

9/16/87 AM
9/15 - ASAP

04-345606

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

INDEXED

DATE SYSTEM APPROVED

INSPECTOR

39983

A 36900

DATE

9-15-87

INSPECTOR

W. W. King

IS PERMITTED TO INSTALL X ALTER

ADDRESS 5329 Jefferson Pike, Frederick, MD 21701 PHONE 662-6990

SUBDIVISION Hardy Property ROAD 17591 Timberleigh Way LOT 3

PROPERTY OWNER William Dyer Kenny

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 - 200 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 4 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 125 feet from the front (193.6') lot line and 88 feet from the left (225.0') lot line as seen when facing the lot from Right-of-way. Run trenches on contour toward front left lot line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. ^{OK/CW}

^{-CONTRACTOR MUST SHOULD}
*Location is CRITICAL - REQUEST INSPECTION AS SOON AS EXCAVATION BEGINS. CW

PLANS APPROVED BY S. Abel DATE 5/07/87

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.

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

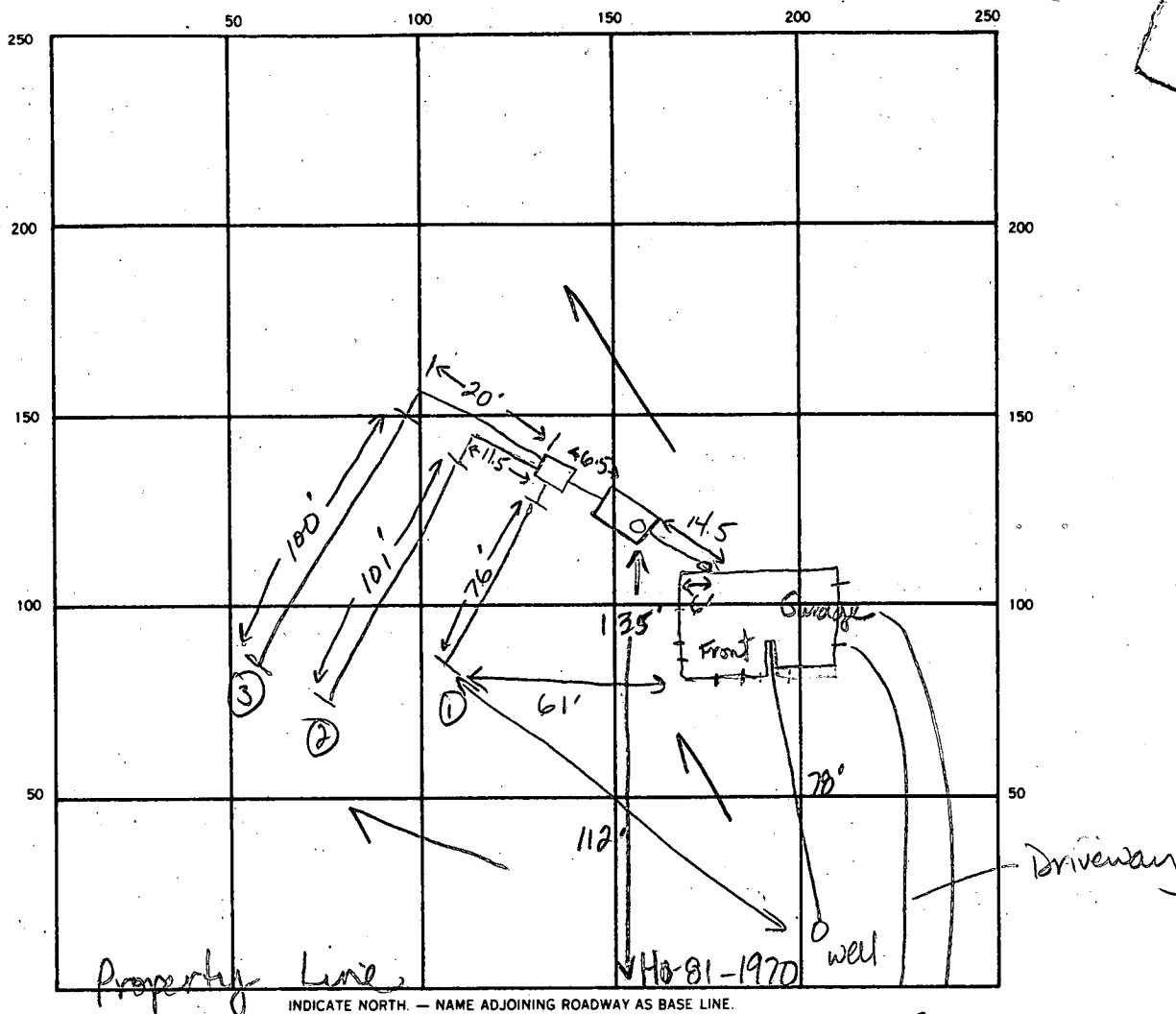
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 36900



