

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 37005

A 39407

DISTRICT 5th

DATE 5/3/94

DATE SYSTEM APPROVED 5/26/94

INSPECTOR *APM*

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~X46XG0233X~~ 313-2640

INDEXED

Leaf/Tradition Home Builders _____ IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 5920 Augustine Avenue, Elkridge, Maryland 21227 PHONE 796-2476

SUBDIVISION Allen M. Brown Property LOT 2 ROAD 4540 Ten Oaks Road

PROPERTY OWNER Steven G. Leaf

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 144

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 250 feet from the right (372.78') lot line and 160 feet off the left (159.61') lot line as seen when facing the lot from the right-of-way. Run trenches along contour toward the right (372.78') and rear (400.76') lot lines. Maintain a minimum of 100 feet to all wells.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OKMR 1/31/94

PLANS APPROVED BY Jane Nadeau DATE 9/19/91

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

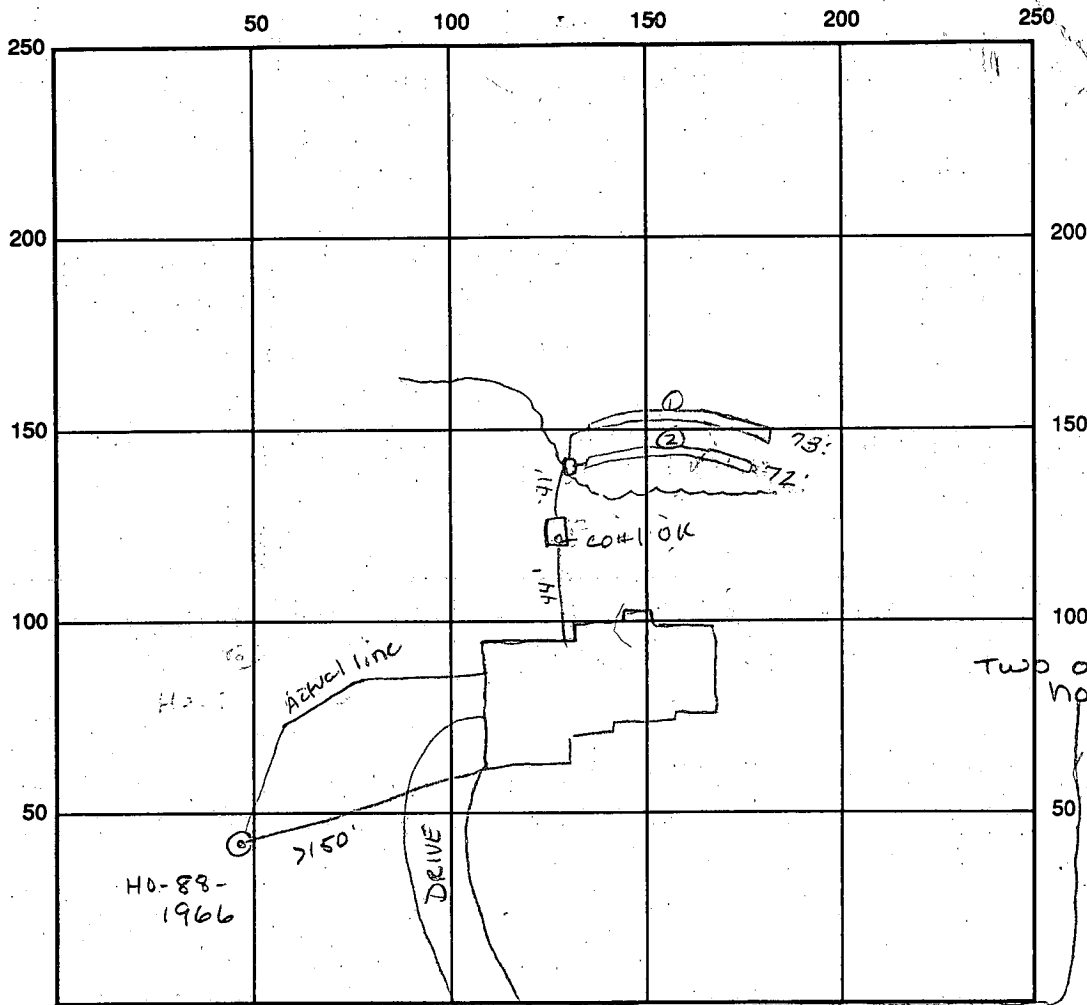
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A 39401

