

cl/5/96  
PM/96  
6/1/96  
12:00

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

# INDEXED

P 56634 A

A 49064

DISTRICT 4th

DATE 5-20-96

DATE SYSTEM APPROVED 6/6/96

INSPECTOR DKS

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

Van Sant Plumbing & Heating IS PERMITTED TO INSTALL X ALTER       

ADDRESS 3 N. Main Street, Mt. Airy, MD 21771 PHONE 1-800-682-6726

SUBDIVISION Walnut Springs LOT 18 ROAD 1243 Emmaus Road

PROPERTY OWNER Firetti Construction Group, Inc. Brister

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting from the breakpoint in the right lot line (63.99'/319.38' intersection) place the distribution box 70' down the 319.38' lot line and 10' off this same lot line. Run trenches on contour to left side of lot. Maintain a minimum of 100' from all nearby wells to all parts of the septic system.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 5/17/96 OK All

PLANS APPROVED BY Mark Rifkin DATE 4/29/96

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. additional deck

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

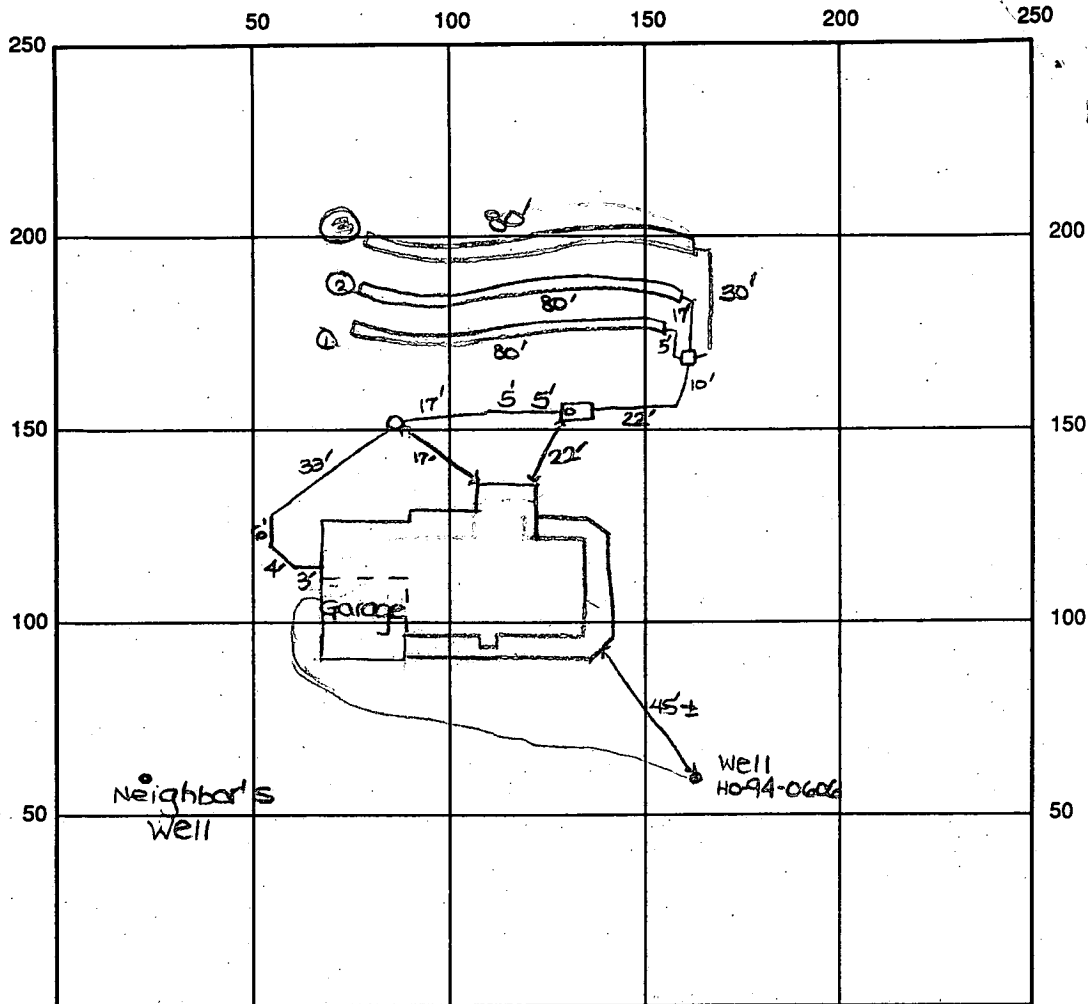
**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

