

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 4996  
A 48698

DISTRICT 2nd

DATE 4/12/94

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH

INDEXED

XX461-9933 (410) 313-2640

DATE SYSTEM APPROVED 4/15/94

INSPECTOR R. P. Kelly

T. M. Barnard IS PERMITTED TO INSTALL X ALTER

ADDRESS \_\_\_\_\_ PHONE 410-461-6599

SUBDIVISION Henline Property LOT \_\_\_\_\_ ROAD 3035 Mullineaux Lane

PROPERTY OWNER Henry F. and Maureen Henline 3025

ADDRESS 11938 Lime Kiln Rd., Fulton, MD

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 108

TRENCHES - Trench to be 2 ft. wide. Inlet 3 ft. below original grade. Bottom maximum depth 8 ft. below original grade. Effective area begins at 3 ft. below original grade. 5 ft. of stone below distribution pipe.

LOCATION - Place the distribution box at percolation hole #2 located 80 ft. from the front lot line and 35 ft. from the left lot line. Run the trenches along contour toward the front of the lot.

NOTE - The septic tank must be at least 100 ft. from any water well. No trench to exceed 100 ft. in length. Provide 6"-8" diameter cleanout and cap to grade or above on septic tank. OK MR 10/18/93

PLANS APPROVED BY Mark Rifkin Revised DATE 09/30/93

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

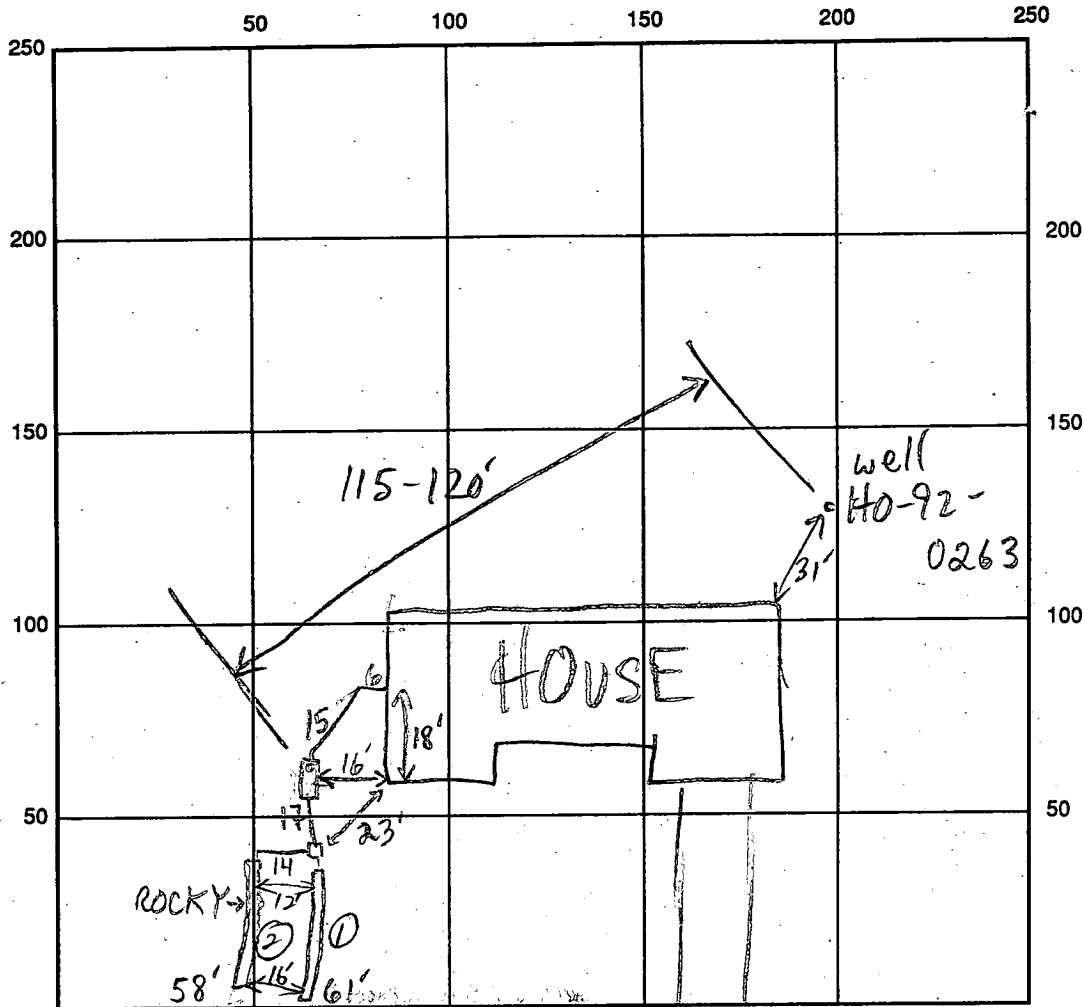
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

