

Tag ID -05-342511

PERMIT

SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
410-313-2640

P 5/3700

A 42975

ISSUE DATE 7/24/2000

APPROVAL DATE 8/1/00

INDEXED

K & K Excavating IS PERMITTED TO INSTALL _____ ALTER _____

ADDRESS 14960 Frederick Road Woodbine, MD 21797 PHONE 442-1336

SUBDIVISION Hayland Farm (Bassler's) LOT NUMBER _____ ADDRESS 5008 Sheppard Lane

PROPERTY OWNER Bassler's Inc. PROPERTY OWNER'S ADDRESS 4994 Sheppard Lane

SEPTIC TANK CAPACITY 1000 GALLONS - INSTALL 2 SEPTIC TANKS IN SERIES

PUMP CHAMBER CAPACITY N/A GALLONS

NUMBER OF BEDROOMS 3

SQUARE FEET PER BEDROOM 210

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES: Trenches to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. 2.0 feet of stone below distribution box.

LOCATION: 2 SEPTIC TANKS IN SERIES TO BE INSTALLED; CONTRACTOR TO PROPOSE -
PRIOR TO PERMIT ISSUANCE - SEPTIC TANK AND DRAINFIELD CONFIGURATION
THAT WILL PROVIDE AMPLE OPPORTUNITY FOR ONE FULL REPLACEMENT SYSTEM BY
GRAVITY. (FULL SEPTIC AREA CANNOT REASONABLY BE ACCESSED FROM ANY
REASONABLE SEPTIC TANK LOCATION) 5/22/00 OR AU

INSTALLER CERTIFIES THAT INTENDED TANK POSITION WILL

AFFORD ROOM FOR INITIAL TRENCH INSTALLATION + 1 FULL REPLACEMENT SET

PLANS APPROVED Craig Williams DATE 5/22/00

PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

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

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

NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED

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

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

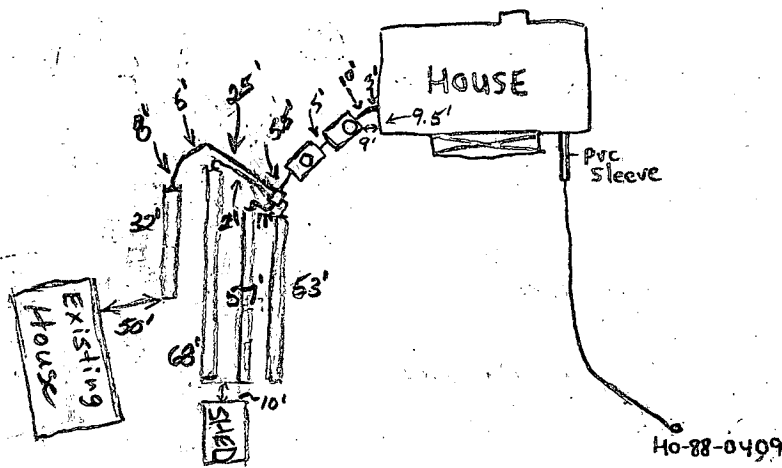
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE
SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

A 42975

NOT TO SCALE



TRENCH DATA

TRENCH WIDTH 3.0'
TRENCH INLET DEPTH 4.0' avg.
TRENCH BOTTOM DEPTH 6.0' avg.
DEPTH OF STONE 2.0'
NUMBER OF TRENCHES 4
TOTAL TRENCH LENGTH 210'
ABSORBENT AREA 630'
DISTRIBUTION BOX LEVEL OK
BAFFLE IN DISTRIBUTION BOX Yes

SEPTIC TANK DATA

SEPTIC TANK 2-1000TS GALLONS
MANHOLE RISER 1 on each tank
6 INCH INSPECTION PORT None

~~PUMP CHAMBER DATA~~

~~PUMP CHAMBER
GALLONS
MANHOLE RISER
ALARM
PUMP PERFORMANCE TEST~~

PRE-CONSTRUCTION INSPECTION: Check in location of trench and water. Check

INSPECTION COMMENTS: 8/1/00 House connection made. Trenches started out ~5.0'
deep and were up to 7.0' deep at ends. Contractor had to go against contour
in order to best utilize area. System satisfactory. OK to cover. Sufficient
area for another system in easement. BB

INSPECTOR B. Baker

DATE SYSTEM APPROVED 8/1/00

† Generally only within 100-year floodplain areas

PROPERTY OF
BASSLERS, INC.
LIBER 1899, FOLIO 625

5008 SHEPPARD LANE

TENANT HOUSE "G"

