

1 pm layout

12/27/00
2:00

12/28/00
At day
12/29/00

Tap ID - 05-414571

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 514677

A 46476

DISTRICT 5th

DATE 11/29/2000

DATE SYSTEM APPROVED 12/29/00

INSPECTOR DCC

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXX~~ 313-2640

INDEXED

South Carroll Backhoe IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 410-875-4197

SUBDIVISION Fox Chase LOT 2 ROAD 13748 Brighton Dam Road

PROPERTY OWNER Lawrence J. Regan & Katherine J. Kazlow John Wetherell

ADDRESS _____

SEPTIC TANK CAPACITY 1500 ~~2000~~ GALLONS

NUMBER OF BEDROOMS 5 6 w/B00126866

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 263 315 w/B00126866

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Starting from the intersection of the rear (277.77') lot line and the left (475.58') lot line, place the distribution box 205 feet down the left lot line and 64 feet off this lot line. Run trenches on contour toward rear of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 12/30/94 DKS

PLANS APPROVED BY Mark Rifkin DATE 9/05/92

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

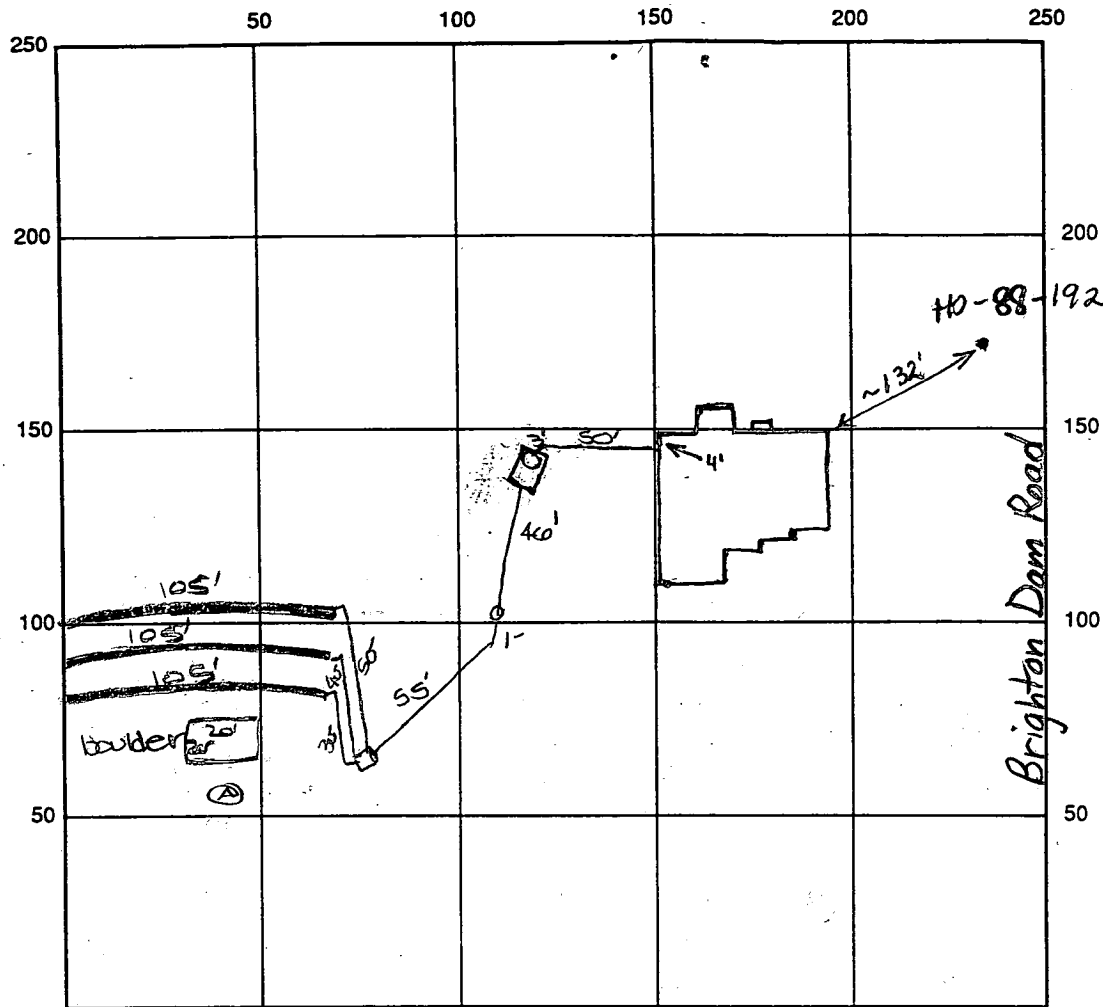
PERMIT VOID AFTER TWO YEARS

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**

A46476



0'	topsoil
1'	org bm 2" Lm
3'	pale org tan 5" Lm
11'	5-10% rock

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 2000 TS CLEANOUTS one in line, manhole on s.t.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 4 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 1 FT. TOTAL LENGTH 3x105 FT. 315