A 48698

8/17/94 10-12  
9/15/94 ASAP



MULLINEAUX LA INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1000 GAL - OK CLEANOUTS OK ON S-T.

DISTRIBUTION BOX LEVEL OK BAFFLE IN

DRAIN FIELD/TITLE DEPTH 8 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 5 1/2 FT. TOTAL LENGTH 61 FT. (INCL. 10' SOLID)

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 600 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 4/14/94 ROCK ENCOUNTERED IN TRENCH @, SOLID PIPE TO BE PLACED THRU 10' ROCK SECTION OF TRENCH - CONTINUE MR OK to Cover System

City Sewer planned in a year - reason for using lower half of field. R/P 4/15/94

4/14/94 WELL LINE INSTALLED, NO APPARENT INSP. MR

DATE SYSTEM APPROVED 4/15/94 INSPECTOR [Signature]

# APPLICATION

12-1-92  
10:00am

PERCOLATION TESTING

A 48698

P \_\_\_\_\_

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

PROPOSAL IS ACCEPTABLE  
FOR INTERIM SYSTEM ONLY.  
SEE ATTACHED DOCUMENTATION,  
OWNER AWARE OF  
WST SEASON POTENTIAL (CW) 11/19/92

DISTRICT \_\_\_\_\_

DATE 11-19-92

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 Robert T. and Naomi W. Henline Henry Henline

ADDRESS 3035 Mullineux Ln. Ellicott City MD 21042 PHONE (410) 465-4582

AGENT OR PROSPECTIVE BUYER Henry F. and Maxine Henline

ADDRESS 11938 Lime Kite Rd. Fulton MD PHONE (301) 498-5252

PROPERTY LOCATION:  
SUBDIVISION Henline Property LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION 3035 Mullineux Lane (3025 Mullineux Lane)

TAX MAP 17 PARCEL # 329

SIZE OF LOT 0.599 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. Henry F. Henline  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 12/1/92 PERC OK HOLD FOR PERCENT PLAT

