

5/15/01  
PM  
5/16/01 Am Bed Insp  
7/9/01 Pump Test  
2:00

# PERMIT

**SEWAGE DISPOSAL SYSTEM**  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
410-313-2640

515026  
P 515219  
A 59887-A  
ISSUE DATE 4/27/2001  
APPROVAL DATE 7/10/01

INDEXED

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL  ALTER

ADDRESS 580 Obrecht Road, Sykesville, MD 21784 PHONE 410-795-5670

UBDIVISION Dillon Property LOT NUMBER 6/7 ADDRESS 13199 Highland Road

PROPERTY OWNER Winthorpe Developers PROPERTY OWNER'S ADDRESS PO Box 223, Highland 20777

SEPTIC TANK CAPACITY 1500 GALLONS

PUMP CHAMBER CAPACITY \_\_\_\_\_ GALLONS

NUMBER OF BEDROOMS 3

05-407842

SQUARE FEET PER BEDROOM \_\_\_\_\_

LINEAR FEET OF TRENCH REQUIRED \_\_\_\_\_

TRENCHES: Trenches to be \_\_\_\_\_ feet wide. Inlet \_\_\_\_\_ feet below original grade. Bottom maximum depth  
\_\_\_\_\_ feet below original grade. \_\_\_\_\_ feet of stone below distribution box.

LOCATION: SAND MOUND SEPTIC SYSTEM ONLY.

See approved sand mound design plans for system specifications.

PLANS APPROVED Amy McMillen/Mark Rifkin DATE 1/31/2001

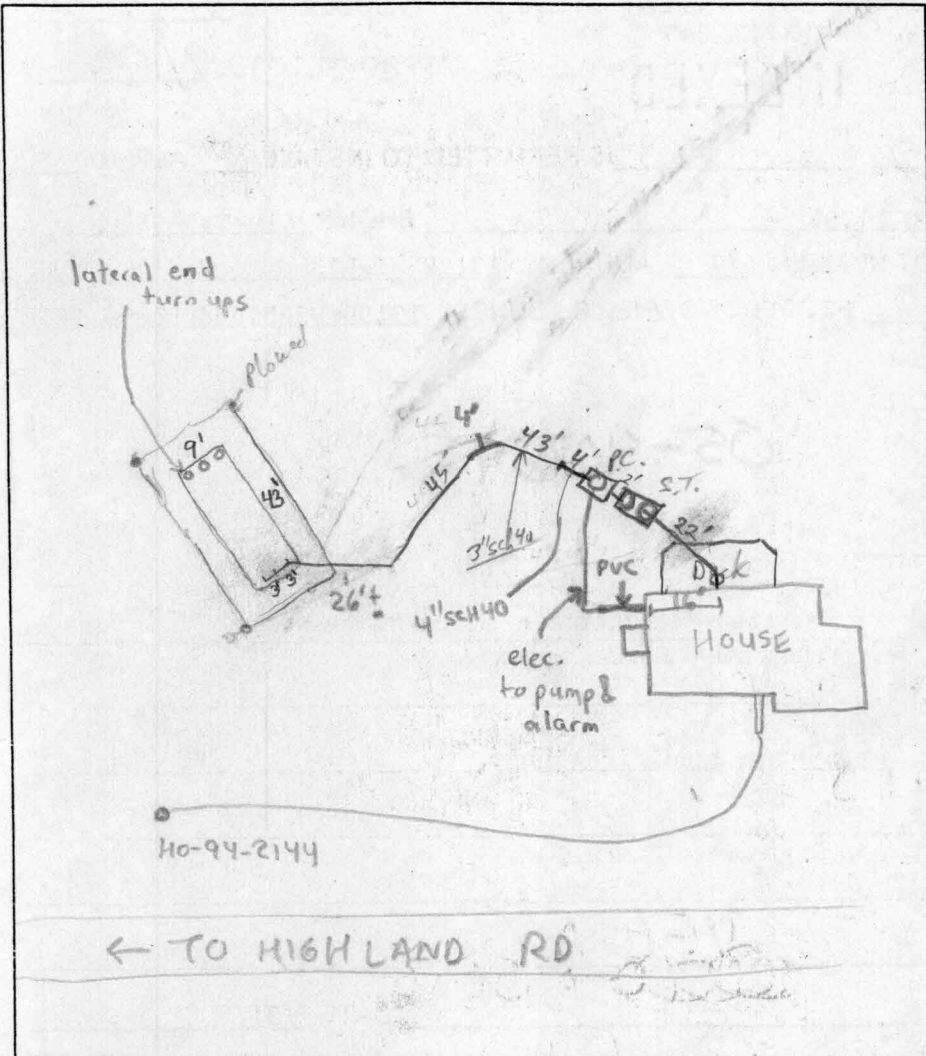
PERMIT VOID AFTER 2 YEARS

- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS ARE NOT ACCEPTABLE
- NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS OTHERWISE SPECIFICALLY AUTHORIZED
- NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED
- NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES
- NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE  
SUCCESSFUL OPERATION OF ANY SYSTEM  
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

