

12/8/97
a.m. co
2:30 pm
WP I
12/12/97
1 pm

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXX~~

410-313-2640

05-413672

INDEXED

P 5 9245A

A 50844

DISTRICT 5th

DATE 12/5/97

DATE SYSTEM APPROVED 12/8/97

INSPECTOR DKS

Jack Fyock Septic Services

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 13775 Triadelphia Road, Glenelg, Maryland 21737 PHONE 410-313-2640

SUBDIVISION Oak Ridge Farm LOT 25 ROAD 4315 Ten Oaks Road

PROPERTY OWNER Andrew F. Curtis

ADDRESS

SEPTIC TANK CAPACITY 1000 GALLONS

*** HEALTH DEPARTMENT MUST BE PRESENT FOR LAYOUT
CHECK BEFORE ANY WORK IS STARTED. ***

NUMBER OF BEDROOMS 3

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

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

LOCATION - Starting at the intersection of the 314.45' and 477.58' lot lines, place the distribution box 90 feet down the 477.58' lot line and 145 feet off this same lot line as seen when facing the lot from Ten Oaks Road. Run trenches along contour in both directions.

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

PLANS APPROVED BY Donna K. Soe/Kim Maiste 9/22/97

REVISED DATE 09/10/97

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

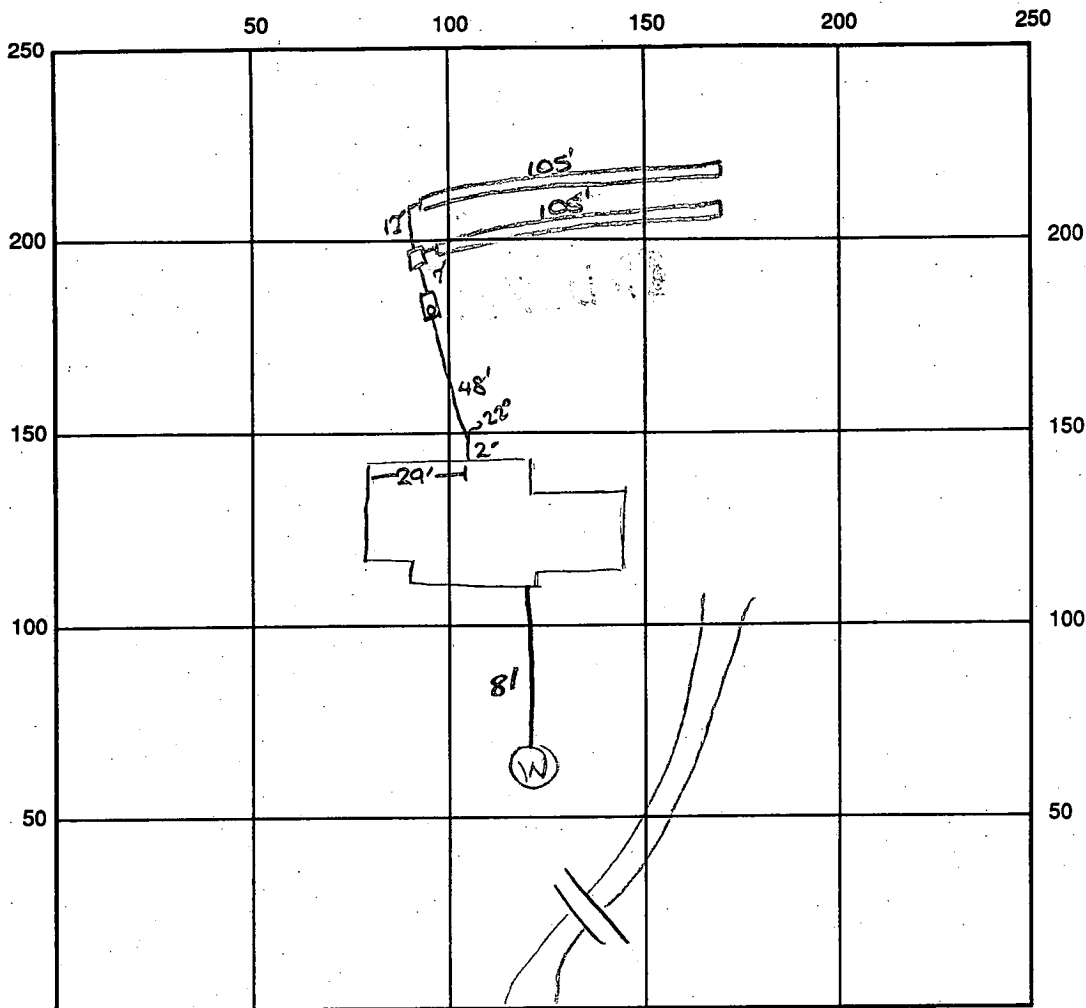
PERMIT VOID AFTER TWO YEARS

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 50844



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Ten Oaks Rd.

SEPTIC TANK LEVEL OK-1000 gal CLEANOUTS one on tank

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 2x105 FT. → 210'

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 630 SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 12/8/97 A.M. layout check confirmed -OK to install. DKS

12/8/97 P.M. FINAL INSP -OK to cover all work. DKS

12/12/97 WPT OK TO COVER (Pump not w, still needs
GROUND WIRE 3' above TRENCH CASING). DKS

