

3-2-00 anytime  
3/6/00 11am  
3/3/00 Am & PM  
10/27/00 12 PM

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 513251

A 50514-H

DISTRICT \_\_\_\_\_

DATE 2/2/00

DATE SYSTEM APPROVED 10/27/00

INSPECTOR BB

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
~~XXXXXX~~ 410-313-2640

04-358945  
INDEXED

Charles B. Bopst (Freedom Septic) IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 239 West Old Liberty Road Sykesville, MD 21784 PHONE 410-7952947

SUBDIVISION Paragon Property LOT P.P. "A" ROAD 1600 Long Corner Road

PROPERTY OWNER Robert David Long

ADDRESS TOP SEAMED

~~TOP SEAMED SEPTIC TANK REQUIRED~~  
SEPTIC TANK CAPACITY 1000 GALLONS OR  
~~1250 Gallon or larger 2 compartment tank~~  
NUMBER OF BEDROOMS 3

#### PUMPED SEPTIC SYSTEM PROPOSED

INSTALL: 1-1000 Gallon Top Seamed Pump Chamber

NOTES:- Septic pump detail to be provided by installer prior to issuance of septic permit.  
- Pump performance test is necessary prior to Health Department approval of pumped septic permit.

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - Trench to be 3 feet wide. Inlet 2.0 feet below original grade. Bottom maximum depth 3.5 feet below original grade. Effective area begins at 2.0 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 990.85' and 950.24' lot lines, begin trenches 90 feet down the 950.24' lot line and 10 feet off that same lot line. Run trenches on contour in both directions.

NOTES - Existing driveway should be removed as needed for trench installation. No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

