| FOOTINGS | FOUNDATION | S. WALLS |
|-----------------|------------|----------|
| 8 x 16 concrete | 2 poured | concrete |

CONTRACTOR'S NAME AND ADDRESS PHONE NO.
Kimble Contractors, Inc. 831-7022
4540 Baltimore National Pike
Suite 2 Mt. Airy, Md. 21771

| UTILITIES | | | | |
|-----------------|---------------------|-----|---------------|-------------------------|
| WATER/WELL well | SEWER/SEPTIC septic | GAS | ELECTRICITY X | TYPE OF HEAT forced air |

I have carefully examined and read this application and know the same is true and correct, and that in doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in the application; and that no work will be covered up until such inspections have been complied with.

EXISTING USE PROPOSED USE
vacant lot Single Family dwelling

EST. CONSTRUCTION COST LICENSE NUMBER PERMIT FEE
\$196,020.00

SIGNATURE DATE
[Signature] 7/26/94

FOR OFFICE USE ONLY

DISTRICT IN FEET FROM RW LINE TO FRONT BUILDING LINE _____
SIDE YARD (DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE) _____
TO SIDE BUILDING LINE _____
DISTANCE IN FEET, REAR YD. REQUIRING SET _____
BACK (CORNER LOT ONLY) _____ SDP #

| FUNCTION | DATE | SIGNATURE APPROVAL |
|-------------------|---------|--------------------|
| ZONING/PLANNING | | |
| SHA | | |
| SEDIMENT/GRADING | | |
| BUILDING OFFICIAL | | |
| WATER & SEWER | | |
| HEALTH DEPT. | 8/17/94 | Amy McMillan |
| FIRE PROTECTION | | |
| STORM WATER MGM. | | |

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

APPROVED DATE

CAUTION
To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.
Use and occupancy permit must be applied for two weeks before it will be issued.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

LP-69-591

Distribution of Copies:
White - Building Official
Green - Planning & Zoning
Yellow - Engineering
Pink - Health Dept.
Gold - S.H.A.

D AS FOLLOWS
 BY RAKING, DISCING
 & SEEDING

C LIMESTONE (92 LBS./
 0-20-20 FERTILIZER
 HARROW OR DISC
 AT TIME OF SEEDING
 REFORM FERTILIZER
 1/2 ACRE 615 LBS./

1 APRIL 30, AND AUGUST
 00 LBS. PER ACRE (2.3
 ALL FESCUE FOR THE
 10 WITH 60 LBS./ACRE
 ALL FESCUE AND
 1 FT.) OF WEEPING
 OCTOBER 16 THROUGH
 TION (1) - TWO TONS PER
 ICH AND SEED AS SOON AS
 - USE 500. OPTION (3) -
 31 TALL FESCUE AND MULCH
 ED STRAW. ALL SLOPES SHOULD

10 TO 90 LBS./1,000 SQ.FT.)
 IMMEDIATELY AFTER SEEDING
 APPLICATION USING 200
 2 FT.) OF EMULSIFIED
 5 0 FEET OR HIGHER USE
 00 SQ.FT.) FOR ANCHORING.

MAKE NEEDED REPAIRS,

HEMUNG CROWNVECH AT 15
 L FESCUE AT 40 LBS./ACRE AS
 MUM SEEDING DATE FOR THIS

AREAS LIKELY TO BE REDISTURBED
 COVER IS NEEDED.

SOIL BY RAKING, DISCING
 & SEEDING

FERTILIZER 04 LBS./1,000 SQ. FT.)

1 APRIL 30, AND AUGUST
 WITH 1 1/2 BUSHEL PER ANNUAL
 PERIOD MAY 1 THRU AUGUST 14.
 G LOVEGRASS (07 LBS./1,000 SQ.FT.)
 20 FEBRUARY 28. PROTECT SITE BY
 ELL ANCHORED STRAW MULCH AND
 HE SPRING, OR USE 500.

1 (70 TO 90 LBS./1,000 SQ.FT.)
 IMMEDIATELY AFTER SEEDING
 APPLICATION USING MULCH
 5 PER ACRE (5 GAL./1,000 SQ.FT.)
 ACRES. ON SLOPES 0 FEET OR HIGHER,
 1/2 L./1,000 SQ.FT.) FOR ANCHORING.

STANDARDS AND SPECIFICATION FOR SOIL
 FOR RATE AND METHODS NOT COVERED.

SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.
2. INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.
3. PERFORM NECESSARY GRADING AND STABILIZE THE SITE.
4. AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS.

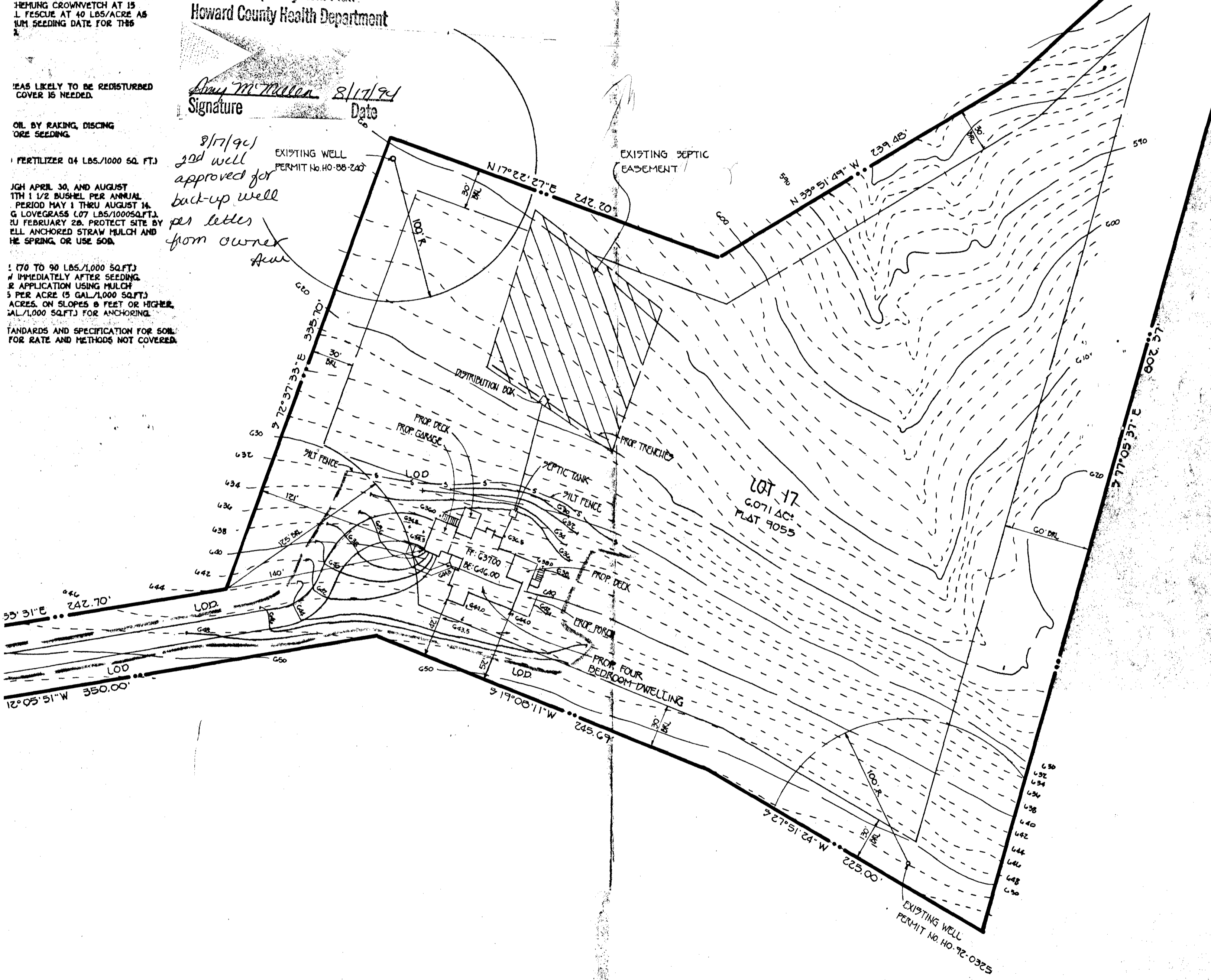
GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
2. PROPOSED 2,000 GALLON SEPTIC TANK
3. A. FIRST FLOOR ELEVATION: C46.00
 B. BASEMENT ELEVATION: C37.00
 C. INVERT OF SEPTIC SYSTEM AT HOUSE: C34.00
 D. INVERT IN AT SEPTIC TANK: C33.0
 E. INVERT OUT AT SEPTIC TANK: C33.0
 F. PROPOSED GRADE OVER SEPTIC TANK: C36.0
 G. INVERT AT DISTRIBUTION BOX: C19.0
 H. EXISTING GROUND OVER DISTRIBUTION BOX: C19.0
 I. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE
4. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION
5. MAINTAIN 1-2% GRADE 10' PRIOR TO DISTRIBUTION BOX.
6. CLEANOUTS REQUIRED EVERY 70'.

Approved Septic System Plan
 Howard County Health Department

David M. McLean 8/17/94
 Signature Date

8/17/94
 2nd well
 approved for
 back-up well
 per letter
 from owner
 A.M.



5/1/92
Retest
A.M.

APPLICATION

PERCOLATION TESTING

Retest (?) A 40859
5/1/92 P _____

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

DISTRICT _____

DATE _____

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 Dwight Muller + Laurie Lavoie

ADDRESS _____ PHONE 570-0235

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION FOX MOOR LOT NO. # 17 Retest

ROAD AND DESCRIPTION 17706 HUNT MASTER COURT

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG _____
(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.

