

Tax ID - 05-414016

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48722

A 37790

DISTRICT 5th

DATE 12/4/92

DATE SYSTEM APPROVED 2/9/93

INSPECTOR RJ

# INDEXED

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
~~461-9933~~ 313-2640

Van Sant Plumbing & Heating \_\_\_\_\_ IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS 3 North Main Street, Mt. Airy, Maryland 21771 PHONE 795-6566  
12050 BROAD MEADOW LN

SUBDIVISION Clearview Estates, Sec. 2 LOT 34 ROAD 12050 Dusk View Court

PROPERTY OWNER \_\_\_\_\_  
WM MILLER SAU BUN YEUNG  
N V Homes, Maryland West

ADDRESS \_\_\_\_\_

### BUILDING PERMIT SIGNED AND RETURNED

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

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 85 feet from right lot line and 180 feet from rear lot line as viewed from Broad Meadow Lane. Install trenches on contour, initial trenches to right side of lot, future trenches 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. *OK 11/19/92 RJ*

*Start dist. box at southwest corner of staked SDA (98' from left and 121' from right corners of existing house as viewed from rear property stake). Install trenches on contour (i.e. approx. parallel to southwest SDA line) toward Dusk View Ct. RJ 2/8/93*

PLANS APPROVED BY Ronald J. Pinkley/Mark Rifkin REVISED \_\_\_\_\_ DATE 9/21/92

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

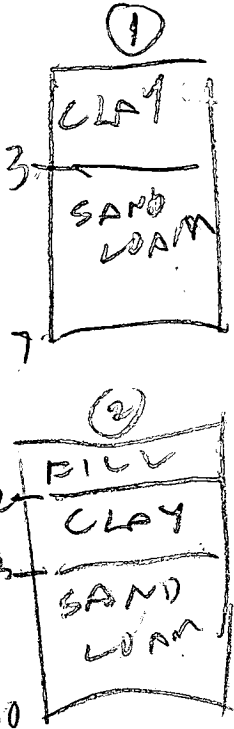
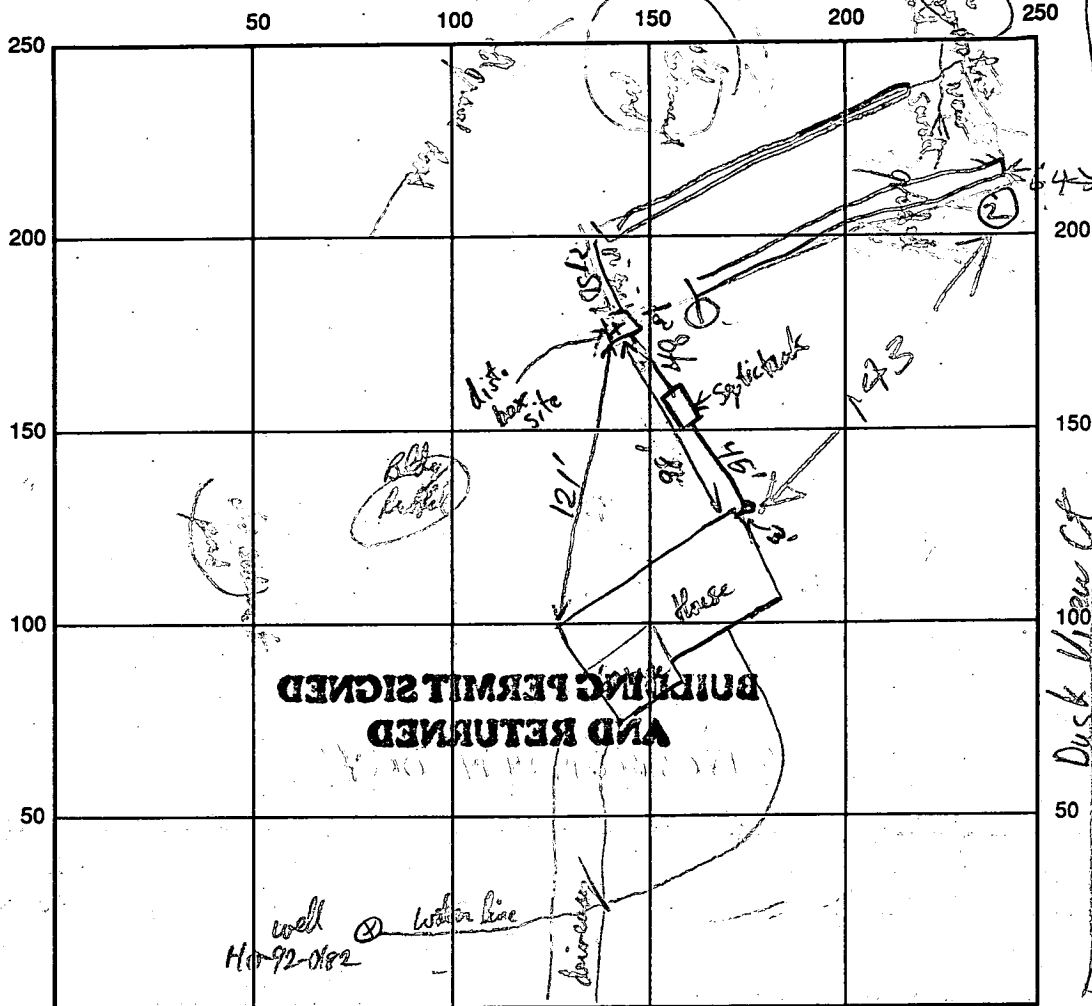
PERMIT VOID AFTER TWO YEARS