*OK RP 6/10/99*

PLANS APPROVED BY Amy McMillen DATE 5-25-1999

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

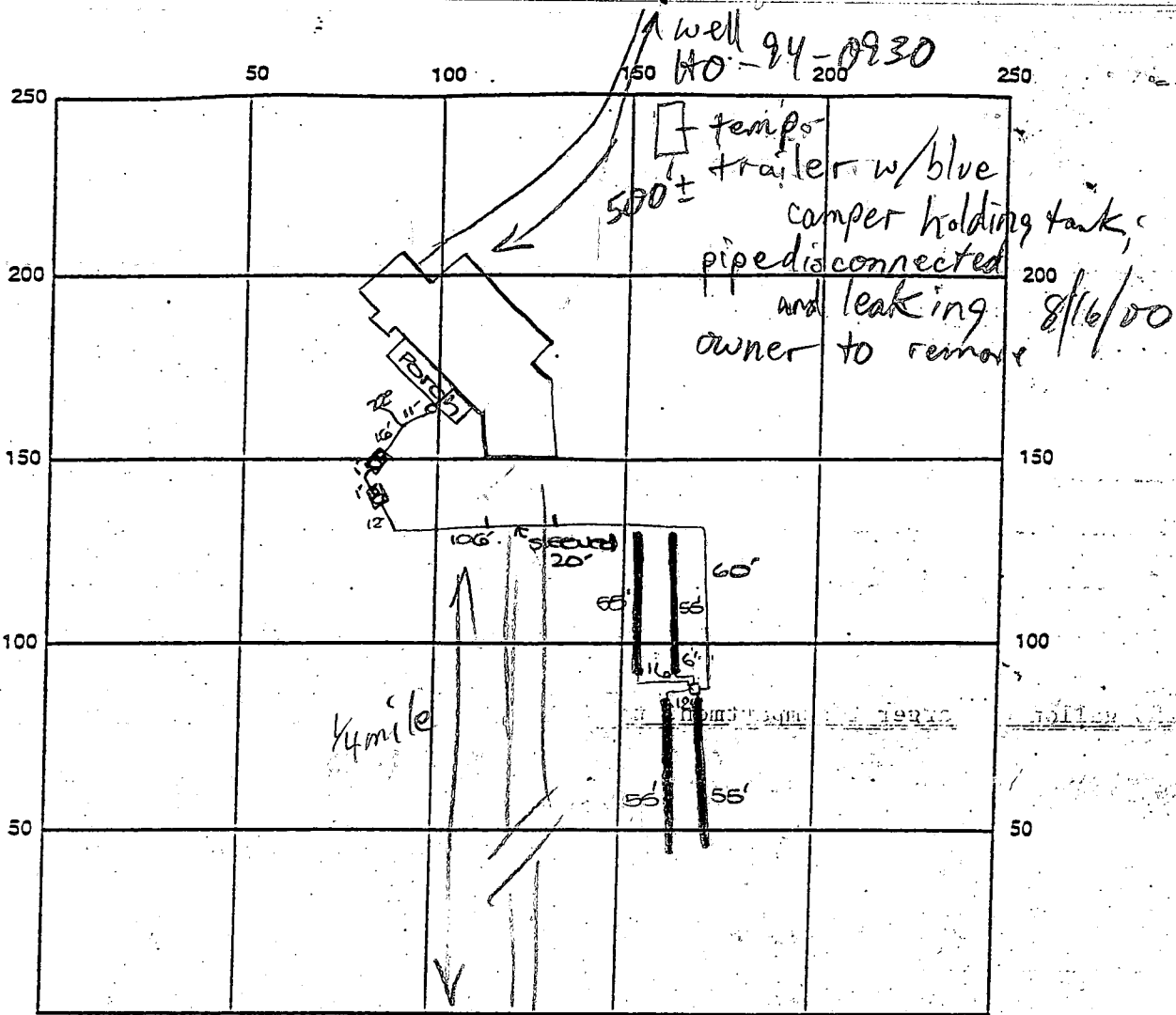
PERMIT VOID AFTER TWO YEARS

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**

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

1000 gal t.s. pump pt Long Corner Road  
 SEPTIC TANK LEVEL 1000 gal t.s. septic tank CLEANOUTS c.o. on each tank  
 DISTRIBUTION BOX LEVEL OK manhole on " "  
 DRAIN FIELD/TITLE DEPTH 3.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 FT.  
 EFFECTIVE GRAVEL DEPTH 1.5 FT. TOTAL LENGTH 4 x 55 FT. = 220  
 NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 660 SQ. FT.  
 DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.  
 ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: 3/3/00 A.M. OK to cover from house to dist box.  
 OK to continue. DLS  
 3/3/00 P.M. OK to cover first two trenches and continue.  
 3/6/00 OK to cover all septic work - need pump performance  
 test for final. DLS 8/16/00 UNPLANNED PUMP TEST ATTEMPTED, BUT  
 CHECKVALVE LEAKING, OWNER NOT FAMILIAR w/SYSTEM (MR) 10/27/00 Pump and alarm working. (BB)  
 DATE SYSTEM APPROVED 10/27/00 INSPECTOR B. Baker

# APPLICATION

PERCOLATION TESTING

A 50514 H

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 2/10/95

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Taneytown Bank Robert David Long

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER Land Design + Development / Mark Reich

ADDRESS 10806 Hickory Ridge Rd PHONE 740-2100

PROPERTY LOCATION:

SUBDIVISION Paragon Property LOT NO. 9 PPA

ROAD AND DESCRIPTION North West Corner of Windsor Forest + Long  
Corner Rd. (1/610 Long Corner Road)

TAX MAP 6 PARCEL # 82

SIZE OF LOT 1 acre ± TYPE BLDG. SFD - 3 Bm  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

**NOT RETURNED** 5-25-99  
Serial # B 10117242

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.

Mark Reich  
(SIGNATURE OF APPLICANT)

