

3/22/89 1 PM
3/23/89 10:30

6-2-89
MM

05-404959

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 43743

A 37890

DISTRICT _____

DATE 3/6/89

DATE SYSTEM APPROVED 3/23/89

INSPECTOR M. R. F. King

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

Frail Septic Service IS PERMITTED TO INSTALL X ALTER _____

ADDRESS P. O. Box 659, Mt. Airy, Maryland 21771 PHONE 795-5674

SUBDIVISION Rea Property ROAD 5105 Sheppard Lane LOT 1

PROPERTY OWNER Kerwin Miller

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES X NO _____

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 5

TRENCHES - 256 sq. ft. per bedroom with garbage disposal. Trench to be 2 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 8.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the first trench 230 feet from the front (310') lot line and 155 feet from the left lot line as seen when facing the lot from Sheppard Lane. Run trenches on contour toward front and back lot line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. o/c/w

PLANS APPROVED BY Sid Abel DATE 11/15/88

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.

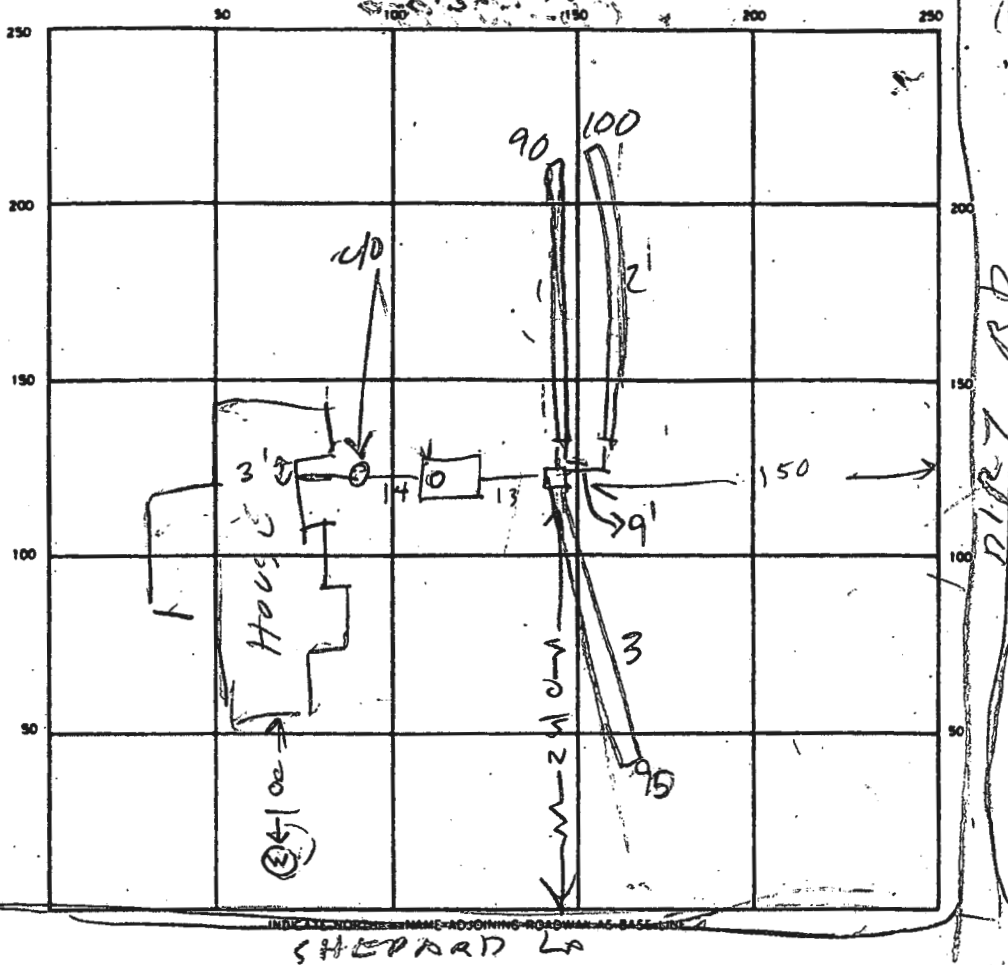
- NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS
- NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)
- NOTE: IF DEEP TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES
- 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 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 PVC 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 SYSTEMS.

A 37890

5105 SHEPPARD LANE



SEPTIC TANK LEVEL 200.00 CLEANOUTS ST / HOUSE SEWER
OK / OK
DISTRIBUTION BOX LEVEL OK
DRAIN FIELD/TILE FIELD DEPTH 8.5 / 8.5 / 8.5 TRENCH WIDTH 2 FT. INLET DEPTH 4.5 FT.
EFFECTIVE GRAVEL DEPTH 4.0 / 4 / 4 FT. TOTAL LENGTH 90 / 100 / 95 FT. NEED 285'
NUMBER OF TRENCHES 3 ONE SIDEWALL BOTTOM AREA 360 / 400 / 380 SQ. FT.
DRYWELL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

REMARKS 3/22/89 - LOCATION OK. TRENCH #1 DUG 95' LONG
TANK SET R.H. 3/22/89 TRENCH #1 FINISHED DIGGING STARTED ON
TRENCH #2 R.H. 3/23/89 TRENCH #2 IN PROCESS OF
STONE TRENCH #3 DUG, NEED 5' ADD'L LINEAR ON #3, OK TO
FINISH & COVER 6/7/89 HOUSE CONN OK MR

DATE SYSTEM APPROVED 6/7/89 INSPECTOR M. Rifkin

Rea Property

A 37890

SUBDIVISION: ~~SHEPPARD III~~

LOT NUMBER: 1

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

210 sq. ft./bedroom

Trench to be 2 wide.

Inlet 4.5 feet below original grade.

SBC/BA

Bottom maximum depth 8.5 feet below original grade.

Effective area begins at 4.5 feet below original grade.

4 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: PLACE THE FIRST TRENCH 230 FE FROM THE FRONT (310) LOT LINE AND 155 FE FROM THE LEFT LOT LINE AS SEEN WHEN FACING THE LOT FROM SHEPPARD LINE. RUN TRENCHES ON CONTOUR TOWARD FRONT AND BACK LOT LINE. S. AND 11/15/88