

Open Trench Twp
1/4/94
1/5/94
1/6/94
For 1/7/94

04-353-811

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49720
A 43391

DISTRICT 4th

DATE 11/2/93

DATE SYSTEM APPROVED 1/10/94

INSPECTOR A.L.M.

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~313-2640~~ 313-2640

INDEXED

Masonry Contractors, Inc.

IS PERMITTED TO INSTALL X ALTER

ADDRESS 4219 Hanover Pike, Manchester, Md 21102 PHONE 239-8330

SUBDIVISION Cabin Branch Farms LOT 13 ROAD 3260 Starting Gate Court

PROPERTY OWNER Martin II, Inc. Chris Kopher & Elizabeth Shaffer

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

3,894
72.6

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 60 feet from right (448.39') lot line and 160 feet from front (776.90') lot line as viewed from Starting Gate Court. Install trenches on contour toward right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK MR 1/22/93

PLANS APPROVED BY Ronlad Pinkley DATE 10/27/92

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.

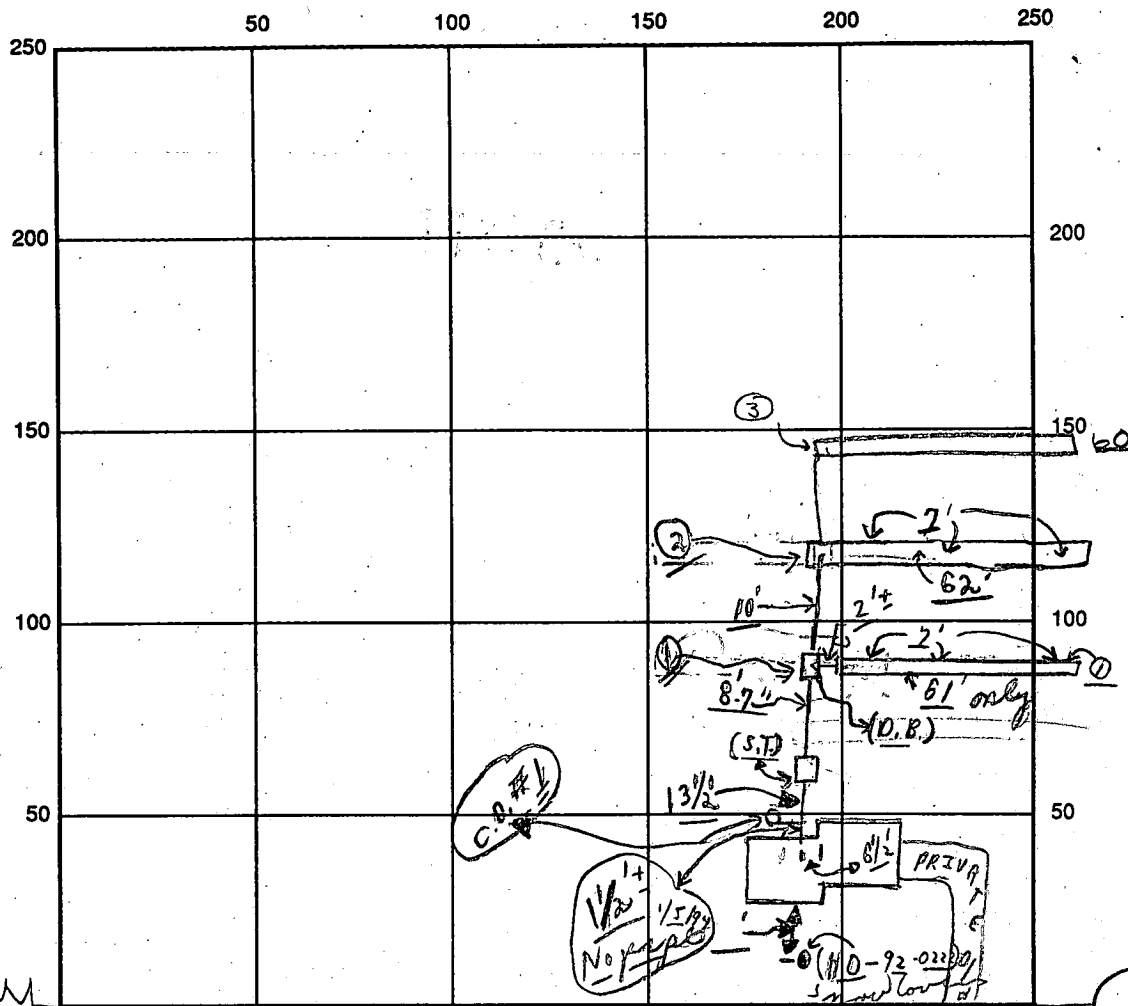
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