Approved Septic System Plan
Howard County Health Department

Boo1 24011 3(2) BR
SFD

C. W. Widen

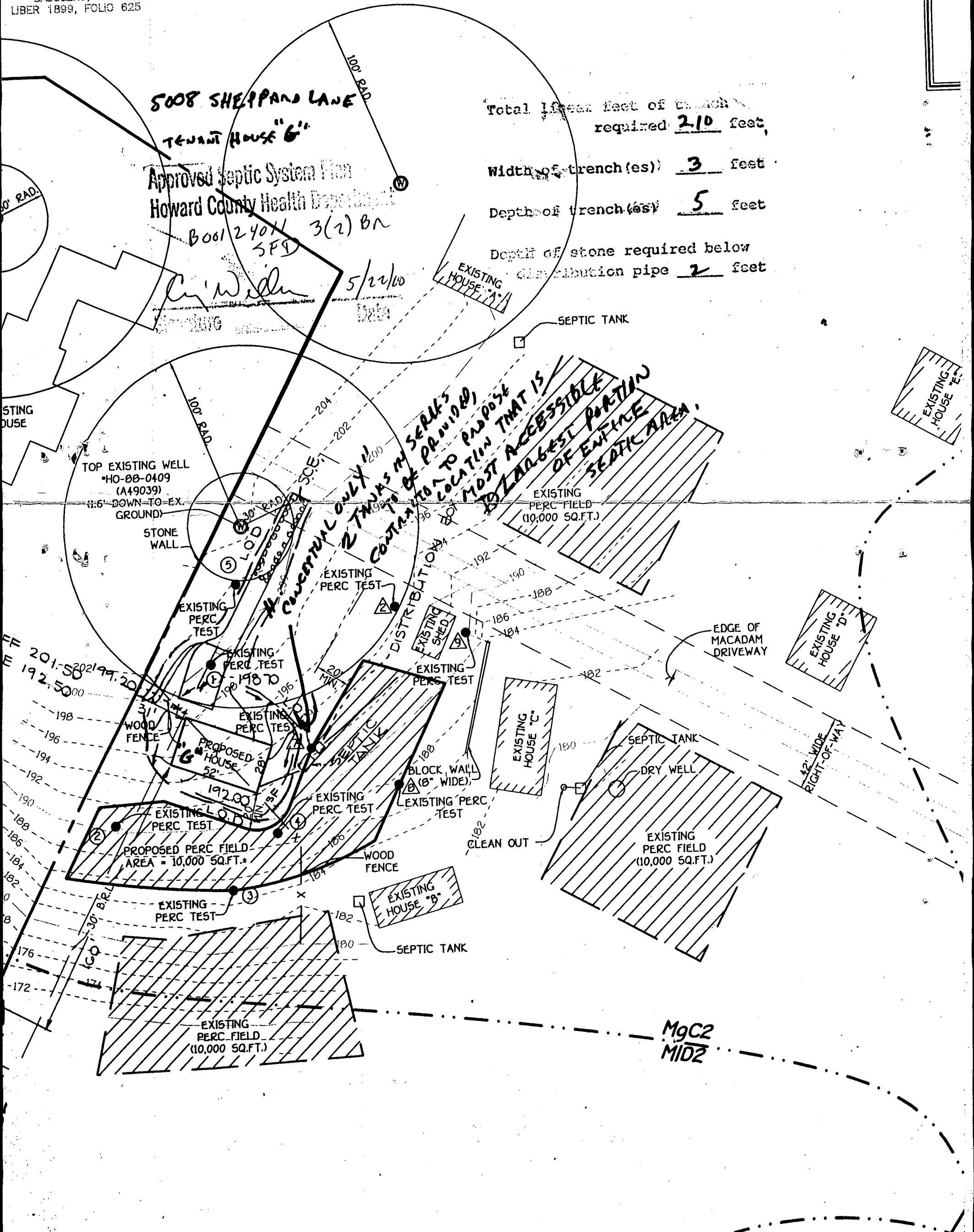
5/22/00

Total linear feet of trench
required 210 feet

Width of trench(es) 3 feet

Depth of trench(es) 5 feet

Depth of stone required below
distribution pipe 2 feet



EXISTING HOUSE

TOP EXISTING WELL
•HO-08-0409
(A49039)
(1.6' DOWN TO EX.
GROUND)

STONE WALL

EXISTING
PERC FIELD
(10,000 SQ.FT.)

EXISTING
PERC TEST

EXISTING
PERC TEST

EXISTING
PERC TEST

EXISTING
PERC TEST

WOOD
FENCE

EXISTING
PERC TEST

PROPOSED
HOUSE

EXISTING
PERC TEST

BLOCK WALL
(8" WIDE)

EXISTING PERC TEST

EXISTING
PERC TEST

PROPOSED PERC FIELD
AREA = 10,000 SQ.FT.

WOOD
FENCE

CLEAN OUT

EXISTING
PERC TEST

EXISTING
HOUSE "B"

SEPTIC TANK

EXISTING
PERC FIELD
(10,000 SQ.FT.)

M9C2
ChD2

ChD2
MID2

ITEMS

6/00

PLICATION

PERCOLATION TESTING

ORIGINAL
NOTES
IN INDEXED
FILE A49039

A 42975

P _____

DISTRICT 5TH

DATE 11-15-88

CITY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH

76 ELLICOTT CITY, MARYLAND 21043
PHONE: 461-9933

FOR TENANT HOUSE ON FARM.
NO SUBDIVISION PROPOSED.

WALKOVER INSPECTION OF NEARBY SEPTICS ONLY.

C.W. 11/10/88

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:

Russell and Doris RAUSCH

ADDRESS

6100 JERRY'S DRIVE, COLUMBIA, MD 21044 PHONE 730-1748 (966-5443)

PROSPECTIVE BUYER

ADDRESS

PHONE

PROPERTY LOCATION:

SUBDIVISION

HAYLAND FARM

LOT NO.

ROAD AND DESCRIPTION

5001 Sheppard Lane, Ellicott City, MD 21043

building site is located off Hayland Lane, off Sheppard Lane

TAX MAP

28

PARCEL #

49

SIZE OF LOT

on 430 Acre farm

TYPE BLDG.

single-family dwelling
(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

11/28/88 DIG MORE ONLY 3 HOLES PASSED AT

LOCATION LOWER THAN HOUSE SITE R/H

1/3/89 PERC OK HOLD FOR CERTIFIED TEST HOLE PLAT
SHOWING LOCATION/ELEVATION OF HOUSE, WELL & SEPTIC

THIS IS NOT A PERMIT

SYSTEM R/H

APPLICATION

HOWARD COUNTY
HEALTH DEPARTMENT

PERCOLATION TESTING

A 42975

P _____

DISTRICT 5TH

DATE 11-15-88

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

FOR TENANT HOUSE ON FARM.

NO SUBDIVISION PROPOSED.

WALKOVER INSPECTION OF NEARBY SEPTICS ONLY.

C.W. 11/10/88

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER: Russell and Doris RAUSCH

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PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION HAYLAND FARM

LOT NO. _____

ROAD AND DESCRIPTION 5001 Sheppard Lane, Ellicott City, MD 21043

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TAX MAP 28 PARCEL # 49

SIZE OF LOT on 430 Acre farm

TYPE BLDG. single-family dwelling
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(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 11/28/88 DIG MORE ONLY 3 HOLES PASSED AT
LOCATION LOWER THAN HOUSE SITE RH.

1/3/89 PERC OK HOLD FOR CERTIFIED TEST HOLE PLAT
SHOWING LOCATION & ELEVATION OF HOUSE, WELL & SEPTIC

THIS IS NOT A PERMIT
SYSTEM RIT

HD-216

DATE

(nearest foot)

BASSLER BACK

APPLICATION

HOWARD COUNTY
HEALTH DEPARTMENT

PERCOLATION TESTING

A 42975

P _____

DISTRICT 5TH

DATE 11-15-88

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

FOR TENANT HOUSE ON FARM.

NO SUBDIVISION PROPOSED.

WALKOVER INSPECTION OF NEARBY SEPTICS ONLY.

C.W. 11/10/88

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PROPERTY OWNER: Russell and Doris RAUSCH

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PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION HAYLAND FARM LOT NO. _____

ROAD AND DESCRIPTION 5001 Sheppard Lane, Ellicott City, MD 21043

building site is located off Hayland Lane, off Sheppard Lane

TAX MAP 28 PARCEL # 49

SIZE OF LOT on 430 Acre farm TYPE BLDG. single-family dwelling
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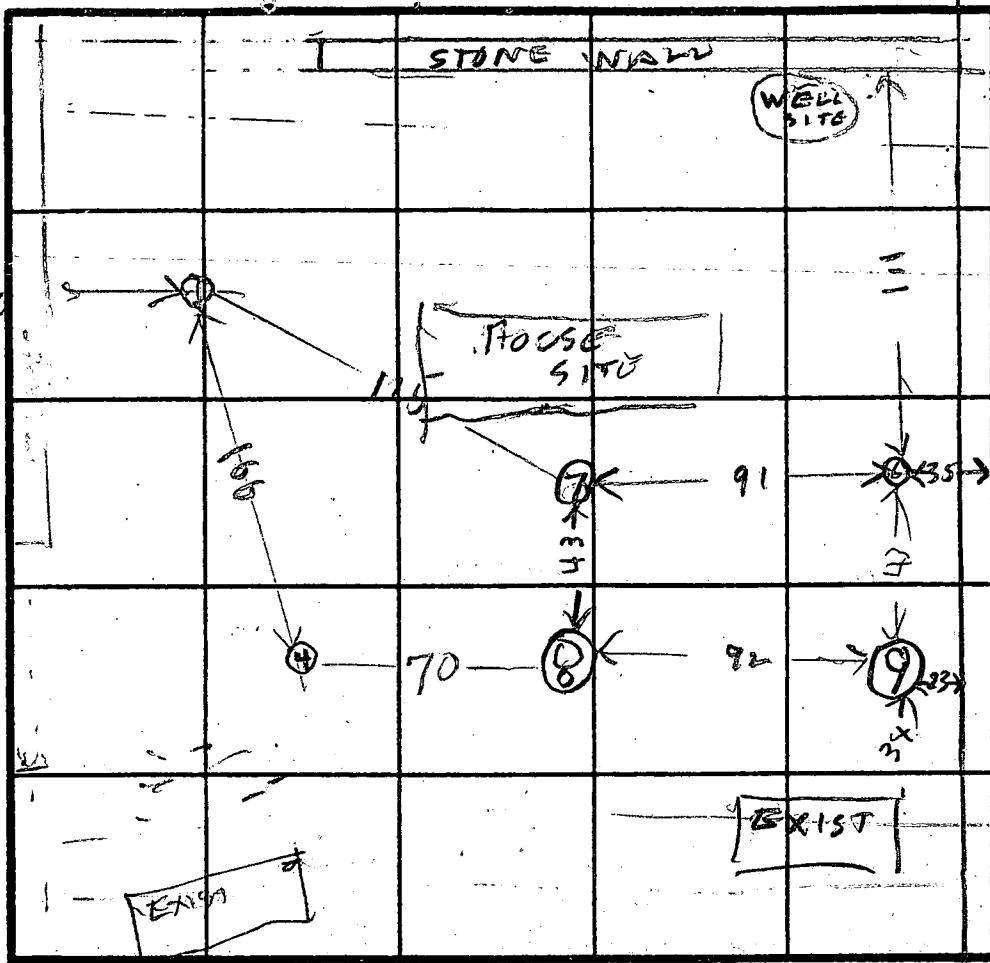
REASONS FOR REJECTION OR HOLDING 11/28/88 DIG MORE ONLY 3 HOLES PASSED AT
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SYSTEM RHT