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

48698

COUNTY #

SOIL PROFILE

0' TOP SOIL CLAY

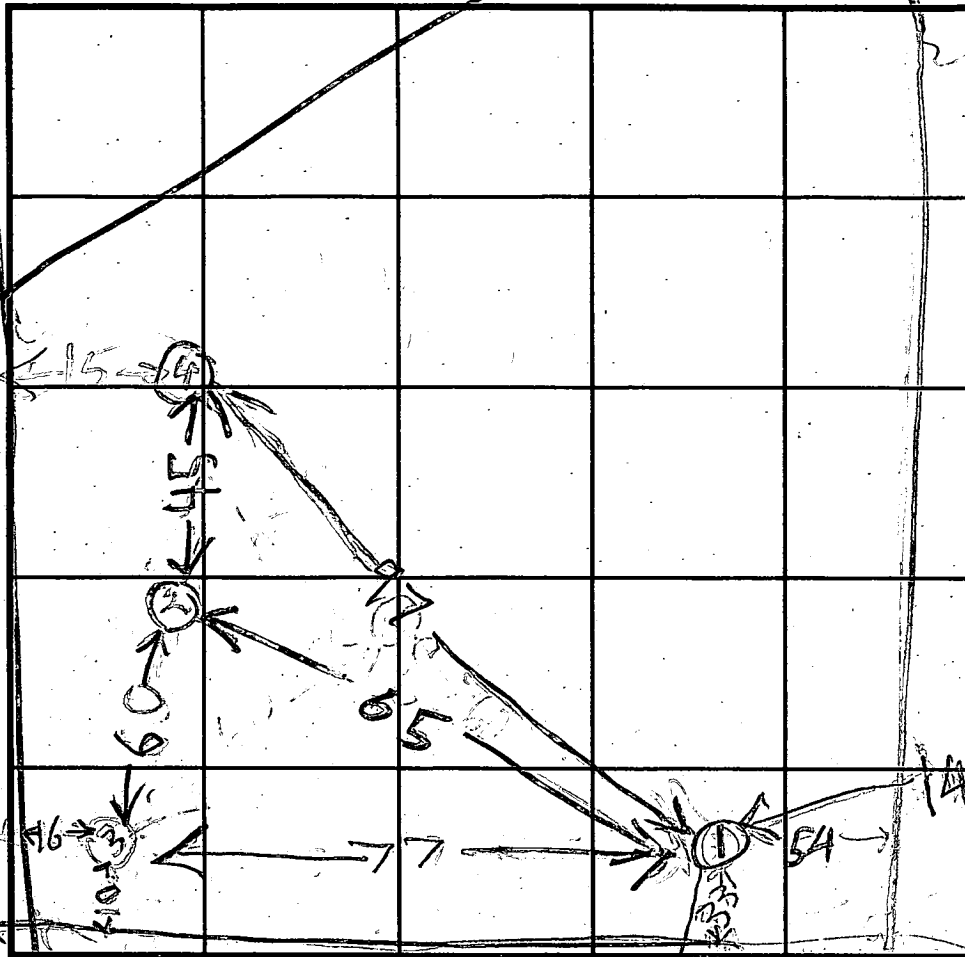
2' BROWN WHITE GRAY SAND LOAM & POW DURS

12' 2' 0' 2' 0'

2' 0' 2' 0'

TOP SOIL CLAY

GRAY & BROWN SAND LOAM



SOIL PROFILE

0'

EXIST HOUSE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASELINE.

MULLINEAUX LA

140 FT TO WELL ACROSS ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/1/92	13	4.5	1034	1035	1032	1038	6
12/1/92	23	4.5	1104	1105	1105	1107	2
11	35	4.5	1150	1152	1152	1156	4
11	45	4.5	1247	1249	1249	1253	2
	4V	12					

REMARKS RAIN TODAY

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

TESTED BY RAYMOND HODGES BOYER HONOR HEMM

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH 2

INLET DEPTH 2 MAXIMUM BOTTOM DEPTH 9 SQ. FT./BEDROOM 180

ALSO PRESENT BOYER HONOR HEMM ROB GUNNY

112

140

29

92 DEC -8 AM 10:07

Henry & Maureen Henline  
11938 Lime Kiln Road  
Fulton, MD 20759  
(301) 498 5252

December 04, 1992

Mr. Craig Williams  
Howard County Health Department  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, Maryland 21043

Re: Henline Property  
Mullineaux Lane, Parcel 329

Dear Mr. Williams,

Please consider this a letter of intent as per our discussion on December 3, 1992.

As discussed: We have agreed to a minimum sized septic system (158 sq. ft. per bedroom for a trench system, 125 sq. ft. per bedroom for a drywell system) because of the pending availability of public sewerage and water. I plan to file an Elevation Drawing for Building Permit Approval for first floor septic service on trenches at the high point of the sewage easement. Then in February/March when installing the system, request an on-spot evaluation for a basement service drywell system. This basement service drywell system would have to pass a wet season test at the planned point of installation to a depth of 14.5 feet.

If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

*Henry F Henline*

Reviewed, Craig Williams

*Vorded*  
*Wet Season Test not made*  
*6/14/93*  
*MIF*

B 1 02599

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-92-0263

(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)

OWNER INFORMATION

HENLIME HENRY
11938 LIME KILN RD
FULTON MD 20759

B 3

LOCATION OF WELL

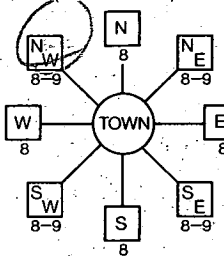
HOWARD
HENLIME
ELLICOTT CITY
3 MI

DRILLER INFORMATION

George F. Easterday
L. Franklin Easterday, Inc.
9265 Brown Church Rd., MT. Airy, Md. 21771

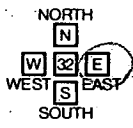
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



MULLINEUX LANE

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



250 FT
DISTANCE FROM ROAD

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

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 A42.698
COUNTY NAME COUNTY NO.
STATE SIGNATURE DATE ISSUED 120992 B. Hodges 6/9/92
NORTH GRID 528000 EAST GRID 0837000

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-PERcussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTary Drive-POINT
other

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 DEEPEMED 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