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

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

A50514-H

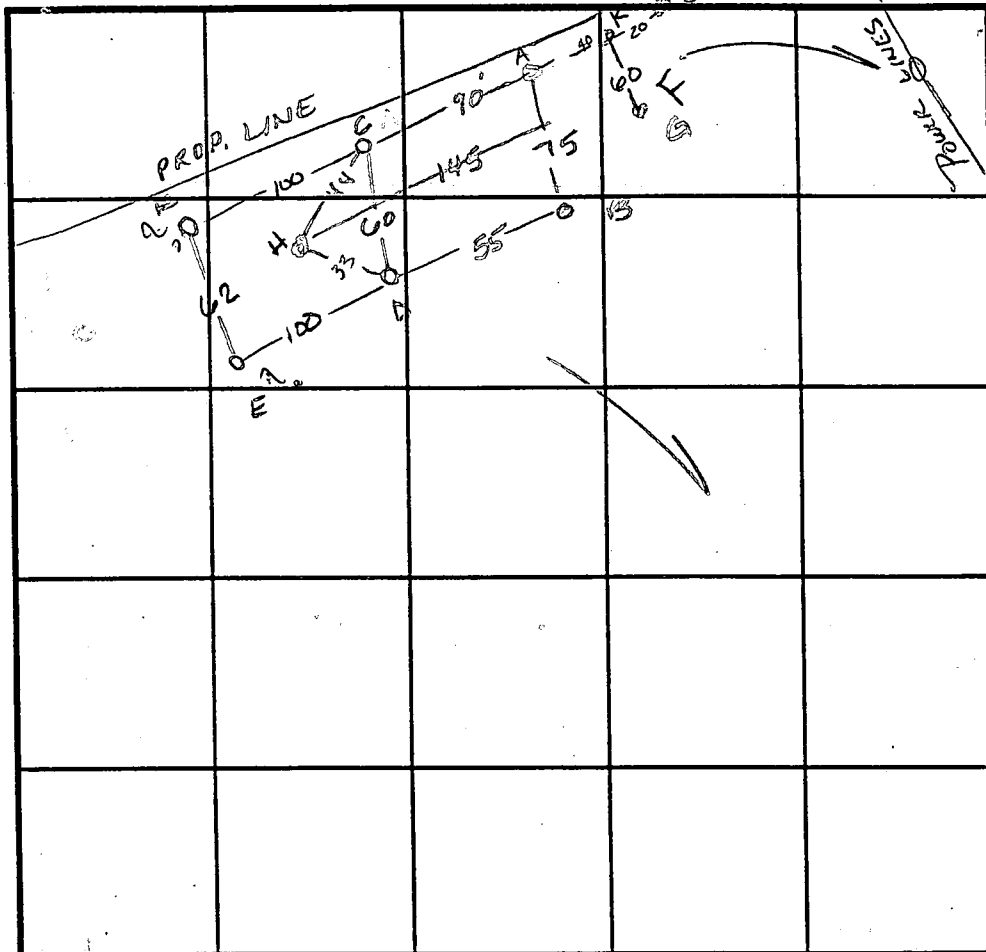
COUNTY #

SOIL PROFILE

**A**  
 0' gravelly silty  
 2.5' dark red silty  
 30% shale frags  
 9.0' 55% rock dark red silty  
 11.0'

**B**  
 3.0' gravelly silty  
 dark red silty  
 30% frags  
 9.0' refusal

**C, D, H**  
 3.0' dark brn gravelly silty  
 brn silty  
 35% frags  
 8.5' 30% blue grey saprolite  
 11.0'



SOIL PROFILE

**E, F**  
 1' brn red silty  
 3.0' blue grey silty  
 30-40% rock frags  
 blue grey rock  
 refusal water  
 9.0'  
**G**  
 2.0' red brn silty  
 40% decayed saprolite  
 red silty  
 refusal  
 10.0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-11-96	A	4.5 / 11.0	9:53	9:55	9:55	9:57	2min
	A	reperc	9:58	10:02	10:02	10:08	6min
	B	3.5 / 9.0	10:12	10:17	10:17	10:28	11min
	C	3.5 / 11.0	10:46	10:48	10:48	11:02	14min
	D	Visual	to 11.0	—	see profile -		OK
	E	—	—	—	—	—	questionable - F
	F	—	—	—	—	—	questionable - F
	G	3.5 / 11.5	1:12	1:12 <sup>20</sup>	1:12 <sup>20</sup>	TOO FAST	F
	H	Visual	to 11.0	—	—	—	OK
	J-K	Refusal @ 4.0	—	—	—	—	F

REMARKS water from holes E & F appears to be "trapped" - no ↑ water table

TYPE OF SOIL \_\_\_\_\_

TESTED BY Amy McMillen ALSO PRESENT David Long

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 7min TRENCH WIDTH 3.0

INLET DEPTH 2.0 MAXIMUM BOTTOM DEPTH 3.5 SQ. FT./BEDROOM 210

400-500'4

DRY HOLE

NO SPECIFIC WELL SITE PLAN SUBMITTED WITH WELL APPLICATION DRY WELL ATTEMPT DNY VENDOR APPROVAL GIVEN TO MOVE BACK 200-300' FURTHER BUT STAYED 9/24/96 (C)

MtC2 (A)

NO WELL ATTEMPT THIS VICINITY MR 9/28/07

LOT 4 (FORMERLY 13)

GiA (B)

(B)

A50514F

PT 50 FAILED

100'

100' EXISTING WELL

13 FAILED 218.69

95 FAILED 816.76

12 818.42

59 816.61

96 FAILED 817.43

15 816.99

A50514D 14 816.73

11 818.43

510 FAILED

92 FAILED PT

A50514F

91 FAILED PT

EX. WELL

CLEANOUTS

P. 243

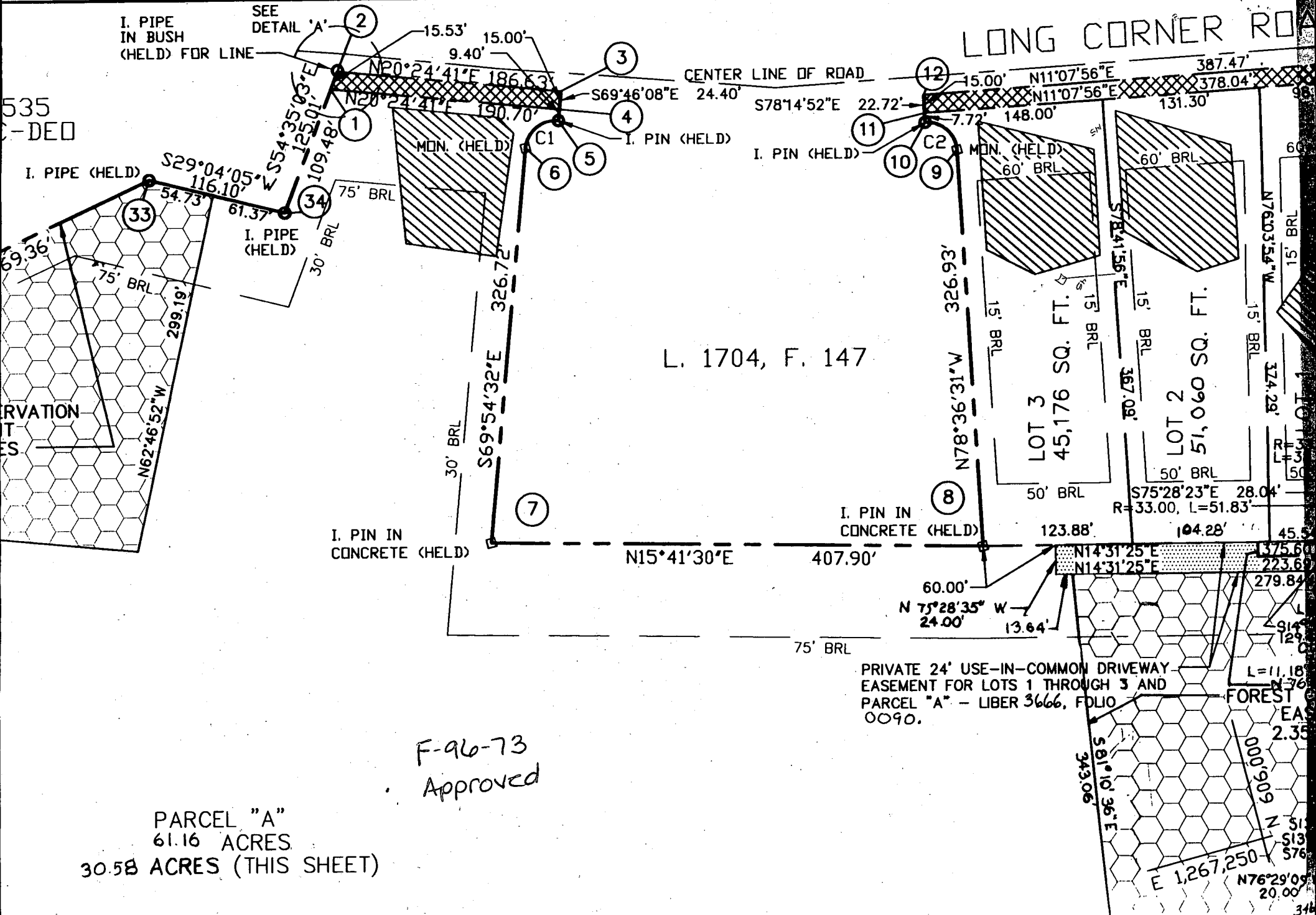
MtB2 (A)