HD-260(6-90)  
VR

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

**OLD PERMIT SIGNED  
AND RETURNED 4-22-98**  
Serial # B19111778

A  
49064



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Emmaus Road

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS one in line, one on s.t.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 6.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH ① 80' ② 80' ③ 80' → 240' total

NUMBER OF TRENCHES 3 ~~ONSIDEWALL~~ BOTTOM AREA 720 SQ. FT.

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

ABSORBENT AREA 720 SQ. FT.

REMARKS: 6/5/96 OK to cover from house to d.b. and 1st trench.

OK to continue work. DKS

6/6/96 FINAL - OK to cover all work. DKS

DATE SYSTEM APPROVED 6/6/96

INSPECTOR Thomas J. Joe

# APPLICATION

PERCOLATION TESTING

A 49064

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 SCHROTER Firetti construction group, Inc.

ADDRESS 1245 MORGAN STATION RD. PHONE 301 954 6217

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

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

PROPERTY LOCATION:

Lot 18 18 on signed plat  ON PERC PLAT

SUBDIVISION Walnut Springs LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION EAST OF MORGAN STATION RD. SOUTH OF R. 70  
1243 Emmaus Road.

TAX MAP 8 PARCEL # 3B

**BLDG. PERMIT SIGNED AND RETURNED** 4-30-96  
Serial # 64627

SIZE OF LOT ± 44,800 TYPE BLDG. SINGLE FAMILY - 4 Brms  
(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.

[Signature] (Boender Assoc.)  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING HOLD FOR PLAT - PERC OK MR 6/3/93