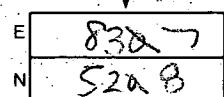
FORCE INITIALS IN BOX PERMIT No. HO-92-0263

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

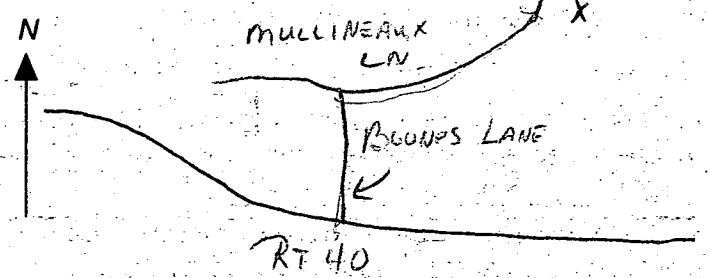
SOURCES OF DRILLING WATER

- 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



12/18/92 10:30 X
no imp
GROUT OK
NOT OBS'D
DONE VERY DRY
YESTERDAY?
MR 12/2/92

SPECIAL CONDITIONS

C1 7603

SEQUENCE NO. (DENY USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A48698

(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 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER HENLINE HENRY first name TOWN FULTON MD 20757

STREET OR RFD HIGHWAY 1135 SECTION LOT

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 (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Top soil, Clay, brown shale, Sand stone mixed, Sand stone, Mica, Sand stone, Sand stone, Mica, Sand stone, Mica, Sand stone, Mica, Sand stone, Mica, Quartz, Mica Mixed, Mica.

WELL HAS BEEN GROUDED (Circle appropriate box) TYPE OF GROUDED MATERIAL CEMENT BENTONITE CLAY

NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot)

CASING RECORD casing types insert appropriate code below ST CO PL OT STEEL CONCRETE PLASTIC OTHER

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

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 BRONZE HOLE PLASTIC OTHER

DEPTH (nearest ft.) 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) T (E.R.O.S.) W Q LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) PUMPING RATE (gal. per min. to nearest gal.) METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING TYPE OF PUMP USED (for test)

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (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)

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)

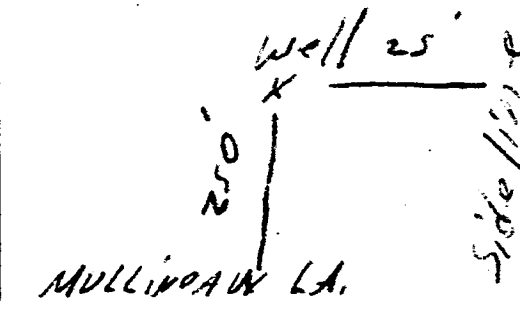
CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

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.

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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