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

Driveway off Timberleigh Way

SEPTIC TANK, LEVEL 1250 gal CLEANOUTS 1 at house, 1 at tank

DISTRIBUTION BOX, LEVEL OK

DRAIN FIELD TILE FIELD, DEPTH 5.5/5.5/5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4.0/3.5/4.0 FT.

EFFECTIVE GRAVEL DEPTH 1.5/2.0/1.5 FT. TOTAL LENGTH 76/101/180 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 228/303/300 SQ. FT.

DRYWELL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 831 SQ. FT.

REMARKS 9/9/87 TANK HOLES DUG — DISCUSSED LAYOUT WITH CONTRACTOR. C/L 1
9-15-87 OK to cover all work. JEN

DATE SYSTEM APPROVED 9-15-87 INSPECTOR JENadeau

APPLICATION

PERCOLATION TESTING

A 36900

P _____

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

DISTRICT _____

DATE 5/28/86

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 WILLIAM DYER KENNY

ADDRESS 17601 TIMBERLEIGH WAY PHONE _____
WOODBINE, MD 21797

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION HARDY PROPERTY LOT NO. 2 (2ND LOCATION)

ROAD AND DESCRIPTION 17591 TIMBERLEIGH WAY

TAX MAP 12 PARCEL # 69

SIZE OF LOT 1 ACRE (FARM PRESERVATION) 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)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for certified plat

