

LAYOUT 5/1/02 11:00 INSP 4 _____
INSP 2 5/3/02 2:30 INSP 5 _____
INSP 3 5/7/02 1:30 INSP 6 _____

ISSUE DATE: 4/22/2002

APPROVAL DATE: 5/7/02

**PERMIT
INDEXED**

P 516942

A 510571M

**ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH**

*RPS#
337227*

South Carroll Backhoe IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 4410 Salem Bottom Road, 21157 PHONE NUMBER: 410-875-4197

SUBDIVISION: Brantwood 3/1 LOT NUMBER: 12

ADDRESS: 3044 Seneca Chief Trail PROPERTY OWNER: NV Homes

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED ☐

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED ☐

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 240

TRENCHES:	Trench to be 3.0 feet wide. Inlet 2.0 feet below original grade. Bottom maximum depth 4.0 feet below original grade. Effective area begins at 2.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Run trenches on contour. From Seneca Chief Trail, place the distribution box 14' from the right lot line and 158' from the front lot line.
NOTES:	Basement service by gravity is proposed. <i>3 = 80' trenches preferred</i>

PLANS APPROVED: FS ON SRN 2/5/02 DATE: 5/15/02

NOTE: PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

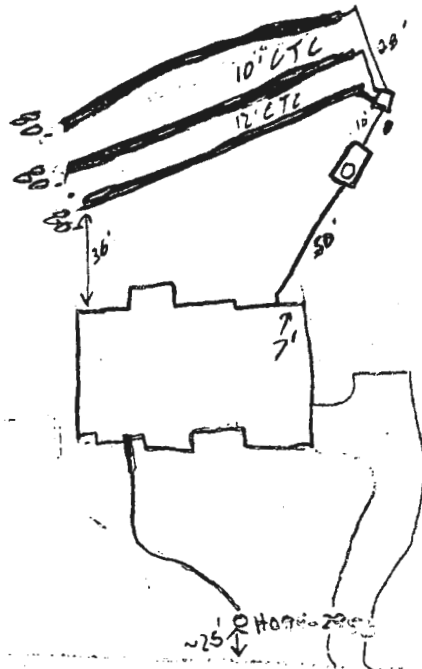
NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

**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
ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

4510571-M

NOT TO SCALE



SENECA CREEK TRENCH

TRENCH DATA

TRENCH WIDTH 2'
TRENCH INLET DEPTH 2'
TRENCH BOTTOM DEPTH 4'
DEPTH OF STONE 2'
NUMBER OF TRENCHES 3
TOTAL TRENCH LENGTH 240'
ABSORBENT AREA 720 sq ft
DISTRIBUTION BOX LEVEL ✓
BAFFLE IN DISTRIBUTION BOX ✓

SEPTIC TANK DATA

SEPTIC TANK 1250 gls GALLONS
MANHOLE RISER from 1
6 INCH INSPECTION PORT N/A

PUMP CHAMBER DATA

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

PRE-CONSTRUCTION INSPECTION: 5/1/02 Layout per B.P. except (3) 80' (50)

INSPECTION COMMENTS: 5/1/02 Tank set, ok to cover (50)
5/3/02 Tank flooded from rains yesterday. Two trenches installed ok to cover (50)
5/7/02 Tank re-set, trenches finished. OK to cover all work (50)

INSPECTOR

Steve Ostr

DATE SYSTEM APPROVED

5/7/02

Total linear feet of trench
required 240 feet

Width of trench(es) 3 feet

Depth of trench(es) 4 feet

Depth of stone required below
distribution pipe 2 feet

NOTES:

1. Existing Zoning: RC
2. Property address: ~~3044~~ Seneca Chief Trail
3. The Limit of Disturbance was approved under GPO2-34
4. The proposed driveway for this lot shall be a minimum of 10' wide, 6" crusher run with 2-1/2" macadam surface.
5. The topography shown assumes proposed contours from the FOI-67 plan are existing.
6. Driveway Entrance per Howard County Volume IV Standard Detail R 6.06.