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**

A 37790



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Broad Meadow Lane

SEPTIC TANK LEVEL 1250 gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 7-10 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 4 1/2 FT. TOTAL LENGTH 75/92 FT. TOTAL 192

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 768 SQ. FT.

DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: 2/3/93 Problem with grading & location of old encasement. Had to stake off original SDA.

5 ft of clay before sandy loam in S.T. hole. 2/18/93 Visual stake SDA, some of lower area is too close to sediment pond but there is enough for initial & several repairs if use west corner of SDA for dist. box location. Approval tank & d.b. sites pending observation & effective soil depth in first open trench. 2/9/93 HOUSE SHIFTED, SOIL IN TRENCHES LOOKS OK

SUPERVISOR LOCATED PERC HOLES. FINISH DIGGING TRENCHES AND STOPS

PM 2/9/93 TRENCHES OK RH

DATE SYSTEM APPROVED 2/9/93 INSPECTOR Raymond Hodges



LOT 33

\* NO SEWER TO BSMT

BELLE HAVEN  
B=428.67  
FF=437.61

*House*

LOT 34

BELLE HAVEN  
B=443.57  
FF=452.26

DISK VIEW COURT  
4 BED ROOMS  
180 LINEAR FT  
FOR CONTINUAT  
SEE SHEET 7 OF

10/26/92  
REVISED  
PLANS OF  
DBP 45609  
B. HODGES  
SCALE: 1" = 50'

BROAD MEADOW LANE



LOT 33

\* NO SEWER TO BSMT

222  
BELLIE HAVEN  
BSPITE=428.57  
FF=437.61  
CSPITE=432.0  
35.0

LOT 34

BELLIE HAVEN  
WB=443.57  
FF=452.26  
512.4  
370.3

DUSK VIEW COURT

FOR CONTINUAT  
SEE SHEET 7 OF

SCALE: 1"=50'