BLDG. PERMIT, SIGNED
AND RETURNED 5-12-87
886
BPA H670

THIS IS NOT A PERMIT

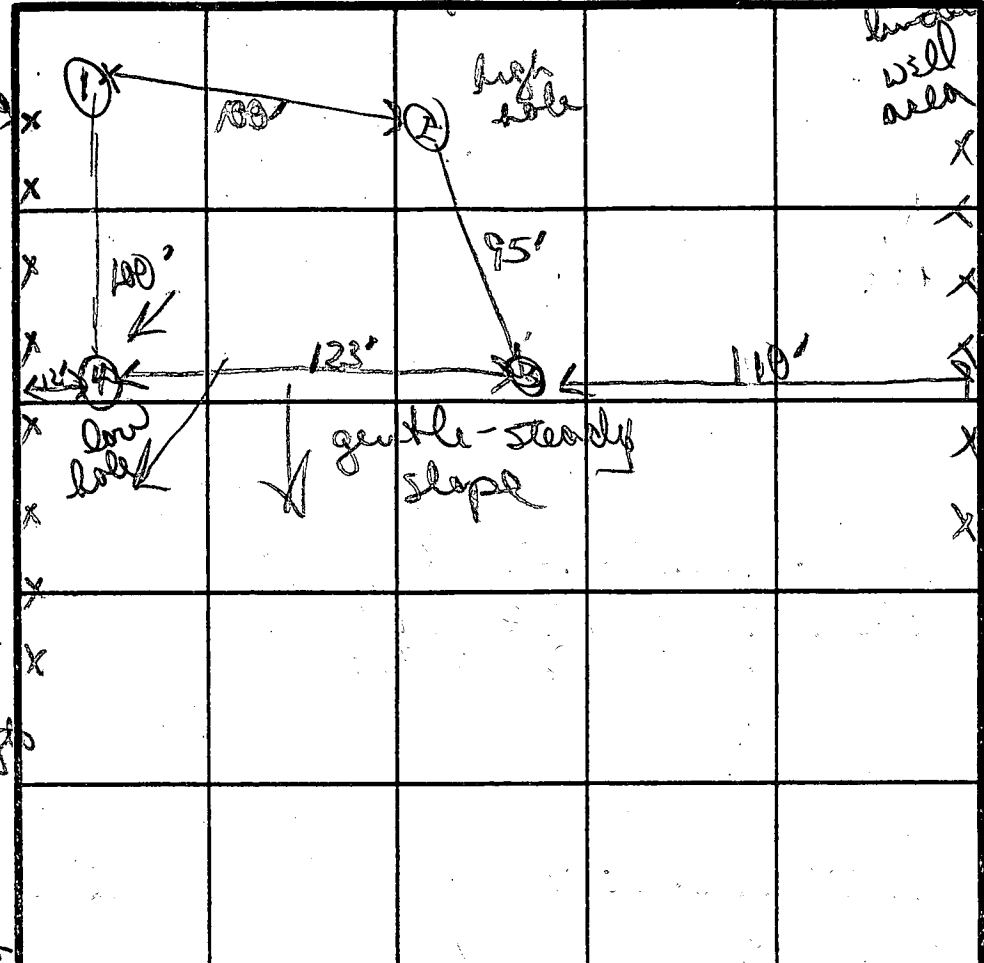
↑ TO LOT 3

per
file from lot 2

↑ TO EXISTING
25' ROAD

SOIL PROFILE

0' orange/red
clay
4' clay
6' changing
to orange
yellow
silty loam
10% small
frag. spherulites
11' frag. spherulites
12'D



↑ TO EXISTING
25' ROAD
prop
fence
COMMON DRIVEWAY

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

red/orange
clay

silty loam
with 10% small
to large (1-8')
frag. spherulites

15-20% red
eye frags
12'D

orange/brown
clay to clay
loam

orange red
silty
loam with
10% small
frag. spherulites
13'D

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|-------|----------------------|------|----------------|------|-------|
| | | | START | STOP | START | STOP | |
| 5/28/86 | ① | 5S | 1223 | 1237 | 1237 | 1247 | 10min |
| | | 8M | 1155 | 1200 | 1200 | 1210 | 10min |
| | | 12'D | bottom (see profile) | | | | |
| | ② | 4'S | 1159 | 1206 | 1206 | 1218 | 12min |
| | | 8'M | 1159 | 1203 | 1203 | 1206 | 3min |
| | | 12'D | bottom (see profile) | | | | |
| | ③ | 4'S | 1227 | 1231 | 1231 | 1243 | 12min |
| | | 8'm | 1217 | 1230 | 1230 | 1255 | 25min |
| | | 12'D | bottom (see profile) | | | | |
| | ④ | 4'S | 1214 | 1214 | 1214 | 1220 | 6min |
| | | 8'm | 1210 | 1216 | 1216 | 1227 | 11min |
| | | 13'D | bottom (see profile) | | | | |

INLET
4-4 1/2'

X=11

OVER

REMARKS soils generally better on this lot than other 2

TYPE OF SOIL orange red clays 4-4 1/2'; below silty loams w/ 5-15% coarse spherulites

TESTED BY B. Nixon

ALSO PRESENT Dyer, Herman & Jr

SITE, GRADING & SEDIMENT CONTROL PLAN

LOT 3

KENNEY SUBDIVISION

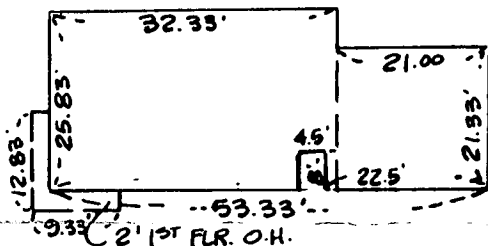
SITUATED OFF TIMBERLEIGH WAY
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 40'

APRIL, 1987

NOTES:

- 1) TOPOGRAPHY SHOWN HEREON IS FIELD RUN AND ELEVATIONS ARE BASED ON ASSUMED DATUM.
- 2) LOT BOUNDARY AND SEPTIC LOCATION AS SHOWN HEREON IS BASED ON A PLAT BY OTHERS TITLED "KENNEY SUBDIVISION LOTS 1 THRU 5 - A RESUBDIVISION OF LOT 2 - ALBERT R. HARDY, ET. AL. SUBDIVISION."



