

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

# INDEXED

P 57030 A

A 49052

DISTRICT 4th

DATE 7-17-96

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~X4619933~~ 313-2640

DATE SYSTEM APPROVED 11-13-96

INSPECTOR DKS

(Have conn verified by Pelt @ Trinity Bldg)

Arnold Backhoe & Septic Service IS PERMITTED TO INSTALL  ALTER

ADDRESS P.O. Box 15 7110 Woodbine Road, Woodbine, MD 21797 PHONE 795-7873

SUBDIVISION Walnut Springs LOT 8 ROAD 1254 Emmaus Road

PROPERTY OWNER Trinity Builders

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS TOP SEAMED TANK REQUIRED **\*\* (Due to landscape position upslope of neighboring well)\*\***

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240 180

INSTALL-3 trenches @ 80 feet long to ~~extend under driveway~~

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 130 feet up the right lot line and 85 feet off this same lot line. Run trenches on contour to front of lot.

NOTE - Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 7/1/96 DKS

PLANS APPROVED BY Mark Rifkin/Craig Williams DATE 06/07/96

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

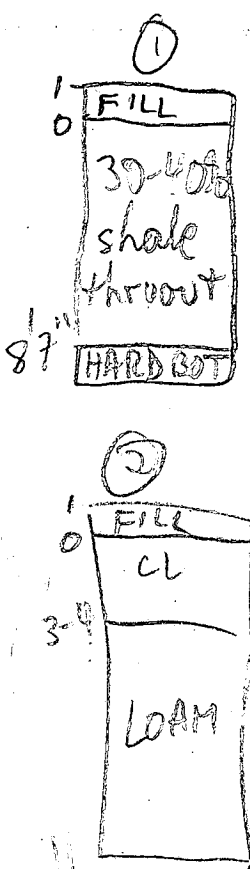
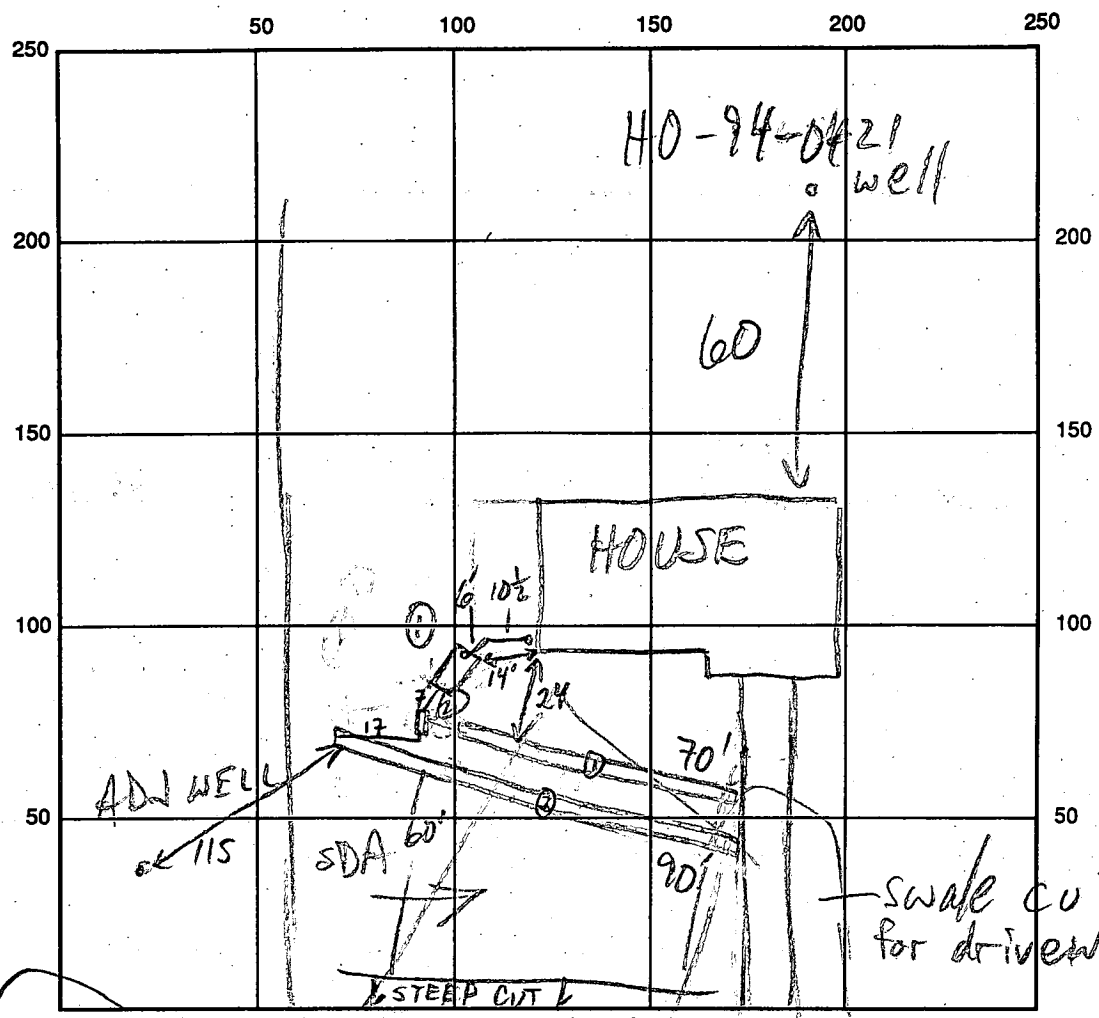
PERMIT VOID AFTER TWO YEARS