DATE SYSTEM APPROVED

12/8/97

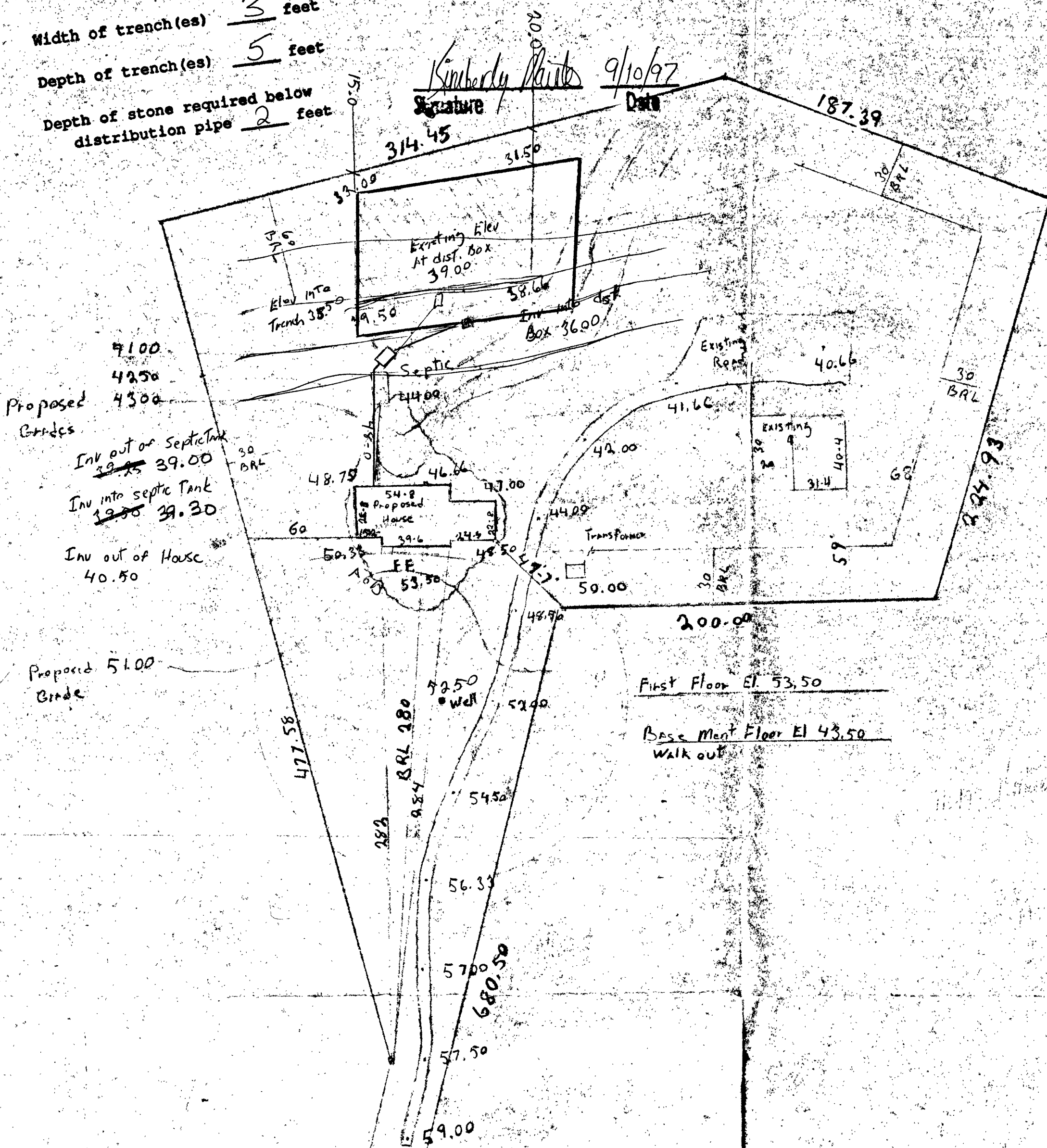
INSPECTOR

[Signature]

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

Approved Septic System Plan
 Howard County Health Department

Simberly Hantz 9/10/97
 Signature Date



4315 Ten Oaks Rd.
 Lot 5
 Parcel 27
 3.234 AC.
 Sub Division Oak Ridge Farm
 1"=50'

50' Use In Common
 Easement For Egress
 And Egress To And From
 Lots 1, 3, 4, 5 and Ten Oaks Rd
 (L 2244, F 653)

TEN OAKS ROAD

12864

SEQUENCE NO.
(MDE 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 50844

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED
060496

Depth of Well
2236026
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
H0-93-0074

OWNER
last nameKramerfirst nameDonald

STREET OR RFD
4315 Ten Oaks Rd.

TOWN
Dayton

SUBDIVISION
Oak Ridge farm

SECTION

LOT
5

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

TOP Soil02

red Clay28

Sand Stone852

Mica5275

Sand Stone7577✓

Mica7785

Sand Stone8586✓

Mica86325

Flint325326✓

Mica326360

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL (Circle one)

CEMENTCMBENTONITE CLAYBC

NO. OF BAGS20NO. OF POUNDS2000

GALLONS OF WATER100

DEPTH OF GROUT SEAL (to nearest foot)

from0ft. to61ft.
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below

STEELSTCONCRETECO

PLASTICPLOTHEROT

MAIN CASING TYPE

Nominal diameter
top (main) casing
(nearest inch)

Total depth
of main casing
(nearest foot)

ST666

OTHER CASING (if used)

diameter
inch

depth (feet)
fromto

SCREEN RECORD

screen type
or open hole

insert
appropriate
code
below

STEELSTBRASSBRONZEBR

PLASTICPLOTHEROT

WELL HYDROFRACTURED

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.

TYPE: MWD/MSD/MGD

DRILLERS LIC. NO. 40

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 501

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

TELESCOPE CASING

LOG INDICATOR

OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 8

METHOD USED TO
MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 50 ft.

WHEN PUMPING 148 ft.

TYPE OF PUMP USED (for test)

A airP pistonT turbine

C centrifugalR rotaryO other
(describe below)

J jetS submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION
MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED
PLACE (A,C,J,P,R,S,T,O)
IN BOX 29

CAPACITY:
GALLONS PER MINUTE
(to nearest gallon)

PUMP HORSE POWER

PUMP COLUMN LENGTH
(nearest ft.)