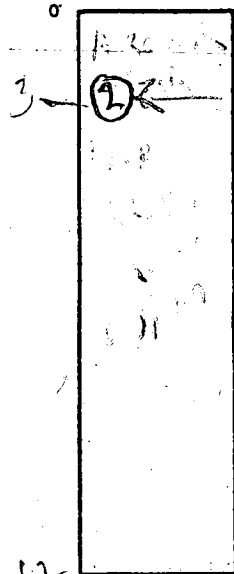
HD-216

MALDON PROP



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE



RED BROWN CLAY

BROWN GREENISH SAND LOAM

RED BROWN CLAY

BROWN SAND LOAM

TAN SAND LOAM

BROWN CLAY

DARK BROWN SAND LOAM

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/3/89	85	4	1232	1239	1239	1246	7
	81	12	OK				
1/3/89	95	4	1235	100	100	133	100
	9ES	5	151	156	156	204	7
11/11	7V	11 1/2	OK				
11/11	9V	12	OK				

REMARKS

TYPE OF SOIL

TESTED BY

RE

B. HODGINS

ALSO PRESENT

RUSSEL RAUSCH

BASSLER BACKHOE

APPLICATION

PERCOLATION TESTING

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

A 42975

P _____

DISTRICT 5th

DATE 11-15-88

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PROSPECTIVE BUYER _____

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(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

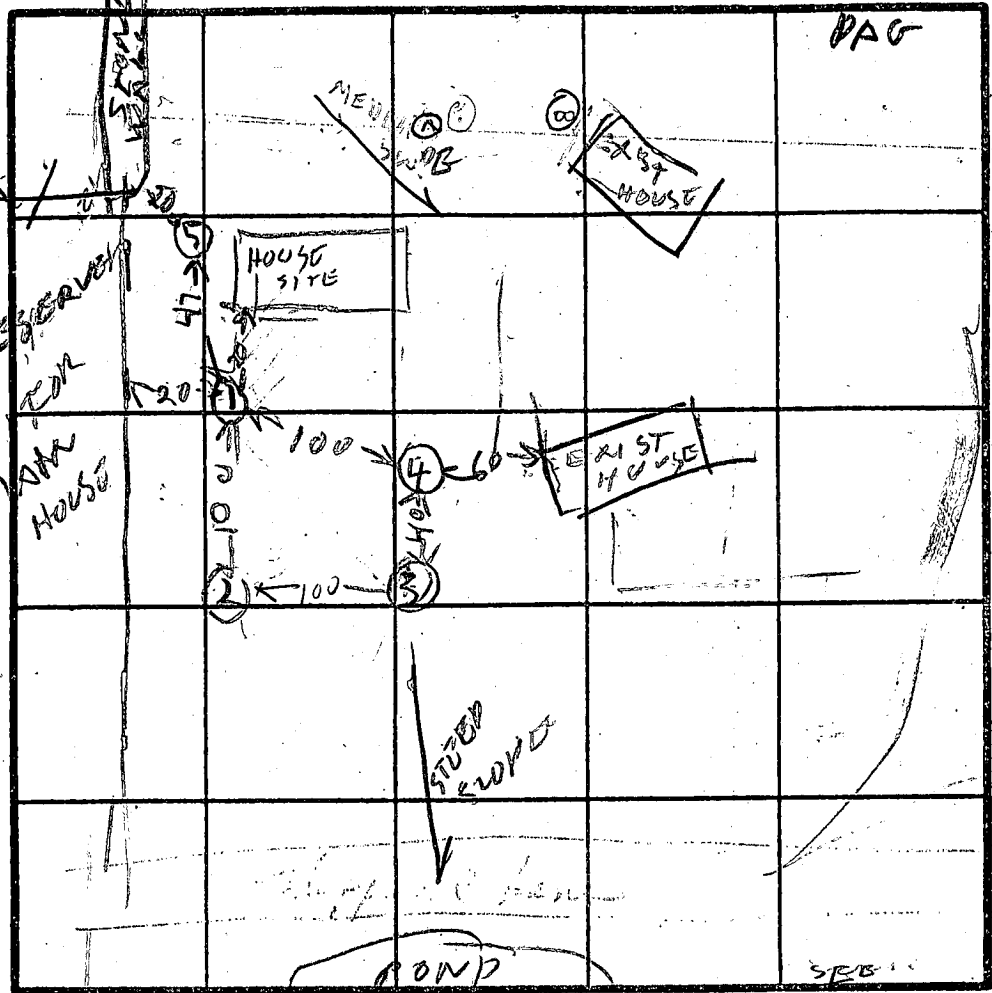
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

7



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/28/88	1 S	4.5	243	245	243	250	5
	1 D	9.5	249	25	255	259	4
	1 V	11	OK				
	2 S	4.5	306	322	322	353	3:20
	2 V	12	OK				
	3 V	3	DUG UP	OLD DRAIN FIELD			
	4	5	331	338	338	347	9
	7 V	9 1/2	OK	3 HAIL - AW	5	5	
	2 ES	5	357	356	456	400	4
	2 V	12	OK				
	5 V	11	OK	SOIL BUT TOO HIGH FOR HOUSE			
12/3/88	6 S	3.5	1220	1224	1224	1229	5
	6 V	12	OK				
12/3/88	7 S	4.5	1228	1253	1253	133	3:20
	7 ES	5.5	146	149	149	153	4

REMARKS HOLE (5) TOO HIGH AN ELEVATION FOR HOUSE SITE HOLE (3) DUG IN OLD DRAIN FIELD WELLS & SEPTIC SYSTEMS

TYPE OF SOIL FOR EXISTING HOUSES ARE NOT TOO CLOSE TO WELLS & SYSTEMS FOR THIS HOUSE

TESTED BY

ALSO PRESENT

ALSO PRESENT
BARRY D. BASSLER
R. RAUSCH

SOIL PROFILE

TOP SOIL
CLAY

BROWN
SAND
MIC
LOAM
GRITTY

HARD

0 BROWN RED CLAY

3 TAN BROWN SAND LOAM

12

BROWN
LW 4

LIGHT
BROWN
DARK
BROWN
SAND
LW 4

CLOT
DARK
BROWN
SAND
LOT
HARD

CLAY
GRAY
BROWN
SAND
LOAM

L.R. MOBLEY.
711/325
4.303 AC.