Addition - Deck
BLDG. PERMIT SIGNED
AND RETURNED 1-3-96
Serial # 63077

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

A
49891

115



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 1250 gal CLEANOUTS (C.O.#1) S.T.C.O. OK

DISTRIBUTION BOX LEVEL OK (Baffle 10 in) PRE-FAB.

DRAIN FIELD/TITLE DEPTH 7' 0" FT. TRENCH WIDTH 2' FT. INLET DEPTH 3' FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 183 FT. total

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

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 732 SQ. FT.

REMARKS: 1/5/94 OK for stone in 61' of #1 trench; No house connection;
1/5/94 Pastoral also - OK to cover 2' from house to Dist. Box only;
Note: (Need to see S.T.C.O. C.O.#1; 1/5/94 OK for stone in
#2 trench, pasted, & OK to cover #1 trench only; C.O.#1; 1/7/94 Hold for call
1/10/94 House connection made trench #3 OK to cover final sum
1/5/94 No W.P.I. - C.O.#1 1/10/94 WPI OK to cover sum
1/6/94 C.O.#1

DATE SYSTEM APPROVED 1 / 10 / 94 INSPECTOR Amy McMillan

APPLICATION

PERCOLATION TESTING

A 43391

P _____

DISTRICT R

DATE 12/19/88

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

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 ~~Oakton Associates, Inc.~~ Martin H. Inc

ADDRESS 1200 18th Street, NW, Washington, DC 20036 PHONE ²³⁹⁻⁸³³⁰ (202) 457-8637

PROSPECTIVE BUYER Anchor Capital Group

ADDRESS 133 Defense Highway, Suite 206 PHONE (301) 261-8727
Annapolis, MD 21401

PROPERTY LOCATION:

SUBDIVISION Cabin Branch Farm LOT NO. 16.13

ROAD AND DESCRIPTION Rte 94 (Ellicott Road) Approximately 2 miles North East
from Damascus Road (3260 Starting Gate Court)

TAX MAP 13 PARCEL # 42

SIZE OF LOT 3 acres TYPE BLDG. 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. James Hanna
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