515026

NOT TO SCALE



**TRENCH DATA**

Sand Mound Bed  
 TRENCH WIDTH 9' Length 42'  
 Bed Area = 378 sq ft  
 TRENCH INLET DEPTH \_\_\_\_\_  
 Sand Mound Dimensions = 71' x 38' OK  
 TRENCH BOTTOM DEPTH \_\_\_\_\_  
 DEPTH OF STONE \_\_\_\_\_  
 NUMBER OF TRENCHES \_\_\_\_\_  
 TOTAL TRENCH LENGTH \_\_\_\_\_  
 ABSORBENT AREA \_\_\_\_\_  
 DISTRIBUTION BOX LEVEL \_\_\_\_\_  
 BAFFLE IN DISTRIBUTION BOX \_\_\_\_\_

**SEPTIC TANK DATA**

SEPTIC TANK 1500 TS <sup>2 chambered</sup> GALLONS  
 3-BAFFLES on front & on rear  
 MANHOLE RISER \_\_\_\_\_  
 6 INCH INSPECTION PORT NA

**PUMP CHAMBER DATA**

PUMP CHAMBER GALLONS 1250 TS.  
 MANHOLE RISER on center  
 ALARM OPERATIONAL  
 PUMP PERFORMANCE TEST

PRE-CONSTRUCTION INSPECTION: 5/10/01 OK to set tanks up pre-const all

Layout OK - Sand Being Delivered waiting to place, corners of ST + Bed staked OK, PIP 5/11/01

INSPECTION COMMENTS: Septic Tanks + PC set (Rock (large, platy sandstone) from 1' below grade to Bottom (Solid Rock bottom 2 1/2 ft) House Connection OK (Need Baffle & Manhole risers yet). Sand Mound Site was checked placed OK, reddish concrete Sand delivered (looks OK per uniformity & size particle size). OK to continue PIP 5/11/01

5/14/01-SAND BEING DELIVERED AND BED CONSTRUCTED / GRADED (SRW) 5/15/01

Gravel bed almost finished. Manifold installed. Laterals drilled correctly. (BB)

Bed covered w geo textile fabric - OK to place cap and Topsoil cover to finish ST Construction. PIP 5/16/01

Alarm OK, But No water rise @ Turbidity and pipes when pumping - Needs a high pump to get @ least 2 ft Head pressure there. PIP 7/10/01