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 945 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 12/22/00 Tank set. To install 3-105' trenches. (B)

12/27/00 A.M. OK to continue work. DCC

12/27/00 P.M. OK to cover from house to dist. box. OK to install trench (1) and cover partially. DCC

12/27/00 LATE Installer called to report rock in SDA. DCC

12/28/00 A.M. Perch hole (A) OK - OK to install trenches in 2nd

DATE SYSTEM APPROVED 12/29/00 INSPECTOR DCC

third of SDA - sufficient septic area remains to install one system downslope and one system upslope. DCC

12/28/00 PM OK to continue. DCC 12/29/00 FINAL APPROVAL GIVEN

APPLICATION

PERCOLATION TESTING

A 46474

P _____

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

DISTRICT 5

DATE 10-10-90

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 Regan & Katherine J. Kazlow
Francis Ellers Estate

ADDRESS _____ PHONE 410-780-3689

PROSPECTIVE BUYER Richard Demmitt

ADDRESS Po Box 208 Charlesville Md 21029 PHONE 531-5539

PROPERTY LOCATION:

SUBDIVISION ~~Blair Property~~ Fox Chase LOT NO. 2

ROAD AND DESCRIPTION 137~~88~~ Bwington Ave Rd & Nickel Ave

TAX MAP 34 PARCEL # 50

SIZE OF LOT 3.01 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. Richard Demmitt
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10/29/90 - PERC OK HOLD FOR PERC CERT PLAT R/H

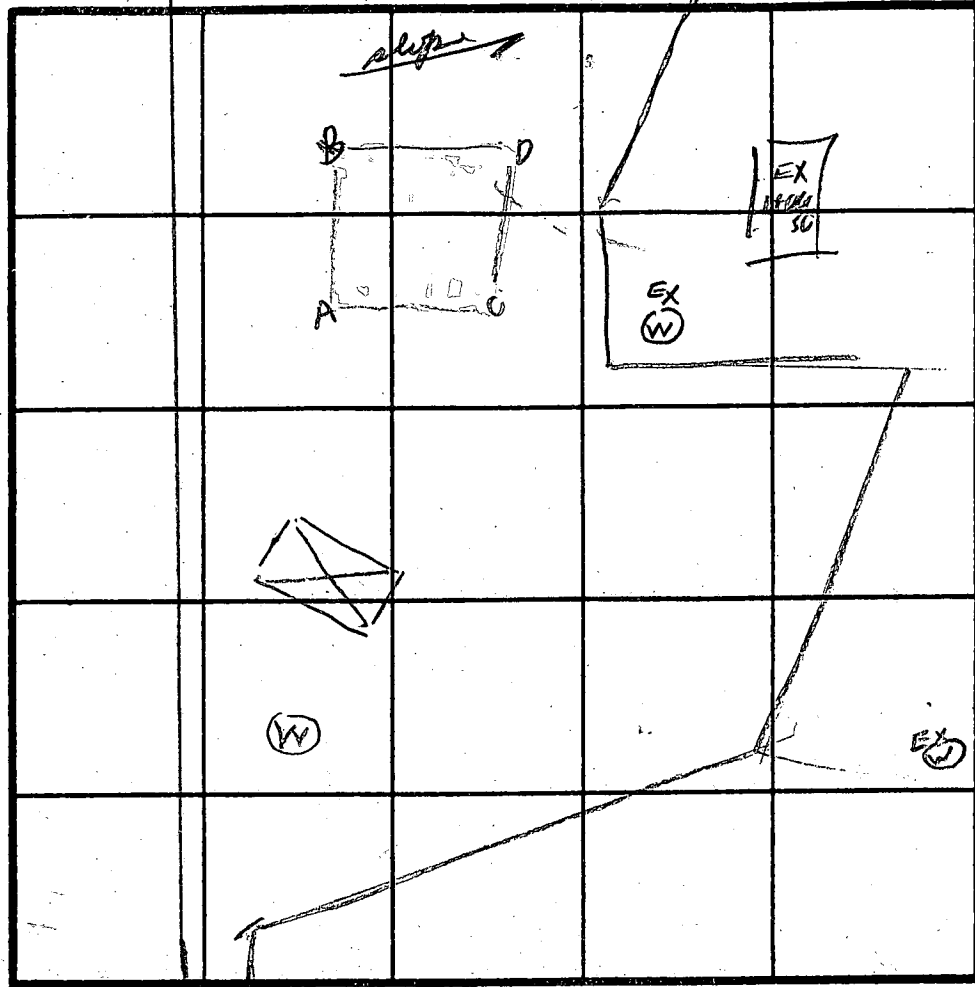
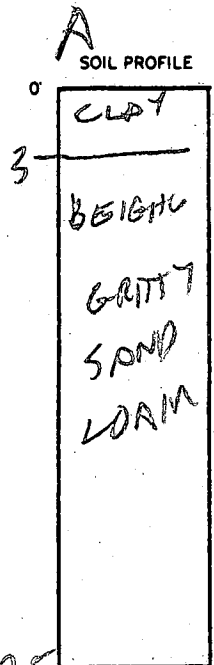
NOTE: PERMIT SIGNED
AND RETURNED 12/20/94