P-17-95
SEE ATTACHED SITE PLAN
THIS PORTION OF
BASSLER FARM IS
FOR DORIS

Owner: RAUSCH
Basslers Inc. (RELATIVE OF
4994 Sheppard Ia. DAVID
Ellicott City, MD. BASSLER)
21042

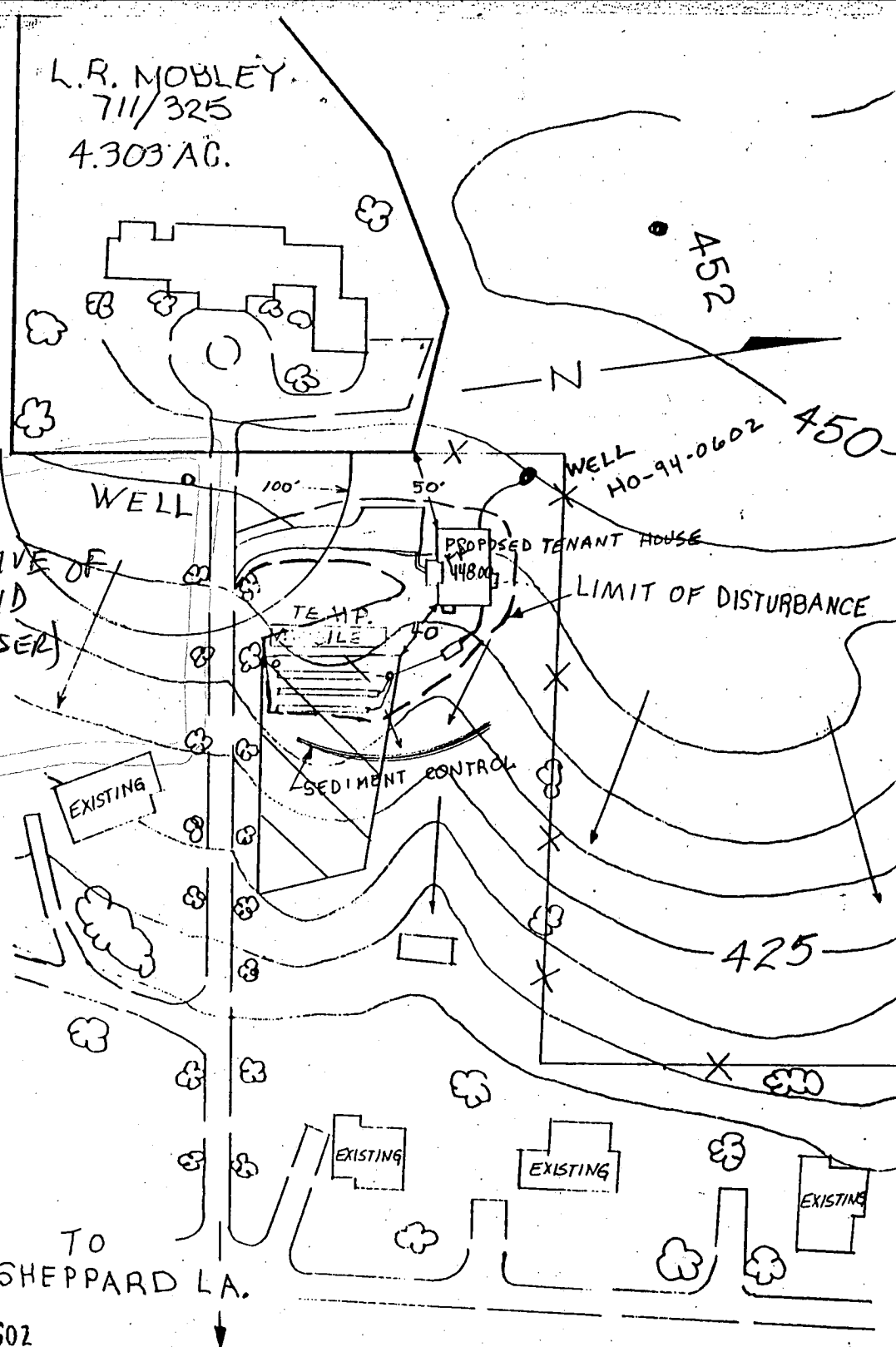
Contact person:
David Bassler
H (410) 531-3589
P (410) 850-3645

Location of Property:
4990 Sheppard Ia.
Ellicott City, MD.

Map: 28
Parcel: 49
Deed ref: 516 / 763
Zoning: RC-DEO

Well # HO-94-0602
Perc # A49039

TO
SHEPPARD LA.



Scale 1"=100'

All measurements are actual and correct for this property

Doris Bassler

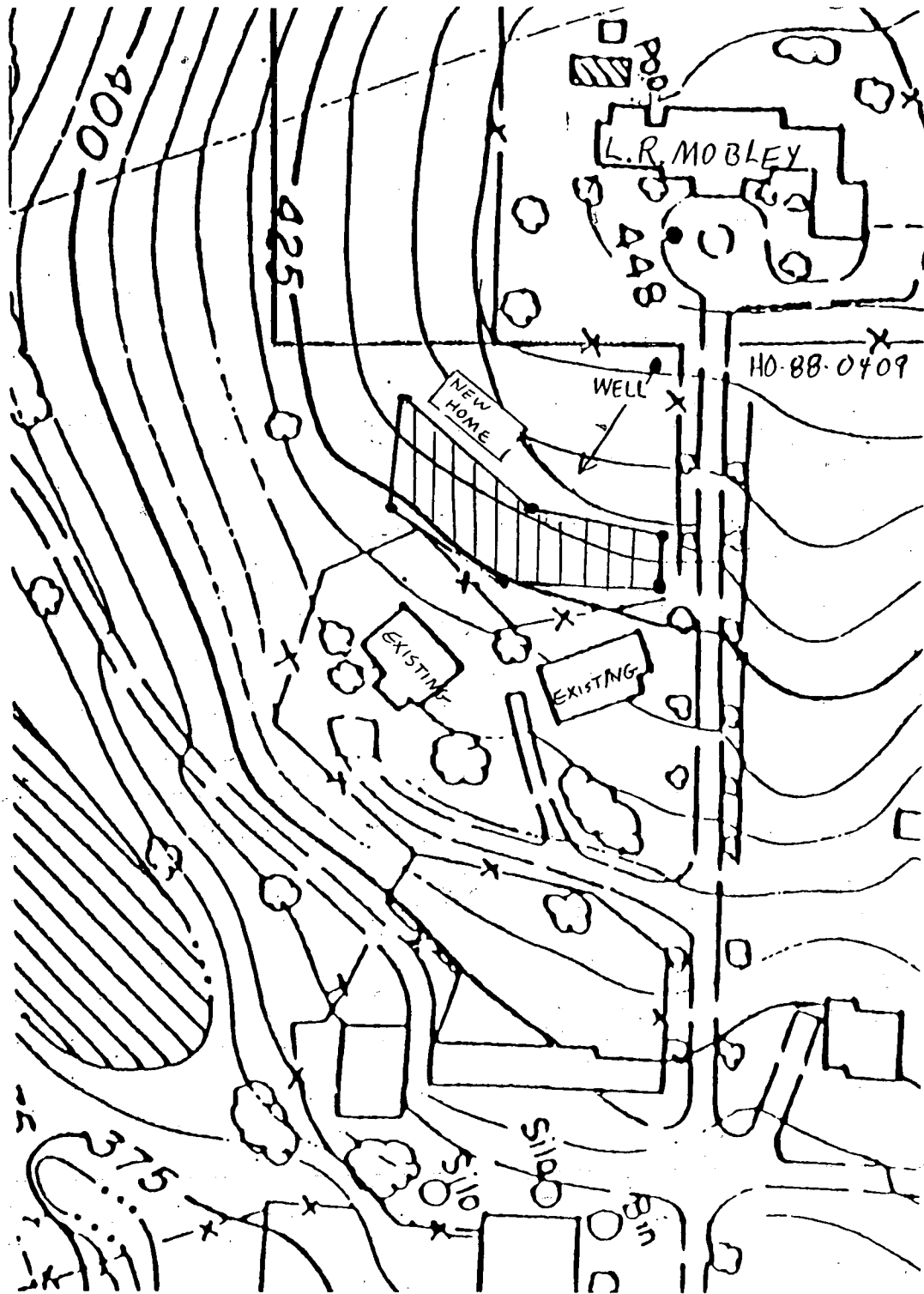
Owner:
Basslers Inc.
4994 Sheppard La.
Ellicott City, MD.
21042