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

A49064

COUNTY #

Lot 21  
SOIL PROFILE  
③ ④ ②

Red brn clay & silty  
15% frags

4 1/2

brn sa lm

25-30% frags

↑ w/depth

11-11 1/2

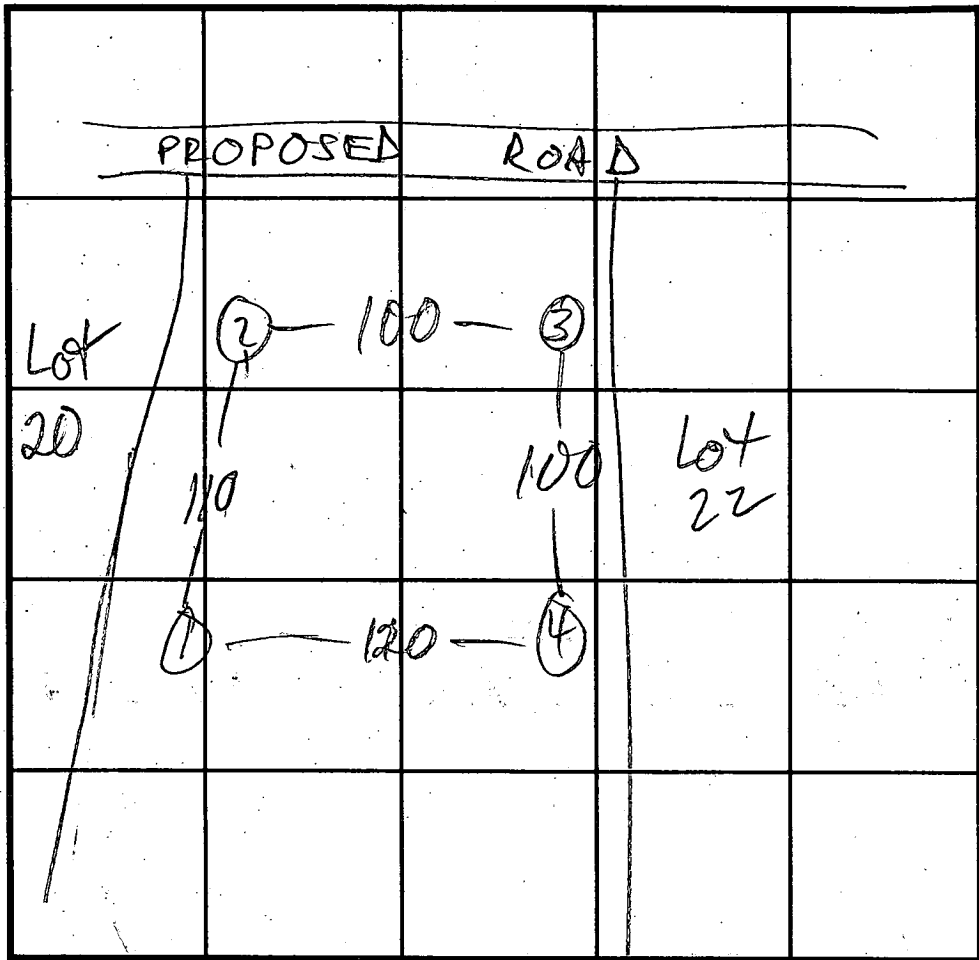
①  
brn sa cl lm

4 1/2

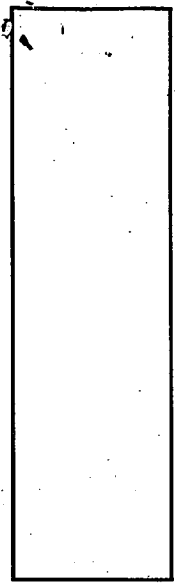
brn sa lm

15% frags

13



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

| DATE    | TEST NO. | DEPTH   | PRE-WET     |      | TEST - 1" DROP |      | TIME  |
|---------|----------|---------|-------------|------|----------------|------|-------|
|         |          |         | START       | STOP | START          | STOP |       |
| 5/13/93 | 3S       | 4 1/2   | 3:47        | 3:49 | 3:49           | 3:55 | 6     |
|         | 3V       | 11 3/4" | see profile |      |                |      |       |
|         | 4S       | 3 1/2   | 4:01        | 4:14 | SLOW           | 1/2" |       |
|         |          | 4 1/2   | 4:16        | 4:25 | SLOW           | 1/2" |       |
|         | 4V       | 5 1/2   | 4:28        | 4:30 | 4:30           | 4:34 | 4 EST |
|         |          | 11 1/2  | see profile |      |                |      |       |
|         | 1S       | 5 1/2   | 3:30        | 3:34 | 3:34           | 3:40 | 6     |
|         | 2V       | 13      | see profile |      |                |      |       |
|         | 2S       | 5 1/2   | 3:43        | 3:52 | 3:52           | 3:56 | 4     |
|         | 2V       | 11      | see profile |      |                |      |       |
|         |          |         |             |      |                |      |       |
|         |          |         |             |      |                |      |       |

REMARKS ALL HOLES PER RED LINE PLAN

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

TESTED BY M. Ripkin ALSO PRESENT Fyock (Crew)

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5 TRENCH WIDTH 3

INLET DEPTH 4 1/2 MAXIMUM BOTTOM DEPTH 6 1/2 SQ. FT./BEDROOM 180

C1 2765 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 A 49064

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

DATE WELL COMPLETED 08/1/95 Depth of Well 445 FROM "PERMIT TO DRILL WELL" 40-94-0606

OWNER Schroyer last name Chas. first name STREET OR RFD Emmons Rd TOWN Lisbon SUBDIVISION WALNUT SPRINGS SECTION LOT 18

WELL LOG table with columns for DESCRIPTION, FEET (FROM, TO), and check if water bearing. Entries include Brown Shale 0-59 and Blue Rock 59-445.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS 23, NO. OF POUNDS 2162, GALLONS OF WATER 138, DEPTH OF GROUT SEAL 35 ft.

CASING RECORD: casing types insert appropriate code below (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter top (main) casing 6, Total depth of main casing 63 ft.

OTHER CASING (if used) table with columns for diameter and depth.

SCREEN RECORD: screen type or open hole (ST, BR, HO, PL, OT), SLOT SIZE 1, 2, 3, DIAMETER OF SCREEN.

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

CIRCLE APPROPRIATE LETTER: 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...

TYPE: MWD/MSD/MGD 24, DRILLERS LIC. NO.