Serial #57534-SFD-4Boms

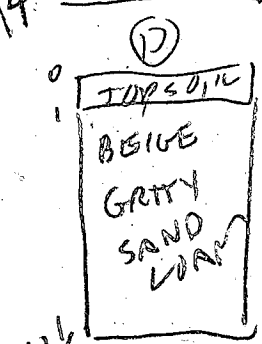
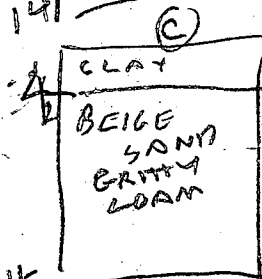
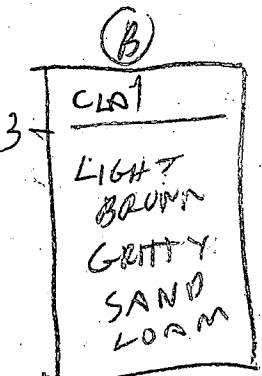
THIS IS NOT A PERMIT

HD-216

Lot 2
A 46 476



EX 100
ES 100
X=8
210 BR
Inlet 4'
Bottom 8'



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/26/90	AD	6.5	1145	1142	1158	1151	3
	AS	3	1146	1159	1159	1213	14
	AV	12.5	OK				
	BS	4	1148	1152	1152	1202	10
	BS	14.5	OK				
	CS	4	1155	1205	1205	1216	17
	CS	6.5	1156	1200	1200	1206	6
10/26/90	CV	14	OK				
	DS	3	1200	1209	1209	1210	1
	DV	13.5	OK				