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**

115



EMMAUS RD  
 SEPTIC TANK LEVEL 1250 GAL - OK CLEANOUTS S.T. - OK INLINE - OK  
 DISTRIBUTION BOX LEVEL OK - BAFFLE IN  
 DRAIN FIELD/TITLE DEPTH 7 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 1/2 FT.  
 EFFECTIVE GRAVEL DEPTH 4 1/4 FT. TOTAL LENGTH 70 90 FT.  
 NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 280 360 SQ. FT.  
 DRYWALL INSIDE DIAMETER      FT. EFFECTIVE DEPTH BELOW INLET      FT.  
 ABSORBENT AREA 640 SQ. FT.

REMARKS: 8/6/96 INSTALLER REPORTS ONLY 40' TRENCH PASS. BEFORE CONFLICTING W/SWALE @ DRIVEWAY; SPECS MODIFIED - OK TO START MR 8/7/96 #1 ADD'L RX IN TRENCH @ (N30-40%) BUT NO OTHER OPTION EXCEPT TO MAINTAIN REVISED SPECS; ALSO SDA NEAR ROAD (REPAIR AREA) CUT TO 40% SLOPE (25% ON PLAN) - ~2000# SDA LOST - CONTINUE MR 8/7/96 #2 SYSTEM UNDERSIZED BY ~10% BUT MAY

DATE SYSTEM APPROVED 8/7/96 INSPECTOR     

AREA LEFT FOR REPAIR - OK TO COVER TRENCHES; HOLD FOR HOUSE CONN.

# APPLICATION

PERCOLATION TESTING

A 4905<sup>2</sup>  
P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_  
DATE 3/16/93

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 CHARLES SCHROYER Trinity Builders

ADDRESS 1245 MORGAN STATION RD PHONE 301 854 6217

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

SUBDIVISION NOTE Walnut Springs LOT NO. Lot 8  118 on signed plat

ROAD AND DESCRIPTION EAST OF MORGAN STATION SOUTH OF RT. 70

TAX MAP 8 PARCEL # 313

SIZE OF LOT ± 42,500 TYPE BLDG. Single Family - 4 BRMS  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED  
**AND RETURNED 6-7-96**  
Serial # B00100161

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.

[Signature]  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 5/3/93 - ONE HOLD FAILED SHALE & TOO FAST RIT

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



C1 3675

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

(THIS NUMBER IS TO BE PUNCHED IN C.O.S. 3-6 ON ALL CARDS)

COUNTY NUMBER A 49052

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

050195

072595

300

HO-94-0421

OWNER Schroyer Charles last name first name STREET OR RFD Emmaus Rd TOWN Lisbon SUBDIVISION WALNUT SPRINGS SECTION LOT 8

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 FROM TO Check if water bearing

Table with 3 columns: DESCRIPTION, FEET FROM, FEET TO. Rows include Brown Shale (0-66) and Blue Rock (66-300).

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 17 NO. OF POUNDS 1598 GALLONS OF WATER 102 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 61 ft.

CASING RECORD

ST CO STEEL CONCRETE PL OT PLASTIC OTHER MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 70

OTHER CASING (if used)

Table for other casing with columns for diameter (inch) and depth (feet).

SCREEN RECORD

screen type or open hole (ST, BR, HO, PL, OT) DEPTH (nearest ft.) 68 300 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED.

WELL HYDROFRACTURED (Y/N)

- 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. 24

DRILLERS SIGNATURE Joseph Mayne

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

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 6 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 62 WHEN PUMPING 235 TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (YES/NO) 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 (nearest foot)

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)





**HOWARD COUNTY HEALTH DEPARTMENT**

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

June 3, 1996

Trinity Builders  
6212 Devon Drive  
Columbia, MD 21044

RE: Building Permit #B00100161  
Walnut Springs - Lot 8

Dear Sir/Madam:

At this time we are unable to recommend your building permit for approval for following reasons:

1. Road grading has already impacted the lower portion of the septic area, the proposed driveway will further reduce area available for septic system installation.
2. Little room exists for revision of the septic area.