(SIGNATURE OF APPLICANT)

Tentative
APPROVED BY _____ FOR Shallow system only DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 5/1/92 Well site - wharf water well to be used; HOUSE SITE;

CERTIFIED C. Redwood

BLDG. PERMIT SIGNED

AND RETURNED 8/17/94
Serial # 53711
SFD - YBm

HD-216

THIS IS NOT A PERMIT

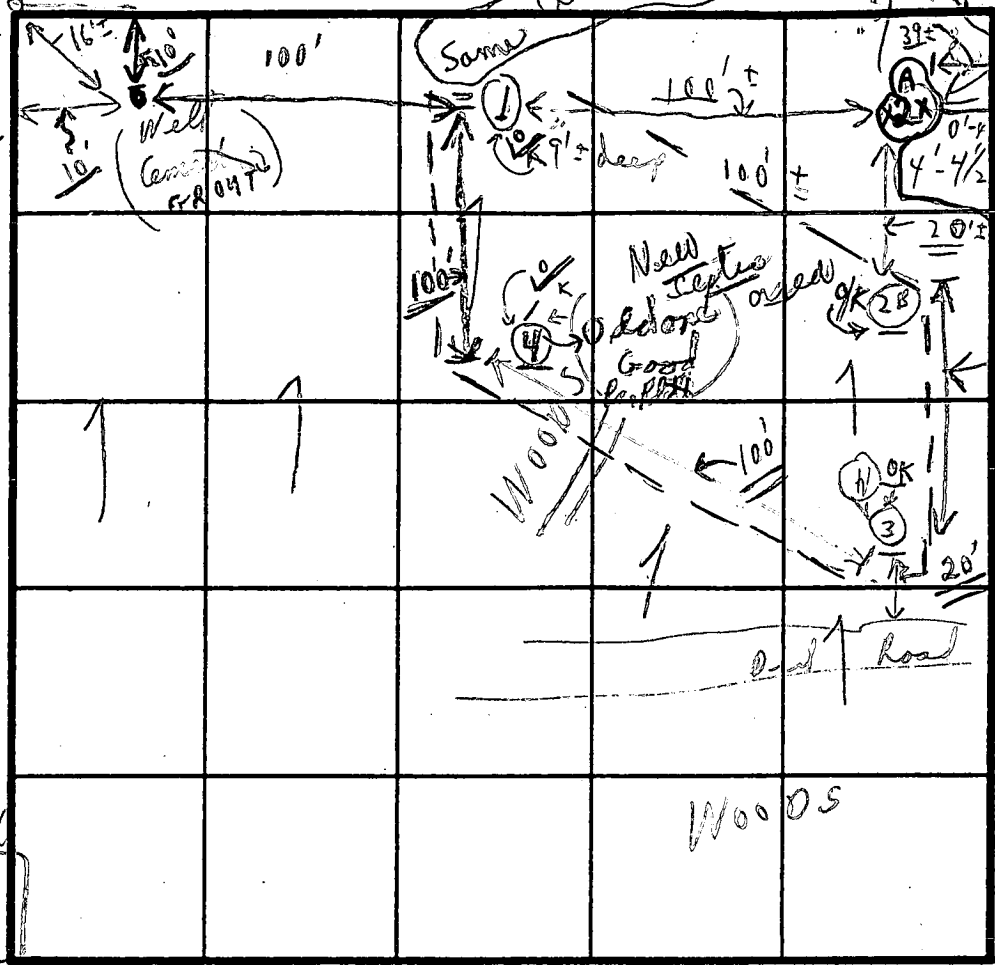
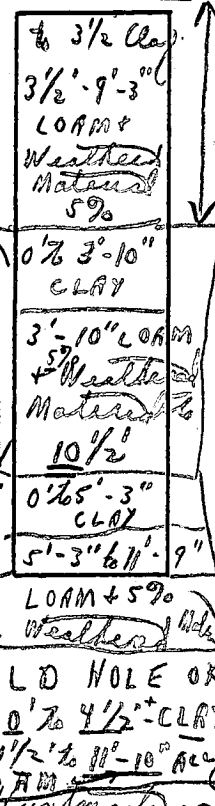
FOXMOOR

LOT 17

Retest

BORES

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

| DATE | Form | TEST NO. | Pr. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|------|----------|-----|----------|-------------------|-------------------|----------------|--------------------|------------------------------|
| | | | | | START | STOP | START | STOP | |
| 5/11/92 | | 1 | 21 | 3 1/2' | 10:20 | 10:31 | 10:31 | 10:55 | 20 min |
| | | 2 | | 9'-3" | 0' to 3 1/2' Clay | 3 1/2' to 9'-3" | LOAM + 5% | Weathered Material | Shale Only |
| | | 3 | | 3'-10" | 10:22 | 10:26 | 10:26 | 10:41 | 15 min |
| | | 2B | | 10 1/2" | 0' to 3'-10" Clay | 3'-10" to 10 1/2" | LOAM + 5% | Weathered Material | No x test |
| | | 3 | | 4' 1/2" | 10:42 | 10:50 | 10:50 | 11:04 | |
| | | 3 | | 11' 9" | 0' to 5' Clay | 5' to 11' 9" | LOAM (5%) | Weathered Shale | 11' 9" HOLDING OR MAY POURED |
| | | 4 | | 5'-3" | 10:59 | 11:09 | 11:09 | 11:32 | 23 min |
| | | 4 | | Old hole | 0' to 4 1/2" Clay | 4 1/2" to 11'-10" | LOAM + 5% | Weathered Material | BELOW CLAY |

280 ^{lb}/FT

SPECS - BR.

SEPTIC SYSTEM

KEEP ALL TRENCHES FROM WATER WELL

Septic System Starts

Tests in woods Run trenches

Notes Holes 3 + 4 slightly deeper than 1/2' to 1 1/2'

TYPE OF SOIL

TESTED BY

ALSO PRESENT

Trench 3 1/2' shallow; 5' 1/2' 3' well; 2' of stone

Best soil + (2) of this Mrs Warren @ site

APPLICATION

PERCOLATION TESTING

A 40857

P _____

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

DISTRICT _____

DATE _____

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 Long Meadow Ventures

ADDRESS 40 Orchard Development Corp PHONE Gary Colton

PROSPECTIVE BUYER 7020 Oakland Mills

ADDRESS Columbia, MD 21046 PHONE _____

PROPERTY LOCATION:

SUBDIVISION FOXMOOR LOT NO. 17 Reperc

ROAD AND DESCRIPTION Timberleigh way

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. SFD
(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.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10-26-89 Pending perc hole locations and final plat approval. Unclear if 10,000 sqft exists here. SHALLOW SYSTEM ONLY. Bottom max depth of 5.0 ft. JEN

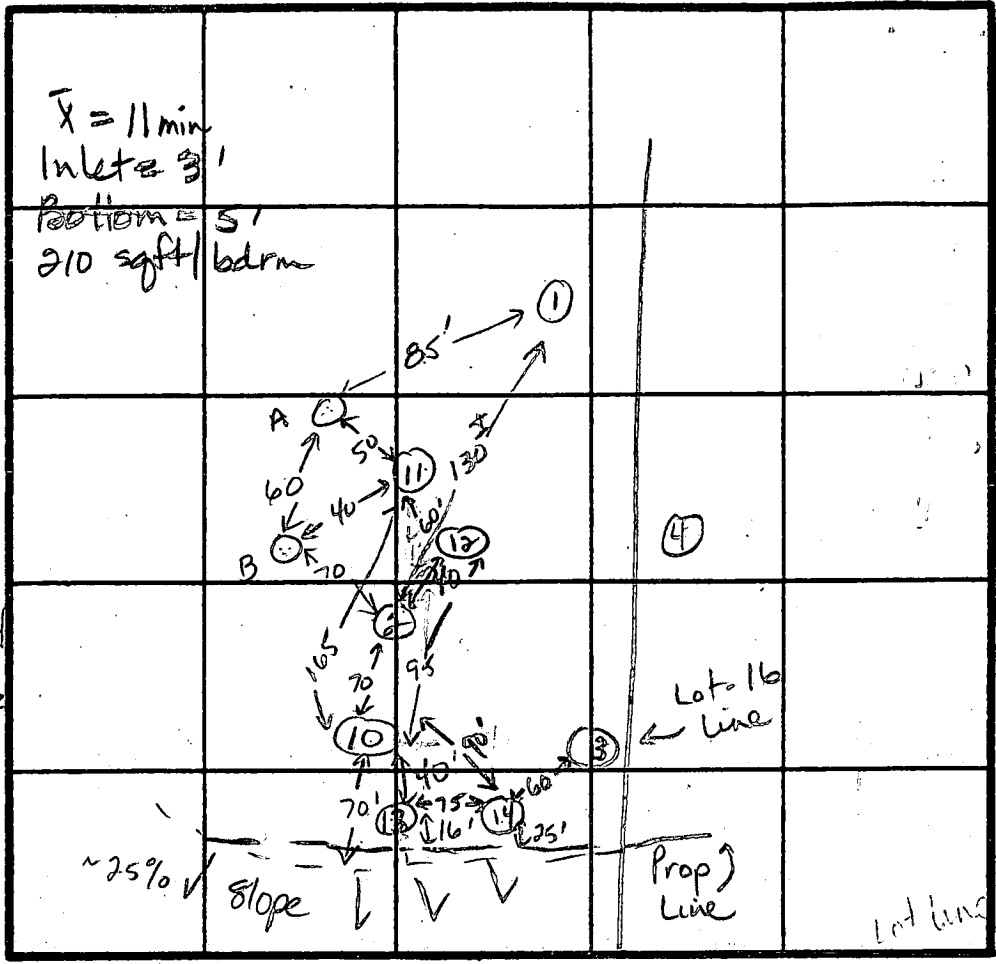
HD-216

THIS IS NOT A PERMIT

A 40857

10
SOIL PROFILE

0-3.0 Red-brown
si cl lm
3.0-6.0 Rd-br sa
si lm, little
rock frags
< 10%
6.0-11.5 Gray-br
sa si lm,
little weathered
structured
rock, near horiz
beds, < 25%
11.5 Refusal



13
0-4.0 Br cl sa
si lm
4-8.5 Gray-br
sa si lm,
weathered,
structured
rock w/
near horiz.
beds, < 70%
8.5 Refusal
14
0-4.0 Br cl si
lm,
4.0-11.5 Br sa si
lm, < 15%
rock
slightly
structured
11.5 Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

11
0-3.5 Red-br
si cl lm
little rock
frags < 15%
3.5-5.5 Gray-br
si lm,
structured
rock
< 80%
5.5 Refusal