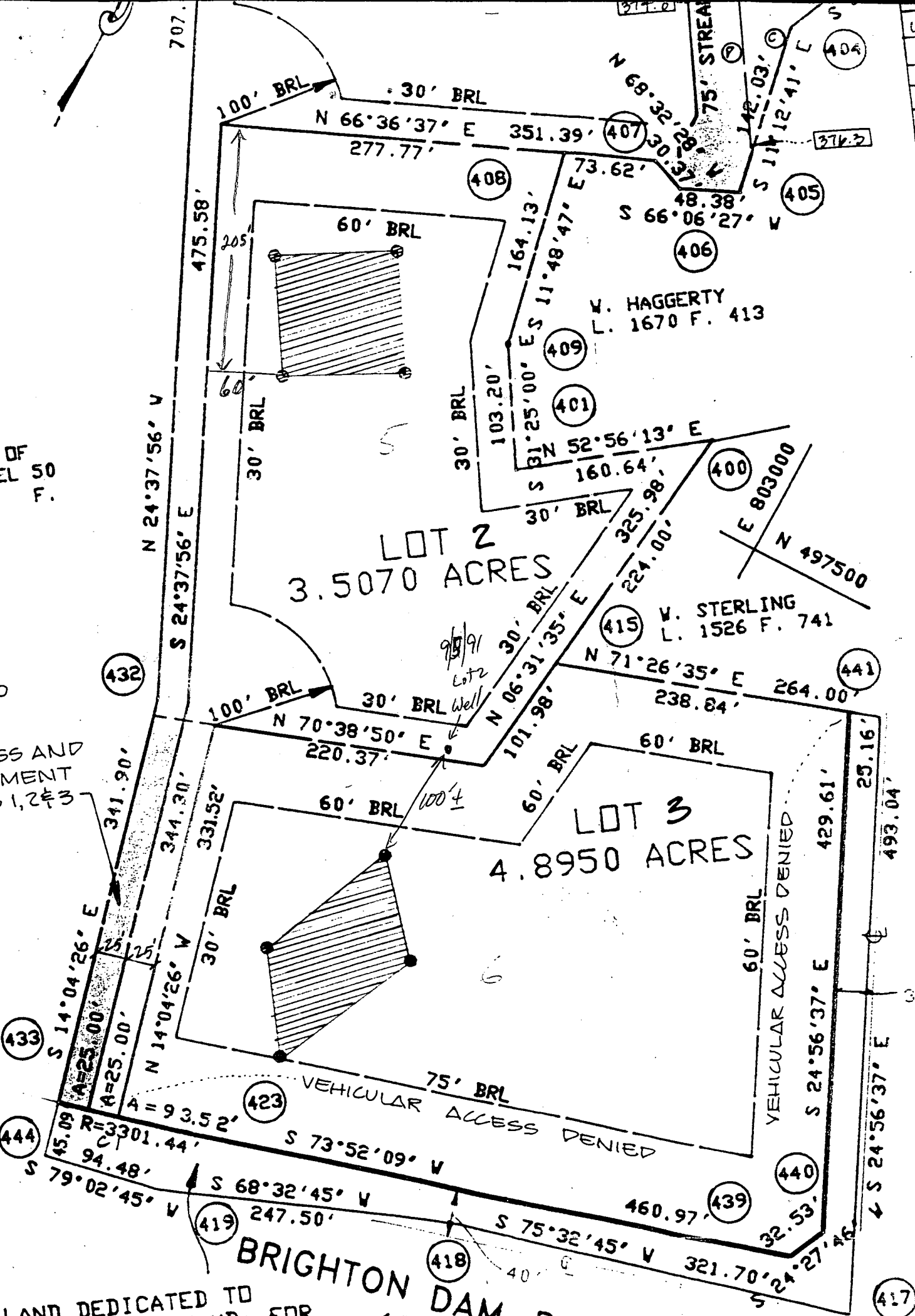
REMARKS Holes ABCD deeper Test Plat # 2

TYPE OF SOIL _____
TESTED BY R. HODGES ALSO PRESENT R. PERMITT

PART OF
PARCEL 50
L. F.