HENLINE RESIDENCE  
 MULLINEAUX LANE  
 ELLICOTT CITY  
 HOWARD CNTY, MARYLAND  
 DIST. 2, MAP 17, GRID 19, PARCEL 128

DRAWN BY H. HENLINE	SIZE PLOT PLAN	REV
DATE MAY 15, '93		
SCALE 1" = 20'	DO NOT SCALE PRINT	SHEET 1 OF 1

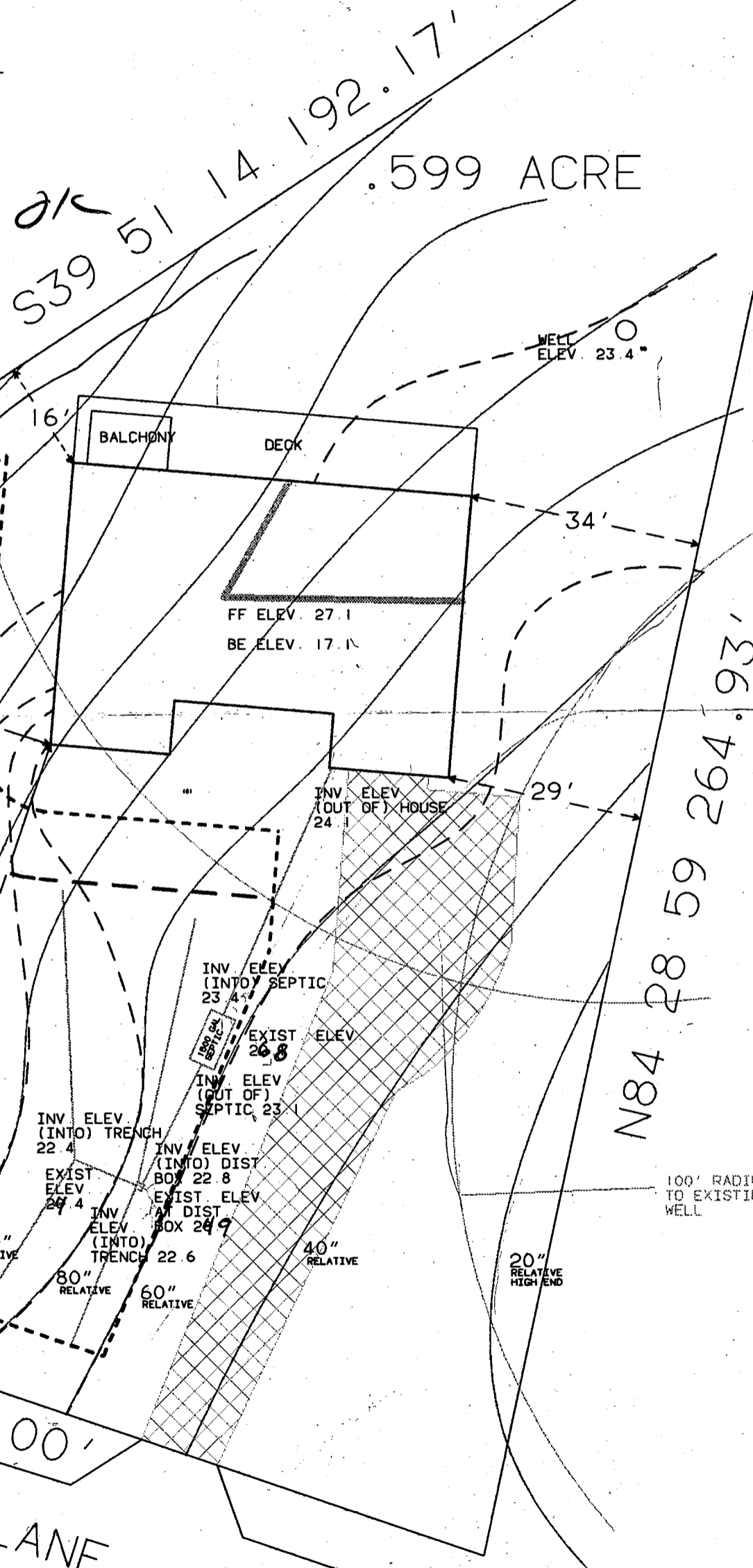
- EXISTING CONTOURS
- - - PROPOSED CONTOURS
- ~ SEDIMENT FENCING
- - - 10 FOOT SETBACK
- - - 20 FOOT SETBACK
- - - 100 FOOT SETBACK

