

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

P 39135

A 36318

DISTRICT 5th

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

DATE 4/15/87

DATE SYSTEM APPROVED 4/28/87

INSPECTOR Shul

{ I.C.O.P.  
Time expired }

Whitworth Excavating

IS PERMITTED TO INSTALL  ALTER

ADDRESS 12680 Clarksville Pike, Clarksville, MD 21029 PHONE 531-5033

SUBDIVISION Grewell Estate ROAD 11405 Route 216 LOT \_\_\_\_\_

PROPERTY OWNER Bruce Grewell

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS \_\_\_\_\_

TRENCHES - 800 TOTAL SQ. FT. FOR "POLE" BARN ~~100 FT. TRENCH REQUIRED~~. TOTAL TRENCH REQUIRED 1465  
Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 1/2 feet  
Effective area begins at 3 feet below original grade. 5 1/2 feet of stone below distribution pipe.

LOCATION - Septic tank not to be under future paved areas. In line cleanouts should be provided both sides of paved areas and as needed. Place trench 220 feet off the (279.97 & 558.01') lot corner and 570 feet off the 558.01 & 461.16') corner as seen when facing property from the future barn site. Run trenches along contour towards the left part of property.

NOTE - Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY B. Nixon DATE 3/3/87

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 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 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.

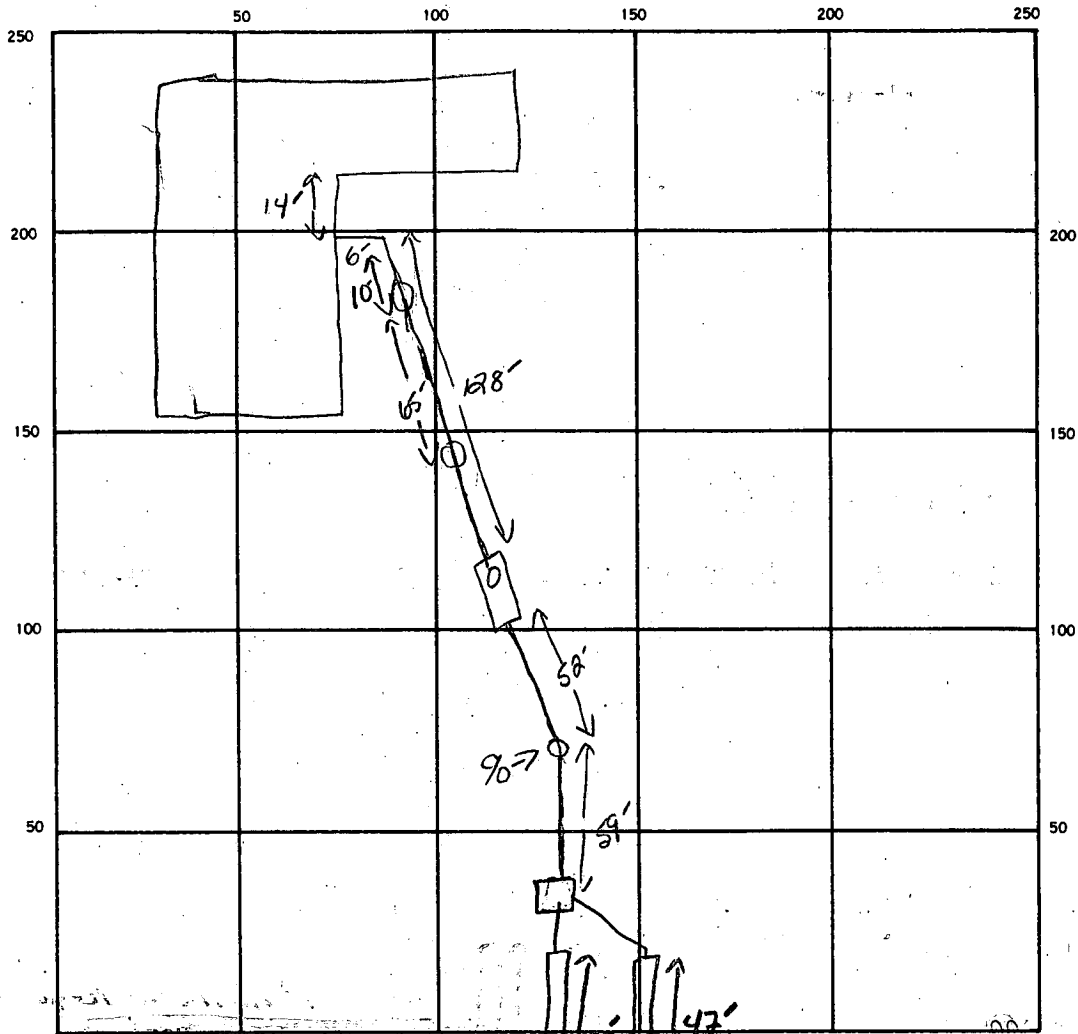
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

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

EH - 2-1186

A 36318



$$\begin{array}{r}
 23 \\
 147 \\
 \underline{55} \\
 735 \\
 \underline{735} \\
 808.5
 \end{array}$$

SEPTIC TANK LEVEL ✓ 12000 GAL CLEANOUTS ST + INLINE X 3

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TILE FIELD. DEPTH 8.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH ① 5.5 ② 5.5 FT. TOTAL LENGTH ① 100 ② 47 TOTAL 147 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 808.5 SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 808.5 SQ. FT.

REMARKS \_\_\_\_\_

DATE SYSTEM APPROVED 4-28-87 INSPECTOR S. Abel