EAT
\$1.110

EGRESS AND
EASEMENT
= LOTS 1, 2 & 3



LOT 2
3.5070 ACRES

LOT 3
4.8950 ACRES

W. HAGGERTY
L. 1670 F. 413

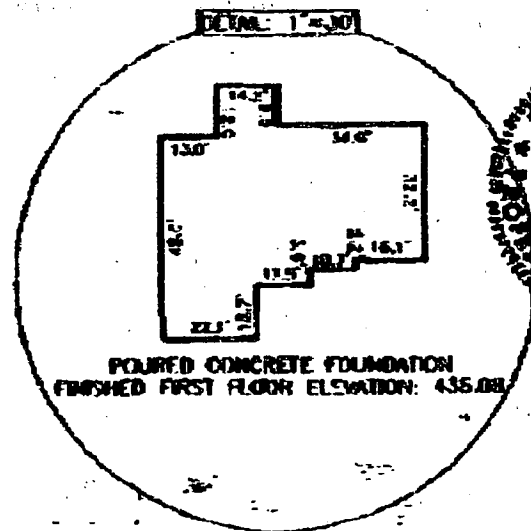
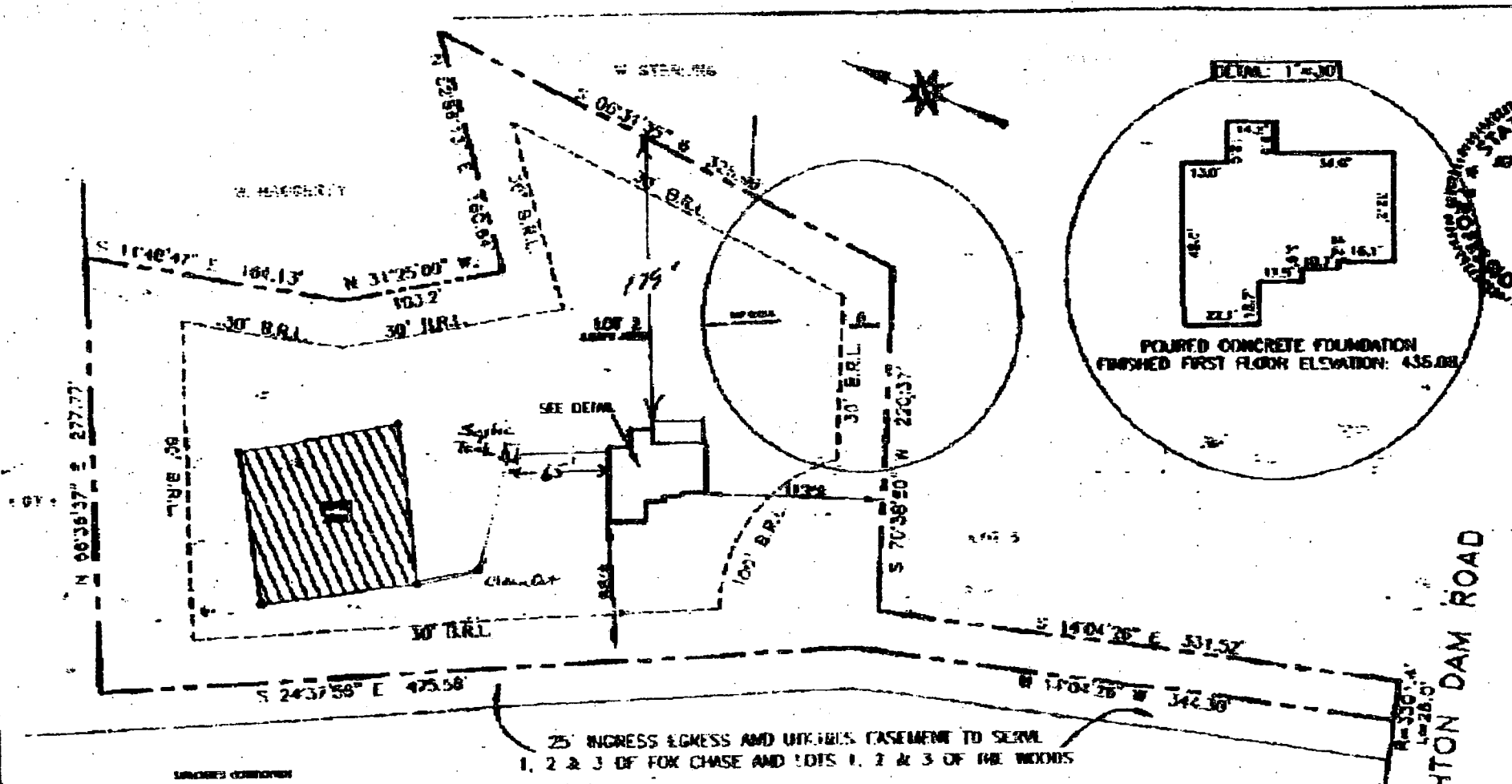
W. STERLING
L. 1526 F. 741

BRIGHTON DAM
LAND DEDICATED TO
COUNTY, MD. FOR

VEHICULAR ACCESS DENIED

VEHICULAR ACCESS DENIED

LAND DEDICATED TO
COUNTY, MD. FOR



25' INGRESS EGRESS AND UTILITIES EASEMENT TO SERVE
 1, 2 & 3 OF FOX CHASE AND LOTS 1, 2 & 3 OF THE WOODS

BRIGHTON DAM ROAD

UNLESS OTHERWISE SPECIFIED
 All lines shown on this plan are based on the original plat and have been re-measured and re-plotted to the best of the surveyor's ability. The surveyor is not responsible for any errors or omissions in this plan. The surveyor is not responsible for any errors or omissions in this plan. The surveyor is not responsible for any errors or omissions in this plan.

John O'Connell 10-1-00
 Licensed Surveyor 0000 John O. O'Connell

O'CONNELL & LAWRENCE, INC.
 SURVEYING, ENGINEERING & LAND PLANNING
 17940 George Avenue, Suite 200, Chevy Chase, Maryland 20815
 Tel: (301) 554-4500 • Fax: (301) 554-5072