Contact Person:
Doris Rausch
H (410) 730-1748

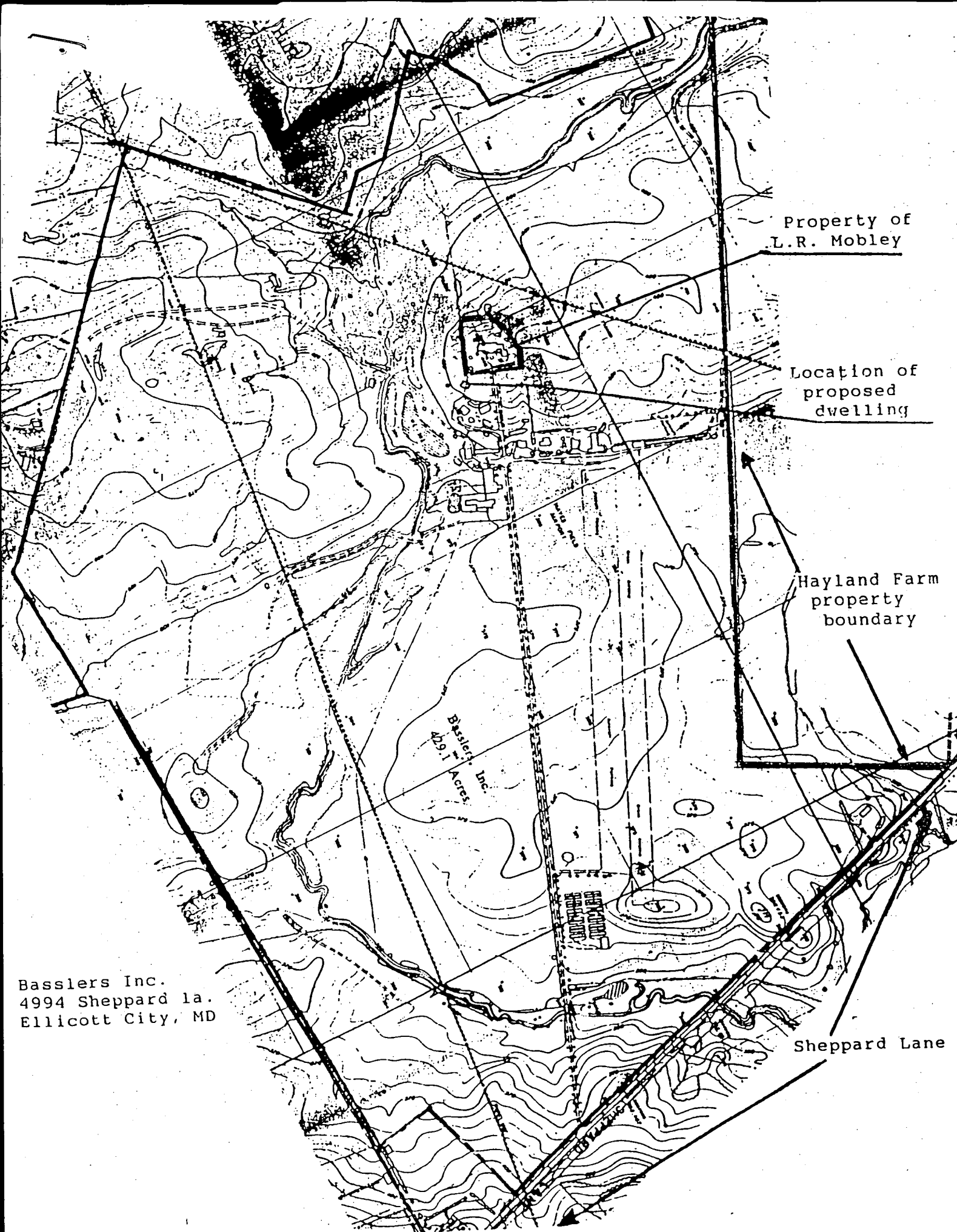
Location of property:
Hayland Farm
4994 Sheppard La.
Ellicott City, MD.