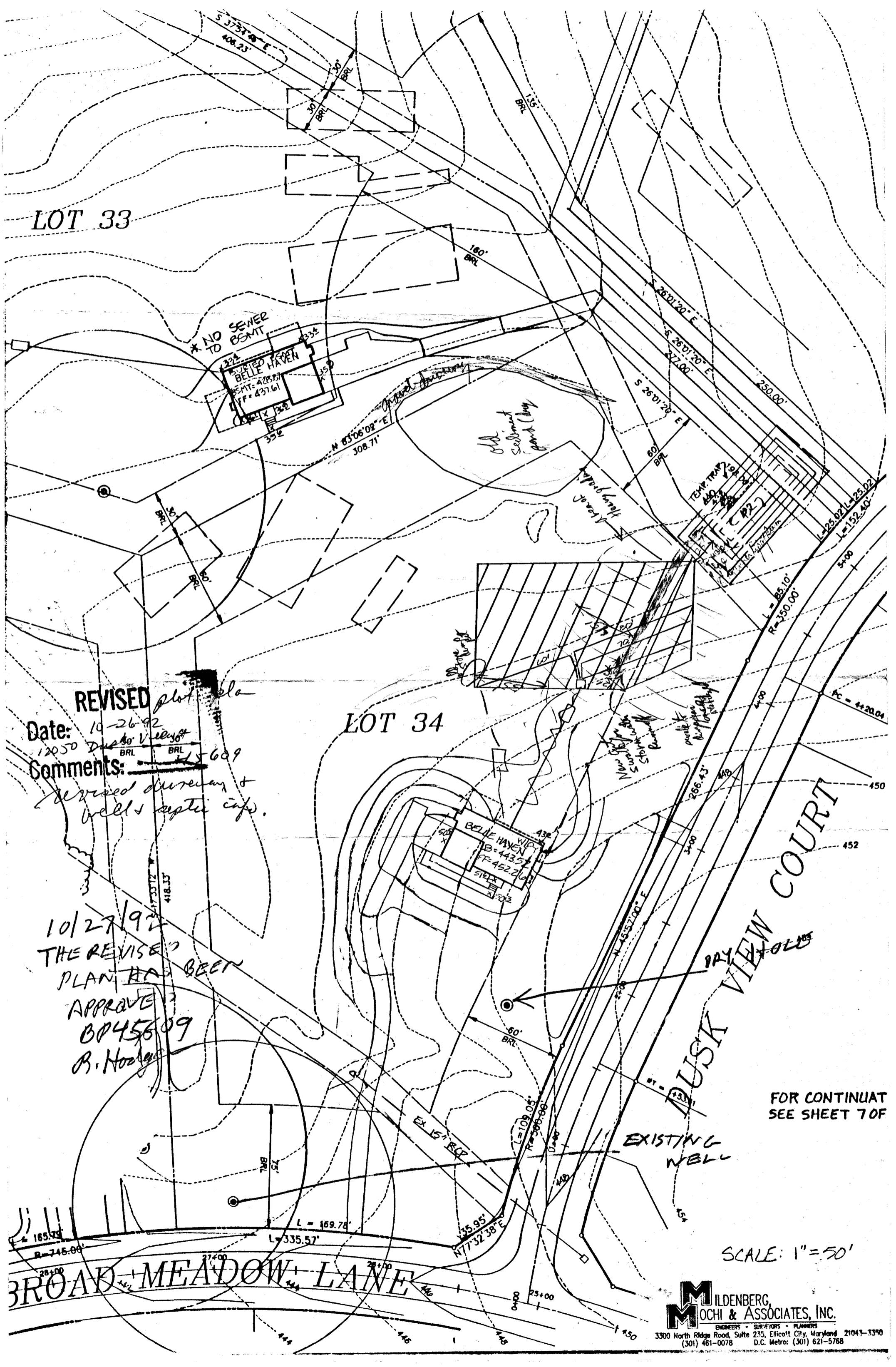
BROAD MEADOW LANE

MILDENBERG  
MOCHI & ASSOCIATES, INC.

ENGINEERS • SURVEYORS • PLANNERS  
3300 North Ridge Road, Suite 235, Ellicott City, Maryland 21043-3390  
(301) 461-0078 D.C. Metro: (301) 621-5768

REVISD plot pla  
Date: 10-26-92  
12050 Dusk View Ct  
Comments: LS-609  
revised driveway &  
wells & septic info.

10/27/92  
THE REVISED  
PLAN HAS BEEN  
APPROVED  
BP45609  
R. Hodges



# APPLICATION

SEWAGE DISPOSAL TESTING

A 37790

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT \_\_\_\_\_

DATE 10/09/86  
June 30, 1986

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: Conrad J. and Patricia Langenfelder

Martha V. Langenfelder

11904 Clarksville Road

5511 Hamilton Avenue

ADDRESS Clarksville, Maryland 21029

PHONE Baltimore, Maryland 21206

PROPERTY LOCATION:

SUBDIVISION Langenfelder Farm Cleareview Est Sec. 2 LOT NO. 18 28 34

ROAD AND DESCRIPTION Maryland Route 108 and Shepherd Lane

(12050 Dusk View Court)

SIZE OF LOT 3.7 AC. TYPE BLDG. Residential  
(NUMBER OF BEDROOMS)

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.