CASING HEIGHT (circle appropriate box
and enter casing height)

LAND SURFACE

LOCATION OF WELL ON LOT

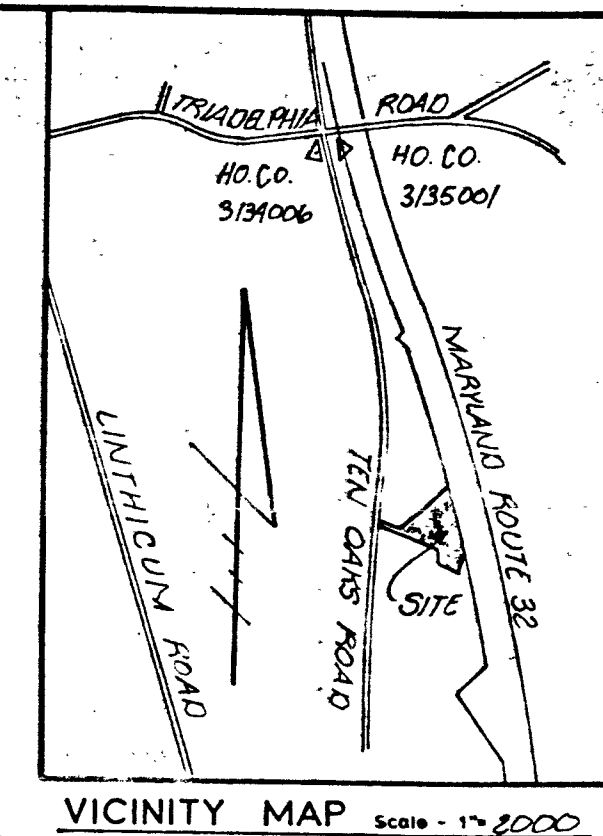
SHOW PERMANENT STRUCTURE SUCH AS
BUILDING, SEPTIC TANKS, AND /OR
LANDMARKS AND INDICATE NOT LESS
THAN TWO DISTANCES
(MEASUREMENTS TO WELL)

B 1	6347	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 40-93-0074 fill in this form completely
THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS Date Received (APA) 082895 OWNER INFORMATION KRAMER DONALD 4335 TEN OAKS RD DAYTON MD 21036 LOCATION OF WELL W50844 HOWARD OAK RIDGE FARMS CLEMELLS 1 MI				
DRILLER INFORMATION George F. Easterday L. F. Easterday Inc 21771 8-24-95 LOCATION OF WELL W50844 4335 TEN OAKS RD 600 FT				
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 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) 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 other _____ REPLACEMENT OR DEEPEINED 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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS ☐ THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) _____ NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard W50844 COUNTY NAME COUNTY NO. STATE DATE ISSUED 102495 Southern 10/23/96 CO SIGNATURE 517000 EAST GRID 0805000 SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. wells 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE 808 5 512 T DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 6/4/96 X10:30glat open 64' casing 67' #bags 20 location OK tag on well DIES Glencely TRIADPHIA Ten Oaks				
Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER GAP FORCE DS PERMIT No. 40-93-0074 SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED				