Map: 28
Parcel: 49
Deed Ref: 516 / 763
Zoning: RC-DEO

Well # HO-88-0409
Perc # A42975



All weasurements are actual and correct for this property _____



Property of
L.R. Mobley

Location of
proposed
dwelling

Hayland Farm
property
boundary

Basslers, Inc.
409.1 Acres

Basslers Inc.
4994 Sheppard la.
Ellicott City, MD

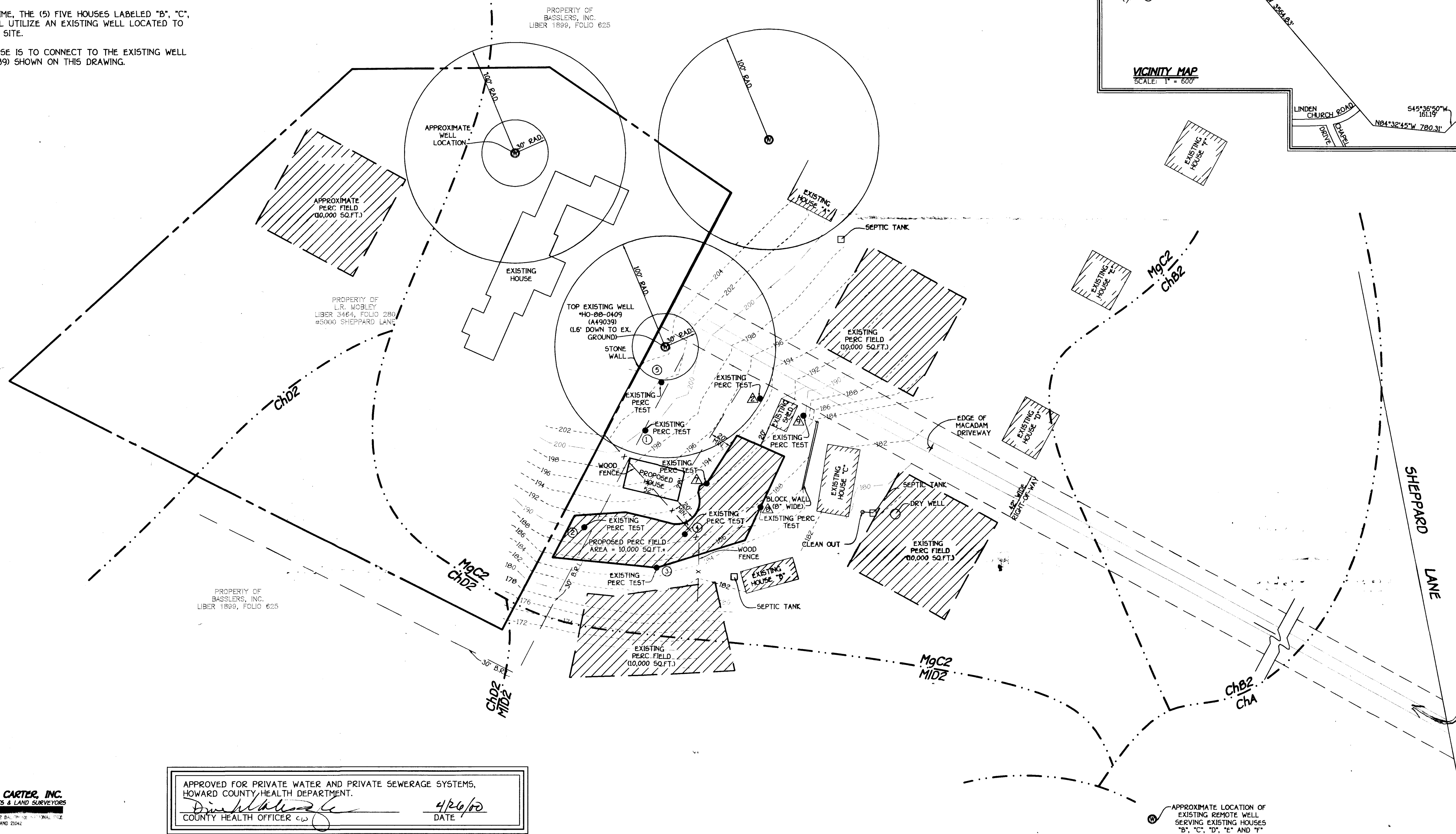
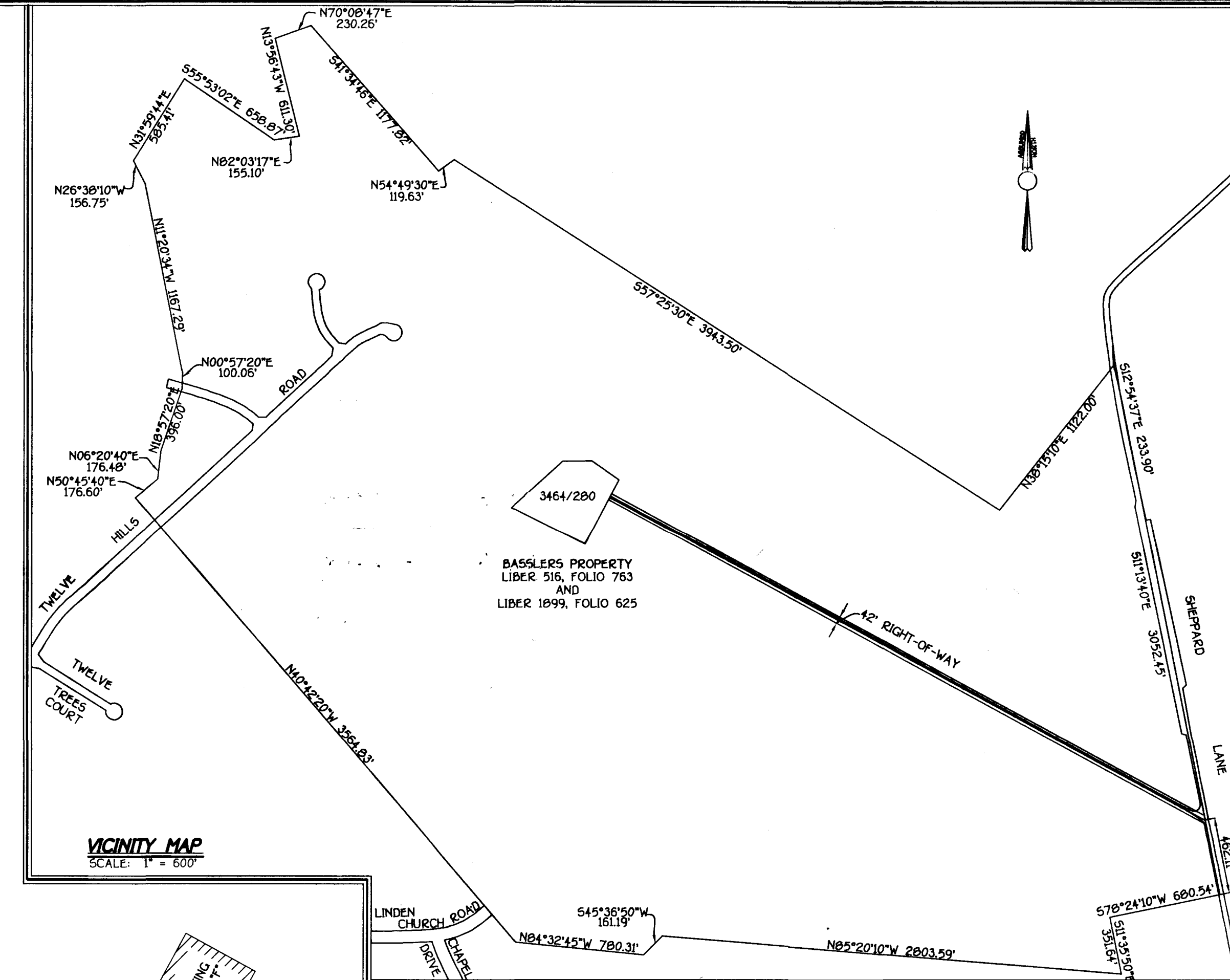
Sheppard Lane

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. REORDINATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. ALL WELLS AND SEPTIC SYSTEM WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
4. DENOTES PROPOSED HOUSE LOCATION.
5. ● DENOTES PASSED PERC HOLE LOCATION.
6. ● ⊕ DENOTES PASSED PERC HOLE LOCATIONS ON 1/28/88.
6. ● ⊕ DENOTES PASSED PERC HOLE LOCATIONS ON 1/3/89.
7. OWNER & DEVELOPER:
MR. RUSSELL RAUSCH
*6102 JERRY'S DRIVE
COLUMBIA, MARYLAND 21044
(410) 730-1748
8. THE PERC AND WELL SITES SHOWN FOR THE MOBLEY PROPERTY (*5000 SHEPPARD LANE) ARE APPROXIMATE LOCATION ONLY. (BOTH ARE GREATER THAN THE 100 FOOT REQUIREMENT FROM THE TRACT BOUNDARY.)
9. DEED REFERENCE: 516/763 AND 1899/625.
10. THE TOPOGRAPHY SHOWN HEREON IS BASED ON FIELD RUN DATA DATED MARCH, 2000.
11. AT THE PRESENT TIME, THE (5) FIVE HOUSES LABELED "B", "C", "D", "E" AND "F" ALL UTILIZE AN EXISTING WELL LOCATED TO THE SOUTH OF THE SITE.
12. THE PROPOSED HOUSE IS TO CONNECT TO THE EXISTING WELL *HO-88-0409 (A49039) SHOWN ON THIS DRAWING.

