

C 1 07612

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. COUNTY NUMBER A513199S

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY 2 9 00

Depth of Well 22 250 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2565

OWNER Brantwood LLC last name Argent Path first name TOWN ELICOTT CITY MD SUBDIVISION Brantwood SECTION 2/2 LOT 16

WELL LOG Not required for driven wells. STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING. TABLE with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes handwritten entries: BROWN SHALE 0 31, BLUE SLATE 31 250.

GROUTING RECORD. WELL HAS BEEN GROUTED (Y). TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC). NO. OF BAGS 12, NO. OF POUNDS 1128. GALLONS OF WATER 12. DEPTH OF GROUT SEAL 0 to 39 ft.

CASING RECORD. casing types insert appropriate code below: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER). MAIN CASING TYPE: ST. Nominal diameter top (main) casing: 6. Total depth of main casing: 40.

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

SCREEN RECORD. screen type or open hole insert appropriate code below: ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER). DEPTH (nearest ft.): HO 39, 250.

NUMBER OF UNSUCCESSFUL WELLS: 0. WELL HYDROFRACTURED: Y (YES), N (NO).

CIRCLE APPROPRIATE LETTER: A (WELL ABANDONED AND SEALED), 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...

DRILLERS LIC. NO. 1 MW D 139 Robert Cline DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 MW D 536 Robert Cline

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

DEPTH (nearest ft.) table with columns 1-26. Includes handwritten entries: HO 39, 250.

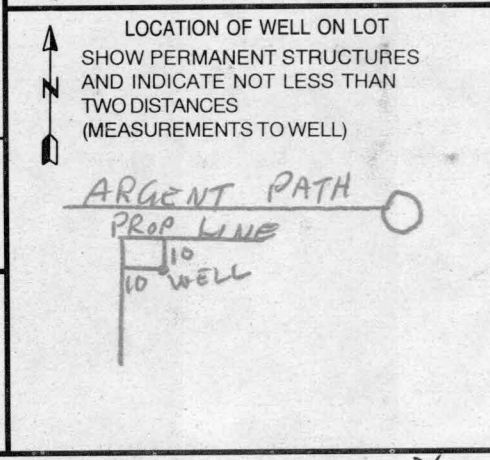
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST. HOURS PUMPED (nearest hour) 3. PUMPING RATE (gal. per min.) 10. METHOD USED TO MEASURE PUMPING RATE: TIME. WATER LEVEL (distance from land surface) BEFORE PUMPING 35 ft., WHEN PUMPING 99 ft. TYPE OF PUMP USED (for test): S (submersible).

PUMP INSTALLED. DRILLER INSTALLED 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) 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).



B 1 08159

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-2565 fill in this form completely

Date Received (APA) 12 29 99

OWNER INFORMATION

Brantwood, L.L.C. 8835 - P Columbia 100 Parkway Columbia, MD 21045

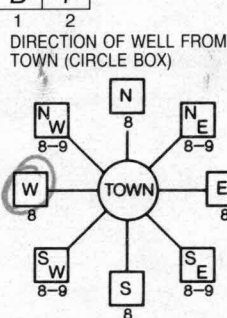
LOCATION OF WELL

Howard COUNTY Brantwood SUBDIVISION SECTION 2 LOT 16 Area 2 Pine Orchard NEAREST TOWN 2 MILES FROM TOWN

DRILLER INFORMATION

Robert L. Cline MW D 139 Driller's Name Cline & Duvall, Inc. Firm Name 8093 Hillmark Ct. Frederick, MD 21704 Address Robert L. Cline Signature 12/27/99 Date

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Argent Path NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST EAST SOUTH 34 35 37 DISTANCE FROM ROAD ft. ENTER FT OR MI TAX MAP: 23 BLK: PARCEL

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 300

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, DEWATERING PUBLIC WATER SUPPLY WELL TEST, OBSERVATION, MONITORING GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard CO A5131995 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 01/20/00 Anthony M. Mall 1/20/01 CO SIGNATURE EXP. DATE NORTH GRID 520 000 EAST GRID 820 000

APPROXIMATE DEPTH OF WELL 250 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

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 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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS THIS WELL WILL DEEPEMED AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER HO 98 GAP 61003 (050) PERMIT No. HO-94-2565

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- well

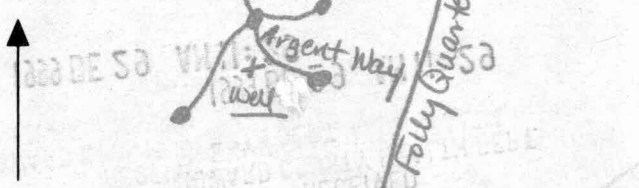
WRITE THE BOX NUMBER FROM THE MAP HERE

E 820

N 520

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

N



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

B 1 10705

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

please type

fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

Brantwood, L.L.C.