*[Handwritten Signature]*  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 10-24-86 Rec Satisfactory, Hold for Subdivision Plat. S. Add

BLDG. PERMIT SIGNED

AND RETURNED 10/20/86

Serial # 45609-

SFD - (4 BR)

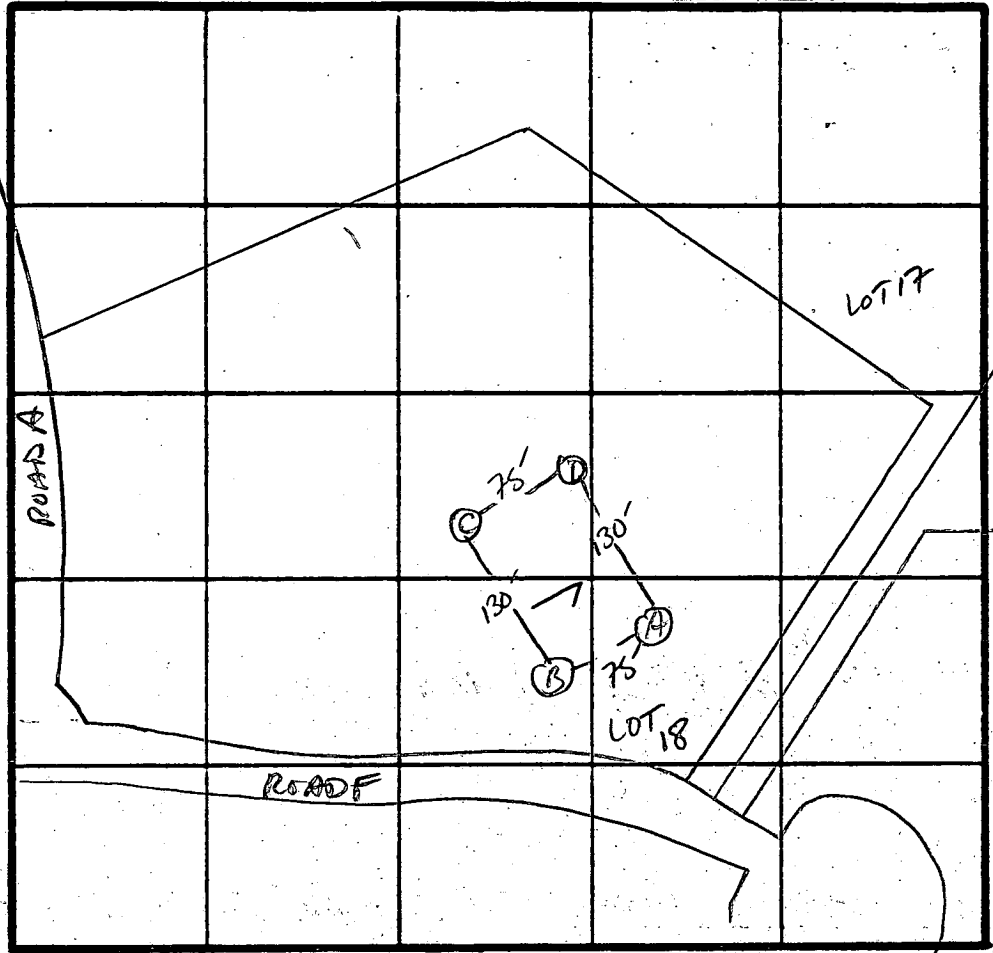
# THIS IS NOT A PERMIT

Ⓐ Ⓓ  
SOIL PROFILE

0  
12"  
AD  
Yellow Bl  
Silt loam  
9-12% clay  
<10% frags

3'  
Yellow Bl  
Sand  
Loam  
w/ white  
Sand  
10-15%  
fragments

11S-12.5



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

TO 108

Ⓒ Ⓓ  
SOIL PROFILE

0  
10"  
AP  
Red Brown  
Silt loam  
9-12% clay  
<10% frags.