[illegible]

NOTES: SOILS MAP No. 18 WAS USED

- * Hydric soils and/or contains hydric inclusions
- ** May contain hydric inclusions
- † Generally only within 100-year floodplain areas



PERCOLATION CERTIFICATION PLAN
#4994 SHEPPARD'S LANE

FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
TAX MAP 28, GRID 11, PART OF PARCEL 49

A horizontal graphic scale bar with four segments. The segments are labeled from left to right as 0', 50', 100', and 150'. The first segment (0' to 50') is black, the second (50' to 100') is white, the third (100' to 150') is black, and the fourth (150' to 200') is white. The total length of the bar represents 200 feet.

Scale: 1" = 50'

DATE: APRIL 19, 2000

REVISION DATE: APRIL 25, 2000
SHEET 1 OF 1

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
INTERNATIONAL SQUARE OFFICE SUITE 10272 BALTIMORE NATIONAL POE
ELLCOTT CITY, MARYLAND 21042
(410) 461 - 2855

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.

[Signature] 4/26/90
COUNTY HEALTH OFFICER CWS DATE

C14544

SEQUENCE NO.
(DENV 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.

COUNTY
NUMBER

W 46942

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

H0-88-1683

ST/CO USE ONLY
DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

2212926

(TO NEAREST FOOT)

OWNER

BASSLER DAVID

last name first name

STREET OR RFD

4994 SHEPPARD LANE

TOWN

CLEVELAND

SUBDIVISION

HAYLAND FARM

SECTION

LOT

AG WELL

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	
Shale	2 10	
Sandstone	10 30	✓
mi. KA	20 30	
Sandstone	30 35	✓
mi. KA	35 105	
Sandstone	105 110	✓
mi. KA	110 120	

GROUTING RECORD

WELL HAS BEEN GROUTED

(Circle Appropriate Box)

yes no

TYPE OF GROUTING MATERIAL

CEMENT

CM

BENTONITE CLAY

BC

NO. OF BAGS

12

NO. OF POUNDS

1200

GALLONS OF WATER

72

DEPTH OF GROUT SEAL (to nearest foot)

from

0

ft.

to

19

ft.

TOP

52

BOTTOM

58

(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST

CO

STEEL

CONCRETE

PL

OT

PLASTIC

OTHER

MAIN CASING TYPE

PL

Nominal diameter top (main) casing (nearest inch)

6

Total depth of main casing (nearest foot)

34

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.)

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

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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.

453

DRILLERS SIGNATURE

Frank R. Ruppel

(MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

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

70

72

74

75

76

TELESCOPE CASING

LOG INDICATOR

OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour)

3

PUMPING RATE (gal. per min. to nearest gal.)

50

METHOD USED TO MEASURE PUMPING RATE

Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING

10

WHEN PUMPING

120

TYPE OF PUMP USED (for test)

A

air

P

piston

T

turbine

C

centrifugal

R

rotary

O

other (describe below)

J

jet

S

submersible

Machine tested

PUMP INSTALLED

DRILLER WILL INSTALL PUMP

YES

NO

(CIRCLE) (YES or 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.)

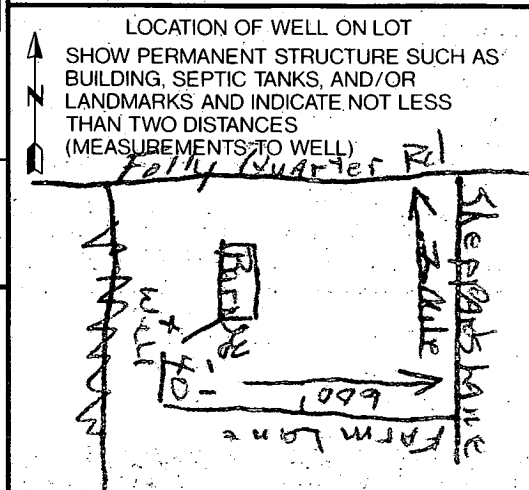
CASING HEIGHT (circle appropriate box and enter casing height)

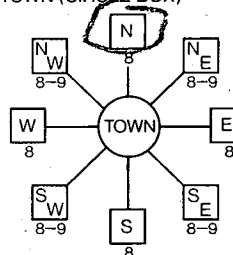
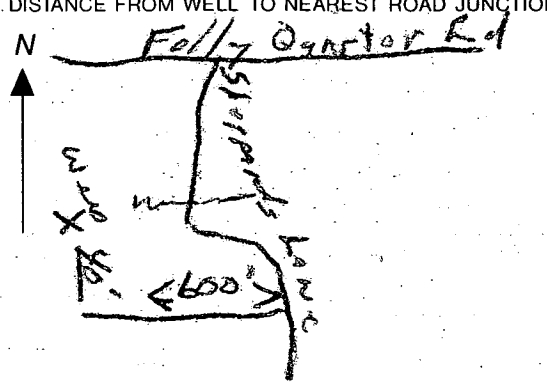
above

below

LAND SURFACE

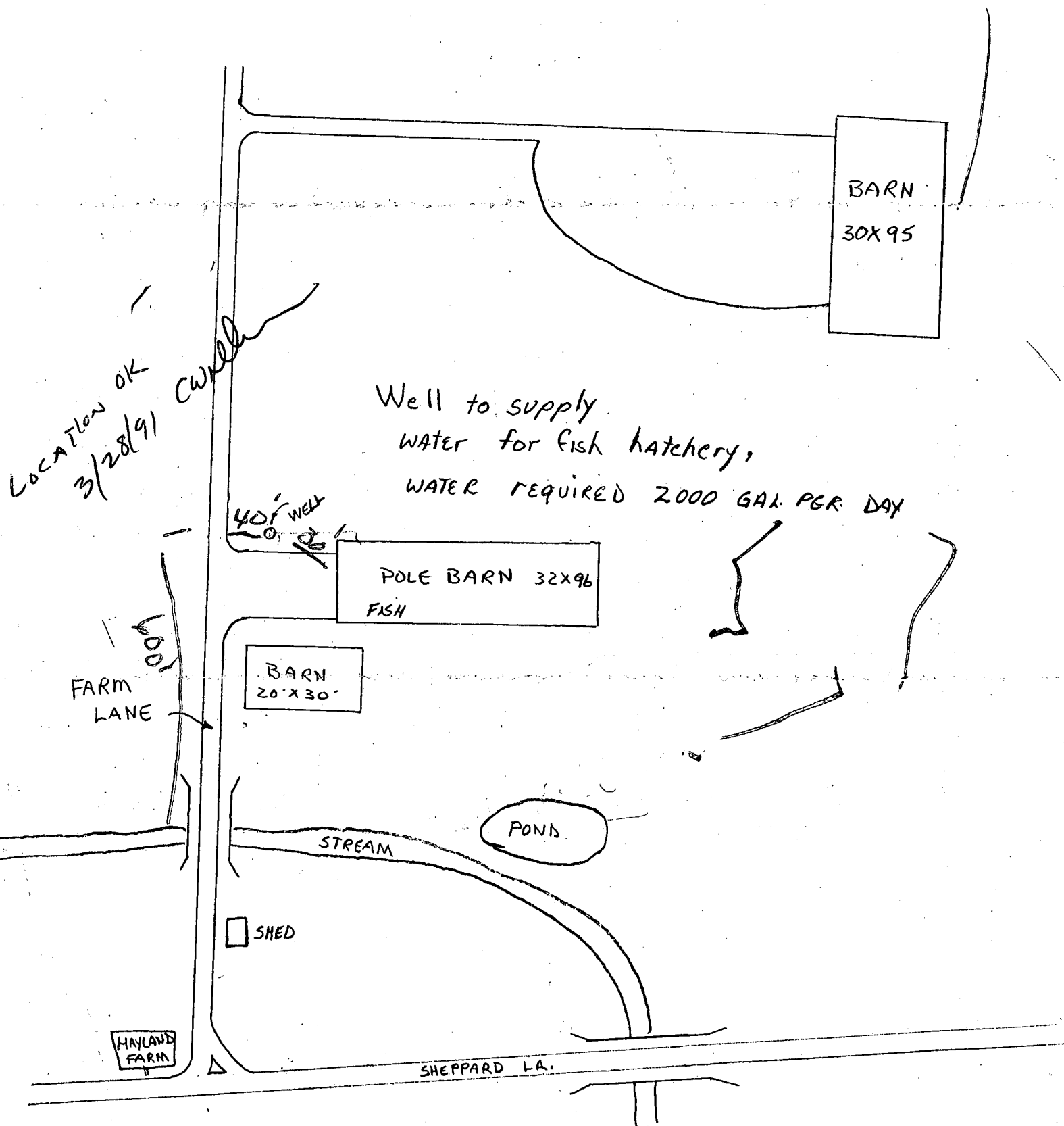
(nearest foot)



