

Septic insp. AM
6/20/86

6/24/86
Septic 01510
BW

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 37127

A 24591

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

992-2330
XXXXXX
461-9933

03-304264

INDEXED

ELLICOTT CITY

DISTRICT 3rd

DATE 6/16/86

John Oertel/Engles Partnership IS PERMITTED TO INSTALL X ALTER

ADDRESS 3146 Rogers Avenue, Ellicott City, MD 21043 PHONE 461-9444

SUBDIVISION Annandale ROAD 1707 Underwood Road LOT 3

PROPERTY OWNER Oertel/Engles Partnership

ADDRESS

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place first trench 120 feet from front (135') lot line and 35 feet off right (310') lot line as seen when facing property from Underwood Road. Run trenches along contour toward the right (310') and front (119.18') lot lines.

NOTE: - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY B. Nixon DATE 2/19/86

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 40 PVC OR ABS.

PERMIT VOID AFTER THREE YEARS.

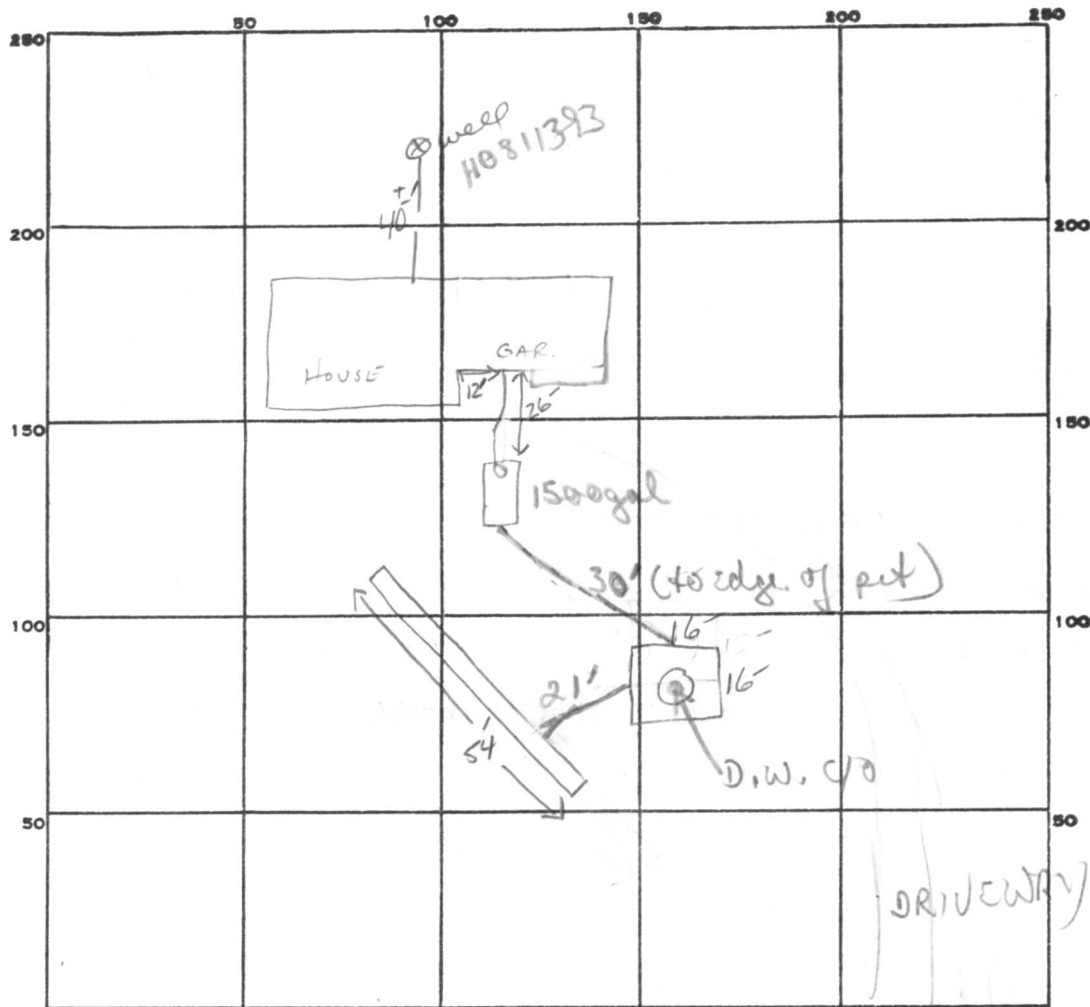
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA. OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 24591