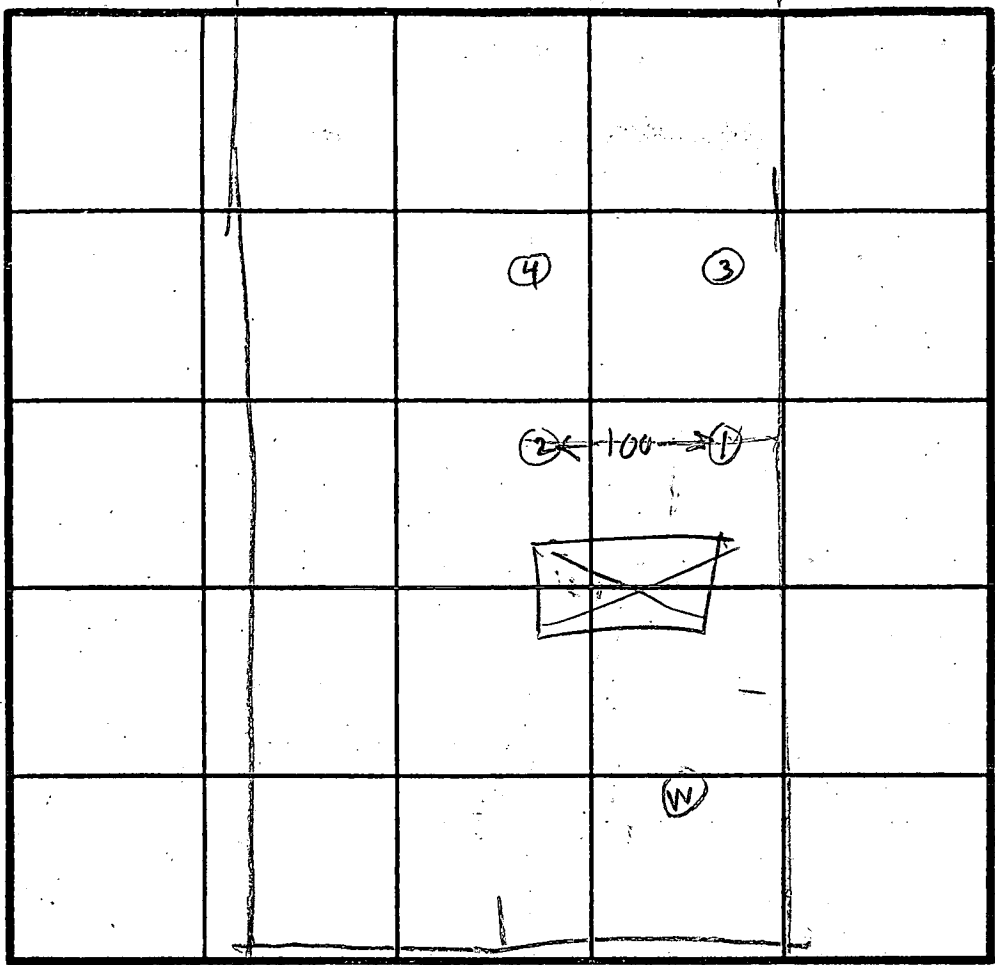
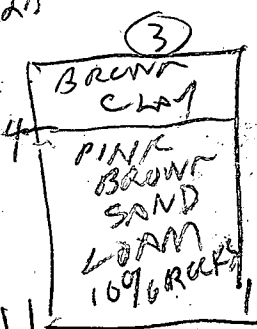
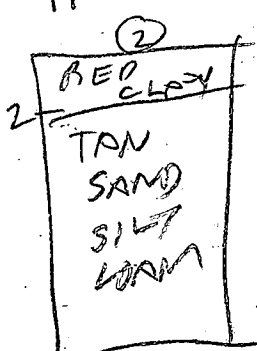
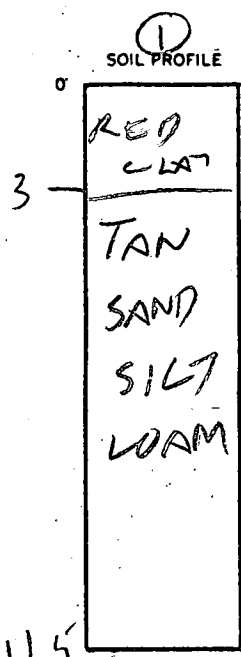
REASONS FOR REJECTION OR HOLDING 4/26/89 - PERC OK HOLD FOR PLAT R/H

BLDG. PERMIT SIGNED
AND RETURNED 11/18/88
Serial # 51309 - SFD
4 Bems

THIS IS NOT A PERMIT

HD-216

Lot 16
A43391



INLET 3'
X 6 MW

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

UN NAMED COURT

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/26/89	1 S	4	153	155	155	157	2
	1 V	11.5	OK				
	2 S	4.5	159	201	201	203	2
	2 V	12.5	OK				
	3 S	4	206	208	208	211	3
	3 D	7.5	206	213	213	222	
	3 V	11	OK			13	
	4 V	11.5	OK				