HOUSE DETAIL N.T.S.
(FOR MORE DETAIL REFER TO ARCH. PLANS)

N 61° 59' 37" W 193.60'

1058.68

LOT 2

END OF INITIAL
TRENCH -
INV. EL. = 431.00
EX. GND. = 436.00

SEPTIC INFO:

INV. OUT FROM HSE: 444.0

17 L.F. TO SEPTIC TANK

INV. IN - SEPTIC TANK =

442.00

INV. OUT - SEPTIC TANK =

441.70

(EX. GROUND @ SEPTIC TANK = 446.00)

SEPTIC TANK TO DISTRIBUTION BOX = 11 L.F. ±

INV. IN DIST. BOX = 440.0

INV. OUT DIST. BOX + IN TO TRENCH = 439.5 ± 0.5

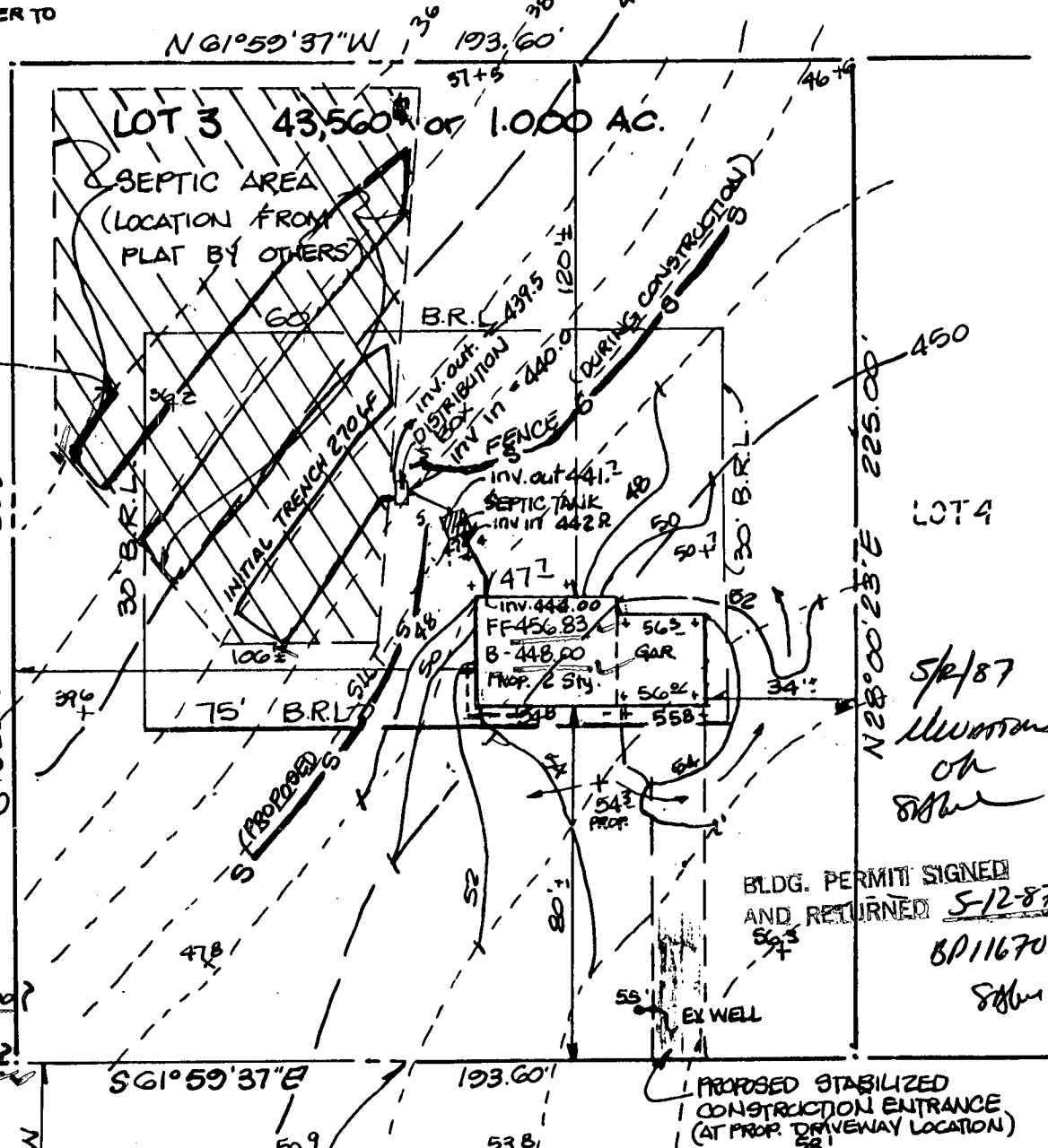
EX. GROUND EL. @ DIST. BOX = 444.00

EX. GROUND EL. @ BEG. OF TRENCH = 443.5

INV. EL. @ END OF INITIAL TRENCH = 431.00

EX. GND. @ END OF INITIAL TRENCH = 436.00

EX. GROUND ELEV. @ WELL = 455.10



LOT 4

5/2/87
Illustrations
OK
SAB

BLDG. PERMIT SIGNED
AND RETURNED 5-12-87

BP11670

SAB

H1058

| | | | |
|---|--------------------------------|---|--|
| B 1 1980 <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small> | SEQUENCE NO. (OEP USE ONLY) | STATE OF MARYLAND PERMIT TO DRILL WELL please print or type | OEP PERMIT NUMBER HC-81-11970 <small>fill in this form completely</small> |
| Date Received <div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px 0;"></div> OWNER INFORMATION <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> KENNEY <small>15 Last Name</small> </div> <div style="width: 45%;"> DYER <small>34 First Name</small> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> 17601 TIMBERLEIGH WAY <small>36 Street or RFD</small> </div> <div style="width: 45%;"> WOODBINE <small>57 Town</small> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> MD 21797 <small>70 State</small> </div> <div style="width: 45%;"> 797 <small>76 Zip</small> </div> </div> | | B 3 LOCATION OF WELL <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> HOWARD <small>8 COUNTY</small> </div> <div style="width: 45%;"> KENNEY SUBDIVISION <small>23 SUBDIVISION</small> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> SECTION 44 <small>44</small> </div> <div style="width: 45%;"> LOT 3 <small>48 50</small> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> LISBON <small>52 NEAREST TOWN</small> </div> <div style="width: 45%;"> 4 MI <small>73 76 77 78</small> </div> </div> | |