B 1 2868 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)	SEQUENCE NO. (DP USE ONLY) STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 40-88-1683 fill in this form completely
Date Received (APA) 032891 OWNER INFORMATION FASSLER DAVID 15 Last Name Owner First Name REX 97 35 Street or RFD 55 Elencig MA 57 Town 70 State 72 Zip 76		B 3 LOCATION OF WELL Howard 8 COUNTY 21 HAYLEN FARM 23 SUBDIVISION 42 SECTION 44 46 LOT 48 50 019 KSV 111C 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 2 M I 73 76 77 78
DRILLER INFORMATION FRANK DELPH 453 Driller's Name 77 License No. 80 Frank Delph - Well Drilling Firm Name 1534 Park Shop Rd Mt Airy Address Frank Delph 3,28,91 Signature Date		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  NEAR WHAT ROAD Sheppards Lane 11 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  34 37 DISTANCE FROM ROAD 600 ENTER FT OR MI 38 39
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 2000 14 20 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 W46942 COUNTY NAME COUNTY NO. STATE SIGNATURE _____ INSERT S 41 DATE ISSUED 032891 Craig Willem 9/28/91 43 48 CO SIGNATURE EXP. DATE NORTH GRID 513000 EAST GRID 0816000 50 55 57 63
APPROXIMATE DEPTH OF WELL 200 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30 37 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) 37 CABLE REVERSE-ROTARY DRIVE-POINT other _____		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. Well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE 816 513 000 000 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) ☒ N THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 ☐ S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ D THIS WELL WILL DEEPEN 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 CW WRITE INITIALS IN BOX PERMIT No. 40-88-1683 67 68 70 71 72 73 74 75 76 77 78 79		SPECIAL CONDITIONS IRRIGATION WELL FOR FISH POND.

Hayland Farm
4994 Sheppard LA.
Ellicott City Md
21043

David Bassler
H-531-3589
PAGER-850-3645



C1	6776	SEQUENCE NO. (DENV 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 COLUMNS 3-6 ON ALL CARDS)		COUNTY NUMBER <u>A42975</u>		

DATE Received	DATE WELL COMPLETED	Depth of Well	PERMIT NO.
<u>000389</u>	<u>000389</u>	<u>22 025 26</u> (TO NEAREST FOOT)	FROM "PERMIT TO DRILL WELL" <u>H0-88-0409</u>
OWNER <u>RAUSCH RUSSELL</u>			
STREET OR RFD last name <u>SHEPARD LANE</u>		TOWN <u>CLARKSVILLE</u>	
SUBDIVISION <u>HAYLAND FARM</u>		SECTION <u>LOT</u> <u>RENT HOUSE</u>	

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 FROM TO	Check if water bearing
<u>SANDSTONE</u>	<u>0</u> <u>60</u>	
<u>GRAY MICH</u>	<u>60</u> <u>225</u>	
<u>Rock</u>		

GROUTING RECORD	
WELL HAS BEEN GROUTED (Circle Appropriate Box)	
TYPE OF GROUTING MATERIAL	
CEMENT <u>CM</u>	BENTONITE CLAY <u>BC</u>
NO. OF BAGS <u>13</u>	NO. OF POUNDS <u>1222</u>
GALLONS OF WATER <u>78</u>	
DEPTH OF GROUT SEAL (to nearest foot)	
from <u>0</u> ft. to <u>50</u> ft.	

CASING RECORD		
casing types insert appropriate code below		
<u>ST</u>	<u>CO</u>	
STEEL	CONCRETE	
<u>PL</u>	<u>OT</u>	
PLASTIC	OTHER	
MAIN CASING TYPE		
<u>ST</u>	<u>6</u>	<u>67</u>
60 61	63 64	66 70
Nominal diameter top (main) casing (nearest inch)		Total depth of main casing (nearest foot)

OTHER CASING (if used)	
diameter inch	depth (feet) from to
<u> </u>	<u> </u>
<u> </u>	<u> </u>

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

DEPTH (nearest ft.)		
<u>H0</u>	<u>65</u>	<u>225</u>
8 9	11 15	17 21
<u> </u>	<u> </u>	<u> </u>
23 24	26 30	32 36
<u> </u>	<u> </u>	<u> </u>
38 39	41 45	47 51
<u> </u>	<u> </u>	<u> </u>
SLOT SIZE 1 2 3		
DIAMETER OF SCREEN (NEAREST INCH)		
<u> </u>	<u> </u>	
56 60		
from to		

GRAVEL PACK	
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68	
<u> </u>	<u>68</u>

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)		
T	(E.R.O.S.)	WQ
<u> </u>	<u> </u>	<u> </u>
70 72	74 75 76	
TELESCOPE CASING	LOG INDICATOR	OTHER DATA

PUMPING TEST		
HOURS PUMPED (nearest hour) <u>3</u>		
PUMPING RATE (gal. per min. to nearest gal.) <u>10</u>		
METHOD USED TO MEASURE PUMPING RATE <u>Bucket</u>		
WATER LEVEL (distance from land surface)		
BEFORE PUMPING	<u>63</u>	
WHEN PUMPING	<u>99</u>	
TYPE OF PUMP USED (for test)		
<u>A</u> air	<u>P</u> piston	<u>T</u> turbine
<u>C</u> centrifugal	<u>R</u> rotary	<u>O</u> other (describe below)
<u>J</u> jet	<u>S</u> submersible	

PUMP INSTALLED	
DRILLER WILL INSTALL PUMP YES <u>NO</u>	
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: <u> </u>	
CAPACITY: GALLONS PER MINUTE (to nearest gallon) <u> </u>	
PUMP HORSE POWER <u> </u>	
PUMP COLUMN LENGTH (nearest ft.) <u> </u>	
CASING HEIGHT (circle appropriate box and enter casing height)	
<u>+</u> above	<u> </u>
<u>-</u> below	<u> </u>
LAND SURFACE <u>2</u> (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)	
<u> </u>	

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

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "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.	
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DRILLERS IDENT. NO. <u>238</u>	
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	
<u> </u>	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	
<u> </u>	