

LAYOUT 6/15/05 INSP 4 \_\_\_\_\_  
 INSP 2 6/17/05 INSP 5 \_\_\_\_\_  
 INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 3/24/2005  
 APPROVAL DATE: 11/1/05

P 522050  
 A 38587

# PERMIT

TAX ID #05-407273

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

Fogles Septic Clean, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS: 580 Obrecht Rd., Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: Twelve Hills LOT NUMBER: 24

ADDRESS: 13001 Twelve Hills Road PROPERTY OWNER: Patapsco Homes, Inc.

SEPTIC TANK CAPACITY (GALLONS): 1250 <sup>1500</sup> OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1250 <sup>1500</sup> COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 150 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box 60ft from the lot line along Linden Church Road and 190 ft from the lot line along Twelve Hills Road. Run the trenches toward Twelve Hills Road along contour.
NOTES:	ADDITIONAL 39 feet of trench to accommodate 3 BR specs <u>GAC</u>

PLANS APPROVED: DKS/KN Reviewed by: \_\_\_\_\_ DATE: 3/1/95

NOTES: PERMIT VOID AFTER 2 YEARS  
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
 WATERTIGHT SEPTIC TANKS REQUIRED  
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED  
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

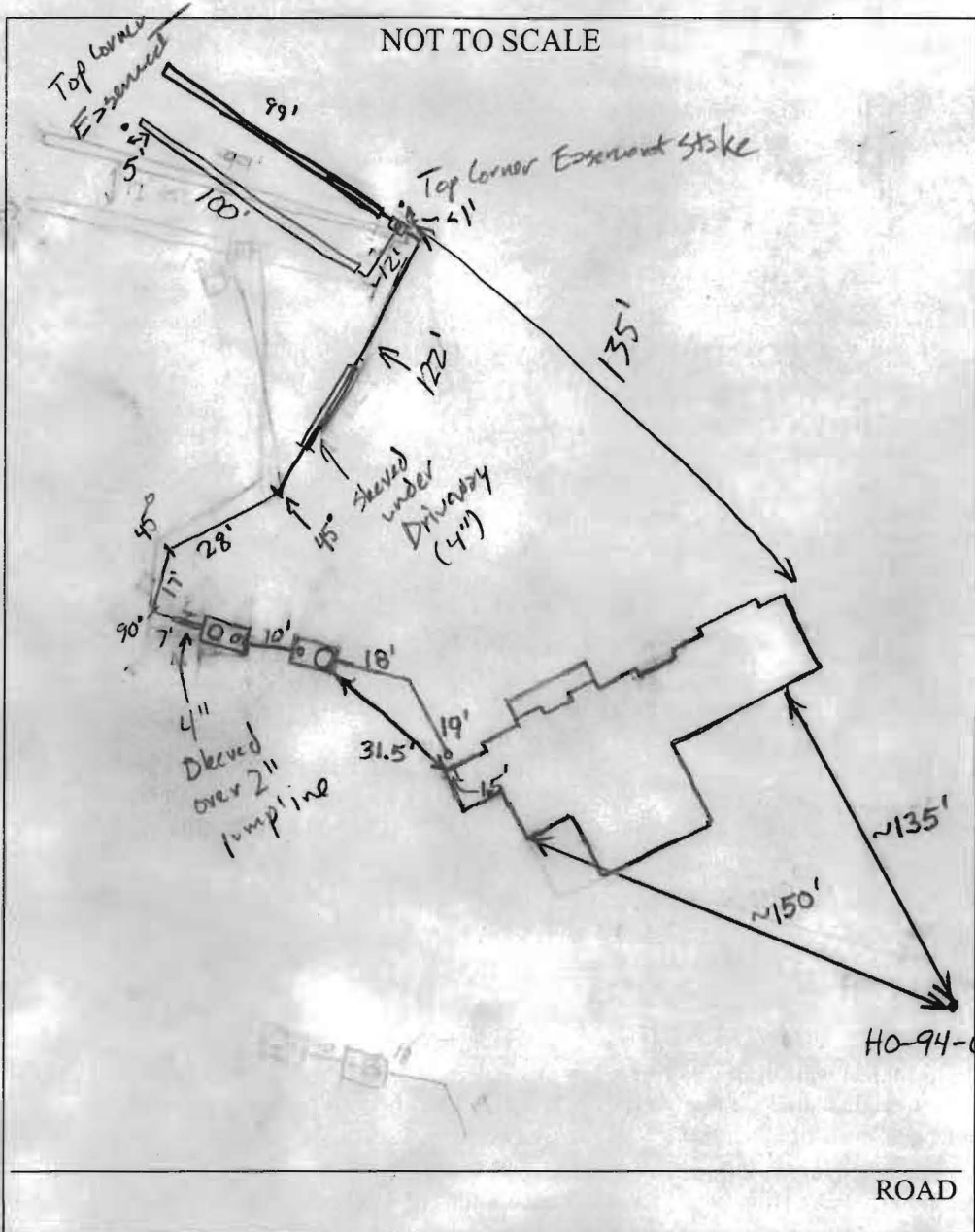
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