| DRILLER INFORMATION William Quynn <small>Driller's Name</small> | | B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) | |
| Quynn-Crowwell Well Drilling <small>Firm Name</small> 6030 Keyser Ln. Frederick, MD <small>Address</small> W B Quynn <small>Signature</small> | | 11 NEAR WHAT ROAD TIMBERLEIGH WAY <small>30</small> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) | |
| B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 <small>8 12</small> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 <small>14 20</small> | | NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD <small>COUNTY NAME</small> A-36900 <small>COUNTY NO.</small> 031087 <small>DATE ISSUED</small> 09/10/87 <small>EXP. DATE</small> | |
| USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST-OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT) | | CO SIGNATURE B. Quynn <small>48</small> 535000 <small>50 55</small> 0763000 <small>57 63</small> | |
| APPROXIMATE DEPTH OF WELL 300 FEET <small>24 28</small> | | 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 <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;"> 7603 <small>E</small> </div> <div style="border: 1px solid black; padding: 5px;"> 5305 <small>N</small> </div> </div> | |
| APPROXIMATE DIAMETER OF WELL 6 INCH <small>NEAREST INCH</small> | | | |
| METHOD OF DRILLING (circle one) BORED (or Augered) <u>JETTED</u> Jetted & DRIVEN AIR-ROTARY <u>AIR-PERCussion</u> ROTARY (Hydraulic Rotary) CABLE <u>REVERSE-ROTARY</u> Drive-POINT other _____ | | REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____ | |
| Not to be filled in by driller (OEP USE ONLY) APPROX. PERMIT NUMBER _____ GAP _____ <small>54 63</small> FORCE PA PERMIT NO. HC-81-11970 <small>67 68 IN BOX 70 71 72 73 74 75 76 77 78 79</small> | | DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION | |
| SPECIAL CONDITIONS | | | |