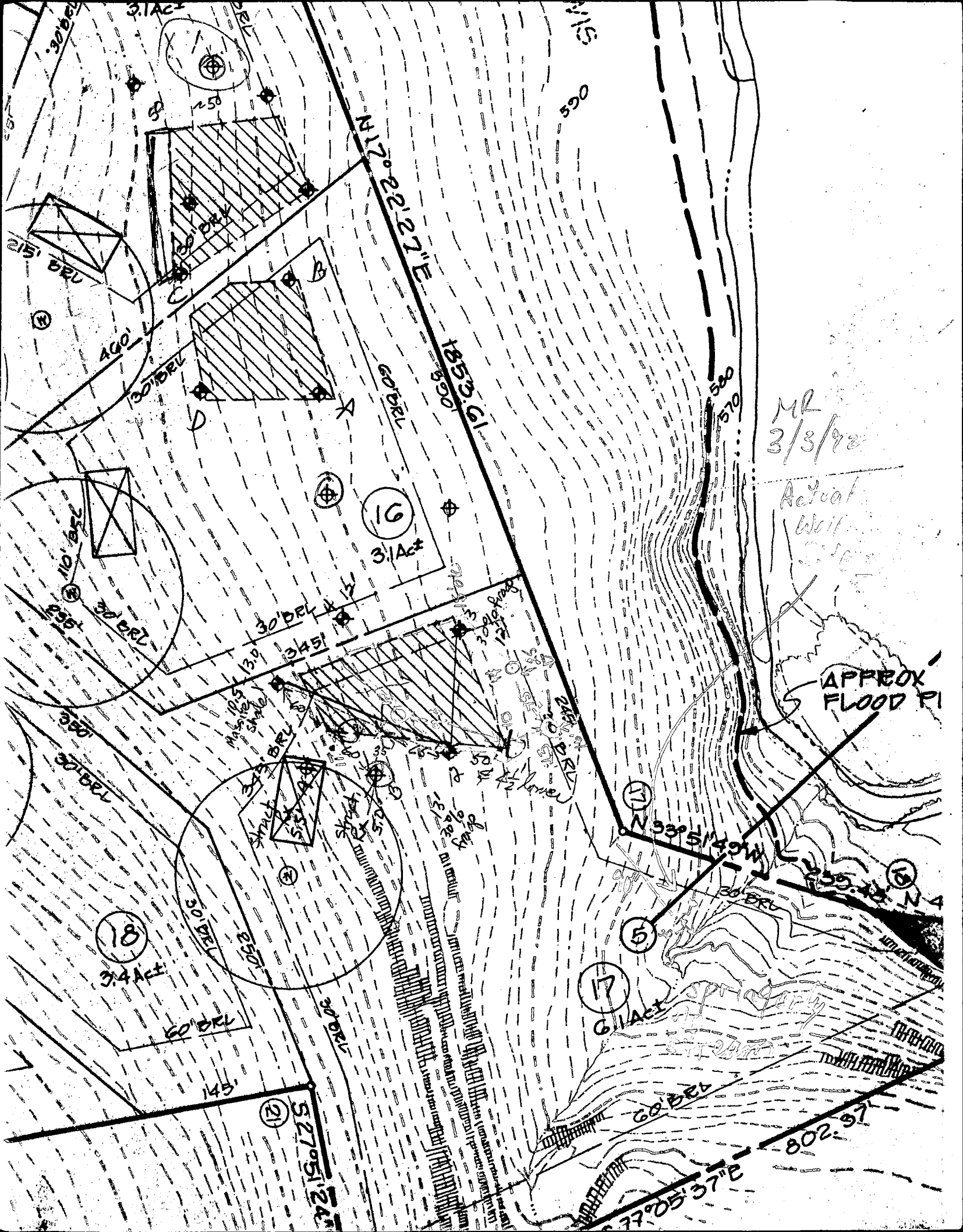
12
0-4.5 Rd-br si
cl lm, < 10%
rock frags
4.5-11.5 Rd-br sa si
lm, some
weathered
structured
rock, near
horiz beds
< %
11.5 Refusal

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|----------|-----------|-----------|------------------------------------|-------|----------------|-------|----------------|
| | | | START | STOP | START | STOP | |
| 10-26-89 | 17E #1121 | 10 3.0 S | 11:18:36 | 11:28 | 11:28 | 11:56 | 28min |
| | | 4.5 M | 11:14:54 | 11:17 | 11:17 | 11:20 | 3min |
| | | 11.5 D | Refusal (Little structured rx) | | | | ok |
| | 16F #1122 | 11 5.5 V | (Refusal at 5.5 ft) | | | | No |
| | | 12 11.5 V | (Refusal at 11.5', Rock at 9.0 ft) | | | | 20min Marginal |
| | | 13 8.5 V | Structured rock at 4.0 ft | | | | No |
| | | 14 11.5 V | see profile | | | | ok |

use
use
use

Use holes 2, 10, 12, 14, 3 and adjacent to old 4

REMARKS Old holes located, similar soils, recommend trench bottom 5.0' max,
TYPE OF SOIL 0-3 Rd-br si cl lm, 3-6 Rd-br sa si lm, 6-11.5 Gray-br si lm
TESTED BY Jane E. Nadeau ALSO PRESENT Dave Hopkins, Desmond Cole, Gary Cotton
< 25% rock



MR
3/3/92

Actual
Wells

APPROX
FLOOD PI

N17°22'27"E
1853.61'

16
3.1 Act

N93°51'49"W
111.1'

17
6.1 Act

18
3.4 Act

S27°05'24"
527.05'

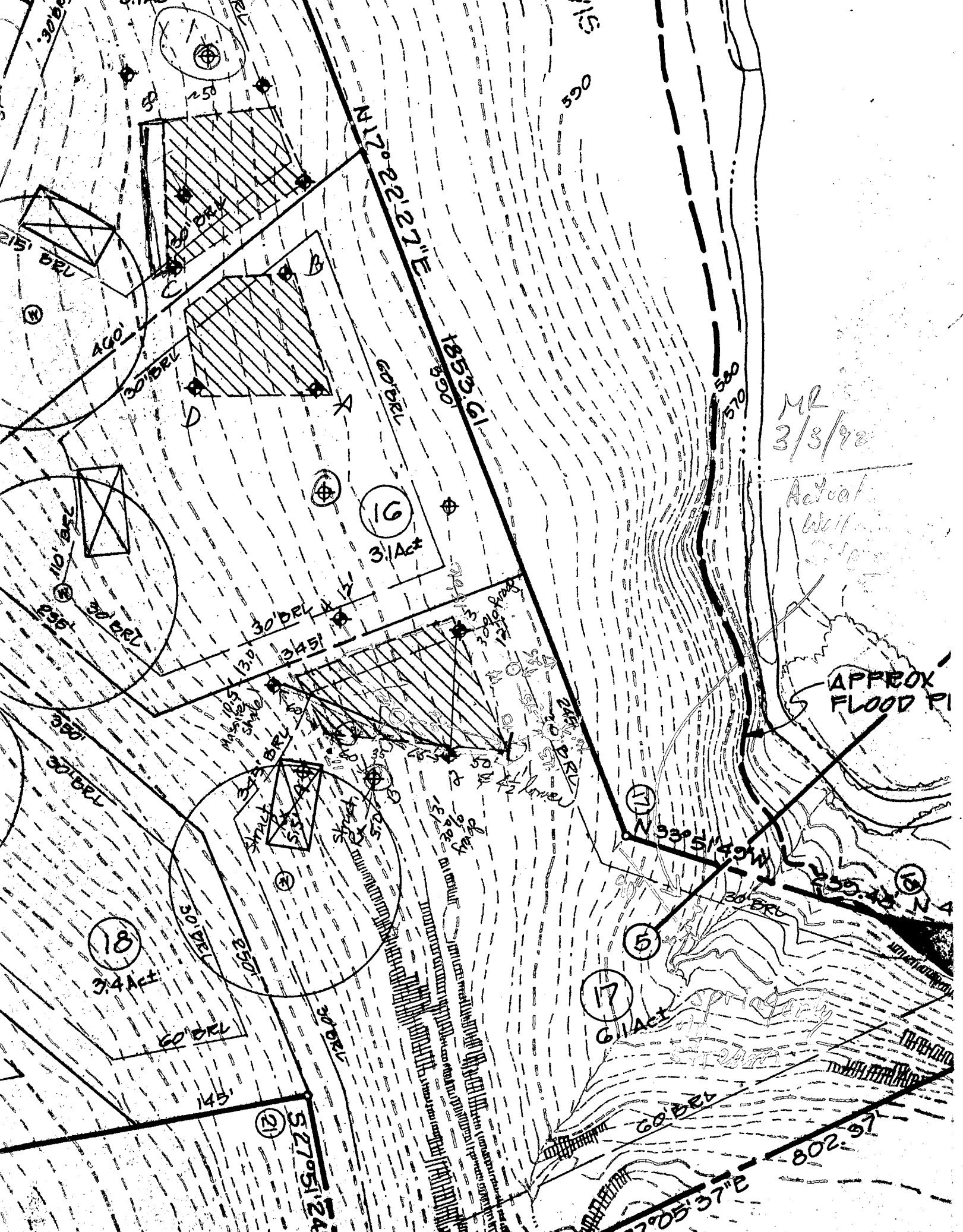
S77°05'37"E
802.97'

10.5
Massive
shale

clay
shale

SPRING

N4



APPLICATION

40857
40859

PERCOLATION TESTING

A _____
P _____

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

DISTRICT Fourth

DATE 12-15-87

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 Long Meadow Venturers

ADDRESS 7050 Oakland Mills Road Suite 100 PHONE 301-290-9494

PROSPECTIVE BUYER Columbia, MD 21046

ADDRESS Attention: Mr. Earl Armiger PHONE _____

PROPERTY LOCATION:

SUBDIVISION Foxmoor LOT NO. X4 *LOT 17 Preliminary*

ROAD AND DESCRIPTION End of Timberleigh Way

TAX MAP 12 PARCEL # 16

SIZE OF LOT 3.0 Acres TYPE BLDG Single Family
(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.