REMARKS: Holes ① ② ③ ④ Dig Per Test Plat

TYPE OF SOIL _____

TESTED BY B. HONGES ALSO PRESENT James Jeff

LOT-13 CABIN BRANCH

REVISED 11/18/93

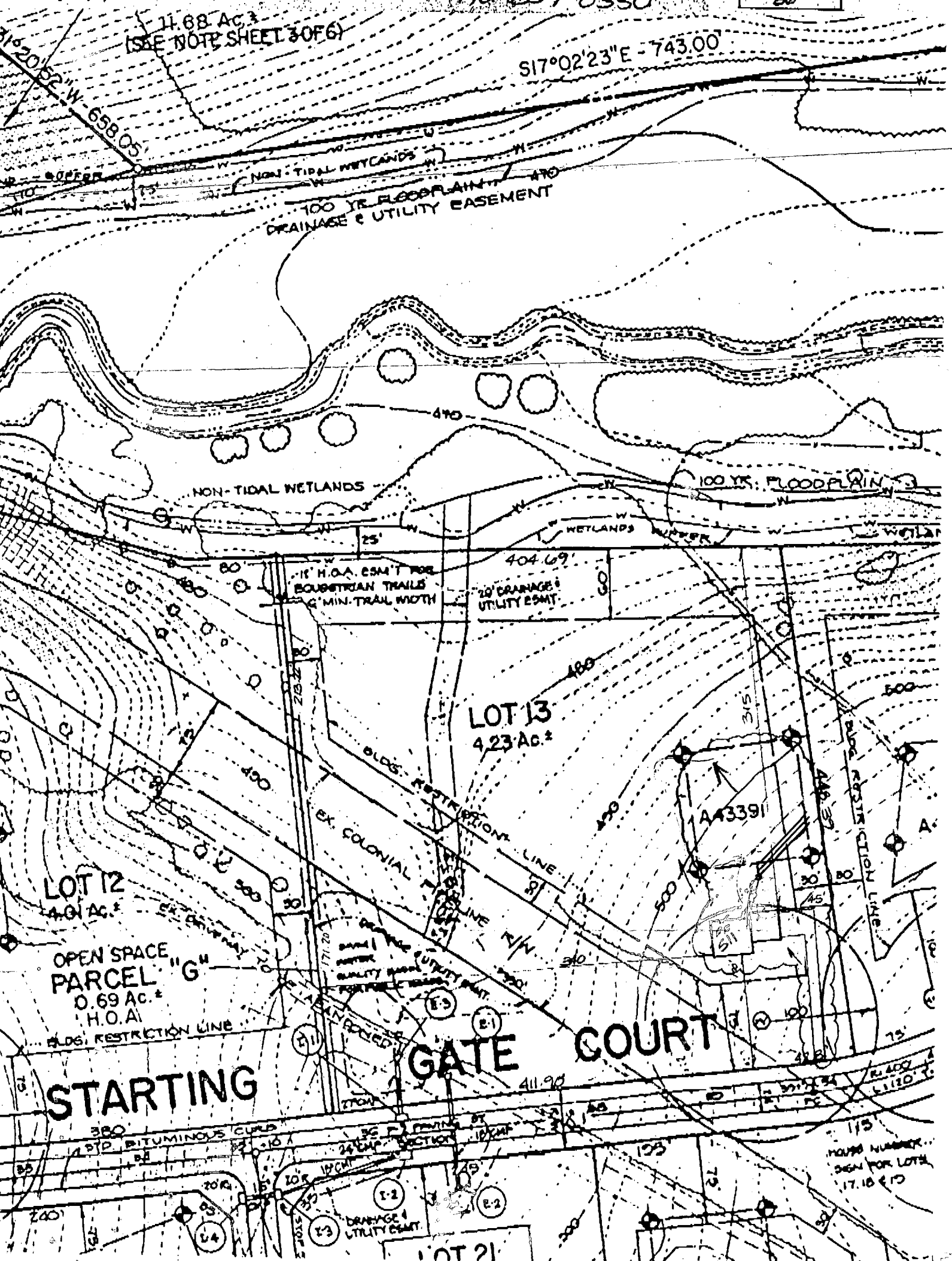
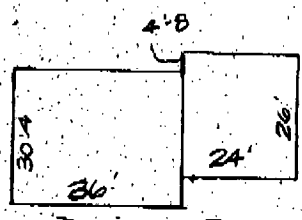
WELL ELEV. - 512.7

- INV. OUT OF HOUSE - 503.93
- INV. INTO TANK - 503.67
- INV. OUT OF TANK - 503.42
- INV. INTO BOX - 503.25
- INV. INTO TRENCH - 503