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation X
Replacement

Receipt # 39984
Date 8/28/87

Name of Installer Walter W. King Plumbing & Heating

Telephone 662-6990

License Number

Certified Well Pump Installer Well Driller Registered Plumber X

Name of Property Owner William Dyer Kenny

Telephone

Subdivision Hardy Property Lot # 3

Well Tag # HO - 81 - 1970

Site Address 17591 Timberleigh Way

Pump

1. Type
 - a. Deep well jet
 - b. Shallow well jet
 - c. Submersible
2. Make
3. Model #
4. Capacity GPM

Motor

1. Horsepower
2. RPM
3. Voltage
 - a. 110
 - b. 220

Pitless Adapter

1. Make
2. Model #
3. Depth

5. Pump exceeds well capacity Yes No
6. If Yes, is low pressure cutoff switch installed? Yes No
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other

Tank

1. Capacity 1250
2. Pressure relief valve?

Piping

1. Type
2. Size
3. NSF and/or BOCA Code approved
4. Depth of supply line

Well data

1. Depth 160 ft.
2. Yield 10 GPM
3. Static water level ft.
4. Will water supply be disinfected by installer?

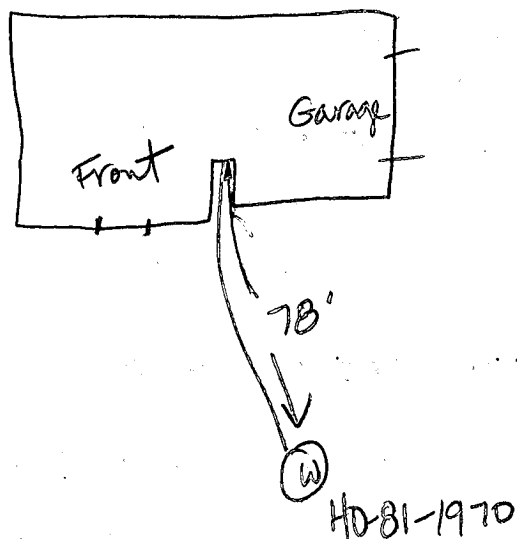
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

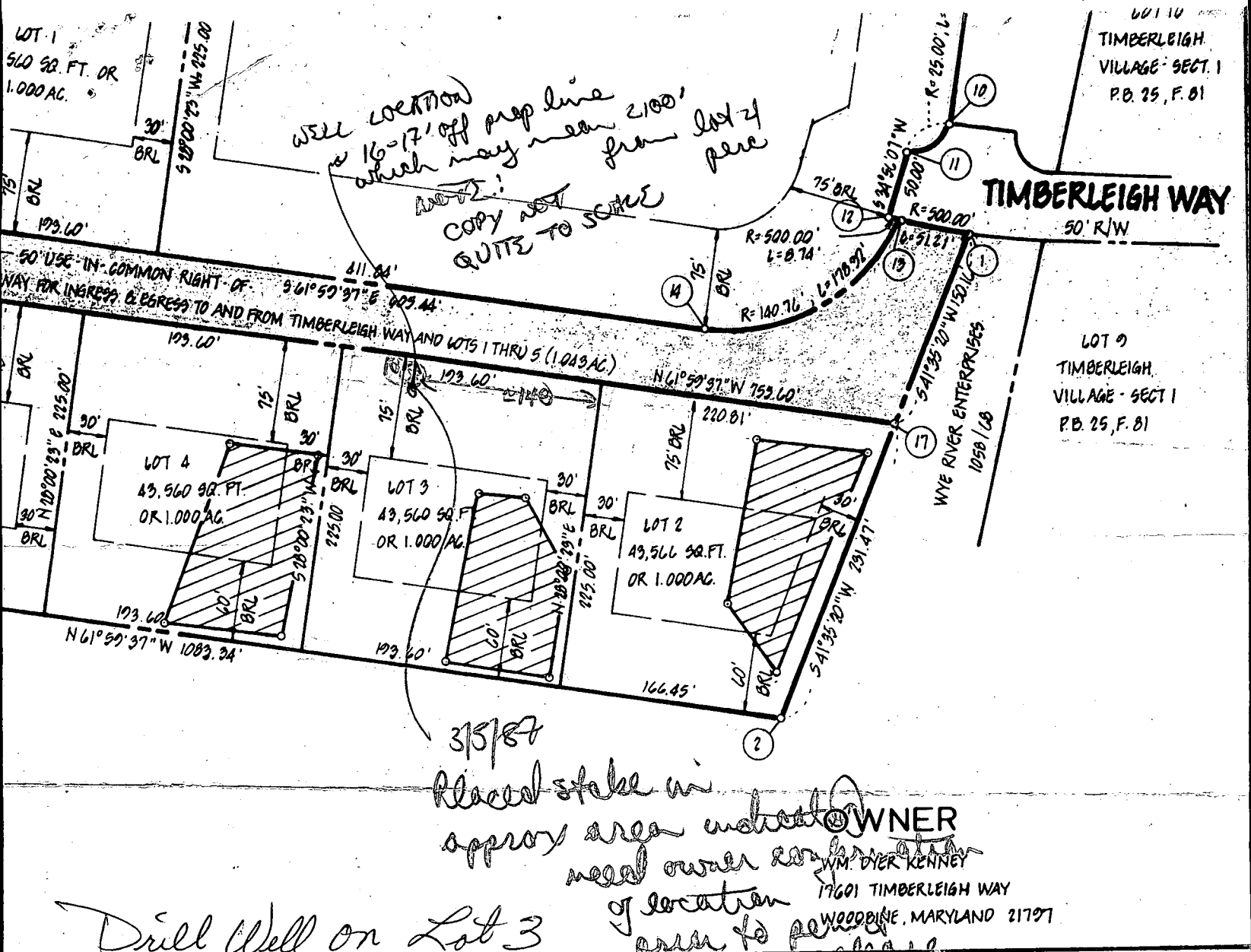
Signature of Applicant:

Date:

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.



9-15-87 Pitless adaptor at 56 inches. Ground line
on casing. House connection ok. J.E. Nadeau.



SURVEYOR'S CERTIFICATE

I certify that the final plat shown hereon is that it is a RESUBDIVISION OF (1) PART OF THE LANDS CONVEYED BY ALBERT R. HARDY, ET AL, TO WILLIAM D. KENNEY AND CHARYN E. KENNEY, HIS EXECUTORS, DATED SEPTEMBER 19, 1977 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 846 AT FOLIO 402, (2) ALL OF THAT PART OF LAND THAT WAS GRANTED AND CONVEYED BY WYE RIVER ENTERPRISES, INC., TO WILLIAM DYER KENNEY AND CHARYN E. KENNEY, HIS EXECUTORS, DATED JULY 24, 1982 AND RECORDED AMONG THE AFORESAID LAND RECORDS IN LIBER 1121, FOLIO 183 AND (3) ALL OF LOT 2 AS SHOWN ON A SUBDIVISION ENTITLED LOT 2 ALBERT R. HARDY, ET AL, SUBDIVISION, RECORDED AMONG THE AFORESAID LAND RECORDS IN PLATBOOK 5252 AND MONUMENTS ARE IN PLACE AS SHOWN IN ACCORDANCE WITH THE SURVEYING CODE OF MARYLAND, AS AMENDED.

William A. Hester
WILLIAM A. HESTER, PROFESSIONAL LAND SURVEYOR, MD. NO. 7836

1-8-87
DATE

RECORDED AS PLAT ON _____ AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.

KENNEY SUBDIVISION

LOTS 1 THRU 5

A RESUBDIVISION OF LOT 2 - ALBERT R. HARDY, ET AL, SUBDIVISION

TAX MAP - 12
TAX MAP PARCEL NO. - 69
EX. ZONING - R
ELECTION DISTRICT - 4TH
HOWARD COUNTY, MARYLAND
SCALE - 1" = 100'
DATE - DECEMBER, 1986
O. P. & Z. FILE NOS. - 8A-242-D, VP-86-19
SHEET 2 OF 2

boender associates
inc.
consulting engineers
land surveyors
land planners

COURTHOUSE SQUARE
3565 ELLICOTT MILLS DRIVE
ELLICOTT CITY, MD. 21043
(301) 465-7777