Jeffrey E. Frank, agent
(SIGNATURE OF APPLICANT)

APPROVED BY Sid White FOR Standard trench DATE 2-21-89

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 3-8-88 Perc Satisfactory - hold for P.O.T. SA

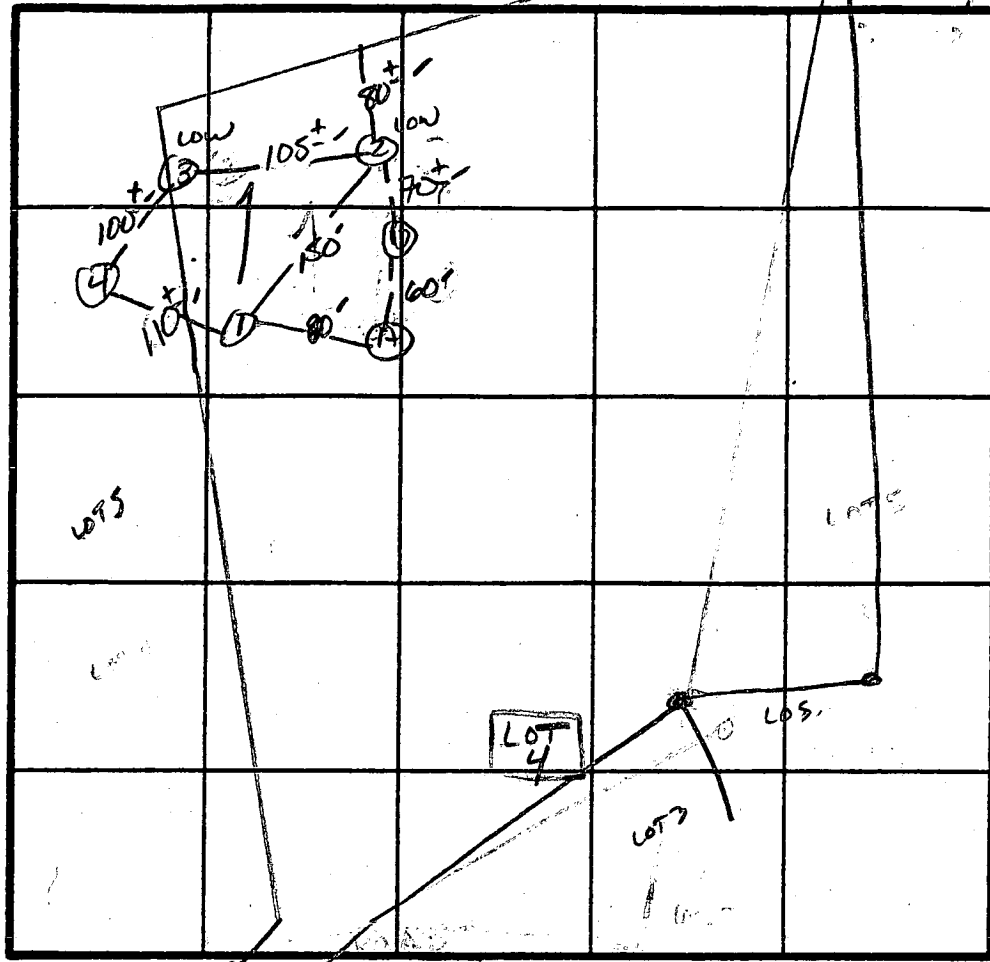
SHALLOW SYST. TOP SEAM ~~PERC~~ TANK - SET AT HIGH HOLE OF Perc Field. SA

HD-216

THIS IS NOT A PERMIT

SOIL PROFILE

| | |
|-------|--------------------------------|
| 0' | A1-3 |
| 4.5' | RED BR. CLAY LOAM 10-15% FRAGS |
| 10.5' | RED BR. SILT LOAM 15-20% FRAGS |
| 13' | MASSIVE SHALE |



X Perc
 8 min
 INLET 3.5
 BOTTOM 5.5
 120 #/BR

INDICATE NORTH - NAME ADJOINING-ROADWAY AS BASE LINE.

Florence Rd.

② ③

| | |
|-----|---|
| 3" | A1-3 |
| 4" | RED BR. SILT CLAY LOAM 10-15% FRAGS |
| 13" | DIFF TO yellow ORN silt loam 25-30% SHALE FRAGS |

MN LOAM

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME | |
|--------|------------|--------------------------|-------------------------------------|-------|----------------|-------|--------|--|
| | | | START | STOP | START | STOP | | |
| 3/8/88 | ✓ S M | 4.5' | 11:21 | 11:23 | 11:23 | 11:29 | 6 min | |
| | | 9.0' | 11:22 | 11:25 | 11:25 | 11:33 | 8 min | |
| | ✓ IV | 13' | MASSIVE SHALE FRAGS below 10.5' | | | | | |
| | ✓ 2 S M | 4.5' | 11:28 | 11:30 | 11:30 | 11:34 | 4 min | |
| | | 9.5' | 11:28 | 11:30 | 11:30 | 11:35 | 5 min | |
| | ✓ 2 V | 13' | UNIFORM below 3.5' | | | | | |
| | ✓ 3 S M | 4.5' | 11:37 | 11:39 | 11:39 | 11:44 | 5 min | |
| | | 9.5' | 11:37 | 11:42 | 11:42 | 11:53 | 11 min | |
| | ✓ 3 V | 12' | see #2 same | | | | | |
| | ✓ 4 S M | 5' | 11:46 | 11:55 | 11:55 | 12:15 | 20 min | |
| | | 9' | 11:46 | 11:50 | 11:50 | 11:57 | 7 min | |
| | ✓ 4 V | 12' | SIMILAR TO #1 w/ LESS MASSIVE SHALE | | | | | |
| | A B | STRUCTURED STRUCTURED | AT 5.5' | | | | | |
| | | | AT 5.0' | | | | | |