Copy of signed Perc. Cert. Plat

8-28-95

535  
C-DEO

# LONG CORNER ROAD



L. 1704, F. 147

F-96-73  
Approved

PARCEL "A"  
61.16 ACRES  
30.58 ACRES (THIS SHEET)

GARTLAND COUNTY HEALTH DEPARTMENT 4108755304  
 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: Gartland Plumbing, Inc. Telephone #: 410-875-5303  
 Address: 1630 W. Old Liberty Rd  
Sykesville, Md 21784

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
 License # and name of individual responsible for the field installation:  
 Name (Print): J. Joseph Gartland III License # 6353  
 \*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: Dave Long Telephone #: 410 552-5010  
 Subdivision: Paragon Property Lot #: PPA Well Tag #: HO-94-0930  
 Site Address: 1600 Long Cove Road

Submersible Pump Data

Make: Goulds  
 Model #: 2G502  
 Pump Capacity 2 GPM  
 Well Yield: 12 GPM

Pitless Adapter

Make: BTJ  
 Model #: P100LT  
 Depth: 48" (36" min)  
 NSF approved: Yes

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: 100 (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: Poly  
 PSL Yes (160 psi min)  
 Depth of supply line: 48 (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: Yes  
 Approximate length of sleeve: 8'  
 Sleeve caulked and sealed properly: Yes

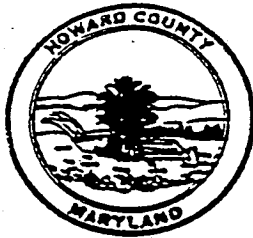
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

[Signature]  
 Signature of company representative responsible for installation

Dec 7, 2000  
 date

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

Date Insp. Requested: 8/16/00 Date Insp. Approved: 10/27/00 (BB) SRM  
 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