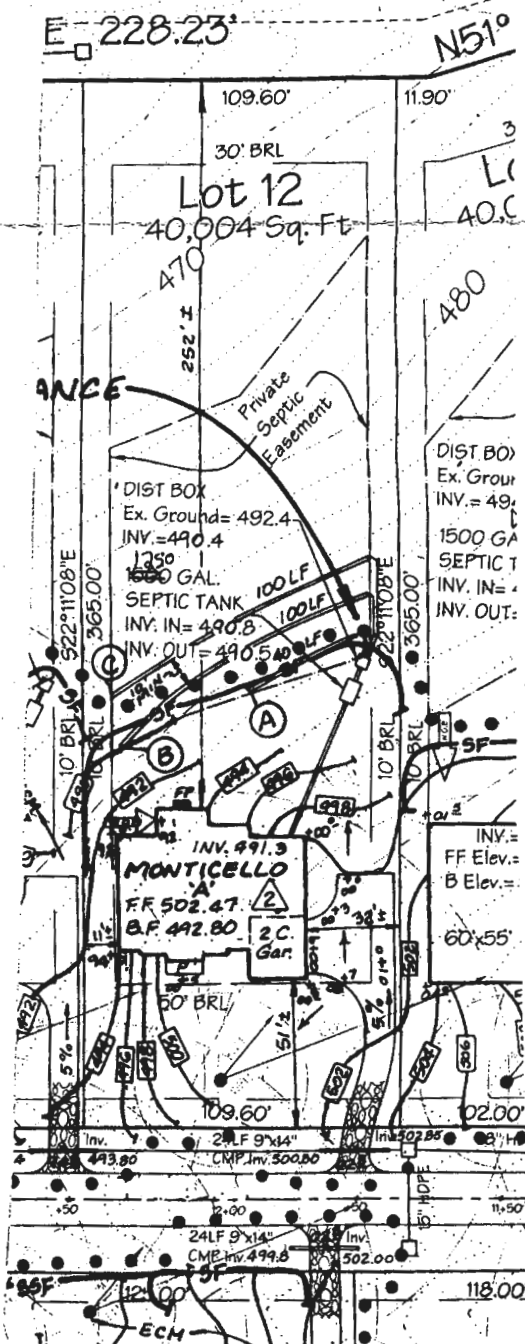
Gravity Basement
Service proposed

SEPTIC SYSTEM DESIGN DATA:

1. Invert at Foundation Wall: 491.3
2. 1500 Gallon Septic Tank (4 BR-Provide manhole to grade)
Existing Ground over Tank: 493.5
Proposed Grade over Tank: 493.5
Invert In: 490.8
Invert Out: 490.5
3. Distribution Box: (3 Outlets Minimum)
Existing Ground Over Box: 492.4
Proposed Grade Over Box: 492.4
Invert In: 490.4
4. Trench Design:
(Per Health Department Septic Specifications)
= 180 SF per Bedroom x 4 Bedrooms = 720 SF
= 720 SF ÷ 3 ft Trench Width
= 240 LF of Trench REQ.

	(A)	(B)	(C)
Ex. Ground over Trench:	491.00	489.00	487.00
Invert Trench:	489.00	487.00	485.00
Bottom Trench:	487.00	485.00	483.00
Length of Trench:	40 LF	100 LF	100 LF
Width of Trench:	3 Ft.	3 Ft.	3 Ft.

NOTE: Trench Design may be revised at time
of installation based on site conditions.



Approved Septic System Plan
Howard County Health Department
Plan O.K.
J. Sherr

LDE, Inc.

9250 Runsey Road, Suite 100
Columbia, Maryland

(410) 715-1070 - (301) 598-3424 - Fax (410) 715-9540

Signature

Title: REVISION A TO GPO2-34
BRANTWOOD SECTION 3 AREA 1
LOT 12

Date:
11/21/01

Drawn:
LDE

Scale:
1" = 50'

LDE Job No.:
01-043

Sheet:
1 OF 1