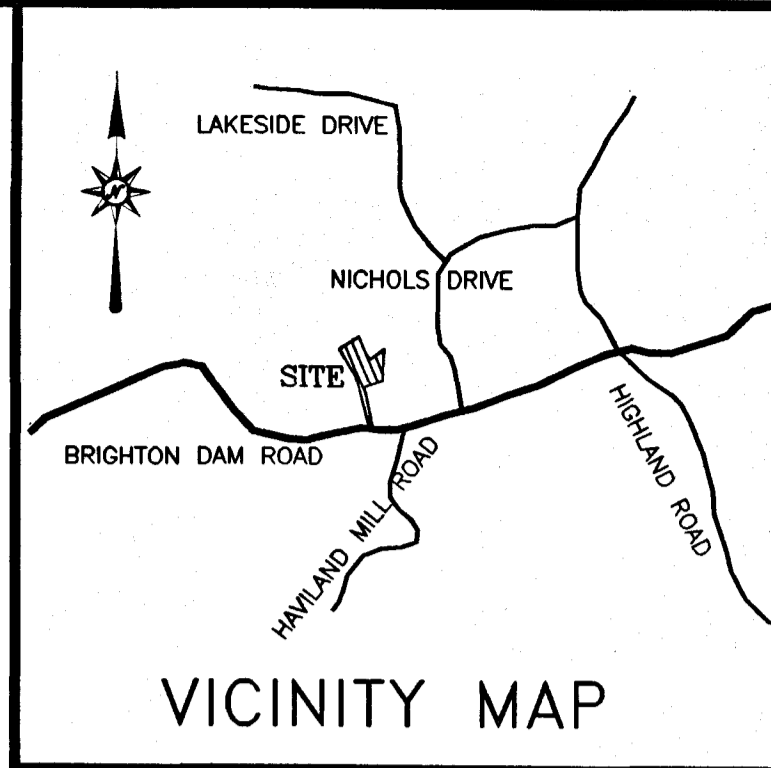
Read the notes on this plan and carefully check the field notes of the survey. The surveyor is not responsible for any errors or omissions in this plan. The surveyor is not responsible for any errors or omissions in this plan. The surveyor is not responsible for any errors or omissions in this plan.