**HOWARD COUNTY HEALTH DEPARTMENT**

Joyce M. Boyd, M.D., County Health Officer

4/3/30/99

TO: Kelly

FROM: Amy McMillen

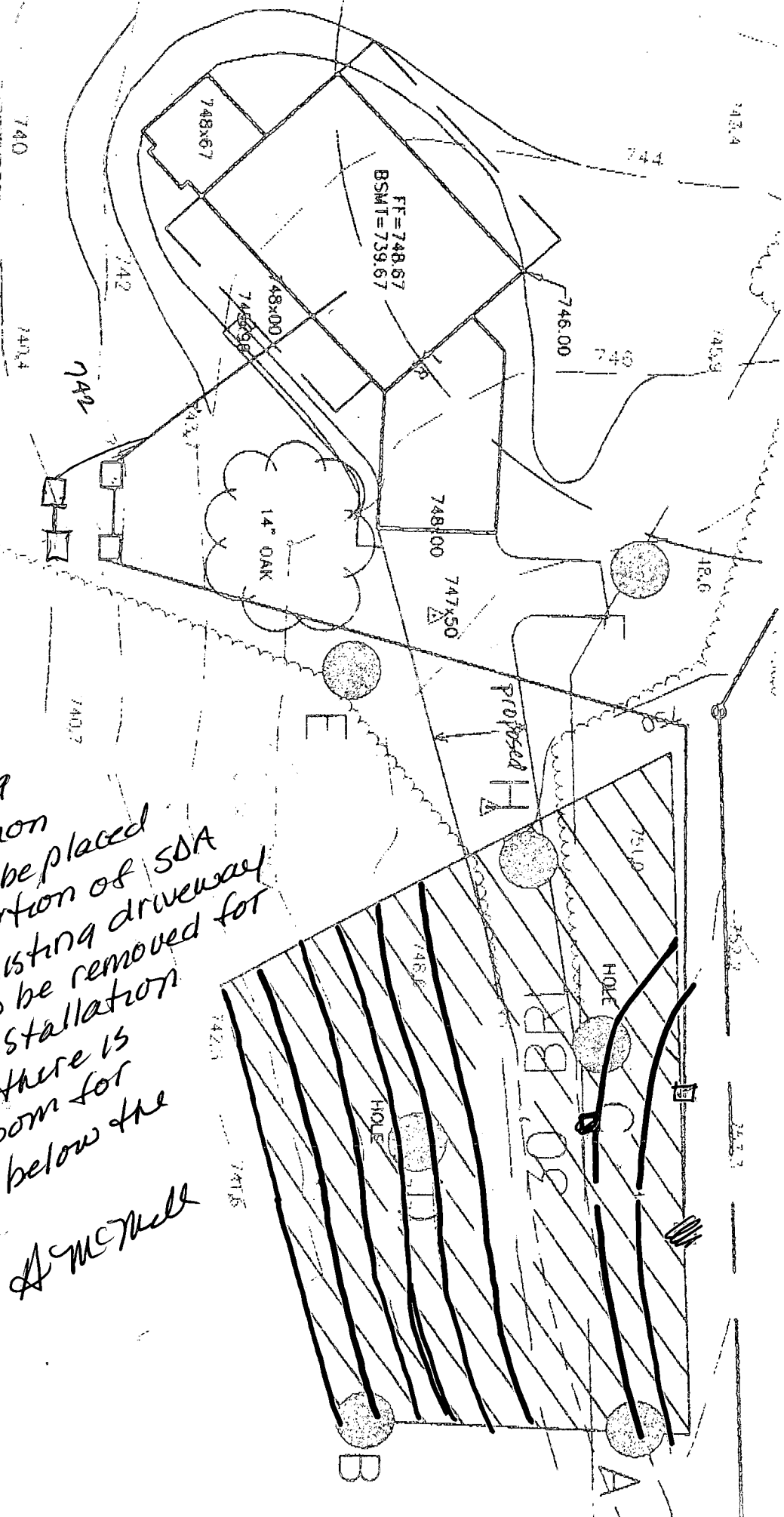
RE: Paragon Prop. PP A

Attached are the specs for the above property - once the septic has been installed - the driveway should be replaced in exactly the same place it is now

Amy

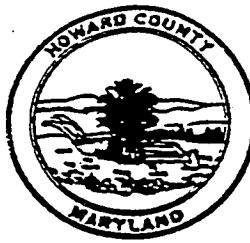
Number of pages (including cover sheet): 2





3/30/99  
 Distribution  
 box should be placed  
 in highest portion of SDA  
 any of the existing driveway  
 that needs to be removed for  
 for trench installation  
 should be - there is  
 sufficient room for  
 two repairs below the  
 driveway

A. McMill



**HOWARD COUNTY HEALTH DEPARTMENT**

Joyce M. Boyd, M.D., County Health Officer

3/30/99

TO: John Mildenberg

FROM: Amy McMillen

RE: Paragon Prop - PPA

① Attached is a copy of my approval of the driveway placement

② The initial system should be placed under the driveway - Because the entire system is pumped it is not necessary to install

③ initial system in highest portion of SDA -

Therefore - driveway doesn't need to be moved only provide access to the highest portion of the SDA for the 1<sup>ST</sup> REPAIR - this access should allow for installation w/out removing any portions of the driveway.

Number of pages (including cover sheet): 2

L. 479, F. 63  
ZONED: RC-DEO

990.85'

100'

S87°57'32"W

351.89'

PLANTED STONE (HELD)

N87°57'32"E

F

H

A50514H

B

G

E

A

K

PROPOSED HOUSE LOCATION

7/8/97

Driveway to be placed 18' off prop line. Initial system to be installed under driveway - Driveway will not be paved.

ALM

S10°15'01"E

405.14'

S10°15'01"E

405.14'

S10°15'01"E

405.12'

50

AREA  
64.970 AC.±

A5051

LnC2  
(B)

GnB2

(C)