MAINTAIN 20' BETWEEN HOUSE AND FIELDS. ~~AND~~ THREE TRENCHES, LENGTH TO BE DETERMINED, MIN. 18" FILL COVER ON TANK

EXISTING GRADE @ FF 511 BR 51309 4 BR
 TANK - 507 MR
 BOX - 506 11/18/93 BE 502
 TRENCH - 506
 ELEVATIONS OK

QUESTIONS
 BILL COLEMAN
 410 239 8330



S10°53'21"E

WETLANDS BUFFER

12' PRIVATE H.O.A. ESM'T. FOR EQUESTRIAN TRAILS 6' MIN. TRAIL WIDTH

LOT 14
3.1051 AC.

LOT 13
5.454 AC.

NON-ROAD WETLANDS

COLONIAL

LOT 21
3.0300 AC.

LOT 20
3.8398 AC.

LANDCASTER

COURT

CURVE 10
R=25.00
A=21.03
A=75.00
R=375.00

CURVE 8
A=117.81
R=425.00
A=103.66
A=1335

CURVE 7
CURVE 9

PIPELINE

ADZ

DRAINAGE & UTILITY ESM'T

DRAINAGE & UTILITY EASEMENT

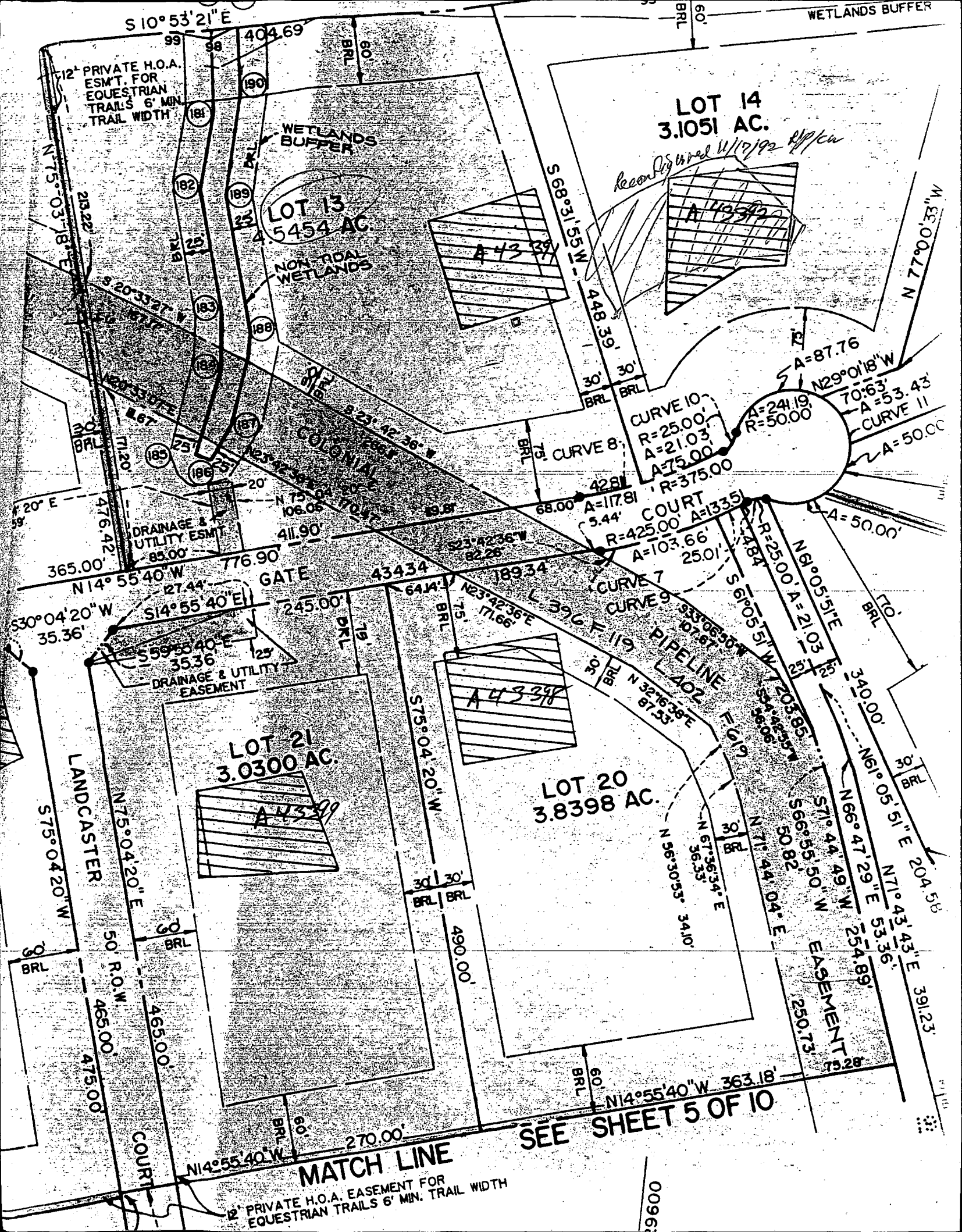
EASEMENT

12' PRIVATE H.O.A. EASEMENT FOR EQUESTRIAN TRAILS 6' MIN. TRAIL WIDTH

MATCH LINE

SEE SHEET 5 OF 10

00966



C 1 9858 SEQUENCE NO. (DENV USE ONLY)
 1 2 3 6
 (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 43391**

ST/CO USE ONLY
 DATE Received [] [] [] [] [] []
 DATE WELL COMPLETED **04 30 93**

Depth of Well
 22 **185** 26
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT-TO DRILL WELL"
40-92-0222
 28 29 30 31 32 33 34 35 36 37

OWNER **FRALL DEVELOPERS**
 last name **Starting** first name **Gale G.** TOWN **LISBON**
 STREET OR RFD
 SUBDIVISION **CABIN BRANCH FARM** SECTION LOT **13**

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
	FROM	TO	
Brown Shale	0	76	
Blue Rock	76	185	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** (Yes) **N** (No)
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **16** NO. OF POUNDS **150**