INSPECTOR Steven R. Krieg DATE SYSTEM APPROVED 7/10/01

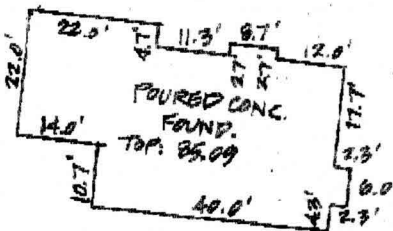
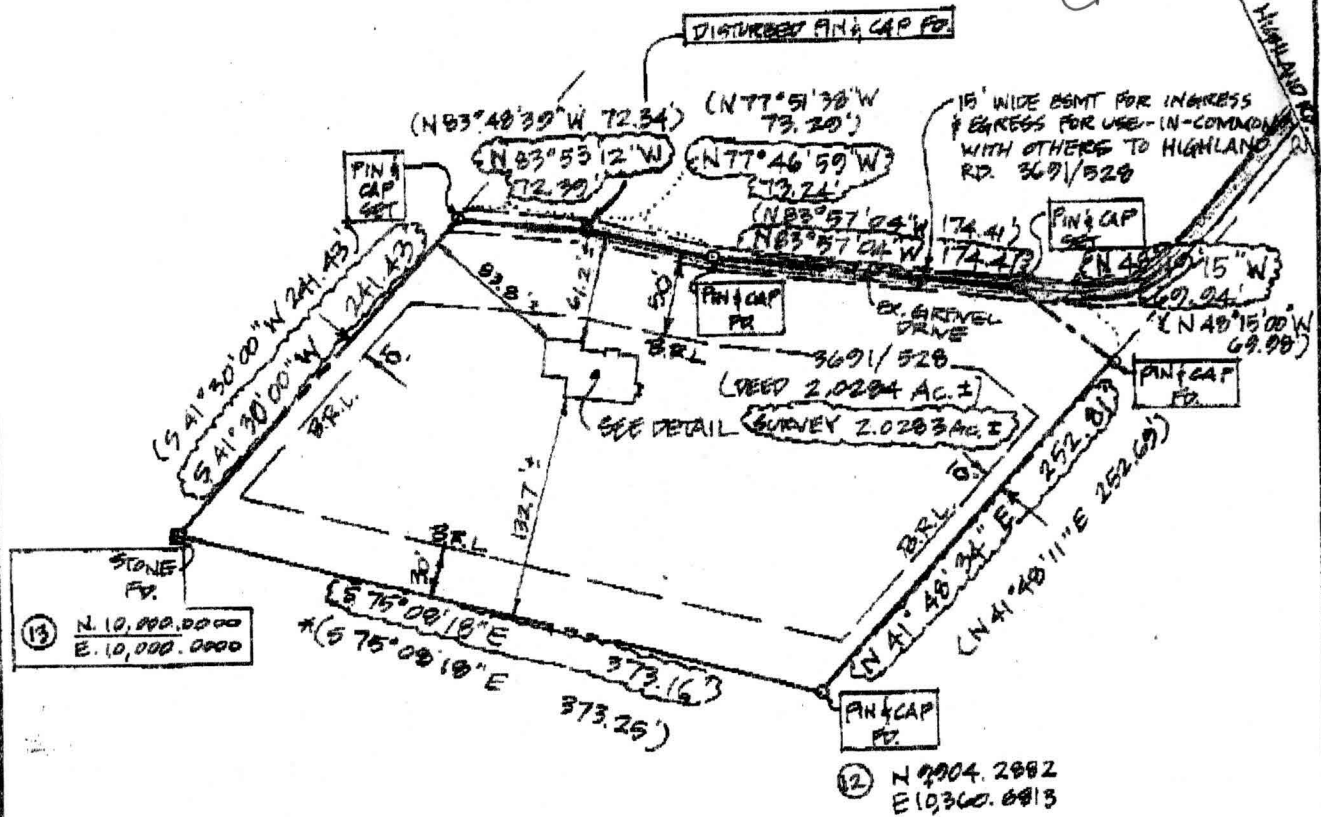
7/10/01 - WATER FLOWING OUT OF LATERAL END TURN UPS - (SRW) i.e. plugged OK

**NOTES:**

1. BASIS FOR BEARINGS SHOWN ON THIS PLAT:  
BEARING OF 1ST DEED LINE 369/528  
\*S 75° 08' 18" E HELD BETWEEN STONE (13)  
AND PIN & CAP (12).
2. BASIS FOR COORDINATES USED IN THIS SURVEY:  
ASSUMED COORDINATE VALUE 10,000, 10,000 - STONE (13)
3. (S 41° 30' 00" W 241.43) DESIGNATES DEED BEARING & DISTANCE
4. (S 41° 30' 00" W 241.43) DESIGNATES SURVEY BEARING & DISTANCE
5. ACCURACY OF BUILDING MEASUREMENTS: 0.1'
6. ACCURACY OF SETBACK DIMENSIONS: 0.2'
7. ACCURACY OF ELEVATIONS: 0.5'
8. ELEVATIONS SHOWN HEREON ARE BASED ON  
AN ASSUMED ELEVATION OF 100.00 ON TOP OF EXISTING WELL.
9. THE B.R.L.'S SHOWN HEREON ARE BASED ON HOWARD COUNTY  
ZONING REGULATIONS SECTION 105(E)(4)(b).

THE PROPERTY SHOWN HEREON  
LIES IN ZONE C AS SHOWN ON  
FLOOD INSURANCE RATE MAP  
NO: 240044 0028  
DATED: DECEMBER 4, 1986

*4/15/01  
Not to scale  
Builder to mail  
scated  
drawing  
All*



DETAIL  
1"=30'



I HEREBY CERTIFY THAT I HAVE LOCATED  
THE IMPROVEMENTS AS SHOWN.

BOUNDARY SURVEY & FOUNDATION LOCATION DRAWING  
T. J. ON BEACON