15 Last Name Owner First Name 34

8835 - P Columbia 100 Parkway

36 Street or RFD 55

Columbia, MD 21045

57 Town 70 State 72 Zip 76

DRILLER INFORMATION

Robert L. Cline

M W D 139

Driller's Name 76 License No. 81

Cline & Duvall, Inc.,

Firm Name

8093 Hillmark Ct., Frederick, MD 21704

Address

Signature: Robert L. Cline Date: 8/11/99

B 3

LOCATION OF WELL

Howard

8 COUNTY 21

Brantwood

23 SUBDIVISION 42

SECTION 2 LOT 16 Area 2

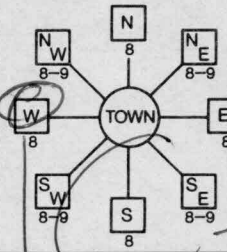
Pine Orchard

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 2 M I 73 76 77 78

B 4

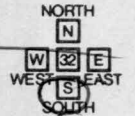
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Argent Path

11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD ENTER FT OR MI 34 40 37 38 39

TAX MAP: 16 & 23 BLK: P/O 214

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 300

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled)
FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
INDUSTRIAL, COMMERCIAL, DEWATERING
PUBLIC WATER SUPPLY WELL
TEST, OBSERVATION, MONITORING
GEO-THERMAL

APPROXIMATE DEPTH OF WELL 250 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

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL (circled)
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 DEEPEMED AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER 54 G A P 63

PERMIT No. 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

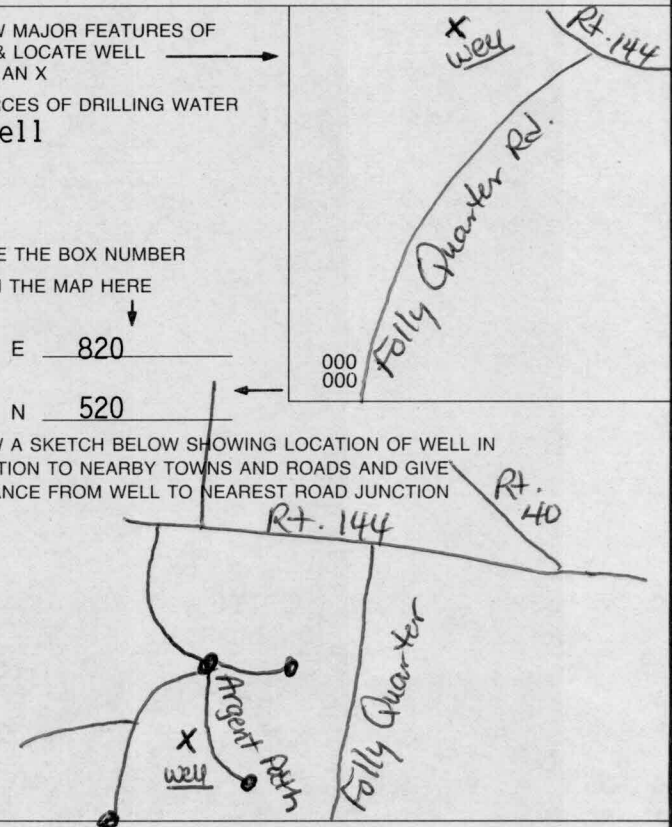
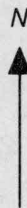
SOURCES OF DRILLING WATER

- 1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 820 N 520

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION







**HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2648**

**Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping**

**NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.**

Company Name: Van Sant Plumbing Telephone #: 301-829-0444  
Address: 301 Main St  
114 Liberty MD 21771

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:  
Name (Print): Hanford Van Sant License# 1467

\*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: NY Homes Telephone #: 301-858-0522  
Subdivision: Branthwood Lot # 20116 Well Tag #: HO-04-2565  
Site Address: 3108 Agent Deth  
Colliott City, MD 21043

**Submersible Pump Data**  
Make: Goulds  
Model #: 1530522  
Pump Capacity: 10 GPM  
Well Yield:          GPM

**Pitless Adapter**  
Make: Cam Pbell  
Model #: 1504  
Depth: 42 (36" min)  
NSF approved: yes (feet)

**Well Cap and Electric Conduit**  
Two piece watertight cap:   
Screened, vented well cap:   
Cap secured to casing:   
Conduit min 18" B.G.:   
Conduit secured to well cap:

Depth of well encountered at time of pump installation:          (feet)  
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4  
Torque arrestors or Cable guards are required - Must circle one  
Safety rope, if used, attached to inside of well casing with eye bolt No

**Piping to house**  
Type: 200 PSI  
PSI:          (160 psi min)  
Depth of supply line: 42 (36" min)

**House Connection**  
FVC sleeved to undisturbed soil at wall penetration: yes  
Approximate length of sleeve: 12ft  
Sleeve caulked and sealed properly: yes

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: Hanford Van Sant date: 5.4.01