DRILLERS SIGNATURE (Joseph L. Mayne)

LIC. NO. 27, DRILLERS SIGNATURE (Larry Mayne)

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

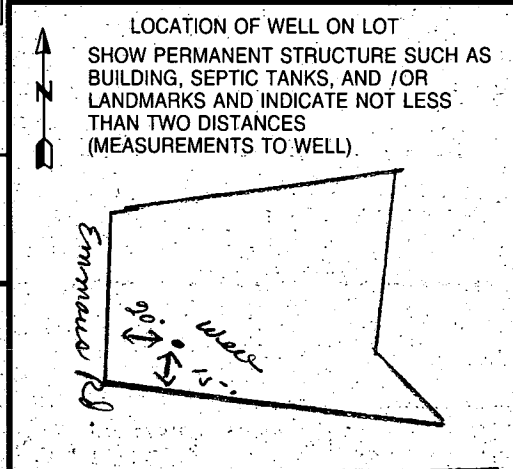
DEPTH (nearest ft.) table with columns 1-51, entries 61, 445.

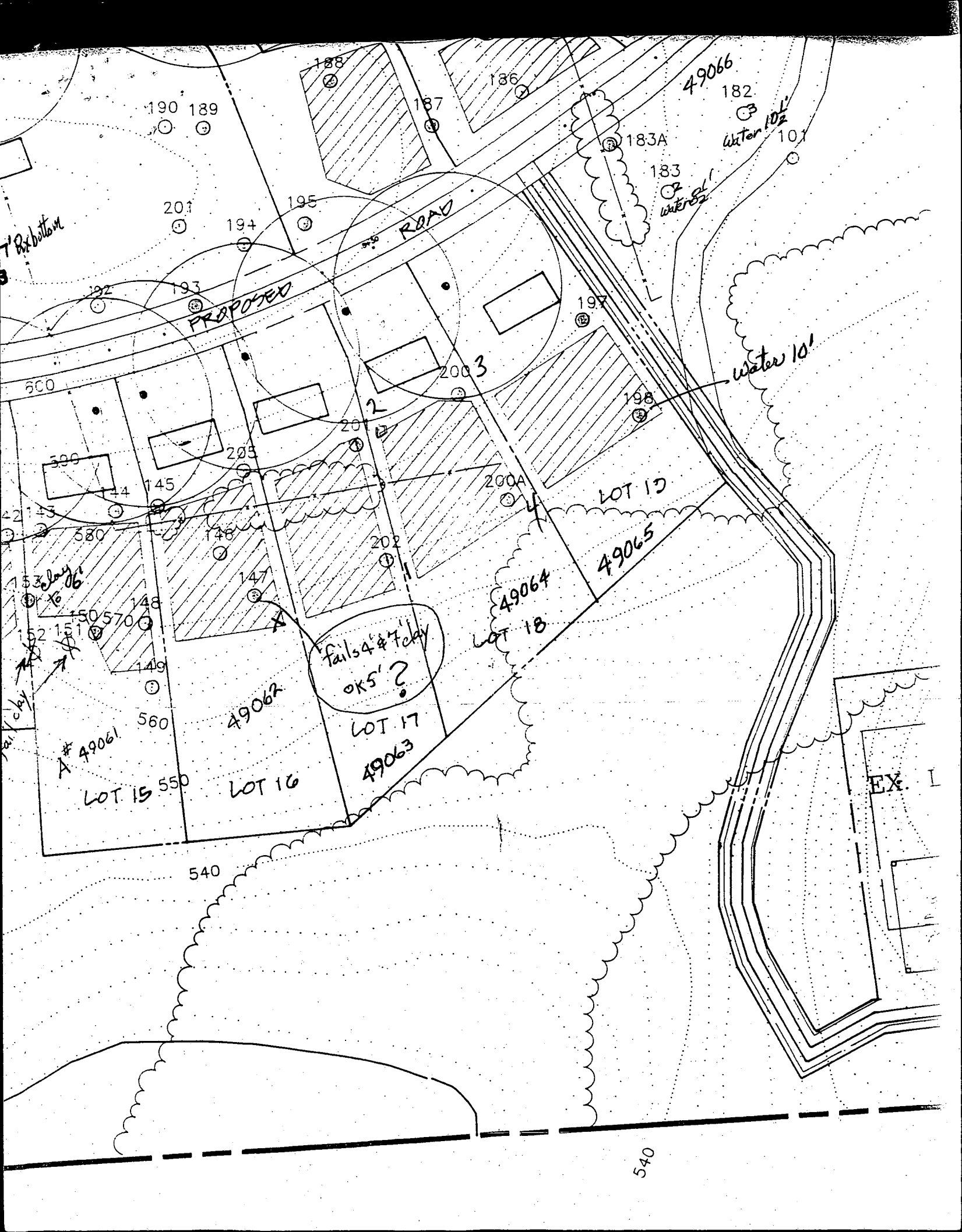
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.), W Q (74, 75, 76), TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 4 gal. per min., METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL 48 ft. BEFORE PUMPING, 349 ft. WHEN PUMPING, TYPE OF PUMP USED (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 29, CAPACITY GALLONS PER MINUTE (to nearest gallon), PUMP HORSE POWER, PUMP COLUMN LENGTH (nearest ft.), CASING HEIGHT (+ above, - below) LAND SURFACE 2 ft. (nearest foot).