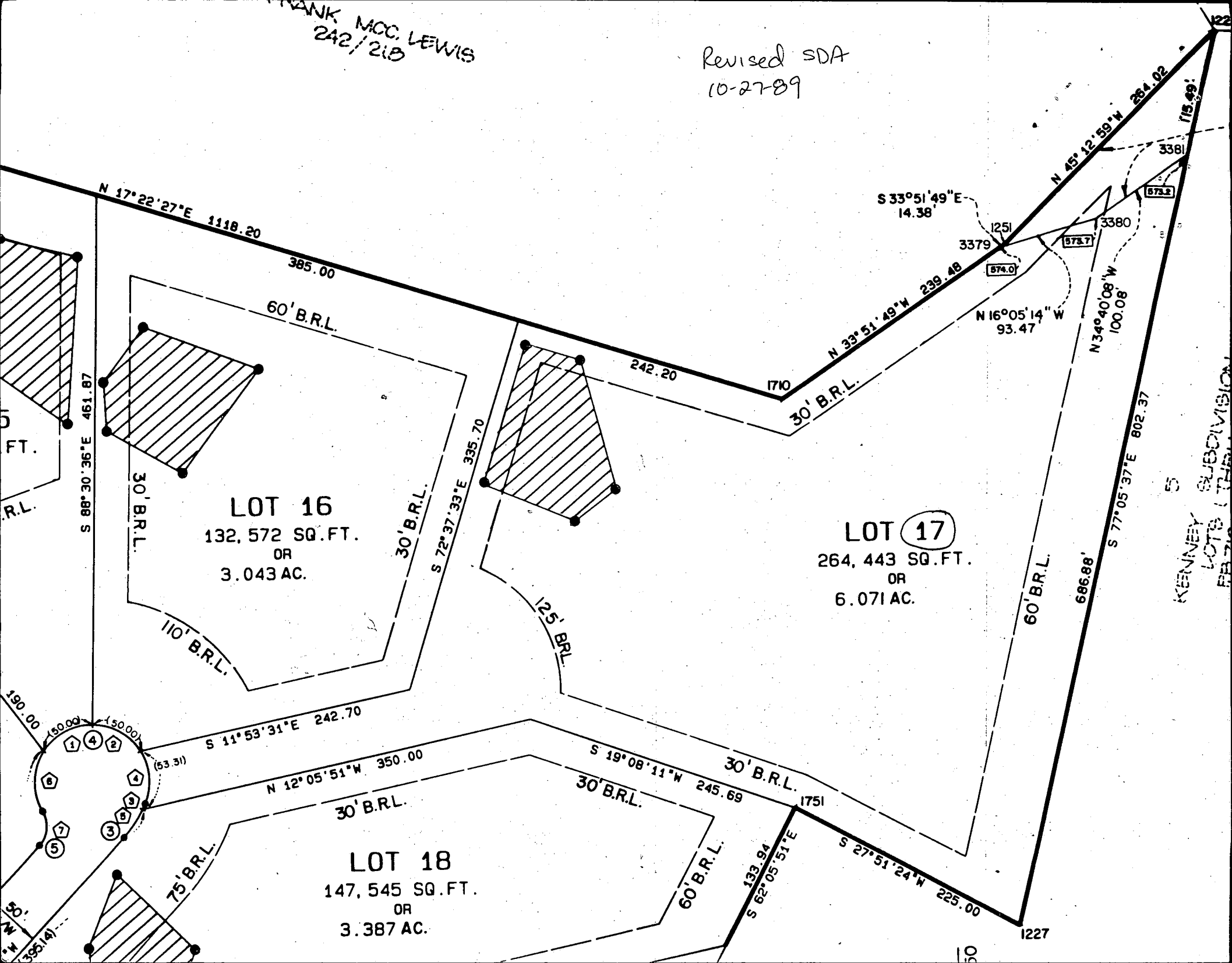
REMARKS Holes DIFF THAN PLAT

TYPE OF SOIL ME clay MANDR

TESTED BY S. Muel ALSO PRESENT KEANLY-DAUG

FRANK MCC. LEWIS
242/218

Revised SDA
10-27-89

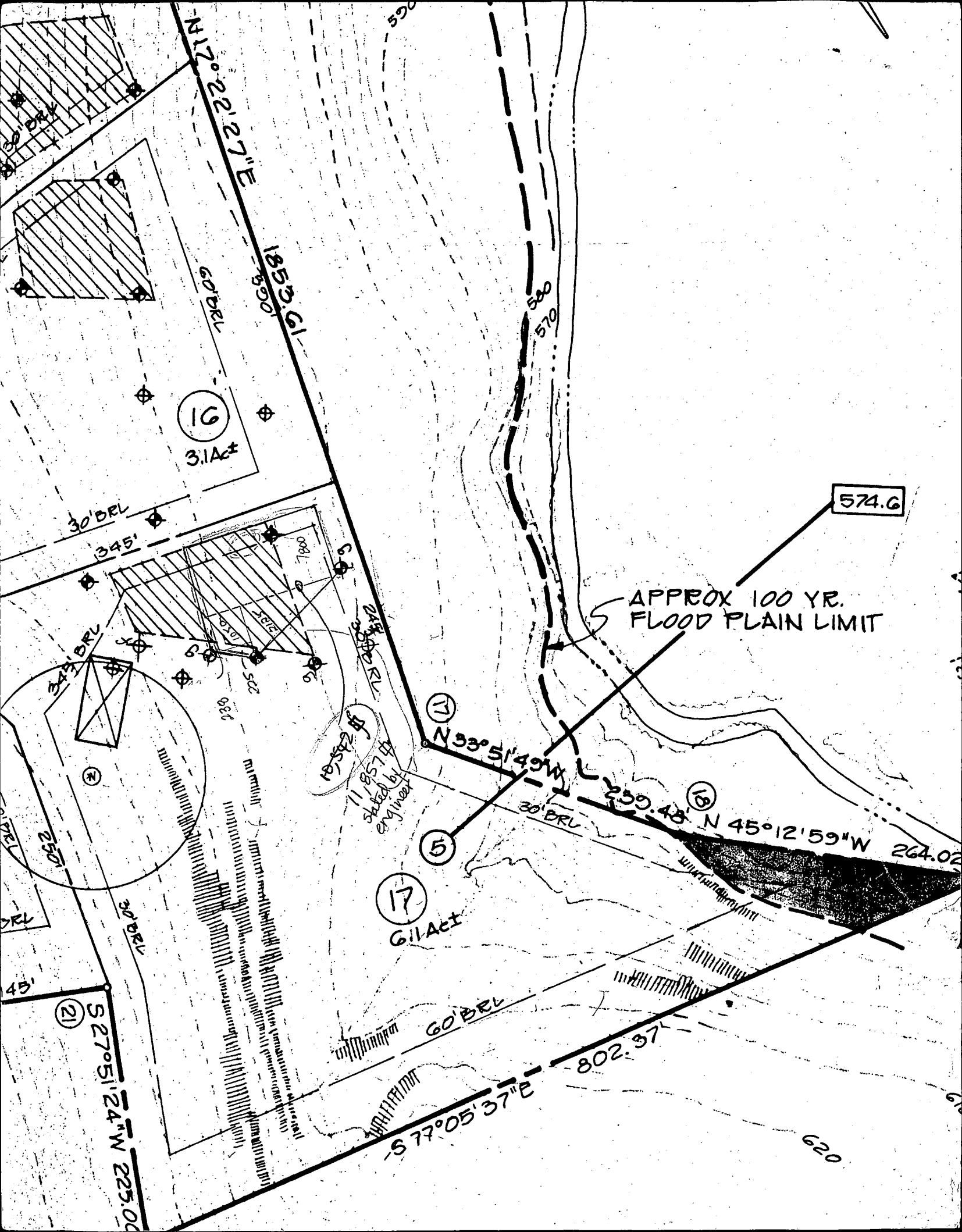


LOT 16
132,572 SQ. FT.
OR
3.043 AC.

LOT 17
264,443 SQ. FT.
OR
6.071 AC.

LOT 18
147,545 SQ. FT.
OR
3.387 AC.

KENNEY SUBDIVISION
LOTS 1 THROUGH 5



16
3.1 Acs

17

5

17
6.1 Acs

18

21

574.6

APPROX 100 YR.
FLOOD PLAIN LIMIT

N17°22'27"E

1853.61

60' BRU

30' BRU

345'

345' BRU

N33°51'49"W

30' BRU

239.48 N 45°12'59"W

264.02

60' BRU

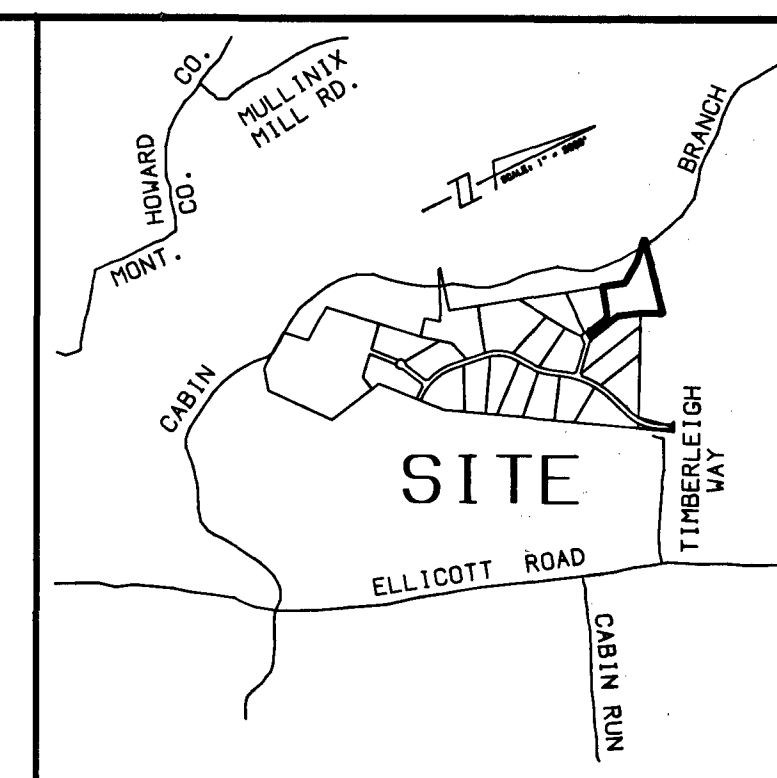
802.37

S77°05'37"E

620

1035.42
11857.44
sketch by
engineer

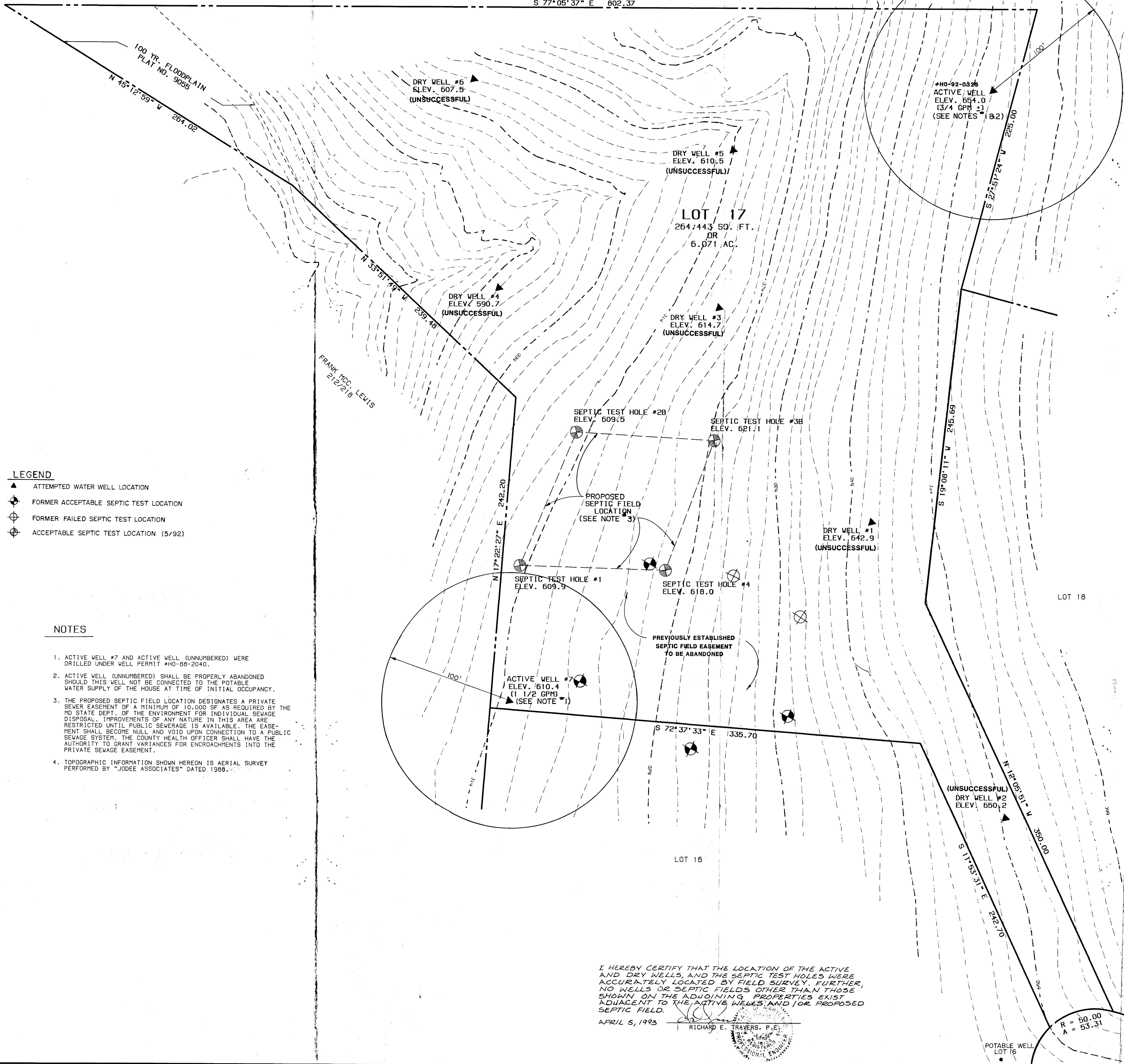
PROPERTY OF THE STATE OF TEXAS
COUNTY OF DALLAS
CITY OF DALLAS
DEPARTMENT OF PUBLIC WORKS
DIVISION OF UTILITY SERVICES
UTILITY SERVICES SECTION
1100 NORTH GAVIN AVENUE
DALLAS, TEXAS 75202
PHONE 214-241-2200
FAX 214-241-2201
WWW.CITYOFDALLAS.ORG



VICINITY MAP
SCALE: 1" = 2000'

| LOT NO. | PERCOLATION TEST DATE | PERMITS | TEST DATE | TEST DATA |
|---------|-----------------------|---------|-----------|-----------|
| 17 | LOT 17 | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

APPROVED FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
George M. Boyd, Health Officer
4/15/93
DATE



- LEGEND**
- ▲ ATTEMPTED WATER WELL LOCATION
 - ⊕ FORMER ACCEPTABLE SEPTIC TEST LOCATION
 - ⊗ FORMER FAILED SEPTIC TEST LOCATION
 - ⊕ ACCEPTABLE SEPTIC TEST LOCATION (5/92)

- NOTES**
1. ACTIVE WELL #7 AND ACTIVE WELL (UNNUMBERED) WERE DRILLED UNDER WELL PERMIT #HO-88-2040.
 2. ACTIVE WELL (UNNUMBERED) SHALL BE PROPERLY ABANDONED SHOULD THIS WELL NOT BE CONNECTED TO THE POTABLE WATER SUPPLY OF THE HOUSE AT TIME OF INITIAL OCCUPANCY.
 3. THE PROPOSED SEPTIC FIELD LOCATION DESIGNATES A PRIVATE SEWER EASEMENT OF A MINIMUM OF 10,000 SF AS REQUIRED BY THE MD STATE DEPT. OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THE EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT.
 4. TOPOGRAPHIC INFORMATION SHOWN HEREON IS AERIAL SURVEY PERFORMED BY "JODEE ASSOCIATES" DATED, 1988.