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.
UNDERWOOD Rd,

PERMIT CARD ✓✓

SEPTIC TANK, LEVEL ✓ 1500 GAL

CLEANOUTS 2 I.S.T. 1 D.W.

DISTRIBUTION BOX, LEVEL —

TILE FIELD, DEPTH 9 FT. TRENCH WIDTH 2 FT. TRENCH 4'

GRAVEL DEPTH 5 FT IN. TOTAL LENGTH 54 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 270

SEEPAGE PITS, INSIDE DIAMETER 16x16 (64) FT. DEPTH BELOW INLET 5 FT.

ABSORBENT AREA 320 SQ. FT. TOTAL SQ FT 590

REMARKS OK TO ADD STONE TO DRY WELL; OK TO ADD STONE, PIPE, PAPER TO TRENCH. SA

6/24/86 BK to cover work from house to D.W. OK to finish
installing paper to trench + cover. Once pipe from D.W.
to trench is properly supported OK to cover D.W. + all
remaining work

DATE SYSTEM APPROVED

6/24/86

INSPECTOR

B Nixon

DRYWELL
145
4
580

180 TRENCH
4
720 MIN

54
5
210
320
590
320

Preliminary
4-13' holes
on 10,000 #

APPLICATION

A 24591

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 3rd
DATE 9/24/76

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 Fred James Pipes OERTEL/ENGLES Partnership

ADDRESS 13555 Old Frederick Rd. Sykesville, Md. 21784 PHONE _____

PROPERTY LOCATION:

SUBDIVISION Annandale LOT NO. 26 *New lot 3*

1705
ROAD AND DESCRIPTION Underwood Road

SIZE OF LOT 40,900 sq. ft. TYPE BLDG. 3 or 4

IF NOT SINGLE RESIDENCE DESCRIBE _____
NUMBER OF BEDROOMS
single family dwelling

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Fred James Pipes

APPROVED BY DJG FOR DW + Trist DATE 8/16/74
(KIND OF SYSTEM)