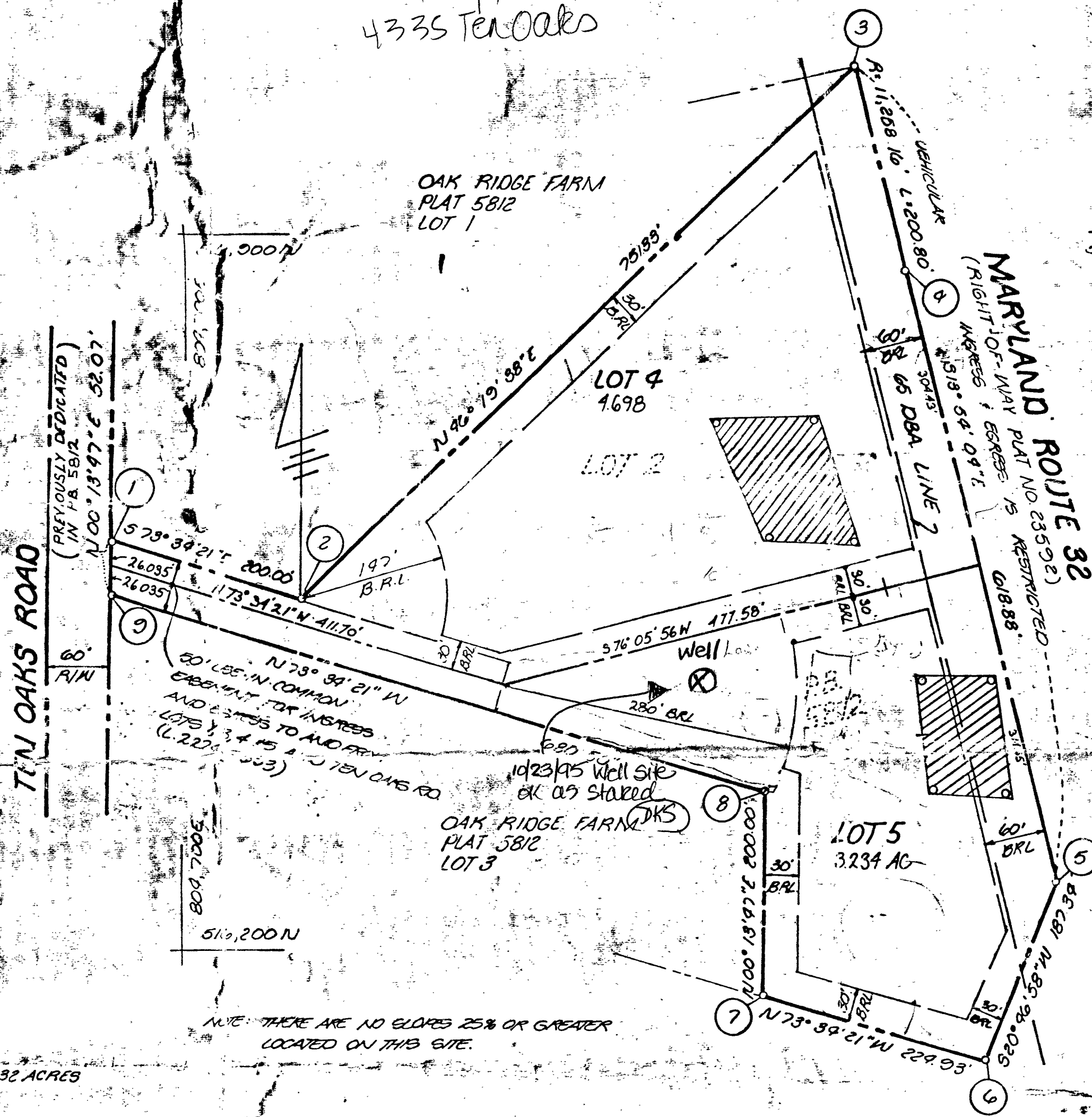
COORDINATE SCHEDULE		
NO.	NORTH	EAST
1	51660166	80462043
2	51659507	80481227
3	51706392	80535571
4	51686944	80590568
5	51626869	80555437
6	51609353	80587889
7	51615714	80527214
8	51635719	80527204
9	51659559	80462022

CURVE DATA					
NO.	RADIUS	LENGTH	TANGENT	Δ	CHD. BEARING DIST.
3-4	11,258.16	200.80	100.40	01°01'19"	519°29'43"E 200.79

LOT AREA TABULATION CHART				
LOT	GROSS AREA	PIPESTEM	FLOODPLAIN 125% SID.	NET AREA
4	4.028 AC.	0.115 AC.	0	4.583 AC.
5	3.234 AC.	0.234 AC.	0	3.000 AC.