I HEREBY CERTIFY THAT THE LOCATION OF THE ACTIVE AND DRY WELLS, AND THE SEPTIC TEST HOLES WERE ACCURATELY LOCATED BY FIELD SURVEY. FURTHER, NO WELLS OR SEPTIC FIELDS OTHER THAN THOSE SHOWN ON THE ADJOINING PROPERTIES EXIST ADJACENT TO THE ACTIVE WELLS AND/OR PROPOSED SEPTIC FIELD.

APRIL 5, 1993 RICHARD E. TRAVERS, P.E.

NOTE:
THE PURPOSE OF THIS PLAT IS TO RELOCATE THE EXISTING SEPTIC FIELD EASEMENT TO THE PROPOSED LOCATION SHOWN.

Signed File Copy

PRINTED
APR 14 1993
PHR & A
ROCKVILLE

PLAT SHOWING
WELL AND SEPTIC TEST HOLE LOCATIONS
LOT 17 FOXMOOR
PLAT 9055
DATE: APRIL 5, 1993
SCALE: 1" = 30'

PHR & A
Patten Morris Root & Associates, PC
2628 Somerset Plaza
Baltimore, Maryland 21208
301-762-5000 Telex: 301-762-7244
Facsimile: (301) 762-8042



PHR&A

Patton Harris Rust & Associates, pc
7609 Standish Place
Rockville, Maryland 20855
301 762-2220

PROJECT CONFERENCE RECORD

SHEET 1 OF 1

By: Lance

Project: FOXMOOR LOT 17 File No.:

Place: HOWARD CO. DEPT HEALTH Date: 7.2.92 Time:

Phone Conversation Meeting Other

Attendees: _____ Copies to: KAREN WARNES

LANCE LANG (PHRA) CHESAPEAKE HOLDINGS

CRAIG WILLIAMS (HO. CO.)

Phone Conversation between: _____ and _____

Subjects Discussed/Notes: ① MOVE LOCATION OF SEPTIC FIELD —
NO PROBLEM — PHR&A CAN COMPLETE
& SUBMIT PLANS — PLS GIVE NOTICE TO
PROCEED

② ALTERNATIVE WELL LOCATIONS FOR LOT 17 ON LOT 19 OR 20.
HO. CO. HEALTH DEPT WILL REVIEW AND APPROVE PLANS
FOR AN ALTERNATIVE WELL LOCATION IF THE WELL IS
DRILLED NOW.

HO. CO. WILL NOT APPROVE OF "FUTURE" WELL. TOO
MUCH DISTURBANCE / TOO MANY HEADACHES LATER
WHEN INDIVIDUAL LOTS ARE UNDER OWNERSHIP.

IF WE PLAN TO PROCEED — ATTY FOR CHESAPEAKE
HOLDINGS NEEDS TO FORMULATE AN EASEMENT DOCUMENT.
THERE IS NO STD. LANGUAGE FOR HO. CO. WE WILL
SUBMIT AND THEY WILL COMMENT. PHR&A CAN
PREPARE ASSOCIATED PLATS.

DRILLER: REMOVE COPY AND RETAIN FOR YOUR RECORDS. RETURN COUNTY COPY TO COUNTY ENVIRONMENTAL AGENCY. RETURN ALL OTHER PARTS TO DEPARTMENT OF ENVIRONMENT, 2500 BROENING HIGHWAY, BALTIMORE, MARYLAND 21224.

23844

Associated Printers, Inc.

| | | | | |
|---|-------------|---|--|---|
| C1 | 5116 | SEQUENCE NO. (OF NV USE ONLY) | STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE | THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED |
| (THIS NUMBER IS TO BE PUNCHED IN COLS 3-6 ON ALL CARDS) | | | | |
| ST/CO USE ONLY DATE RECEIVED | | DATE WELL COMPLETED | | Depth of Well |
| PERMIT NO. FROM "PERMIT TO DRILL WELL" | | | | |
| OWNER <u>Chesapeake Holding Co</u> | | TOWN <u>Florence</u> | | |
| STREET OR RFD <u>Hunt Master Court</u> | | SECTION <u>17</u> | | |
| SUBDIVISION <u>Fox Moor</u> | | LOT <u>17</u> | | |
| WELL LOG Not required for driven wells | | GROUTING RECORD | | |
| STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING | | WELL HAS BEEN GROUTED (Circle Appropriate Box) | | |
| DESCRIPTION (Use additional sheets if needed) | | TYPE OF GROUTING MATERIAL | | |
| FEET | | CEMENT <input checked="" type="checkbox"/> CM BENTONITE CLAY <input checked="" type="checkbox"/> BC | | |
| FROM TO | | NO. OF BAGS NO. OF POUNDS | | |
| GALLONS OF WATER | | DEPTH OF GROUT SEAL (to nearest foot) | | |
| TOP BOTTOM | | ft. to ft. | | |
| Check if water bearing | | CASING RECORD | | |
| TOP SOIL | | casing types insert appropriate code below | | |
| CLAY | | <input checked="" type="checkbox"/> ST <input checked="" type="checkbox"/> CO | | |
| brown shale | | STEEL CONCRETE | | |
| blue slate | | <input checked="" type="checkbox"/> PL <input checked="" type="checkbox"/> OT | | |
| brown slate | | PLASTIC OTHER | | |
| Flint | | MAIN CASING TYPE | | |
| blue slate | | Nominal diameter top (main) casing (nearest inch) | | |
| Flint/Mixed | | Total depth of main casing (nearest foot) | | |
| | | <input checked="" type="checkbox"/> ST <input checked="" type="checkbox"/> 6 <input checked="" type="checkbox"/> 20 | | |
| | | OTHER CASING (if used) diameter depth (feet) from to | | |
| | | SCREEN RECORD | | |
| | | screen type or open hole insert appropriate code below | | |
| | | <input checked="" type="checkbox"/> ST <input checked="" type="checkbox"/> BR <input checked="" type="checkbox"/> HO | | |
| | | STEEL BRASS OPEN HOLE | | |
| | | <input checked="" type="checkbox"/> PL <input checked="" type="checkbox"/> OT | | |
| | | PLASTIC OTHER | | |
| | | C2 | | |
| | | DEPTH (nearest ft.) | | |
| | | 170 181 300 | | |
| | | Diameter of Screen (Nearest Inch) | | |
| | | 4 6 | | |
| | | GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT IN BOX 68 | | |
| | | USE ONLY (NOT TO BE FILLED IN BY DRILLER) | | |
| | | T (E.R.O.S.) W O | | |
| | | TELESCOPE CASING LOG INDICATOR OTHER DATA | | |
| DRILLER'S IDENT. NO. | | LOCATION OF WELL ON LOT | | |
| DRILLER'S SIGNATURE | | SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL) | | |
| OWNER'S SIGNATURE ON APPLICATION | | Side line 105' x well | | |
| OWNER'S SIGNATURE | | Hunt Master Ct. | | |

ORIGINAL

8/5/94

Must abandon 3/4 gal a minute well -
can't use for reserve - Does not meet
the minimum requirements of a
new well - call owner to let them
know.

8/9/94

8:30am Informed contractors that they
would have to abandon well HO-92-0325.
Due to low yield before BP is signed -
He will speak to owners - They
may retest to see if yield is higher.

8/4/94

- Called Dennis of Kimble Contractors to ask which well would be used (one well is down grade from septic area)
Waiting for return call
- He called back - they are going to use the lower well - don't agree to this.



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

April 27, 1993

Reply to:

MEMORANDUM

TO: George Easterday
L. F. Easterday, Inc.

FROM: Mark Rifkin *MR*
Water & Sewerage Program

RE: Foxmoor Lot 17
Huntmaster Ct.

Enclosed please find well permit HO-92-0325, to be applied to the lower yield well on lot 17. The higher yield well has already been permitted as HO-88-2040.

The third well permit application is returned marked void. We have had no recent indication of any interest in an additional well from the prospective property owner.

When you return the completion report for the second well (HO-92-0325), please include a confirmation that all dry holes on the property have been appropriately filled in.

There have been quite a number of conversations about this property over the last two years. If the above information is not consistent with your understanding, please contact me to discuss any areas of uncertainty.

MR

August 11, 1994

FROM: Kimble Contractors Inc.
4540 Old Balt. Natl. Pike, Suite 2
Mt. Airy, Md. 21771

To: Craig D. Williams
Director, Water And Sewerage Program
Bureau Of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, Md. 21043

REFERENCE: WELL
SUBDIVISION FOXMOOR
LOT 17
ADDRESS 17706 HUNTMASER CT. WOODBINE, MD. 21797
PERMIT # 55616

Dear Craig Williams

As per our conversation on August 10, 1994 I am requesting that the health department allow Lavoie, Mueller (owners). to leave existing two wells in tact. The one # Ho. 88-2040 they are going to put into service now, the second well # 92-0325 will not be put into service at this time but because of the difficulty in finding water on this property they would like to use this well as a back-up well should the need arise. It is my understanding that there was seven dry wells dug on this property before finding water in these two wells.