LOCATION DRAWING
 FOX CHASE
 LOT 2
 NORTH CUMMIS, MARYLAND
 PLAT 3379

DATE	10-1-00
SCALE	1"=50'
FIELD NOTES	
FIELD CHECK	10/10/00
FIELD LOG	
FIELD SHEET	

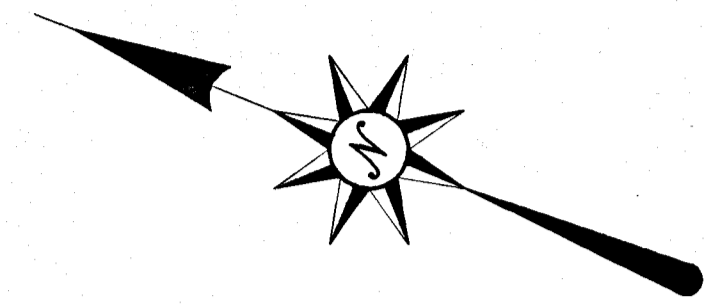
Scale 1"=100

12/1/00
 will check house location
 consistent w/approved
 BP site plan. *(DKC)*



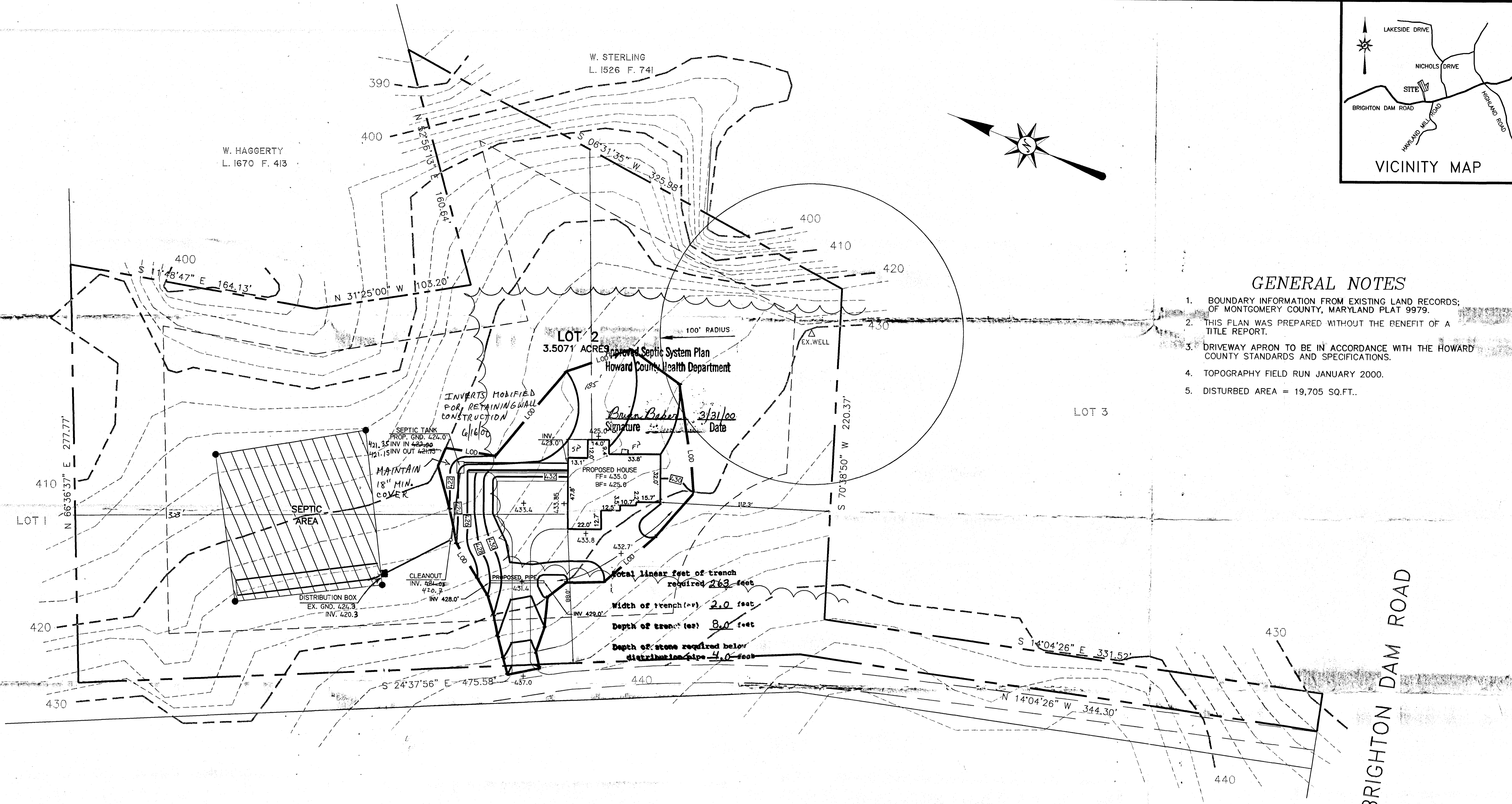
W. HAGGERTY
L. 1670 F. 413

W. STERLING
L. 1526 F. 741



GENERAL NOTES

1. BOUNDARY INFORMATION FROM EXISTING LAND RECORDS; OF MONTGOMERY COUNTY, MARYLAND PLAT 9979.
2. THIS PLAN WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.
3. DRIVEWAY APRON TO BE IN ACCORDANCE WITH THE HOWARD COUNTY STANDARDS AND SPECIFICATIONS.
4. TOPOGRAPHY FIELD RUN JANUARY 2000.
5. DISTURBED AREA = 19,705 SQ.FT..



Total linear feet of trench required **263 feet**
 Width of trench (w) **2.0 feet**
 Depth of trench (d) **8.0 feet**
 Depth of stone required below distribution pipe **4.0 feet**



REVISED 3-07-00 - MOVE SEPTIC TANK PER CLIENTS REQUEST.
 REVISED 3-02-00 - GRADING ALONG REAR AND RIGHT SIDE OF HOUSE.
 REVISED 2-04-00 - REDUCE GRADING ALONG RT. SIDE D/W.
 REVISED 2-10-00 - ADD PIPE UNER D/W REDUCE GRADING LIMITS

SITE DEVELOPMENT PLAN
LOT 2
FOX CHASE
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 ZONE = RURAL TAX MAP: 34 RECORD PLAT 9979

O'CONNELL & LAWRENCE, INC.
 SURVEYORS, ENGINEERS & LAND PLANNERS
 17904 Georgia Avenue, Suite 302, Olney, Maryland 20832
 Tel: (301) 924-4570 • Fax: (301) 924-5872

DESIGNED BY BDA	DRAWN BY BDA	DATE: 2/04/00	SCALE 1"=30'	PROJECT/JOB # 22-362	SHEET NO. 1 OF 1
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B 1 **0065** SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

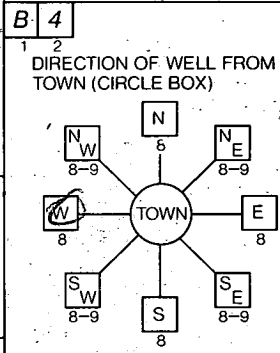
STATE OF MARYLAND
 APPLICATION FOR PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO-88-1921
 fill in this form completely

Date Received (APA) **050891**
 OWNER INFORMATION
 Last Name **Dennitt** Owner **RICHARD** First Name
 Street or RFD **PO Box 208**
 Town **CLARKSVILLE** State **MD** Zip **21029**

B 3 LOCATION OF WELL
 COUNTY **HOWARD**
 SUBDIVISION **FOX CHASE**
 SECTION **2** LOT **2**
 NEAREST TOWN **CLARKSVILLE**
 MILES FROM TOWN (enter 0 if in town) **3 1/2** MI.