620

685

690

750

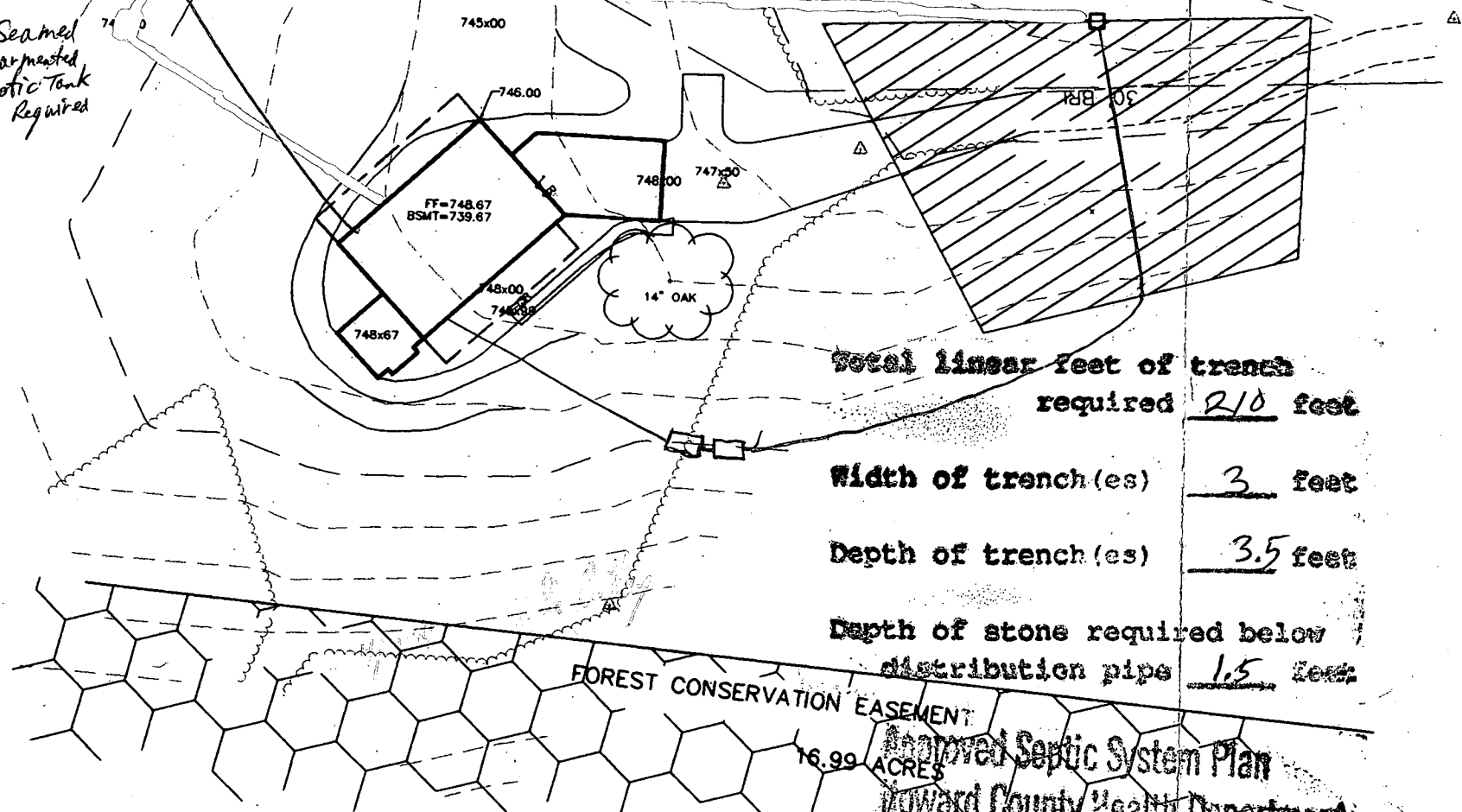
695

500' ±  
WELL

(see Specs)  
Top Seamed 1250 gal Pump Chamber required

Top Seamed  
Compartmented  
Septic Tank  
Required

Paragon Parcel "A"  
TH 6 P 82  
1600 Long Corner Rd



Total linear feet of trench  
required 210 feet

Width of trench (es) 3 feet

Depth of trench (es) 3.5 feet

Depth of stone required below  
distribution pipe 1.5 feet

B00117242  
1600 Long Corner Rd  
Mt Airy, NC 21971

FIRST FLOOR ELEVATION	748.67
INV. OUT OF HOUSE	737.67
EXIST. ELEV. AT SEPTIC TANK	740.00
PROP. ELEV. AT SEPTIC TANK	740.00
INV. INTO SEPTIC TANK	739.10
INV. OUT OF SEPTIC TANK	738.80
INV. INTO PUMP PIT	738.00
EXIST. ELEV. AT DISTRIBUTION BOX	750.50
INV. INTO DISTRIBUTION BOX	748.50

OK

SITE DETAIL **A**

SCALE  
1"=50'

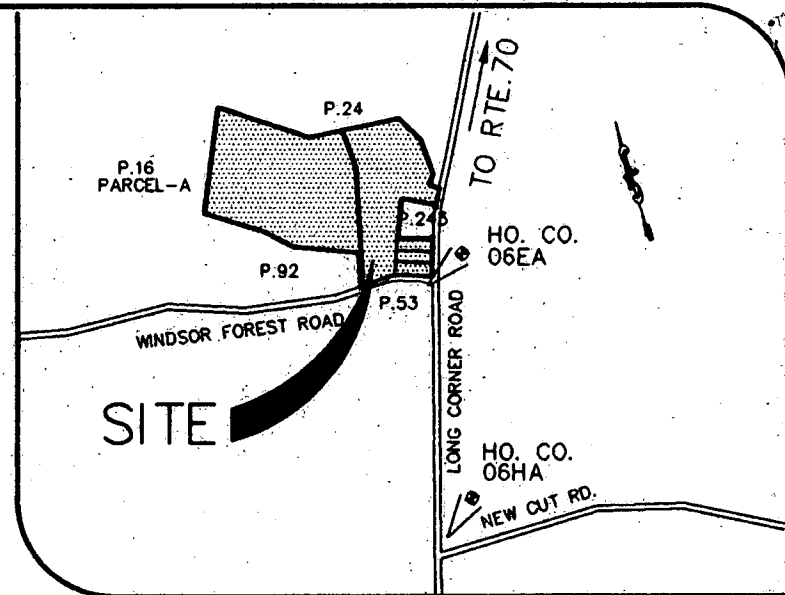
Ronald W. Haby  
Signature  
5/25/99  
1999

Approved Septic System Plan  
Howard County Health Department

99016 \dwg\16-plot.dwg

### GENERAL NOTES

1. TOPOGRAPHY BASED ON HOWARD COUNTY 200 SCALE TOPOGRAPHIC MAPS.
2. BOUNDARY INFORMATION BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT SEPTEMBER 19, 1995 BY MILDENBERG, BOENDER & ASSOCIATES, INC.
3. DISTANCE FROM FIRST FLOOR TO BASEMENT SLAB OBTAINED FROM OWNER.
4. TO THE BEST OF OUR KNOWLEDGE, EXISTING WELLS AND SEPTIC LOCATED WITHIN 100' OF THE PROPERTY BOUNDARY HAVE BEEN INDICATED HEREON.
5. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.