I talked to Easterday well drilling today. George will go out and weld a cap on well # Ho. 92-0325 This should take care of concerns of ground water entering or the well becoming contaminated. Easterday will tentatively cap this well on August 12, 1994.

If you have any other questions or need to speak to me please call my office at (301) 831-7022 or my pager at (301) 253-8497.

Thank you for looking into this matter for me.

Sincerely Yours

Dennis Kimble
Dennis Kimble
(President)

C.C.
Lavoie, Mueller
Craig Williams
Kimble Contractors, Inc.

ACCEPTED - NORMALLY SUCH ARRANGEMENTS ARE CAUSE FOR OBJECTION, GIVEN THE HISTORY OF UNSUCCESSFUL WELLS ON THIS LOT, BETTER TO MAINTAIN ANY AVAILABLE SURVEY 8/17/94 *C. Williams*

BP 51660
& RETURNED
8/17/94

3-14-95
Inspection:
could not
remove cap
to see welded
cap on well
but builder
showed me the
paid invoice &
recip + from
G. Easterday
well drilling
of the work
being
completed.
on
HO. 92-0325
Amy
McMullen

C1 9272 SEQUENCE NO. (DENV USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 WELL COMPLETION REPORT
 FILL IN THIS FORM COMPLETELY
 PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER **A40857**

ST/CO USE ONLY
 DATE Received [] [] [] [] [] []
 DATE WELL COMPLETED **04/14/92**

Depth of Well **600**
 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"
HO-94-0325

OWNER **Theresa Marie Hukling**
 STREET OR RFD **11111 WASTEN CT** first name **Theresa** TOWN **FLORENCE**
 SUBDIVISION **FOXMOUL** SECTION **well # 2** LOT **17**

WELL LOG
 Not required for driven wells
 STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

| DESCRIPTION (Use additional sheets if needed) | FEET | | Check if water bearing |
|---|------|-----|------------------------|
| | FROM | TO | |
| TOP SOIL | 0 | 2 | |
| Clay | 2 | 3 | |
| Shaley | 3 | 8 | |
| Mica | 8 | 205 | |
| Flint | 205 | 208 | ✓ |
| Mica Flint | 208 | 600 | |
| Mixed | | | |

note - 1/2 gpm
 see HO-88-2040
 FOR DRY HOLES
 ALL FILLED IN

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **6** NO. OF POUNDS **600**
 GALLONS OF WATER **30**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **18** ft.

CASING RECORD
 casing types insert appropriate code below
ST CO STEEL CONCRETE
PL OT PLASTIC OTHER
 MAIN CASING TYPE **ST** Nominal diameter top (main) casing (nearest inch) **6** Total depth of main casing (nearest foot) **24**

OTHER CASING (if used)
 diameter inch [] [] depth (feet) from [] to []

SCREEN RECORD
 screen type or open hole insert appropriate code below
ST BR HO STEEL BRASS OPEN HOLE
PL OT PLASTIC OTHER

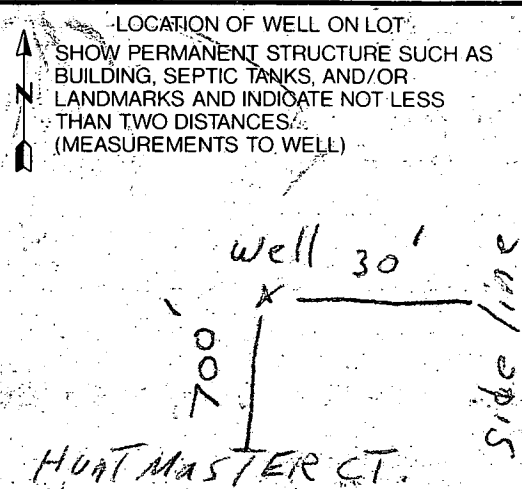
C2
 DEPTH (nearest ft.)
 EACH SCREEN **HO** 20 600
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN [] (NEAREST INCH)
 from [] to []

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) W Q
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C3
PUMPING TEST
 HOURS PUMPED (nearest hour) **6**
 PUMPING RATE (gal. per min. to nearest gal.) **1**
 METHOD USED TO MEASURE PUMPING RATE **Bucket**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **91**
 WHEN PUMPING **251**
 TYPE OF PUMP USED (for test)
A air **P** piston **T** turbine
C centrifugal **R** rotary **O** other (describe below)
J jet **S** submersible

PUMP INSTALLED
 DRILLER WILL INSTALL PUMP YES **NO**
 IF DRILLER-INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED []
 PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: []
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) [] []
 PUMP HORSE POWER [] []
 PUMP COLUMN LENGTH (nearest ft.) [] []
 CASING HEIGHT (circle appropriate box and enter casing height)
 (+) above } LAND SURFACE [] (nearest foot)
 (-) below }



CIRCLE APPROPRIATE LETTER
A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. **40**
 DRILLERS SIGNATURE **George F. Gaston**
 SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee) **Charles F. Feller**

of _____

second set

3-25-92
8:00

Review _____

FIELD DATA SHEET
HYDROGEOLOGIC AREA (3) WELL YIELD TEST

Maryland Well Permit No. ~~70-88-2090~~

Election District _____

Location of Property (road) Huntmaster Ct

Subdivision Ches Furrow Lot 17 Block _____ Plat _____ Sec. _____

Well Driller Easterday Owner Chesapeake

Depth of Well 600

Distance of Measuring Point (M.P.) above ground 2'

Static Water Level (S.W.L.) below M.P. 66

I. High Rate Pumping -- reservoir drawdown

Time pump started 8:55 Pumping rate 10 GPM

Total time 35 min to reach pumping water level 170.3 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes.

| TIME | WATER LEVEL Below M.P. | PUMPING RATE Time to fill gal. bucket | FLOW METER READING (if used) | CALCULATED FLOW (gallons per min.) |
|-------|---------------------------|---|---------------------------------|---------------------------------------|
| 9:30 | 170.3 | 50 sec | | 1.2 |
| 9:45 | 170.2 | 50 | | 1.2 |
| 10:00 | 170.6 | 55 | Pump 320 | 1.09 |
| 10:15 | 170.7 | 55 | | 1.09 |
| 10:30 | 173 | 70 | | .85 |
| 10:45 | 173.1 | 70 | | .85 |
| 11:00 | 173.2 | 70 | | .85 |
| 11:15 | 173.35 | 70 | Trailer | .85 |
| 11:30 | 173.4 | 70 | | .85 |
| 11:45 | 173.5 | 70 | | .85 |
| 12:00 | 173.55 | 70 | | .85 |
| 12:15 | 173.9 | 70 | | .85 |
| 12:30 | 174.2 | 70 | | .85 |
| 12:45 | 174.85 | 80 | | .75 |
| 1:00 | 174.8 | 80 | | .75 |
| 1:15 | 174.7 | 80 | | .75 |
| 1:30 | 174.7 | 80 | | .75 |
| 1:45 | 174.85 | 80 | | .75 |
| 2:00 | 175 | 80 | | .75 |
| 2:15 | 174.75 | 90 | | .66 |
| 2:30 | 174.75 | 90 | | .66 |
| 2:45 | 174.7 | 90 | | .66 |
| 3:00 | 174.7 | 90 | | .66 |
| 3:15 | 174 | 90 | | .66 |
| 3:30 | 174.75 | 90 | | .66 |

B 1 **3937** SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

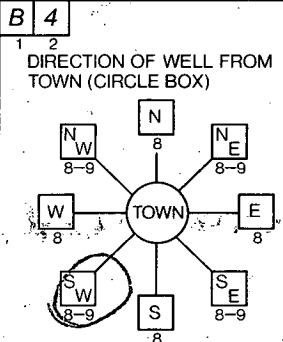
STATE OF MARYLAND
 APPLICATION FOR PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO-92-0325
 70 fill in this form completely 79

Date Received (APA) **092092**
 OWNER INFORMATION
CAESAR FEAKE HOLDING
 15 Last Name Owner First Name 34
POA 1596
 36 Street or RFD 55
BALTIMORE MD 21203
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
 1 2 **HOWARD**
 8 COUNTY 21
FARMWOOD
 23 SUBDIVISION 42
 SECTION **17** LOT **well #2**
 44 46 48 50
LAWRENCE
 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **1** M I
 73 76 77 78

DRILLER INFORMATION
George F. Easterday
 40
 77 License No. 80
 Driller's Name
L. Franklin Easterday, Inc.
 Firm Name
9265 Brown Church Rd., Mt. Airy, Md. 21771
 Address
George F. Easterday 4/16/92
 Signature Date



HUNTMASTER CT
 11 NEAR WHAT ROAD 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 34 **800** 37 DISTANCE FROM ROAD
 ENTER FT or MI **87**
 38 39

B 2 WELL INFORMATION
 1 2 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 8 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**
 14 20

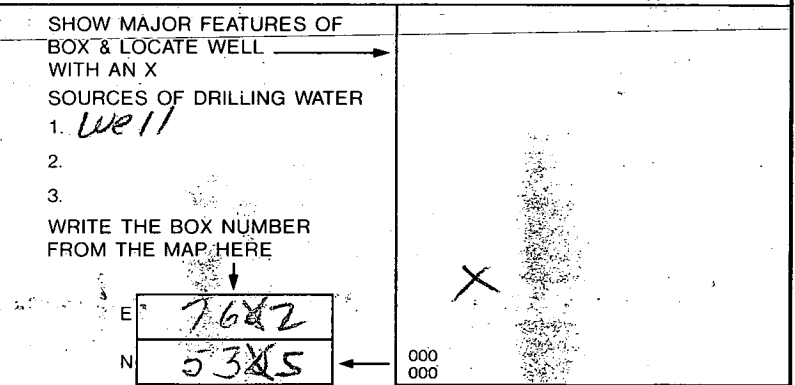
USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard **A40857**
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE INSERT S
 DATE ISSUED **041593** **Mark E. Ruffin** 10/15/93
 43 48 CO SIGNATURE 49
 NORTH GRID **535000** EAST GRID **0762000**
 50 55 57 63