 GALLONS OF WATER **96**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **50** 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 **ST** Nominal diameter top (main) casing (nearest inch) **4** Total depth of main casing (nearest foot) **80**

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

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

C 2
 DEPTH (nearest ft.)
 1 **H 0 78** **185**
 2
 3
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH)
 from to

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 Q
 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.) **10**
 METHOD USED TO MEASURE PUMPING RATE **BUCKET**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **25**
 WHEN PUMPING **84**
 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**
 (CIRCLE) (YES or 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 **2** (nearest foot)

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. **238**
 DRILLERS SIGNATURE **Frank J. Malone**
 SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

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)
 See Attached Well Location

B 1 **03933**

SEQUENCE NO. (DP USE ONLY)

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

STATE PERMIT NUMBER

HD-92-0222
fill in this form completely

Date Received (APA)

090392

OWNER INFORMATION

FALL DEVELOPERS

POX 659

MT AIRY MD 21771

B 3

LOCATION OF WELL

HOWARD

CUBIN BRANCH FARM

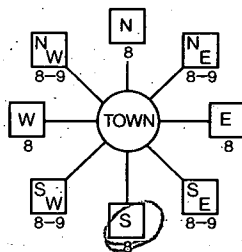
SECTION **44** LOT **13**

LISBON

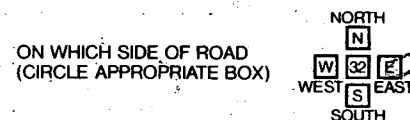
MILES FROM TOWN (enter 0 if in town) **4 MI**

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Starting Gate Court



DISTANCE FROM ROAD **50** ENTER FT or MI **EA**

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

Howard COUNTY NAME **A 43391** COUNTY NO.