## VICINITY MAP

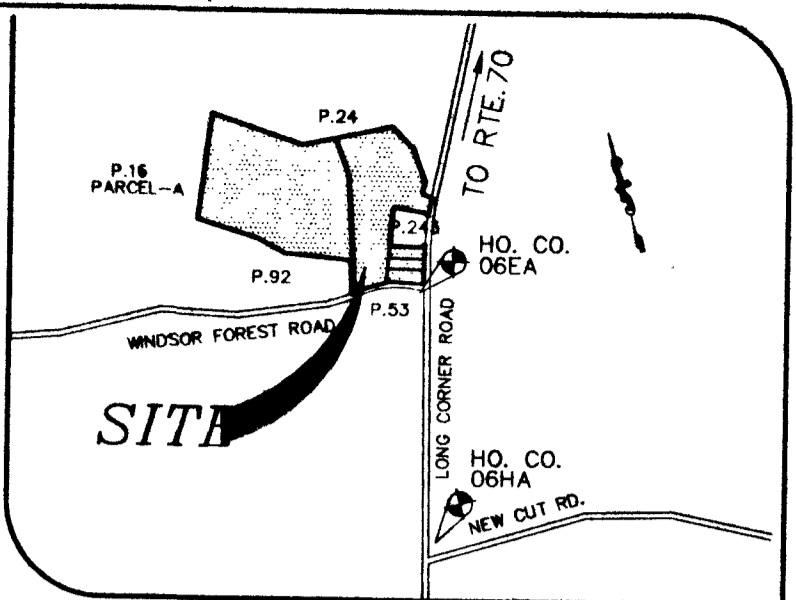
SCALE: 1"=2000'



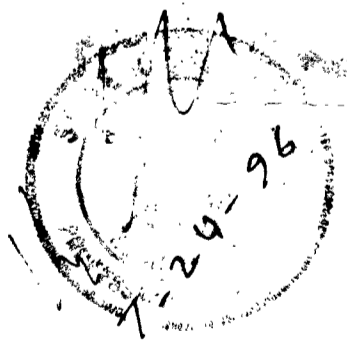
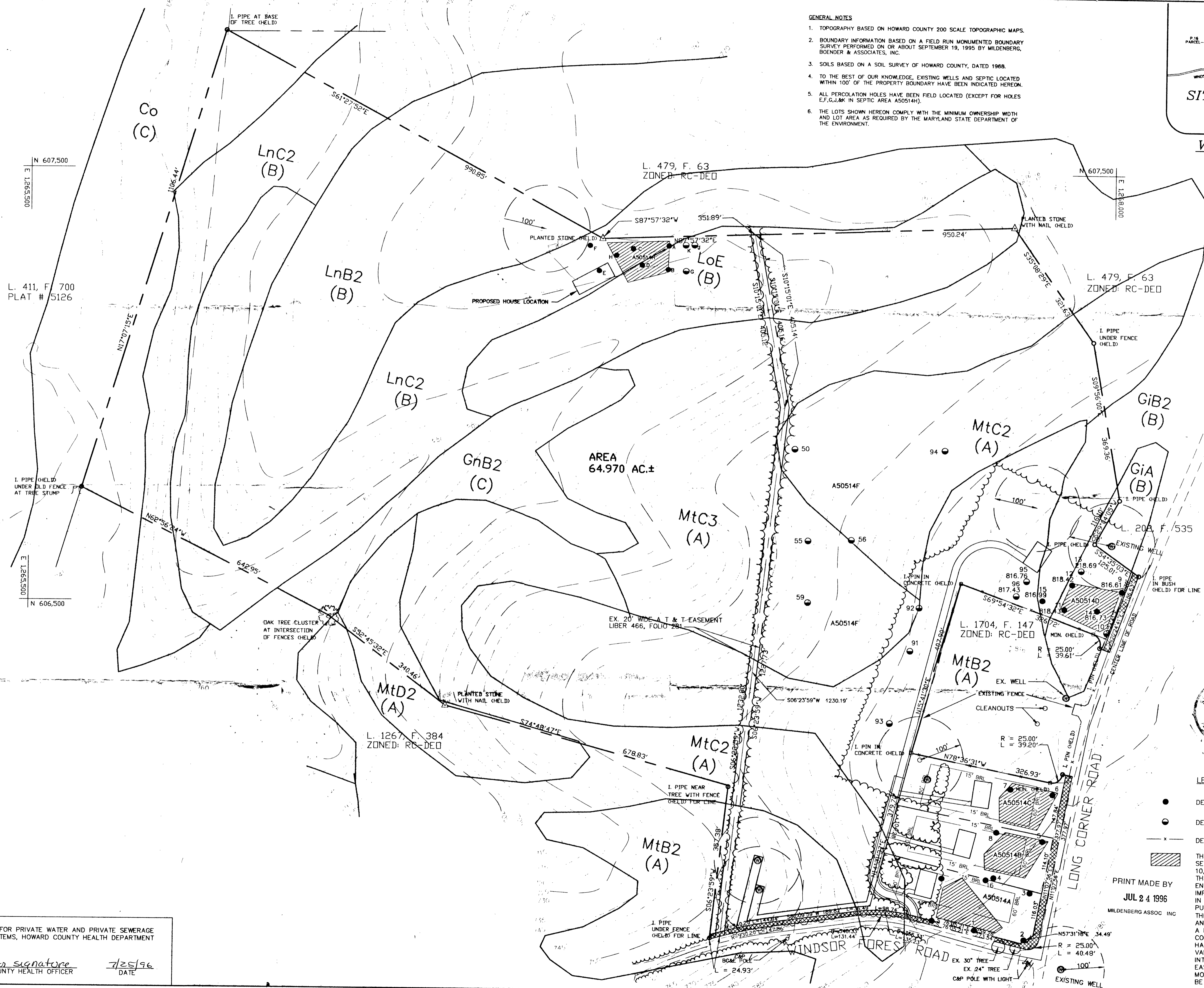
N 607,500  
E 1,265,500