144
3-8



SEPTIC TANK LEVEL OR 1250 gal CLEANOUTS #1 OK
 DISTRIBUTION BOX LEVEL OR baffle is in
 DRAIN FIELD/TITLE DEPTH 8' FT. TRENCH WIDTH 2' FT. INLET DEPTH 2 1/2-3' FT.
 EFFECTIVE GRAVEL DEPTH 5' FT. TOTAL LENGTH 145 linear feet
 NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 725 SQ. FT.
 DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.
 ABSORBENT AREA SQ. FT.

REMARKS: 5/25/94 Finish last 5' of trenches 1 & 2 then OK to fill w/ stone
cover if necessary - leave ends open - call for inspection AUM
5/26/94 House connection made Trenches OK to cover final AUM

5/25/94 NO WPI AUM 5/26/94 NO WPI AUM
 DATE SYSTEM APPROVED 5/26/94 INSPECTOR Amy McMillan

APPLICATION

PERCOLATION TESTING

A 39407
P _____

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

DISTRICT _____

DATE 5/27/87

5/21/87
OK TO PROCESS
SAB

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 ALLEN M. BROWN Steven G. Leaf

ADDRESS 4609 LINTHICUM ROAD PHONE 531-2658
DAYTON, MD. 21036 410-531-2573

PROSPECTIVE BUYER N/A

ADDRESS N.A. PHONE _____

PROPERTY LOCATION: PROPOSED
SUBDIVISION ALLEN M. BROWN SUBDN LOT NO. 2

ROAD AND DESCRIPTION TEN OAKS ROAD (W SIDE) 0.4 MI ± N. OF HOWARD ROAD

LOT 2 IS 400' TO 750' WEST OF TEN OAKS RD.

TAX MAP 28 PARCEL # 218

SIZE OF LOT 3.3 AC ± TYPE BLDG. SFD, 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. Allen M. Brown
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

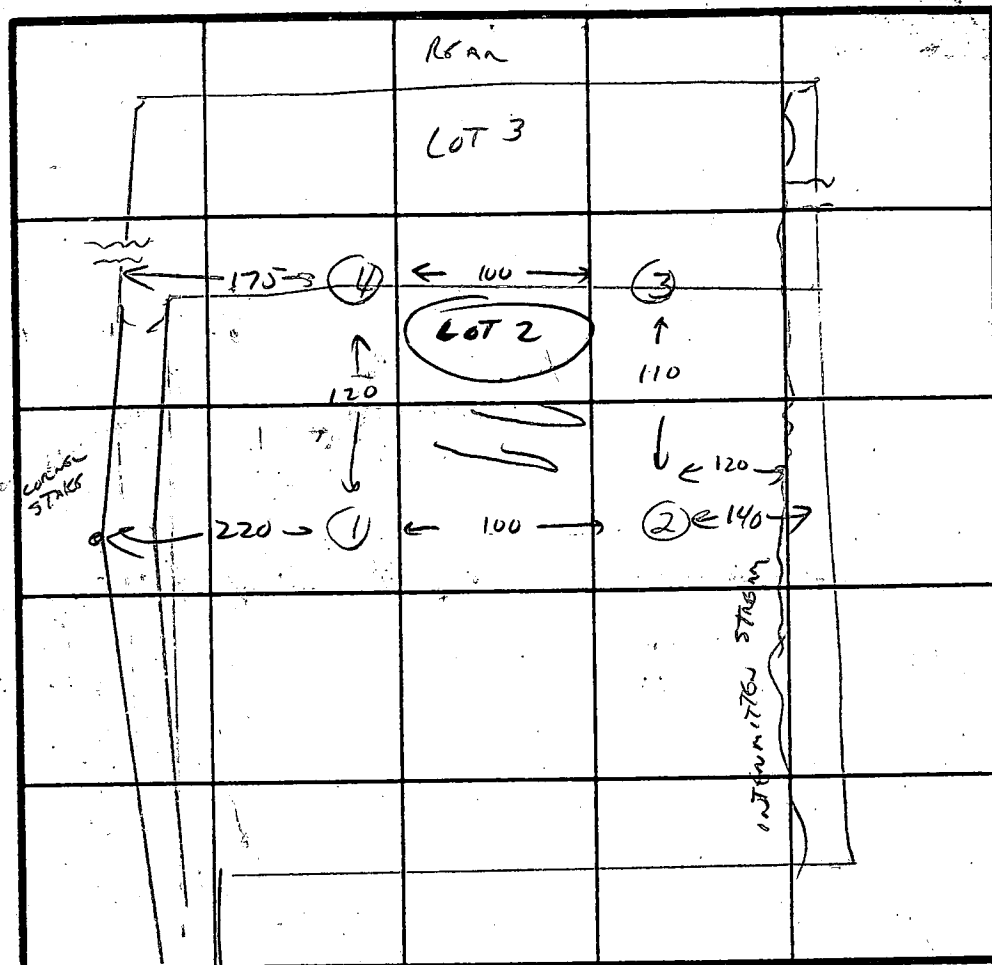
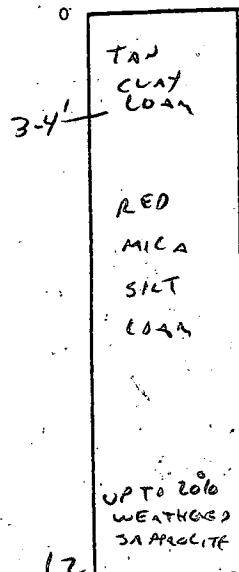
BLDG. PERMIT SIGNED
AND RETURNED 5/14/87
Serial # 57857-SFD-4Bem