3'  
Tan / yellow tan  
Sand loam  
<10%  
fragments

12"

DATE	TEST NO.	DEPTH	PRE-WET		TEST 1" DROP		TIME
			START	STOP	START	STOP	
10/29/86	AS	4.5 11.5	10:32	10:33	10:33	10:35	2 min
	DS	5' 12'	10:36	10:37	10:37	10:40	3 min
	CV	12'	UNIFORM SOIL Below 3'				
	BS	5'	10:41	10:44	10:44	10:52	8 min
	BM	8.5'	10:42	10:43	10:43	10:46	3 min
	BV	11	SAME AS HOLE C				

REMARKS Holes Per PIAT

TYPE OF SOIL Glanely / Chester

TESTED BY S. AHL ALSO PRESENT JANE WADIE  
Allen Backus

EP 12 10/9

B 1 00497

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-92-0182

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

please print or type

fill in this form completely

Date Received (APA)

090992

OWNER INFORMATION

NV HOMES

15215 Shady Grove Rd

Rockville MD 20850

B 3

LOCATION OF WELL R-48495

Howard

Hearview East

SECTION 44 46 LOT 34

CHARKSVILLE

52 NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 1 MI

DRILLER INFORMATION

Austin Harve 1149

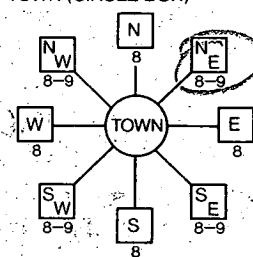
Kenan Harve

9125 Bellwood Rd

Austin Harve 9-4-92

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Dusk Views Ct

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



40 DISTANCE FROM ROAD

ENTER FT or MI AT

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 2

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 800

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A37790

STATE SIGNATURE DATE ISSUED

092892 Mark E. Ripkin 2/22/92

NORTH GRID 507000 EAST GRID 0819000

APPROXIMATE DEPTH OF WELL 400 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)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEM AN EXISTING WELL

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

Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER GAP

FORCE M.R. WRITE INITIALS IN BOX PERMIT No. HO-92-0182

SPECIAL CONDITIONS

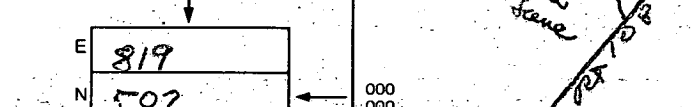
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

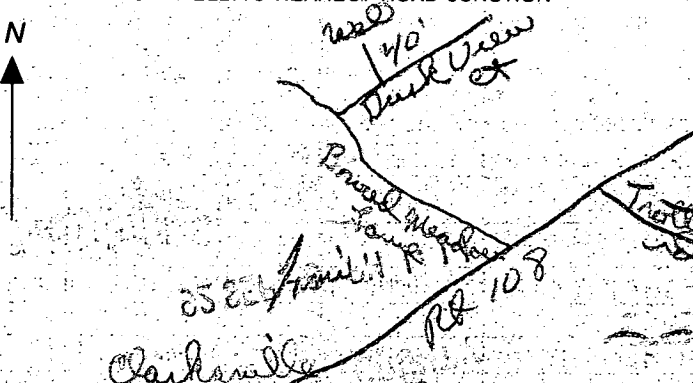
- 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE

10/13/92



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



C1 6796 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 37790**

ST/CO USE ONLY DATE Received [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] DATE WELL COMPLETED **10 13 97** Depth of Well **400** (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" **MD-92-0182**

OWNER **NV Homes** last name **Duck View Ct** first name TOWN **Clarksville**  
 STREET OR RFD SUBDIVISION **CLEARVIEW EST** SECTION LOT **29**

**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	
<b>OB</b> Sandstone + slate	0	50	
<b>L</b> #1 Dry Hole 150' Sealed with cement	50	400	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES  NO   
 TYPE OF GROUTING MATERIAL  
 CEMENT  BENTONITE CLAY   
 NO. OF BAGS **22** NO. OF POUNDS **1100**  
 GALLONS OF WATER **132**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **62** 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  L  H3  
 Nominal diameter top (main) casing (nearest inch) **6** Total depth of main casing (nearest foot) **63**

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

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

**C2**  
 DEPTH (nearest ft.)  
 E A C H S C R E E N  
 1 **#0** **62** **400**  
 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

**C3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3**  
 PUMPING RATE (gal. per min. to nearest gal.) **6**  
 METHOD USED TO MEASURE PUMPING RATE **Bushoff**  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING **23**  
 WHEN PUMPING **85**  
 TYPE OF PUMP USED (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)  
 above } LAND SURFACE  
 below } (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. **144**  
 DRILLERS SIGNATURE **Ante Hana**  
 (MUST MATCH SIGNATURE ON APPLICATION)  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