7 Bottom

PROPOSED

ROAD

49066

water 10'

water 10'

LOT 13

49065

49064

LOT 18

fails 4' & 7' clay  
OK 5' ?

LOT 17

49063

49062

LOT 16

A# 49061

LOT 15

EX. I

540

540

EMMAUS ROAD

ROAD

R=1125.01'

THIS WELL LOCATION APPROXIMATE

1-50

1250 Gal. Septic Tank  
Inv. In. 576.00  
Inv. Out. 575.70

Distribution Box  
Ex. Grd. 580.0  
Inv. In. 575.5

1.07 19

Approved Septic System Plan  
Howard County Health Department

Mark E. Atkins 4/30/96  
Signature LBP 64627 Date

| No. | REVISIONS  | DATE    |
|-----|--|---------|
| 1.  | Proposed Silt Fence, Septic Tank, Dist. Box and Septic Trenches relocated per Ho. Co. Health Dept. Comm. | 4-20-90 |

CLARK • FINEFROCK & SACKETT, INC.

ENGINEERS • PLANNERS • SURVEYORS

7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH.

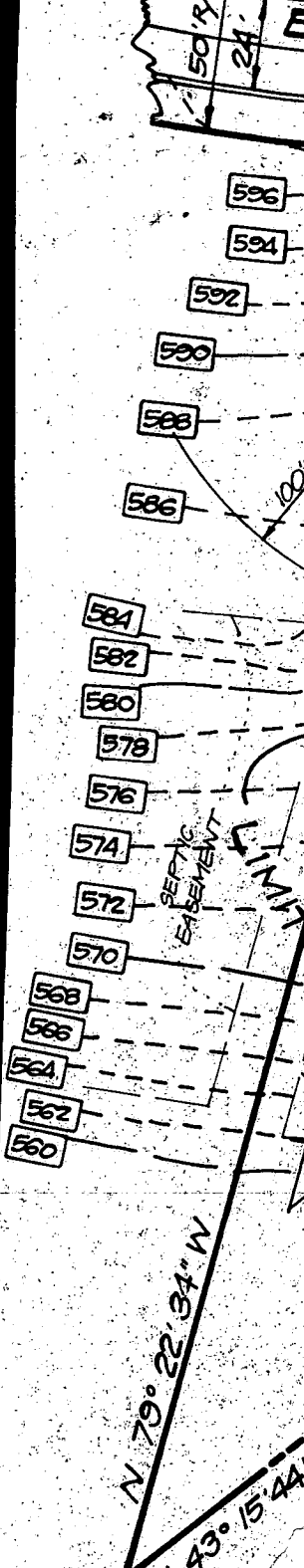
SITE DEVELOPMENT SEDIMENT AND EROSION CONTROL PLAN

LOT 18

WALNUT SPRINGS

SCALE AS SHOWN DRAWING 1 OF 1

SIGNED JME KJWM AWN BAL



JEFF BRISTER  
1243 EMMAUS RD  
WOODBINE, MD 21797  
410-489-6756