**For Health Department Use Only - Not to be completed by Installer**

Date Insp. Requested: 4/27/01 Date Insp. Approved: 4/27/01 (BB)  
Inspection Data: Pitless adapter and water supply line at least 36" below grade   
Two piece cap installed and attached to casing securely   
Elec. conduit extends at least 18" below grade/attached to cap properly   
Safety rope installed inside of well casing   
Correct well tag attached properly and casing 8" above finished grade   
Water supply line sleeved adequately at house connection   
Adequate grout observed below pitless adapter

(F98)

N. 73° 41' 51"

95+0

21+00

Limit of Submission

L = 77.47'

99.9'

PT 21+60.94

L = 205.78'

L = 62.64'

WELL

WELL

24

197.05'

S. 78° 04' 20" W

Septic Area

16

S. 12° 45' 26" E

254.39'

N. 23° 5'

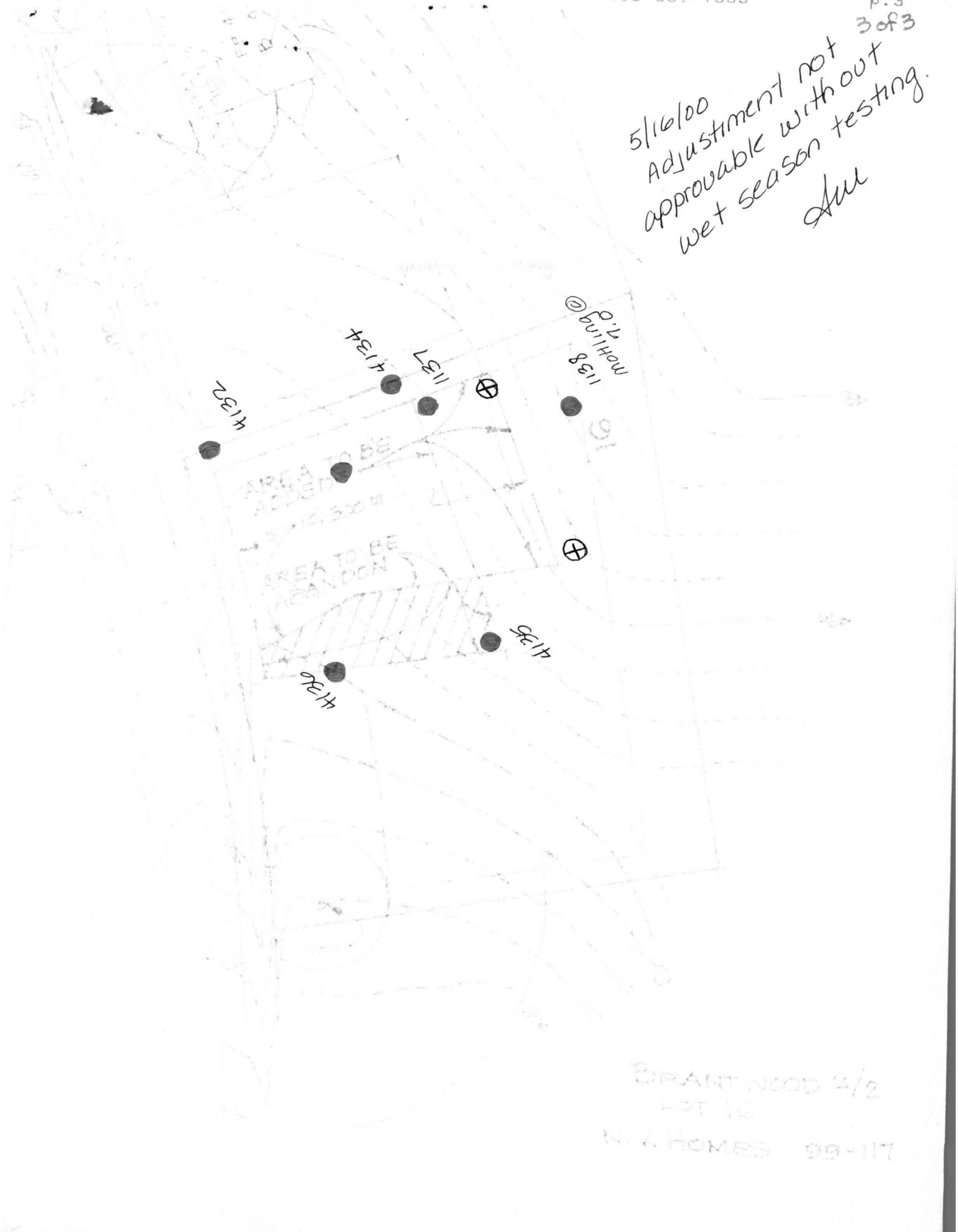
11/18/00 Well site started by LDE

by LDE

BRANTWOOD  
Section Two - Area One  
Preservation Parcel "E"

Owners: Brantwood Community Association, Inc.  
Easement Holders: Brantwood Community Association, Inc.  
Howard County MD.

5/16/00  
Adjustment not  
approvable without  
wet season testing.  
AM



BRANT WOOD 2/2  
LOT 16

N.W. HOMES 99-117