ALL MEASUREMENTS ARE ACTUAL AND CORRECT TO THE BEST OF MY ABILITY

*Henry F. Henline* 6/14/93  
 HENRY F. HENLINE DATE

3 BEDROOMS

6/14/93  
 REVISED PLANS OK  
 BP48922  
 R. Hodges

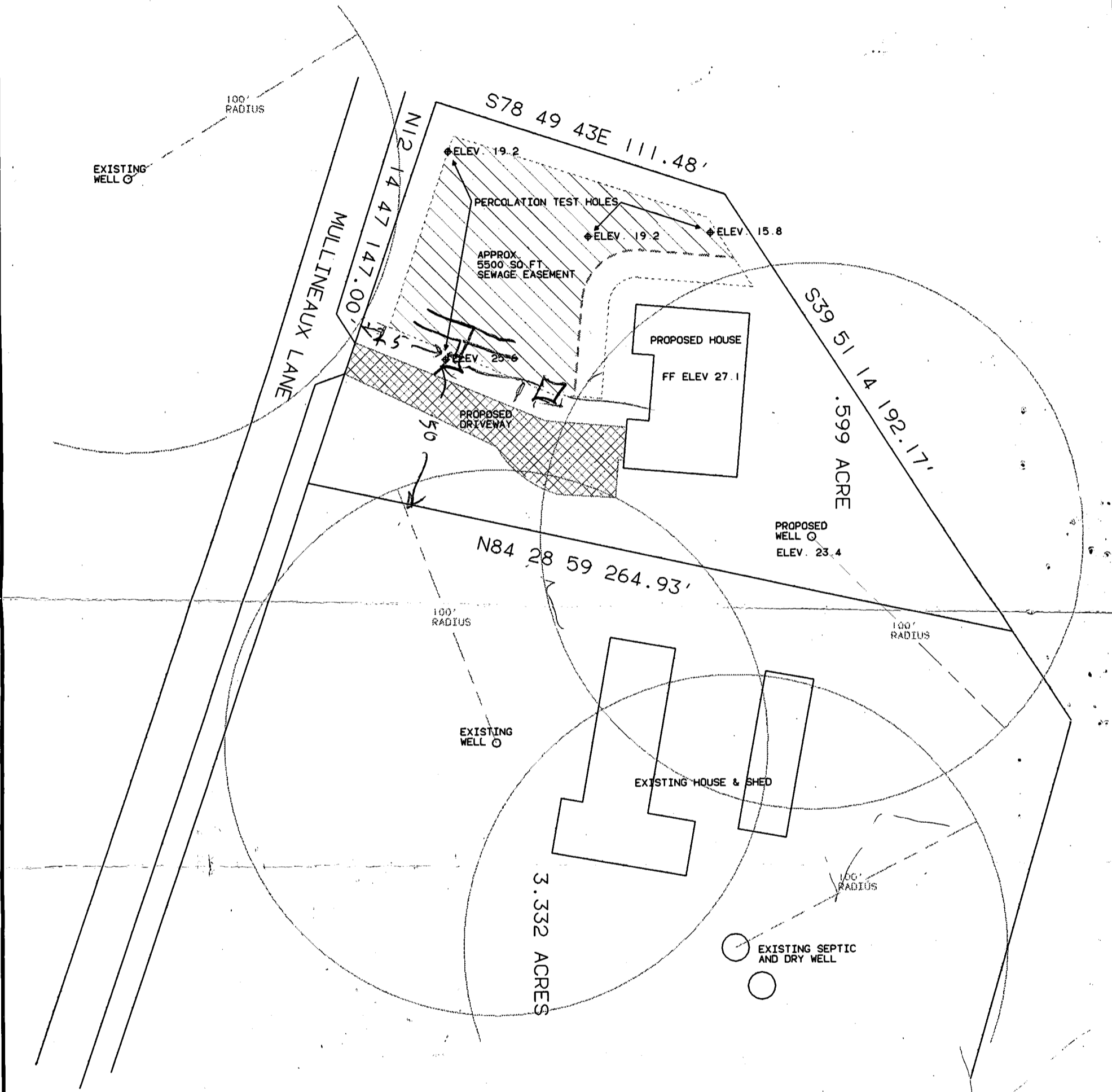


# PERCOLATION CERTIFICATION PLAN

APPROVED: FOR INTERIM PRIVATE WATER AND INTERIM PRIVATE SEWERAGE SYSTEMS. PROPERTY IS TO BE CONNECTED TO PUBLIC FACILITIES WITHIN ONE YEAR OF THEIR AVAILABILITY.  
HOWARD COUNTY HEALTH DEPARTMENT.

92 DEC -8 AM 10:07

*Joseph Boyles* 12-8-92  
HOWARD COUNTY HEALTH OFFICER (cw) DATE



THE LOT SHOWN HERON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH OF LOTS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE AND SERVICING THE RESIDENTIAL STRUCTURE CONSTRUCTED ON THIS BUILDING SITE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWER EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

ALL EXISTING WELLS & SEPTIC SYSTEMS WITHIN 100 FEET OF THE LOT BOUNDARIES ARE SHOWN AND NOTED HEREON.

ALL PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AND ARE SHOWN THUS (◆).

ALL MEASUREMENTS ARE ACTUAL AND CORRECT TO THE BEST OF MY ABILITY.

*Henry F. Henline*  
HENRY F. HENLINE DATE 12/4/92

HENLINE PROPERTY 3035 MULLINEAUX LANE ELLICOTT CITY HOWARD CNTY, MARYLAND			
ELEC. DIST. 2, PARCEL 329, MAP 17, BLOCK 19			
DRAWN BY H. HENLINE	SIZE D	DWG. NO.	REV
DATE DEC. 3, 1992			
SCALE 1" = 40'		DO NOT SCALE PRINT	SHEET