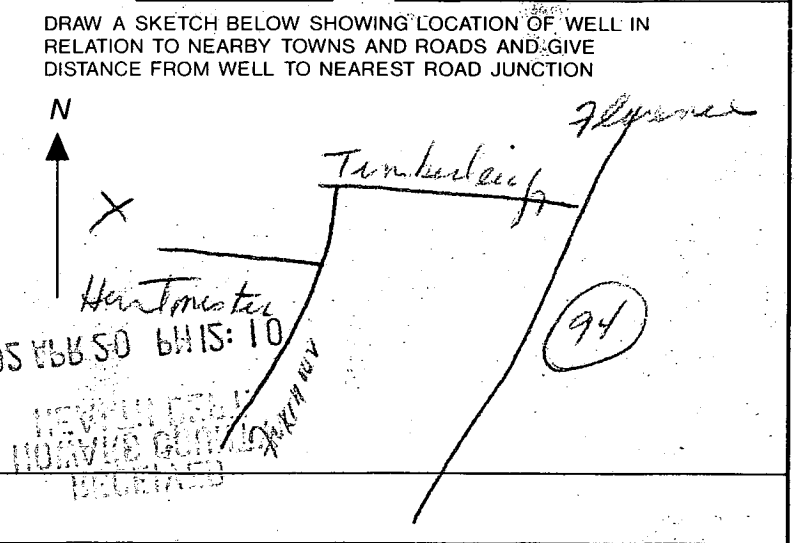
APPROXIMATE DEPTH OF WELL **200** FEET
 24 28

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REVerse-ROTary Drive-POINT
 other



REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52



Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 54 63
 FORCE **MR** WRITE INITIALS IN BOX PERMIT No. **HO-92-0325**
 67 68 70 71 72 73 74 75 76 77 78 79
 SPECIAL CONDITIONS

G1 9285 SEQUENCE NO. (DENY USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 WELL COMPLETION REPORT
 FILL IN THIS FORM COMPLETELY
 PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER A 40857

ST/CO USE ONLY DATE Received: [] [] [] [] [] [] DATE WELL COMPLETED 041492
 Depth of Well 400 (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-88-2040

OWNER Chesapeake Holding Co. last name first name TOWN FLORENCE
 STREET OR RFD 7144th St. SECTION LOT 17- well #3
 SUBDIVISION FOXMOOR

WELL LOG
 Not required for driven wells
 STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

| DESCRIPTION (Use additional sheets if needed) | FEET | | Check if water bearing |
|---|------|-----|------------------------|
| | FROM | TO | |
| Top soil | 0 | 2 | |
| Clay | 2 | 6 | |
| Shaley | 6 | 12 | |
| Brown slate | 12 | 17 | |
| Blue slate | 17 | 42 | |
| Brown slate | 42 | 55 | ✓ |
| Blue slate | 55 | 400 | |
| Flint mixed | | | |

400'
400'
300'
400'
300'
400'
340' DRY TUBE

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
 TYPE OF GROUTING MATERIAL
 CEMENT BENTONITE CLAY
 NO. OF BAGS 6 NO. OF POUNDS 600
 GALLONS OF WATER 30
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 18 ft.

CASING RECORD
 casing types insert appropriate code below
 ST CO STEEL CONCRETE
 PL OT PLASTIC OTHER
 MAIN CASING TYPE ST
 Nominal diameter top (main) casing (nearest inch) 6
 Total depth of main casing (nearest foot) 20

OTHER CASING (if used)
 diameter inch depth (feet) from to

SCREEN RECORD
 screen type or open hole insert appropriate code below
 ST BR HO STEEL BRASS OPEN HOLE
 PL OT PLASTIC OTHER

DEPTH (nearest ft.)
 HO 18 400
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH) [] [] [] [] [] []
 from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) W Q
 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST
 HOURS PUMPED (nearest hour) 6
 PUMPING RATE (gal. per min. to nearest gal.) 1
 METHOD USED TO MEASURE PUMPING RATE Bucket
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING 32
 WHEN PUMPING 156
 TYPE OF PUMP USED (for test)
 A air P piston T turbine
 C centrifugal R rotary O other (describe below)
 J jet S submersible

PUMP INSTALLED
 DRILLER WILL INSTALL PUMP YES NO
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED []
 PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) [] [] [] [] [] []
 PUMP HORSE POWER [] [] [] [] [] []
 PUMP COLUMN LENGTH (nearest ft.) [] [] [] [] [] []
 CASING HEIGHT (circle appropriate box and enter casing height)
 + above } LAND SURFACE
 - below } (nearest foot)

LOCATION OF WELL ON LOT
 SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)
 10' 10' well back line
 left side line

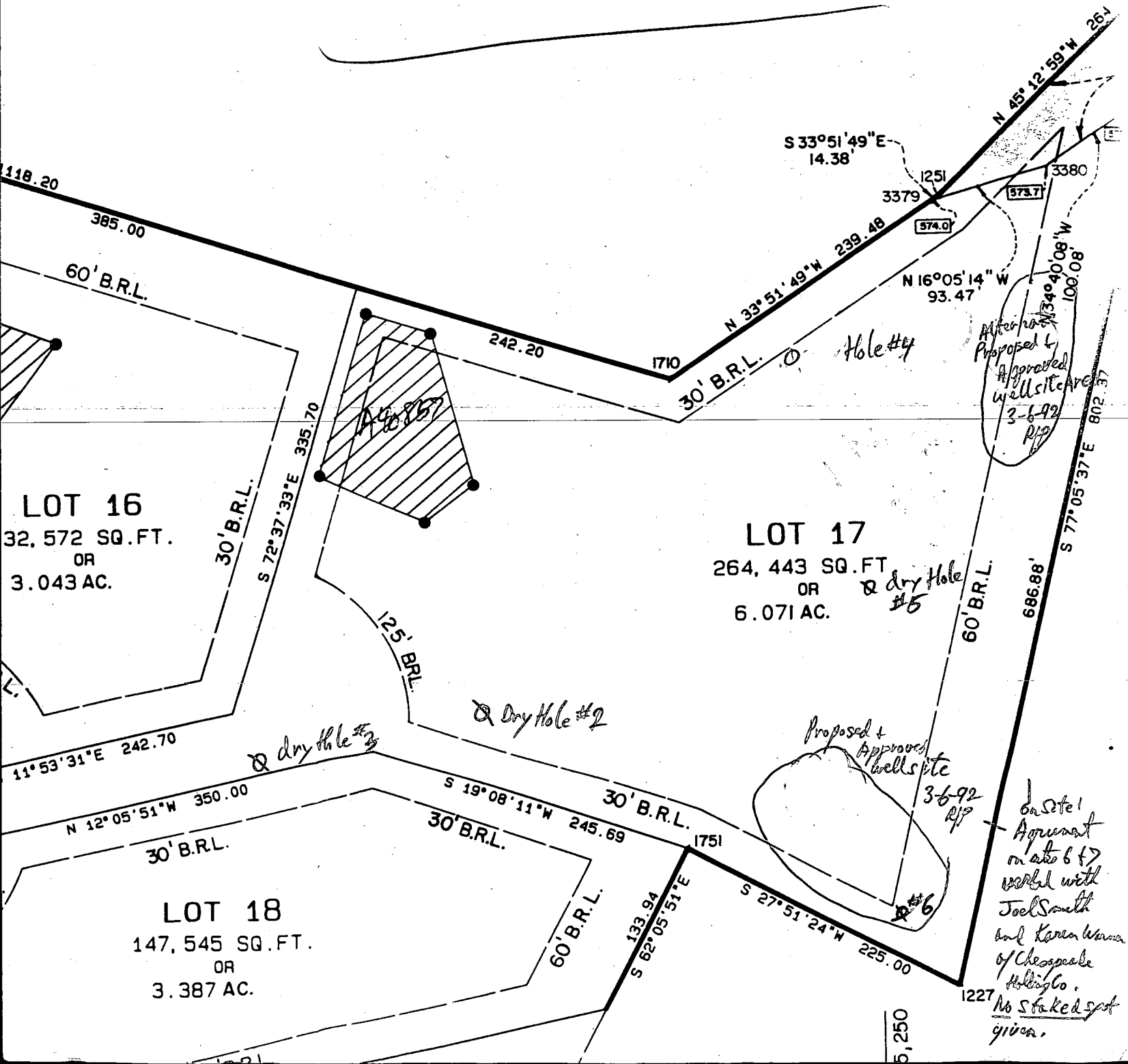
CIRCLE APPROPRIATE LETTER
 A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
 E ELECTRIC LOG OBTAINED
 P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 40
 DRILLERS SIGNATURE George J. Easterday
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

COPIED FROM
FOXMOON SIGNED FINAL PLAN
F 89-165

FRANK MCC. LEWIS
242/218



B 1 5361

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

40-88-2040

fill in this form completely

Date Received (APA)

01/14/92

OWNER INFORMATION

Chesapeake Building

DOB 1596

Baltimore MD 21203

B 3

LOCATION OF WELL R 9200

Howard

FOLMOOR

SECTION 17

216 PRICE

MILES FROM TOWN (enter 0 if in town) 1 MI

DRILLER INFORMATION

George F. Easterday

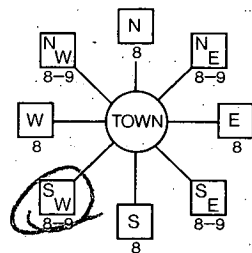
L. Franklin Easterday, Inc.

9265 Brown Church Rd., Mt. Airy, Md. 21771

George F. Easterday 1/8/92

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Huntmaster Ct

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



200-300' 400' DISTANCE FROM ROAD

ENTER FT or MI FT

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A 40857

STATE SIGNATURE DATE ISSUED

01/13/92

NORTH GRID 535000 EAST GRID 0962000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary Drive-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE RP PERMIT No. 40-88-2040

SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. well 4/13
2. (?) on this well
3. WRITE THE BOX NUMBER FROM THE MAP HERE
E 762 2
N 532 5
3/2/92 8:00 MR
20' CASING 3/3/92
18' OPEN GROUT
7 BAGS OR NOT OBS'D
CASING A.G.
+ 3 DRY HOLES
V TAG OK

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION
ALL 5 DRY HOLES LOC. NEAR/SDA? FILLED IN Timberleigh GROUT OK
MR 4/14/92
6 BAGS well #1
2' CASING A.G.
18' OPEN
20' CASING
NEED TAG
1 1/2 CASING A.G.
COUNTY NEED TAG