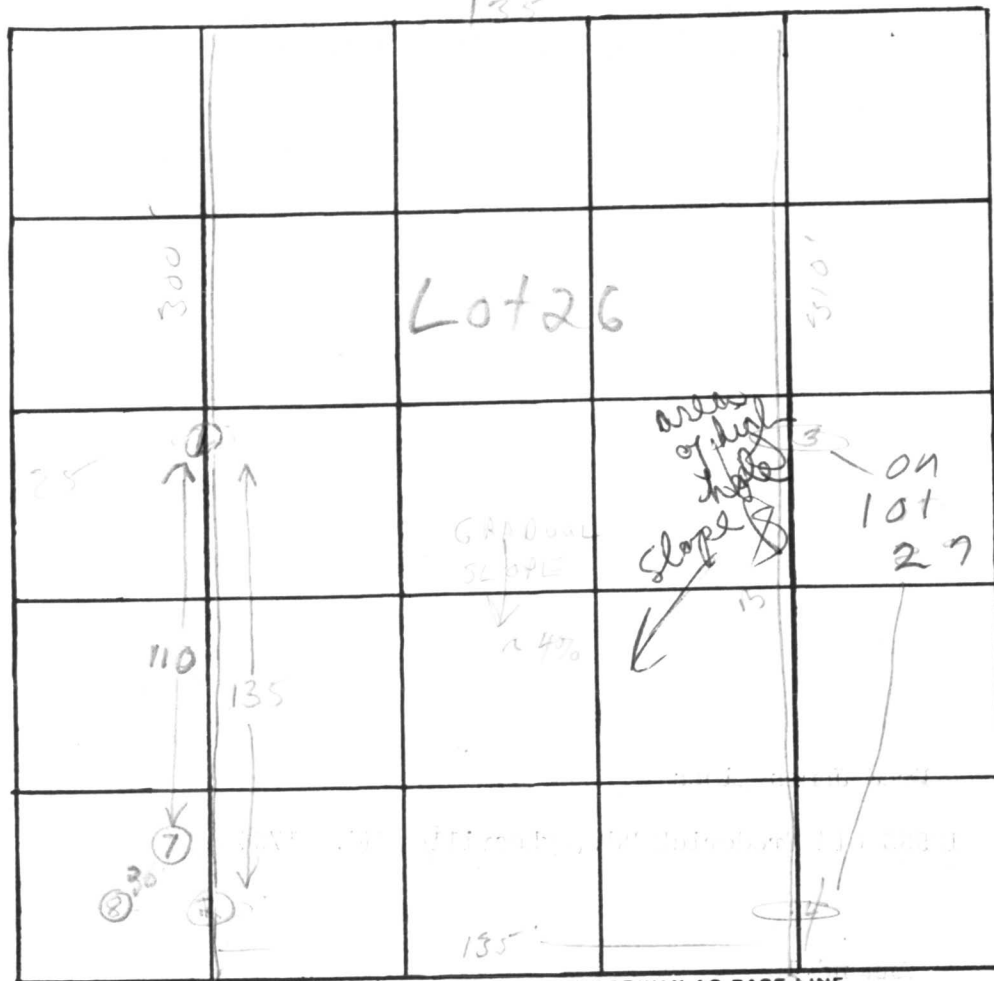
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING B.P. # 69684

BLDG. PERMIT SIGNED
AND RETURNED 4-28-76

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Underwood Rd

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|-------|-----------------------|-------------------------------|----------------|-------|-------|
| | | | START | STOP | START | STOP | |
| 7/23/74 | 1d | 13' | 11:41 | 11:45 | 11:45 | 11:50 | 5 min |
| | 5 | 4' | 11:48 | 11:52 | 11:52 | 12:00 | 8 min |
| | 2s | 6' | 11:53 | Pulled up 1/4" drop in 20 min | | | |
| | 8 | 4' | 1:18 | no pore - still clayey | | | |
| 7/24/74 | 3s | 6' | 11:54 | 11:57 | 11:57 | 11:58 | 1 |
| | d | 12' | 1:55 | 2:05 | 2:05 | 2:25 | 20 |
| | 4/s | 2'6" | 12:21 | 12:35 | 12:35 | 12:48 | 13 |
| | d | 13' | 12:20 | 12:35 | 12:35 | 12:46 | 11 |
| 7/23/76 | 7 | 6' | 2:00 | 2:03 | 2:03 | 2:07 | 4 min |
| | 7d | 14 | Sandy loam - dry hole | | | | |

12 X

REMARKS

TYPE OF SOIL

Clay over Sandy loam

TESTED BY

O'Neill + F.S.

ALSO PRESENT:

C1 00451

SEQUENCE NO.
(OEP USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORTFILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER

A-24591

1 2 3 6
(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS)

DATE Received

8 13

DATE WELL COMPLETED

040486
15 20

Depth of Well

22 160 26
(TO NEAREST FOOT)PERMIT NO.
FROM "PERMIT TO DRILL WELL"40-81-1393
28 29 30 31 32 33 34 35 36 37

OWNER ORTEL ENGLE'S INC.