THIS IS NOT A PERMIT

A 39407

ALL HOLES

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/12/87	1	VIS OK LOAM 3	-12'				
6/12/87	2	3 1/2 7 1/2	VIS OK 1:45	SANDY 1:46	1:46	1:48	2 MIN
6/12/87	3	3 1/2 7 1/2	1:38 1:38	1:39 1:40	1:39 1:40	1:40 1:44	1 MIN 4 MIN
6/12/87	4	VIS OK LOAM 3-10'					

ON LINE HOLES
SAME AS
HOLES 3+4
A39408

REMARKS

TYPE OF SOIL

MICA LOAM

TESTED BY

C. Williams

ALSO PRESENT

ALON BROWN

2	0.2345 AC.	0.2344 AC.	3.0001 AC.
3	3.5022 AC.	0.4180 AC.	3.0842 AC.

N515000

E8045000

Copy of
Signed
Plat

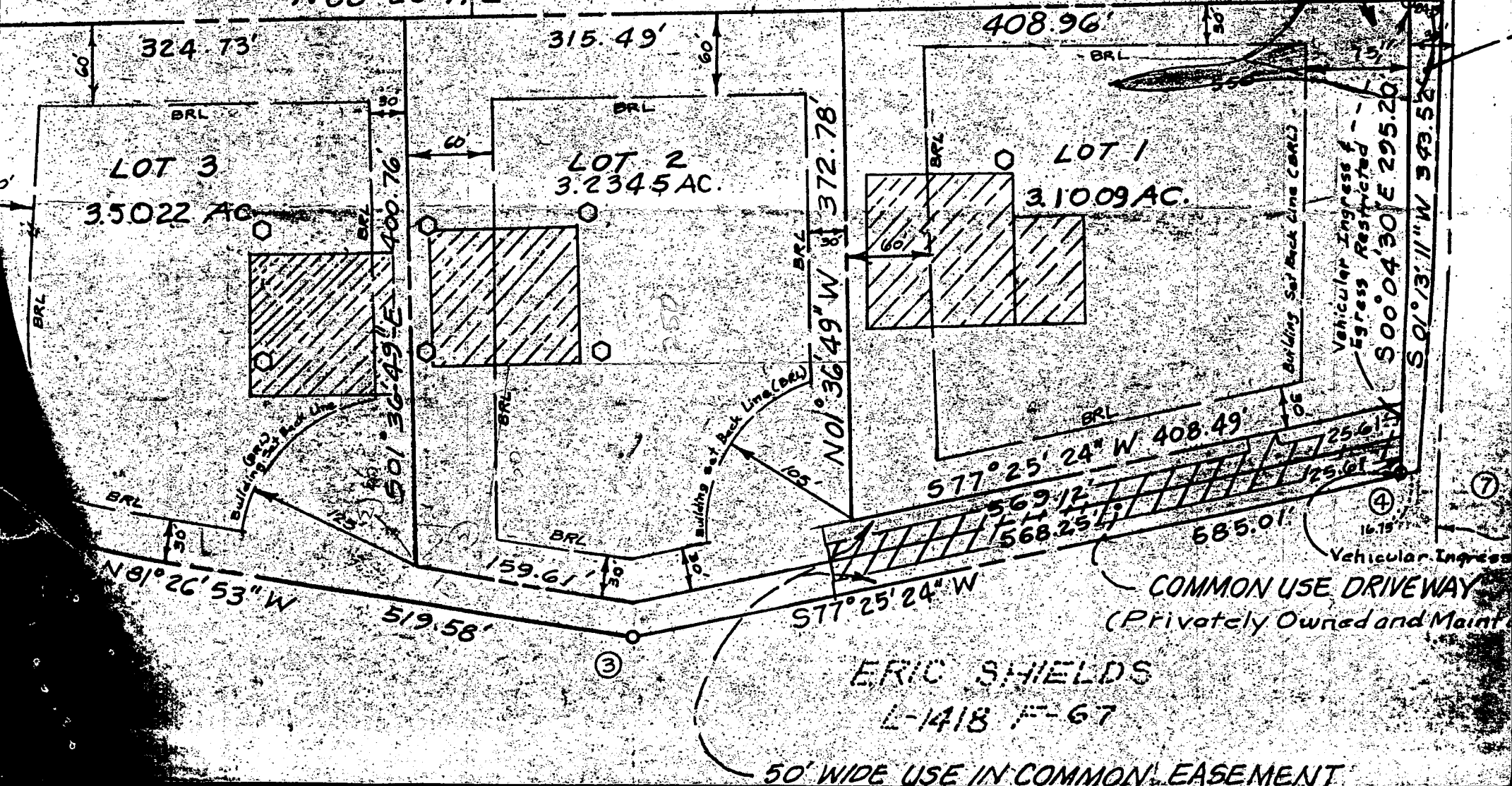
OAKWOOD
PLAT

OVERLOOK
No. 7088

100 YEAR FLOOD PLAIN
(Based on Clyde Branch Study)

N88°23'11"E

1073.31'