STATE SIGNATURE _____ DATE ISSUED _____ INSERT S _____

10 28 92 CO SIGNATURE **Paul W. ...** EXP. DATE **10/28/93**

NORTH GRID **530000** EAST GRID **0767000**

APPROXIMATE DEPTH OF WELL **260** FEET

APPROXIMATE DIAMETER OF WELL **6** INCH

METHOD OF DRILLING (circle one)

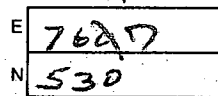
- BORED (or Augered)
- JETTED
- Jetted & DRIVEN
- AIR-ROTARY
- AIR-PERCussion
- ROTARY (Hydraulic Rotary)
- CABLE
- REVerse-ROTary
- DRive-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

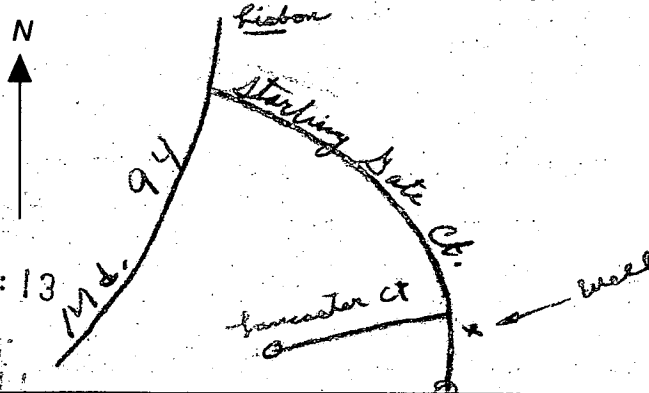
SOURCES OF DRILLING WATER

1. **Well**
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE



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 **GAP 05 CED -3**

FORCE **RA** PERMIT No. **HD-92-0222**

SPECIAL CONDITIONS

COUNTY

2354
1/7/94

1/10/94
WPI OR
to cover
perm

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 Replacement
Name of Installer Plumbing, Htg & Supplies Inc. Receipt # -0-
Date 1/14/93
License Number 5165 Telephone 410-239-8330
Certified Well Pump Installer Well Driller Registered Plumber
Name of Property Owner Masonry Contractors Inc. Telephone 410-239-8330
Subdivision Cabin Branch Search Lot # 1913 Well Tag # 92-02-14
Site Address 3265 Starting Gate Ct Ho 92-0222

Pump
1. Type
a. Deep well jet
b. Shallow well jet
c. Submersible
2. Make Corliss
3. Model # TEHOS42
4. Capacity 7 GPM
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 7
2. Pressure relief valve? yes
Piping
1. Type Plastic
2. Size 1"
3. NSF and/or BOCA Code approved NSF
4. Depth of supply line 40
Well data
1. Depth 120 ft. 185
2. Yield 12 GPM 10
3. Static water level 44 ft. 25
4. Will water supply be disinfected by installer? NO

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: Edgar E. Barry
Date: 12-2-93

