

2/20/01
Layout AM
2/22/01
Noon

PERMIT

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

P 514925

A 39913

ISSUE DATE 2/7/01

APPROVAL DATE 2/26/01

INDEXED

K & K Excavating IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 14960 Frederick Road, Woodbine, MD 21797 PHONE 410-442-1336

SUBDIVISION Twelve Hills ^{GOTTLIEB} LOT NUMBER .37 ADDRESS 14004 Twelve Oaks Court ^{OSHELM}

PROPERTY OWNER Selfridge Builders PROPERTY OWNER'S ADDRESS 14045 Gared Drive

SEPTIC TANK CAPACITY 1250 GALLONS ** WATER TIGHT SEPTIC TANK REQUIRED **

PUMP CHAMBER CAPACITY N/A GALLONS

NUMBER OF BEDROOMS 4

SQUARE FEET PER BEDROOM 180

LINEAR FEET OF TRENCH REQUIRED 240

RPST# 410762

TRENCHES: Trenches to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth

5 feet below original grade. 2 feet of stone below distribution box.

LOCATION: Beginning at the right ~~front~~ lot corner as seen when facing the lot from Twelve

Oaks Court, place the distribution box 145 feet down the ~~right~~ (489.95') lot line and 180 feet off the same lot line. Run trenches on contour toward the front lot line.

Suggested layout: 55', 90', 95' 12/6/00 OK (BB)

To His Honor the soil in trench #4, plus the other trench #2 & 4. Head to 1 about all good soil, Tr 2 70% good soil, Tr 3 was 50% good soil bottom but Tr 4 was 100% on clay loam soil but because of poor contour he is almost 6 1/2 - 7' deep at one end & 5' deep at other end. OK If this system doesn't last at least 10 yrs, Next Sanitarian should ensure all trench bottom penetrates into sandier soil or design system on appropriate slope per notes. RPP 2/22/01

PLANS APPROVED Mark E. Rifkin, R.S. DATE 12/4/2000

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

BUILDING PERMIT SIGNED

AND RETURNED

NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED

5/29/03 B00142136 DECK

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

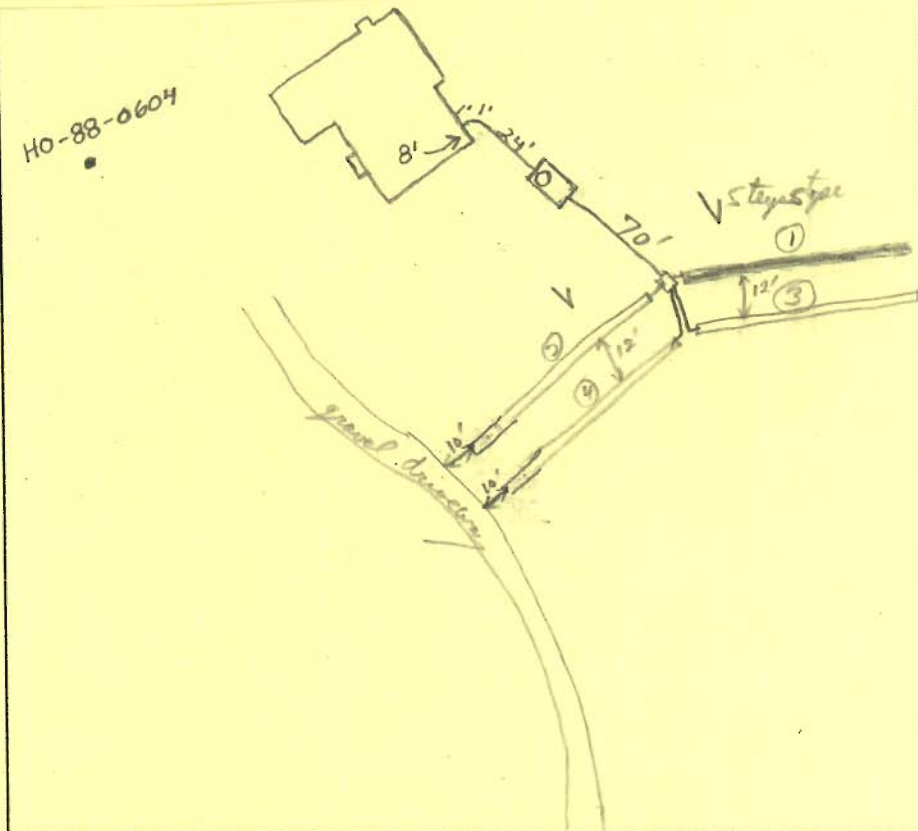
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

514925

17004 Twelve Oaks Court
Twelvethill lot 37

I called & left Message with Silvia to give
to Ketterman to do No More work
out there until he called Me.
this concerns trencher dig into clayier
Soil than should have been.
(see My Material file)

RPP/ML
2/22/01



TRENCH DATA

TRENCH WIDTH 3'
TRENCH INLET DEPTH 3'
TRENCH BOTTOM DEPTH 5'
DEPTH OF STONE 2'
NUMBER OF TRENCHES 4
TOTAL TRENCH LENGTH 280
K3 = 61', ② = 83', ④ = 75'
ABSORBENT AREA 2
DISTRIBUTION BOX LEVEL ☒
BAFFLE IN DISTRIBUTION BOX ☒

SEPTIC TANK DATA

SEPTIC TANK 1500 TS GALLONS
MANHOLE RISER 3/4 OK
6 INCH INSPECTION PORT NA
11" Baffles

PUMP CHAMBER DATA

N/A
~~PUMP CHAMBER GALLONS~~
~~MANHOLE RISER~~
~~ALARM~~
~~PUMP PERFORMANCE TEST~~

Twelve Oaks Court

PRE-CONSTRUCTION INSPECTION: 2/20/01 To run four sixty foot trenches from the
middle of easement and try to conserve area in upper corner. (BB)

INSPECTION COMMENTS: 2/20/01 Tank set. First trench started. (BB) stop all work 2/22/01

First 2 trenches correct, 3rd trench gravelled but not piped, 4th trench open (bottom all way still in gravelly clay loam soil)
Steady, working (K&K planning books) From Trenching Spore these trenches are in clay loam soil. Not sandy loam soil of pure tests.
Hardest deeper Trench into sandy loam or pure this sandy loam soil and dirt through extra trench (≈ 160 LF more) to compensate
for down penetrating of clay loam soil. RPP 2/22/01 extension of 244 OK (getting into sandier soil), Soil Box OK. R/P 2/26/01
OK to Cover soil w/ R/P

WPI - Pit less OK @ 4', rest of inop Not Ready RPP 2/22/01

INSPECTOR RPP/ML DATE SYSTEM APPROVED 2/26/01

GENERAL NOTES

1. Septic system subject to Howard County Health Department No.
2. Proposed 1500 gallon septic tank.
3. A. First Floor Elevation: 476.50
B. Basement Elevation: 467.50
C. Invert of septic system at house: 465.00
D. Invert in at septic tank: ~~457.00~~ 457.00
E. Invert out at septic tank: ~~456.70~~ 456.70
F. Proposed grade over septic tank: ~~460.00~~ 460.00
G. Invert at distribution box: 453.00
H. Existing ground over distribution box: 456.00
4. Length of trench to be determined at time of septic permit issuance.
5. Contractor /Builder to verify elevations in field before beginning any construction.