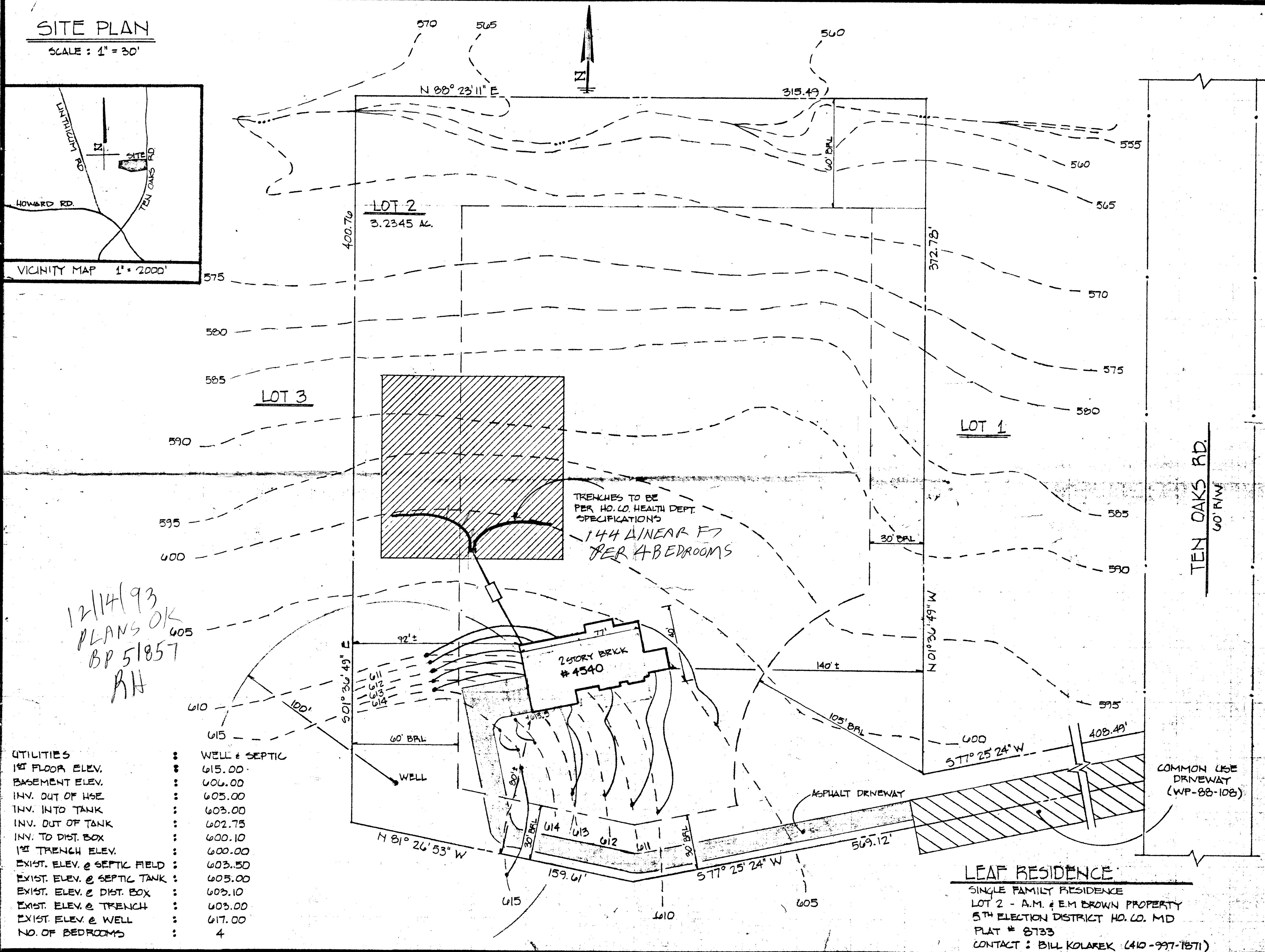
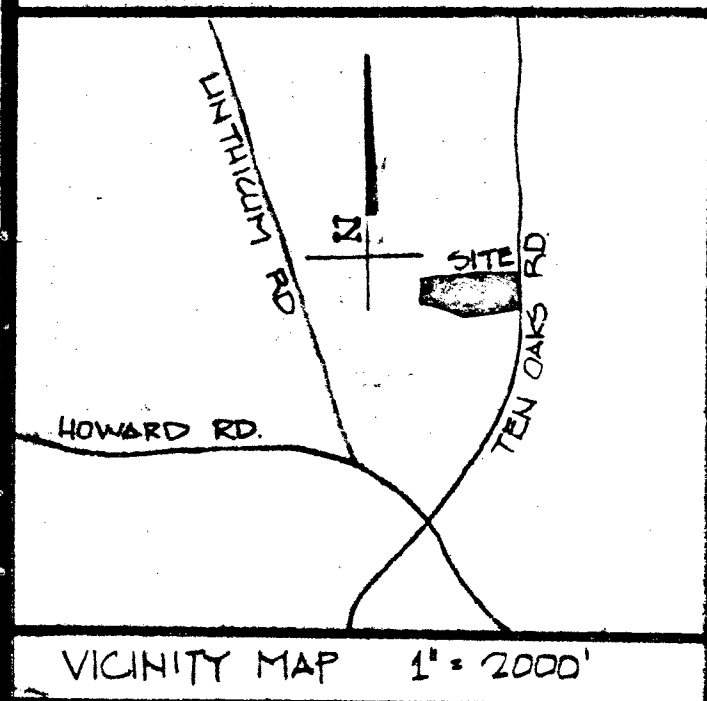