10' SETBACK  
20' SETBACK

SIDENCE  
LANE  
CITY, MARYLAND  
GRID 19 PARCEL 128  
PLOT PLAN  
REV  
SHEET  
DO NOT SCALE PRINT

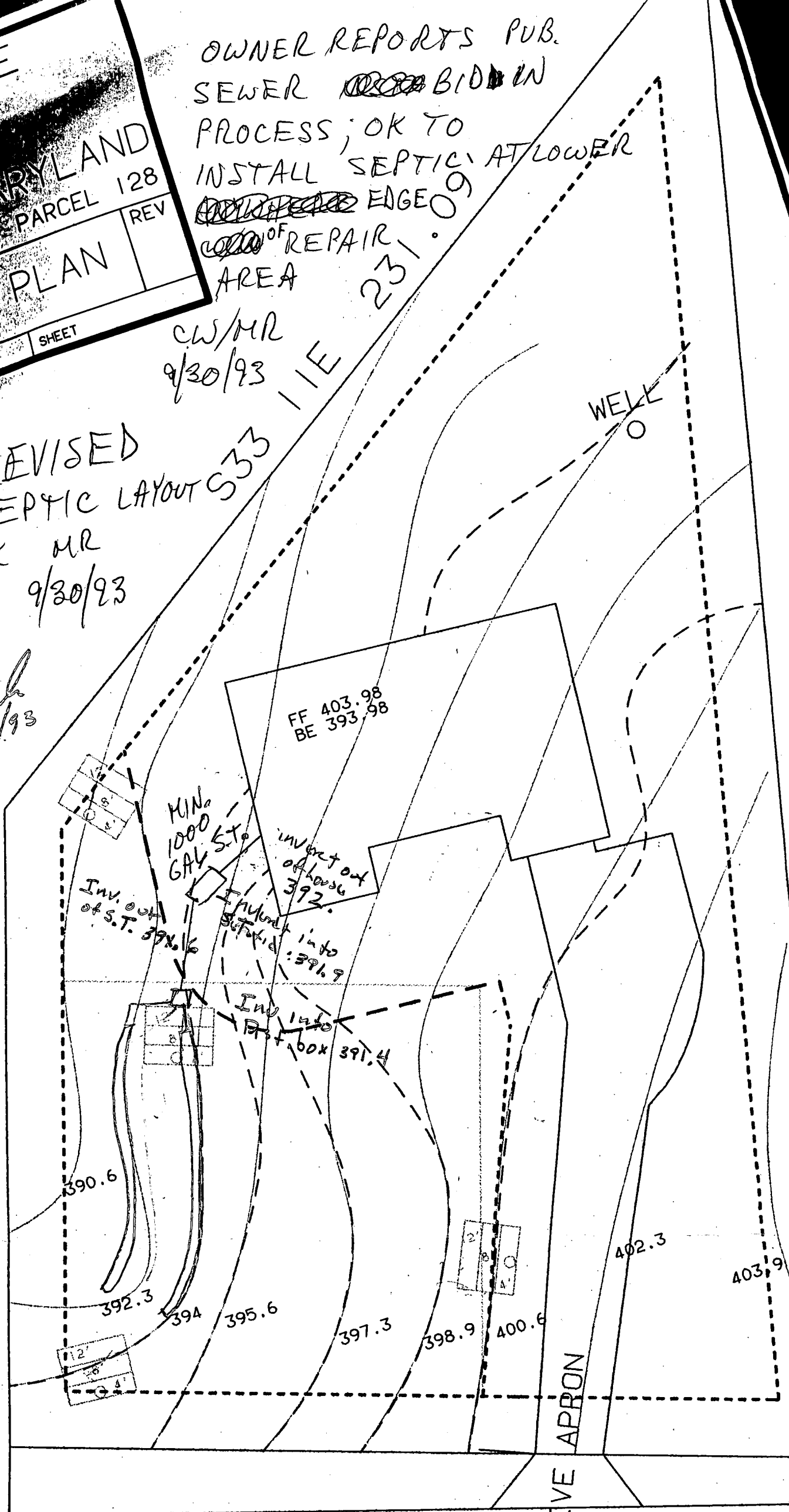
OWNER REPORTS PUB.  
SEWER ~~CON~~ BID IN  
PROCESS; OK TO  
INSTALL SEPTIC AT LOWER  
~~EDGE~~ EDGE  
OF REPAIR  
AREA

CW/MR  
9/30/93

REVISED  
ELEV. & SEPTIC LAYOUT  
OK MR  
9/30/93

New  
9/30/93

S72 10E 111.52'



DRIVE APRON