We would request a review conference to determine how best to utilize the site.

If you any questions or concerns about this matter you may call this office at 313-2640.

Very truly yours,

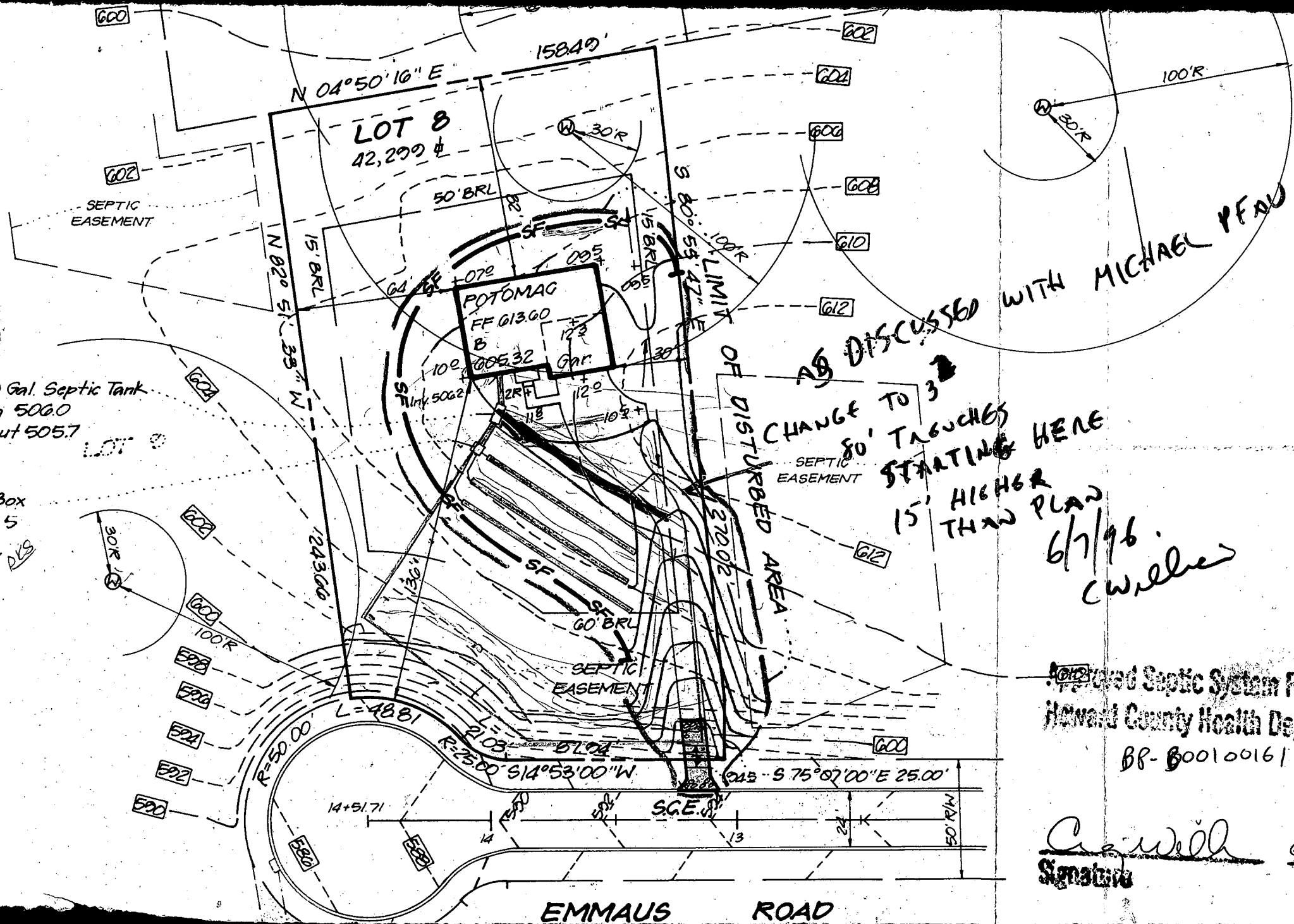
*Glen Savage*  
Glen Savage, Sanitarian  
Water and Sewerage Program

GS:vrk  
cc: Permits & Licenses  
File

BUILDER AGREES TO  
INSTALL SYSTEM 15' H1646  
ON LOT THAN ~~PLAN~~ SHOWN OF BP PLAN  
WILL DO THIS PRIOR TO FINAL DRIVEWAY  
CONSTRUCTION AND EARLY ENOUGH IN  
HOUSE CONSTRUCTION PROCESS TO ADAPT TO  
WHETHER OR NOT GRAVITY BASEMENT SERVICE