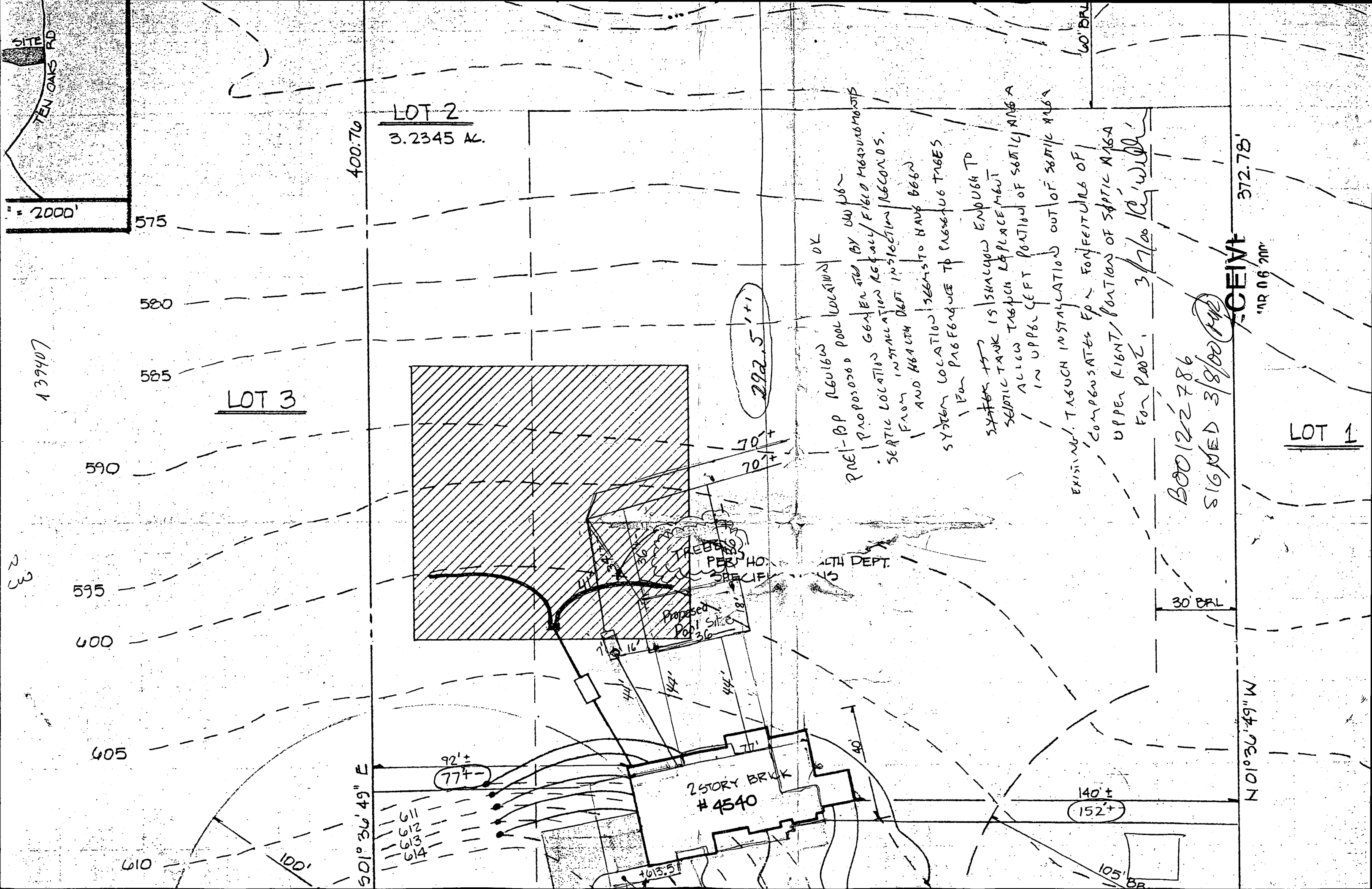
ERIC SHIELDS

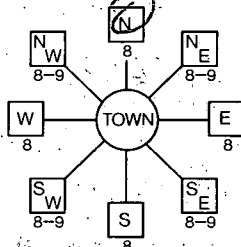
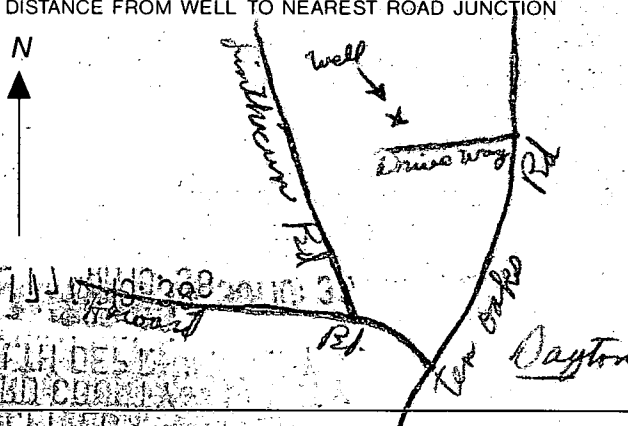
L-1418 F-67