B 4 DRILLER INFORMATION
 Driller's Name **Joseph L. Magee** License No. **238**
 Firm Name **Joseph L. Magee Well Drilling**
 Address **5512 Ridge Rd. Mt. Airy, Md. 21771**
 Signature **Joseph L. Magee** Date **5/6/91**



B 4 NEAR WHAT ROAD **Brighton Dam Road**
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH WEST EAST SOUTH
 DISTANCE FROM ROAD **360** FT
 ENTER FT or MI **FT**

B 2 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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 COUNTY NAME **Howard** COUNTY NO. **A 46476**
 STATE SIGNATURE **Mark E. Palkin** DATE ISSUED **12/26/91**
 NORTH GRID **497000** EAST GRID **0802000**

APPROXIMATE DEPTH OF WELL **200** FEET

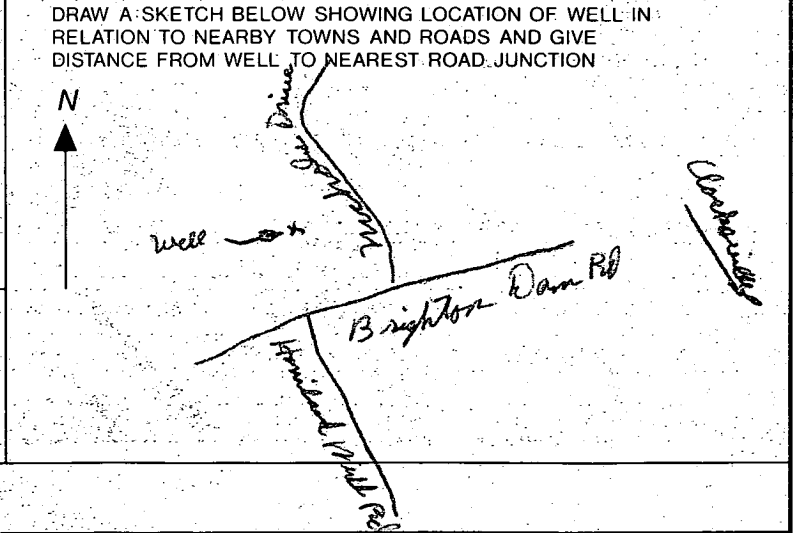
APPROXIMATE DIAMETER OF WELL **6** INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCUSION ROTARY (Hydraulic Rotary)
 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

9/10/91 NO USE
 *

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
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 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)
 APPROP. PERMIT NUMBER **GAP**
 FORCE **MR** PERMIT No. **HO-88-1921**

SPECIAL CONDITIONS
Wc
DK

C1 4588

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

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

COUNTY NUMBER

A 46476

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20 090991

22 26 260 (TO NEAREST FOOT)

28 36 37 HO-88-1921

OWNER: last name Brighton, first name Richard, TOWN Clarksville, SUBDIVISION FOX CHASE, SECTION, 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)

Table with columns: FEET (FROM, TO), Check-if water bearing. Includes handwritten entries: SAND 0-38, GRAY Mica Rock 38-260, Drywell 400' Filled in with cement & DRILLING materials.

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 21 NO. OF POUNDS 1995

GALLONS OF WATER 120

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 35 ft. (enter 0 if from surface)

CASING RECORD

ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING TYPE: ST Nominal diameter top (main) casing (nearest inch): 6 Total depth of main casing (nearest foot): 42

OTHER CASING (if used)

Table with columns: diameter inch, depth (feet) from to

SCREEN RECORD

ST BR HO STEEL BRASS OPEN HOLE PL OT PLASTIC OTHER

DEPTH (nearest ft.)

Table with columns: 1-21, 23-24, 26-30, 32-36, 38-39, 41-45, 47-51

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 8.5

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 34

WHEN PUMPING 60

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

CAPACITY GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER

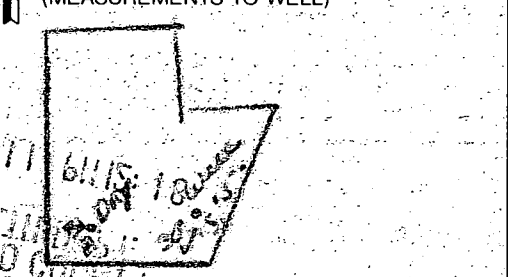
PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

LAND SURFACE (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)



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. 238

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

COUNTY