N 606,500  
E 1,265,500

- GENERAL NOTES**
1. TOPOGRAPHY BASED ON HOWARD COUNTY 200 SCALE TOPOGRAPHIC MAPS.
  2. BOUNDARY INFORMATION BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT SEPTEMBER 19, 1995 BY MILDENBERG, BOENDER & ASSOCIATES, INC.
  3. SOILS BASED ON A SOIL SURVEY OF HOWARD COUNTY, DATED 1968.
  4. TO THE BEST OF OUR KNOWLEDGE, EXISTING WELLS AND SEPTIC LOCATED WITHIN 100' OF THE PROPERTY BOUNDARY HAVE BEEN INDICATED HEREON.
  5. ALL PERCOLATION HOLES HAVE BEEN FIELD LOCATED (EXCEPT FOR HOLES E, F, G, J, & K IN SEPTIC AREA A50514H).
  6. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.



date	JUNE 1996	engineering	
illustration	95007	SJD	approval
scale	1"=100'		
no.			
description			
revisions			



- LEGEND**
- DENOTES A PASSED PERC HOLE
  - DENOTES A FAILED PERC HOLE
  - x- DENOTES A FENCELINE
  - [Hatched Box] THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.

PRINT MADE BY  
JUL 2 4 1996  
MILDENBERG ASSOC INC

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

*sentio signature*  
HOWARD COUNTY HEALTH OFFICER

7/25/96  
DATE

TAX MAP 6 - PARCEL 82  
**PARAGON PROPERTY**  
HOWARD COUNTY, MARYLAND  
FOURTH ELECTION DISTRICT  
PERCOLATION PLAT

**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors  
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 987-0266 Baltimore (301) 821-5527 Wash. (410) 987-0288 Fax



C1 7836 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. COUNTY NUMBER A50514-H

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

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER REUER, DON WINDSON FOREST RD MT AIRY PARAGON PROPERTY SECTION LOT 4

WELL LOG Not required for driven wells

GROUTING RECORD yes no (Y) (N)

PUMPING TEST

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC)

HOURS PUMPED (nearest hour) 3

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes handwritten entries: Top soil 0-2, Brown shell 3-6, Blue & green slate 7-200, GOT water at 90, 190.

NO. OF BAGS 10 NO. OF POUNDS 940 GALLONS OF WATER 60 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 40 ft.

PUMPING RATE (gal. per min.) 12 WATER LEVEL (distance from land surface) BEFORE PUMPING 8 ft. WHEN PUMPING 60 ft.

CASING RECORD casing types insert appropriate code below (S) STEEL (C) CONCRETE (P) PLASTIC (O) OTHER

TYPE OF PUMP USED (for test) (A) air (P) piston (T) turbine (C) centrifugal (R) rotary (O) other (describe below) (J) jet (S) submersible

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) (P) 6 7/8 42

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

SCREEN RECORD screen type or open hole insert appropriate code below (S) STEEL (B) BRASS BRONZE (P) PLASTIC (O) OTHER (H) OPEN HOLE

PUMP INSTALLED DRILLER WILL INSTALL PUMP (YES) (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

NUMBER OF UNSUCCESSFUL WELLS: 0/1 WELL HYDROFRACTURED (Y) (N)

DEPTH (nearest ft.) (H) 41 200

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER

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

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

PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) (+) above ( ) below LAND SURFACE (2) (nearest foot)

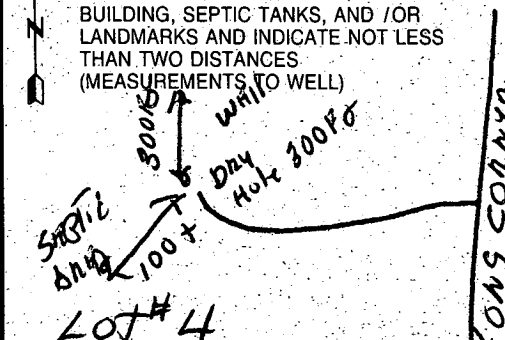
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

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

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)

TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 043 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 350-062

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 74 75 76



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

TELESCOPE CASING LOG INDICATOR OTHER DATA