STREET OR RFD last name UNDERWOOD RD.

first name

TOWN WEST. FRIENDSHIP

SUBDIVISION ANNANDALE

SECTION 1

LOT 3

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)

FEET

FROM TO

Check
if water
bearing

| | | | |
|------------|----|-----|---|
| Top Soil | 0 | 2 | |
| Sandy | 2 | 35 | ✓ |
| Sand Stone | 35 | 40 | |
| Micka | 40 | 60 | |
| Sand Stone | 60 | 65 | ✓ |
| Micka | 65 | 80 | |
| Sand Stone | 80 | 85 | ✓ |
| Micka | 85 | 160 | |

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

yes Y 44 no N 44

TYPE OF GROUTING MATERIAL

CEMENT CM 45 46 BENTONITE CLAY BC 45 46

NO. OF BAGS 18 NO. OF POUNDS 1000

GALLONS OF WATER 108

DEPTH OF GROUT SEAL (to nearest foot)

from 0 48 TOP 52 ft. to 41 54 BOTTOM 58 ft.
(enter 0 if from surface)casing
types
insert
appropriate
code
below

CASING RECORD

ST CO
STEEL CONCRETE
PL OT
PLASTIC OTHER

MAIN Casing TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

PL 60 61 6 63 64 45 66 70

OTHER CASING (if used)
EACH CASING diameter inch depth (feet) from toscreen type
or open hole

SCREEN RECORD

insert
appropriate
code
belowST BR HO
STEEL BRASS OPEN
PL BRONZE HOLE
PLASTIC OTHER

C2

DEPTH (nearest ft.)
EACH SCREEN 1 2 3
1 40 43 160
2 23 24 26 30 32 36
3 38 39 41 45 47 51

SLOT SIZE 1 2 3

DIAMETER OF SCREEN 56 60 (NEAREST INCH)

GRAVEL PACK from to
IF WELL DRILLED WAS
FLOWING WELL INSERT
F IN BOX 68OEP USE ONLY
(NOT TO BE FILLED IN BY DRILLER)T (E.R.O.S.) WQ
70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 10

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 34 17 20

WHEN PUMPING 45 22 25

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: 29CAPACITY:
GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box
and enter casing height)+ above LAND SURFACE 2 (nearest foot)
- below 49 50 51

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)A A WELL WAS ABANDONED AND SEALED
WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION
WELLI 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.

DRILLERS IDENT. NO. 273

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)SITE SUPERVISOR (sign. of driller or journeyman
responsible for sitework if different from permittee)

RECEIVED
HOWARD COUNTY
HEALTH DEPT.