Bureau of Environmental Health HAS BEEN ACHIEVED.  
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544  
Water and Sewerage, Permits (410) 313-2640 Community Environmental Health (410) 313-2644  
Food Protection Program (410) 313-2642 TDD (410) 313-2323

*6/7/96*  
*Michael [unclear] (Pres.)*



AS DISCUSSED WITH MICHAEL PEAV

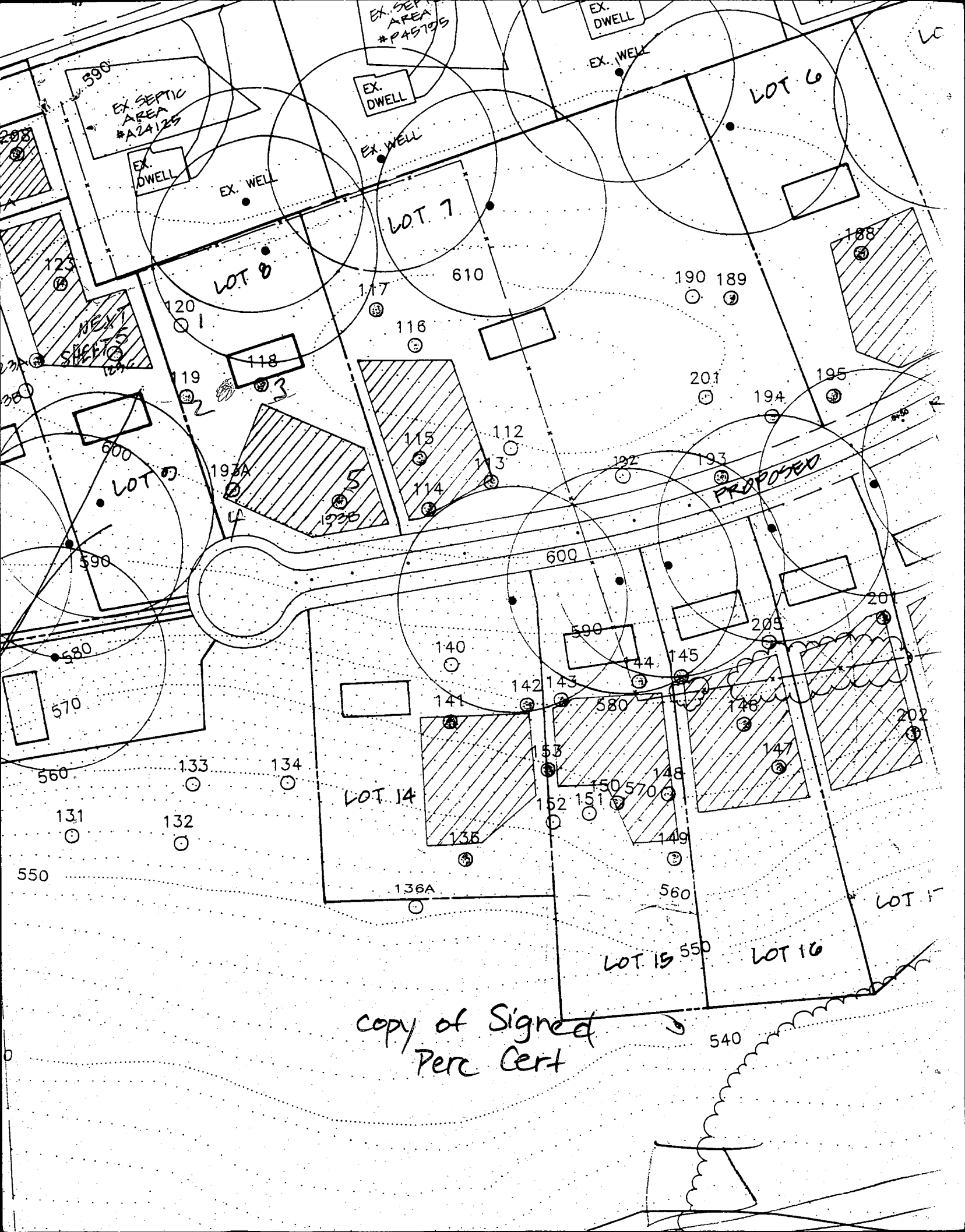
CHANGE TO 3  
80' TRENCHES  
STARTING HERE  
15' HIGHER  
THAN PLAN

6/7/96  
C. Willer

Approved Septic System Plan  
Howard County Health Department  
BP-000100161

C. Willer  
Signature  
6/7/96  
Date

EMMAUS ROAD



copy of Signed  
Perc Cert