Map 28 of P. 27
4335 Ten Oaks



GENERAL NOTES

- 1) Tax Map - 22 Parcel - 27
- 2) Deed Reference - LIBER 1102, FOLIO 039
- 3) Coordinates shown hereon are based on Maryland State Plane coordinate system Howard County corner station 3134006 & 3135001
- 4) Subject property zoned - R per 8-02-85 Comprehensive Zoning Plan
- 5) * - Designates iron pin set
- 6) The lots shown hereon comply with the minimum ownership width and lots required by the Maryland State Department of EMBANKMENT.
- 7) This area designated a private sewage easement of 10,000 sq. ft. as required by the Maryland State Department of EMBANKMENT for individual sewage disposal. Improvements of any nature in this area are restricted until public sewerage is available and servicing any residential structures constructed on these building sites. 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 encroachments into the private sewer easement. Recordation of a modified sewage easement shall not be necessary.
- 8) All percolation test holes shown hereon have been field located and shown thus (a)
- 9) Flag or pipestem lots shall not be further subdivided into lots accommodating additional residences unless a public road can be constructed according to county standards on a minimum fifty (50) foot right-of-way to be deeded to the County.
- 10) THERE IS AN EXISTING DWELLING ON LOT 9, 6 YEARS OLD
- 11) THE PURPOSE OF W/P-80-170 IS TO PROVIDE A 50' USE-IN-COMMON ACCESS EASEMENT FOR INGRESS & EGRESS FOR LOTS 1, 3, 4 & 5
- 12) USE-IN-COMMON DRIVEWAY ACCESS AGREEMENT IS RECORDED IN LIBER 2214 AT FOLIO 463
- 13) THE SUBJECT PROPERTY CONTAINS NO WETLANDS

AREA TABULATIONS

TOTAL NUMBER OF LOTS TO BE RECORDED: 2
TOTAL AREA OF LOTS TO BE RECORDED: 7.932 ACRES
TOTAL AREA OF ROADWAYS TO BE RECORDED INCLUDING WIDENING STRIPS: NONE
TOTAL AREA OF OPEN SPACE TO BE RECORDED: NONE
TOTAL AREA OF FLOODPLAIN TO BE RECORDED: NONE
TOTAL AREA OF SUBDIVISION TO BE RECORDED: 7.932 ACRES

NOTE: THERE ARE NO SLOPES 25% OR GREATER LOCATED ON THIS SITE.

OWNER

D. WAYNE KRAMER
9335 TEN OAKS ROAD
DAYTON, MD 21036
TEL: (301) 531-2642

OWNER'S STATEMENT

We, DONALD E. KRAMER, and BARBARA ANN KRAMER, owners of the property shown and described hereon, hereby adopt this plan of subdivision, and in consideration of the approval of this final plat by the DEPT. of Planning and Zoning, establish the minimum building restriction lines and grant unto Howard County, Maryland, its successors and assigns, 1) the right to lay, construct and maintain sewers, drains, water pipes and other municipal utilities and services, in and under all roads and street rights-of-way and the specific easement areas shown hereon, 2) the right to require dedication for public use, the bases of the streets and/or roads and floodplains and open space where applicable, and for good and other valuable consideration, hereby grant the right and option to Howard County to acquire the fee simple title to the beds of the streets and/or roads and floodplains, storm drainage facilities and open space where applicable, 3) the right to require dedication of waterway and drainage easements for the specific purpose of their construction, repair and maintenance, and 4) that no building or similar structure of any kind shall be erected on or over the said easements and rights-of-way.

Witness my/our hands this 31 day of August, 1989

Donald E. Kramer
DONALD E. KRAMER

Barbara Ann Kramer
BARBARA ANN KRAMER

SURVEYOR'S CERTIFICATE

I hereby certify that the final plat shown hereon is correct, that it is a RESUBDIVISION of PART of the lands conveyed by HOMER DONALD PARSLEY TO DONALD E. KRAMER AND BARBARA ANN KRAMER by deed dated MAY 6, 1982, and recorded in the Land Records of Howard County, Maryland in Liber 1102 at Folio 039, and that all monuments are in place as shown in accordance with the Annotated Code of Maryland, as amended.

William G. Hartel
William G. Hartel, Professional Land Surveyor, MD No. 9436 Date 8/31/89

RECORDED AS PLAT 9511 ON 10-22-89 AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.

OAK RIDGE FARM
LOTS 4 & 5

A RESUBDIVISION OF LOT 2

TAX MAP - 22
TAX MAP PARCEL NO. - 27
EX. ZONING - R
ELECTION DISTRICT - 3RD
HOWARD COUNTY, MARYLAND
SCALE - 1" = 100'
DATE - JULY, 1989
O.P. & Z. FILE NO. - W/P-80-170
F-89-192

boender associates
inc.
consulting engineers
land surveyors
land planner

3230 BETHANY LAKE
ELICOTT CITY, MD 21043
(301) 461-1111

F-90-48