APR 22 4 43 PM '86

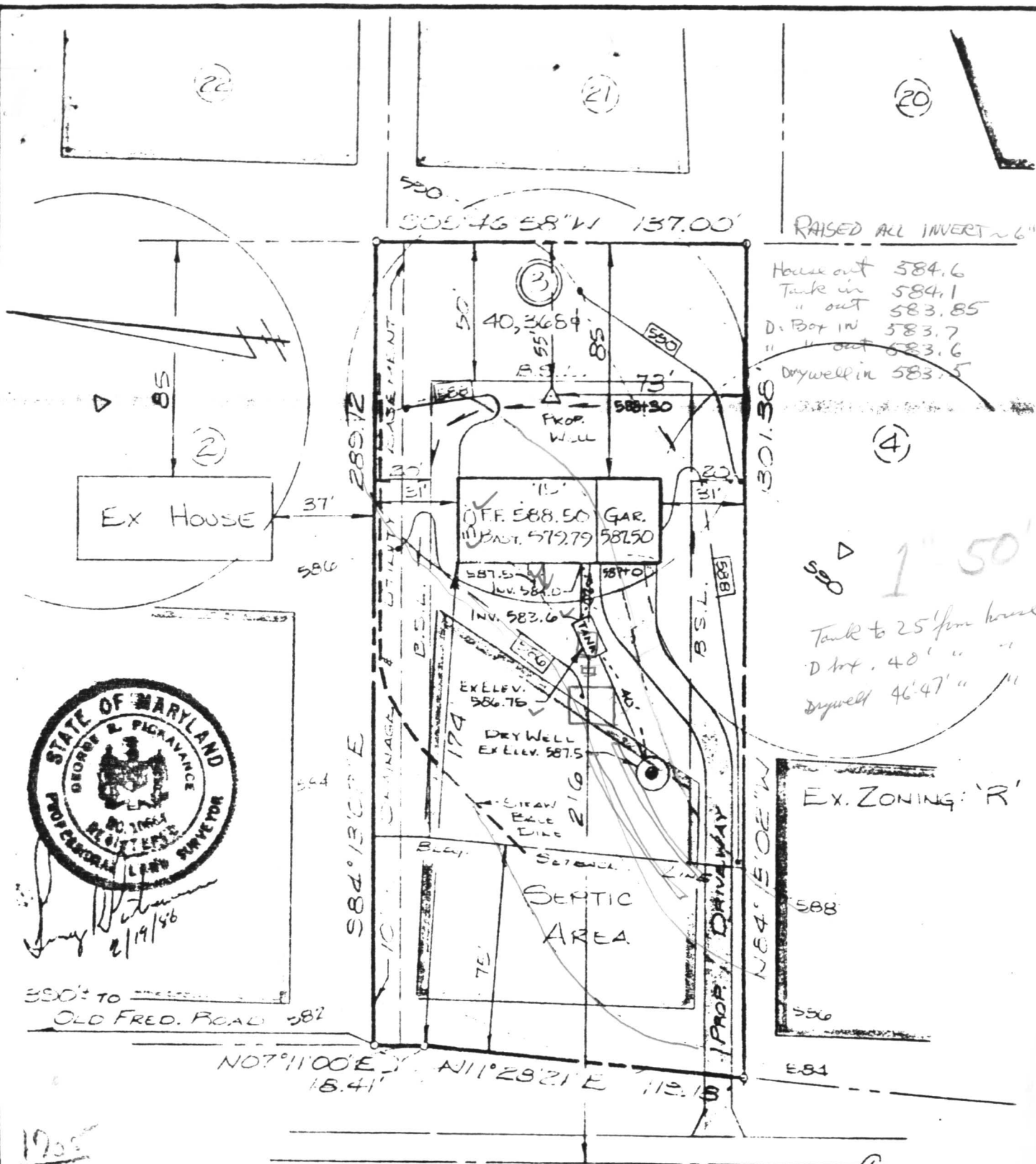
DIVISION OF
ENVIRONMENTAL
HEALTH

Form with multiple sections and checkboxes, including fields for patient information, medical history, and examination results. The form is partially obscured by a large diagonal line and contains various stamps and handwritten notes.

Form sections include:

- Patient Information (Name, Address, Date of Birth, etc.)
- Medical History (Allergies, Current Medications, etc.)
- Examination Results (Vital Signs, Physical Exam, etc.)
- Diagnosis and Treatment (ICD-9 codes, etc.)
- Signature and Date (Physician, Date)

Large diagonal line across the form.



350' TO
OLD FRED. ROAD 582

RAISED ALL INVERT ~ 6"
House out 584.6
Tank in 584.1
" out 583.85
D. Box in 583.7
" out 583.6
Drywell in 583.5

1" 50'
Tank to 25' from house
Dry. 40' " "
Drywell 46' 47' " "

EX. ZONING: 'R'

MARYLAND ROUTE #970J
SHA PLAT #42654
REVISED SEPTIC TANK LOC. 2-21-86

PLOT PLAN
OF
SECTION 1, LOT 3
ANNANDALE

KIDDE CONSULTANTS, INC.
1020 Cromwell Bridge Road, Baltimore, Maryland 21204

Scale: 1" = 50'
Issued: 2-17-86

RECEIVED
HOWARD COUNTY
HEALTH DEPT.

APR 8 9 01 AM '88

DIVISION OF
ENVIRONMENTAL
HEALTH