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



DRS & ASSOCIATES
LAND DESIGN CONSULTANTS

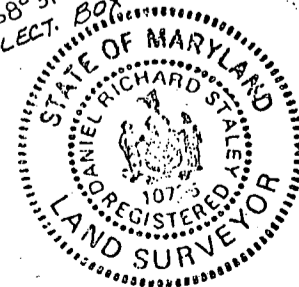
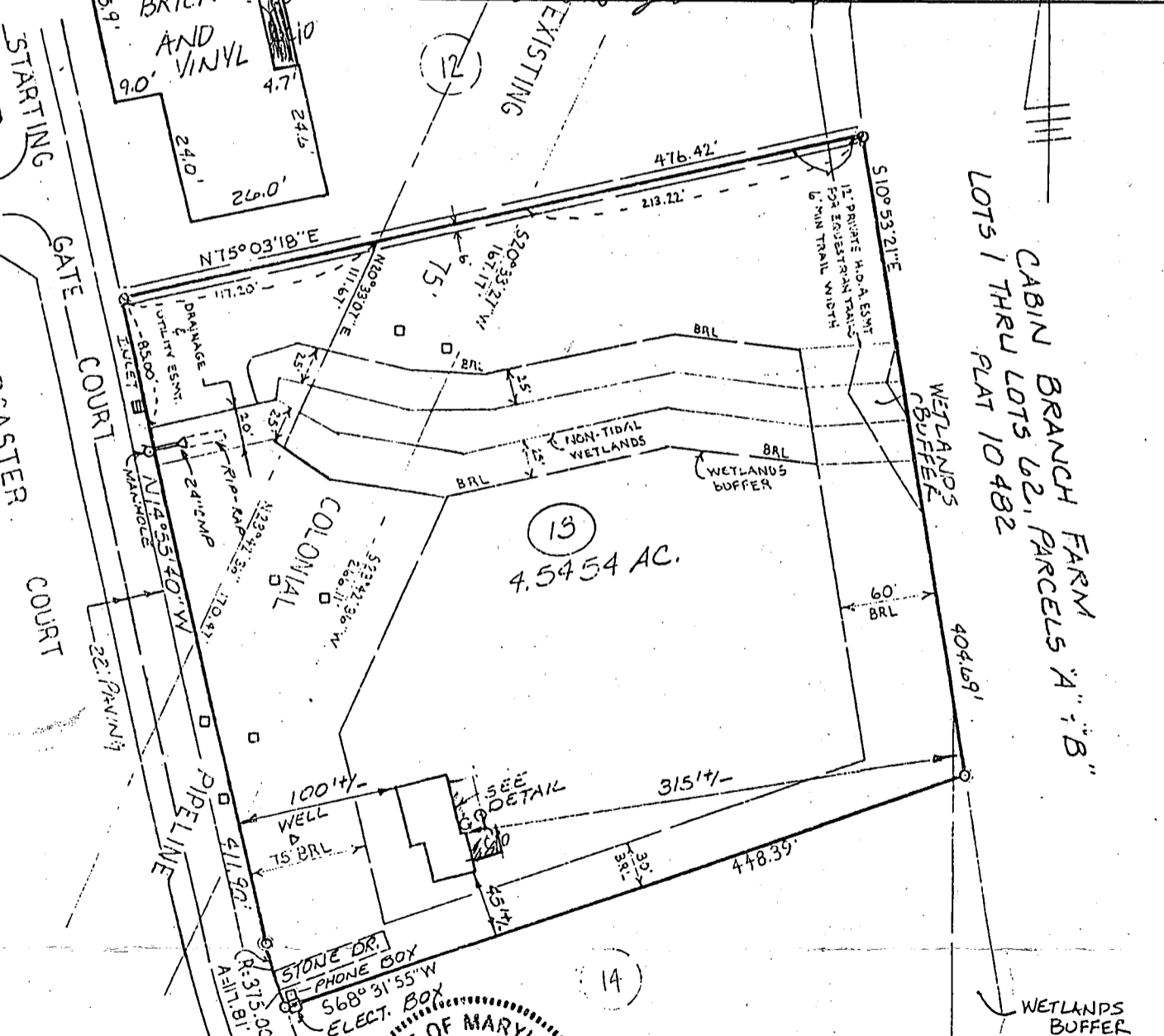
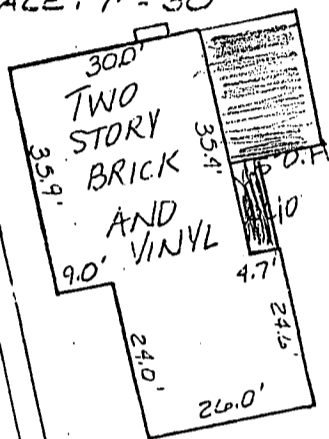
This is to certify that I have surveyed the property shown hereon, known as Lot # 13, Lots 1 thru Lots 62, Parcels "A" & "B", "Cabin Branch Farm", located at 3260 Starting Gate Court, in the 4-th Election District of Howard County, Maryland for the purpose of locating the improvements only, and that the improvements are located as shown hereon, and are not in a flood prone or flood hazardous area.

Westminster, this 9-th day of February, 1994.

HOUSE DETAIL:
SCALE: 1" = 30'

CABIN BRANCH FARM
LOTS 1 THRU LOTS 62, PARCELS "A" & "B"
PLAT 10477

1-3-96 DECK ADDITION NO IMPACT TO WELL OR SEPTIC
OK. *Handwritten signature* SANITARIAN



Daniel R. Staley
DANIEL R. STALEY

□ - DENOTES GAS RISER

LS #10735 SCALE: 1" = 100'