SITE PLAN

SCALE: 1" = 30'





B 1	2652	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER HO-88-1966 fill in this form completely
1 2 3 4 5 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)				
Date Received (APA) 07/17/91			B 3 LOCATION OF WELL	
OWNER INFORMATION 8 13 BROWN M. ALLEN 15 Last Name Owner First Name 34 36 4609 LINTHAICUM RD Street or RFD 55 DAYTON MD 21036 57 Town 70 State 72 Zip 76			1 2 HOWARD 8 COUNTY 21 AMHEM BROWN PROP 23 SUBDIVISION 42 SECTION 44 46 LOT 2 48 50 DAYTON 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 1/2 M I 73 76 77 78	
DRILLER INFORMATION Driller's Name Joseph E. Mayne 238 77 License No. 80 Firm Name Joseph E. Mayne Well Drilling Address 5512 Ridge Rd. Mt. Airy, Md. 21771 Signature Joseph E. Mayne 7/15/91 Date			B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  11 ten oaks Road 30 NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH ☒ N ☐ E WEST ☐ S ☐ SOUTH 34 700 37 DISTANCE FROM ROAD ENTER FT OR MI FT 38 39	
B 2 WELL INFORMATION 1 2 APPROX. PUMPING RATE (GAL. PER MIN.) 5 0 0 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 5 0 0 14 20			NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME Howard COUNTY NO. A39407 STATE SIGNATURE Mark E. Rifkin 3/4/92 DATE ISSUED 43 090491 48 CO SIGNATURE 63 NORTH GRID 515000 EAST GRID 0804000 50 55 57 63	
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)			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 E 8084 N 5125 000 000	
APPROXIMATE DEPTH OF WELL 300 FEET 24 28			9/19/98 60 ft casing 46 ft open hole 11 bags cement 2 ft above ground Location ok DEN	
APPROXIMATE DIAMETER OF WELL 6 INCH 30 37			METHOD OF DRILLING (circle one) BORED (or Augered) <u>JETTED</u> Jetted & <u>DRIVEN</u> 30 <u>AIR-ROTARY</u> AIR-PERCussion ROTARY (Hydraulic Rotary) 37 <u>CABLE</u> 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 39 ☐ 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) 41 531-2658 52			DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER MR 54 GAP 63 FORCE MR WRITE INITIALS IN BOX PERMIT No. HO-88-1966 67 68 70 71 72 73 74 75 76 77 78 79 SPECIAL CONDITIONS 531-2658				

C1 4628 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 A 39407

ST/CO-USE ONLY
DATE Received

DATE WELL COMPLETED

8 13

15 20 091991

Depth of Well
22 305 26
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
HO-88-1966
28 29 30 31 32 33 34 35 36 37

OWNER Brown last name
STREET OR RFD Ten Oaks first name
SUBDIVISION A.M. & E.M. Brown Prop SECTION TOWN Dayton LOT 2

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

SAND 0 56
Gray mica Rock 56 305 ✓

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) yes Y no N
TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 11 NO. OF POUNDS 1034
GALLONS OF WATER 66
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 46 ft.
(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below
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)
ST 60 61 63 64 66 70

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

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

DEPTH (nearest ft.)
H O 59 305
EACH SCREEN 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 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51

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. 230
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

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.O.
70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3
PUMPING TEST
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min. to nearest gal.) 6.5
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface) BEFORE PUMPING 77 WHEN PUMPING 122
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 (CIRCLE) (YES or NO) 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: 29
CAPACITY: 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 - below LAND SURFACE 1 (nearest foot) 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)
Ten Oaks Rd.

COUNTY