**BUILDING PERMIT SIGNED** 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM

**AND RETURNED**

8-9-05 B00155254-LP TANK

P 522050



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	3.5	5.5
NUMBER OF TRENCHES		2
TOTAL LENGTH		199'
ABSORPTION AREA		995
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Downturn 90°
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
2-Comp Capacity	1500 GAL
Babylon SEAM LOC	Top
TANK LID DEPTH	0'-2.5'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	Yes
CAPACITY	1500 GAL
Babylon SEAM LOC	Top
TANK LID DEPTH	1.5'-2.5'
BAFFLES	Front
BAFFLE FILTER	No
MANHOLE LOC	Rear
6" PORT LOC	Front
WATERTIGHT TEST	No

PRE-CONSTRUCTION 5/17/05 Tanks set. No one on site. Piles of dirt need to be removed from the septic easement before work

INSTALLATION can continue. Need house connection. (BB)

2x100' trenches best use spec. (6/15/05 GAC & BS) 6/17/05 2 trenches installed pump line etc. everything is good ok to cover. (need pump & alarm test)

still no SHC as near as I can tell. Trenches installed per instruction, i.e. on contour - ok to cover (GAC) 11/1/05 Pump & Alarm test ok. House Connection Done. (GAC)

BUILDING PERMIT SIGNED AND RETURNED

FINAL INSPECTOR Nathaniel A. Wright DATE OF APPROVAL 11/1/05

○ PROP. COR. NOT SET  
 ● PROP. COR. SET/FOUND

(23)

S83°58'37"E 458.95'

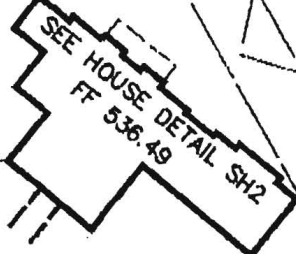
30' BRL

76'±

(24)

3.187Ac.

**TWELVE HILLS SECTION TWO LOTS 7 - 24**



232'±

60' BIL

148'±

20' DRAIN. & UTIL EASE.

130'±

HO-94-0394

60' BRL

N00°01'15"E 319.39'

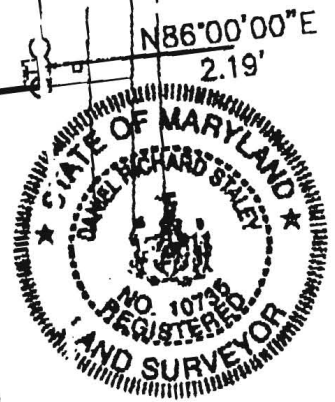
S83°58'37"E 198.43'

22' PAV

5380.00'R 189.96'

LINDEN CHURCH ROAD

N86°00'00"E 2.19'



This is to certify that I have surveyed the property shown hereon, known as Lot 24, Twelve Hills Section Two, located at 13001 Twelve Hills Road, in the 5th Election District of Howard County, Maryland for the purpose of locating the improvements only, and that the improvements are located (±) as shown hereon, and are not in a flood prone or flood hazardous area.

Daniel R. Staley 10735

I:\CAD\02815\98702\LD02-01.DWG, MAPL024SH1, 2005-02-25 12:34:09 PM, jfs

28 Map Block Parcel 66 Scale 1"=60'

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52 WINTERS STREET • WESTMINSTER, MARYLAND 21157  
 410-848-4060 • 410-876-6040 • FAX 410-876-7603

SHEET 1 OF

*3/24/05*  
*Wall Check OK*  
*(KJB)*

**GENERAL NOTES**

- Total area of property: 3.187 acres.
- Septic easement subject to Howard County Health Department review.
- Length of trench to be determined at time of septic permit issuance.
- Contractor/Builder to verify elevation in the field before beginning any construction.
- No wetlands currently exist on the property.
- For driveway entrance detail refer to Howard County Design Manual Volume IV Standard Detail R6.06.
- This area designates a private sewerage easement at least 10,000 square feet as required by the Maryland State Department of the Environment for individual sewerage disposal. Improvements of any nature in this area are restricted until public sewerage is available. These easements shall become null and void upon connection to a public sewerage system. The County Health Officer shall have the authority to grant adjustments to the private sewerage easement. Recordation of a modified sewerage easement shall not be necessary.
- The lot shown hereon complies with the minimum ownership width and lot area as required by the Maryland State Department of the Environment.
- Existing wells and/or sewerage easements within 100 feet of the property have been shown from the best available information.
- All house sites shown comply with minimum building restriction regulations.
- All wells shall be drilled prior to final plat recordation. It is the developer's responsibility to schedule the well drilling if the well drilling holds-up the Health Department signature of the record plat.
- The existing well shown on this plan (identified with the attached well tag number ex: H0-94-0394) has been field located by DRS & Associates professional land surveyor and is accurately shown.

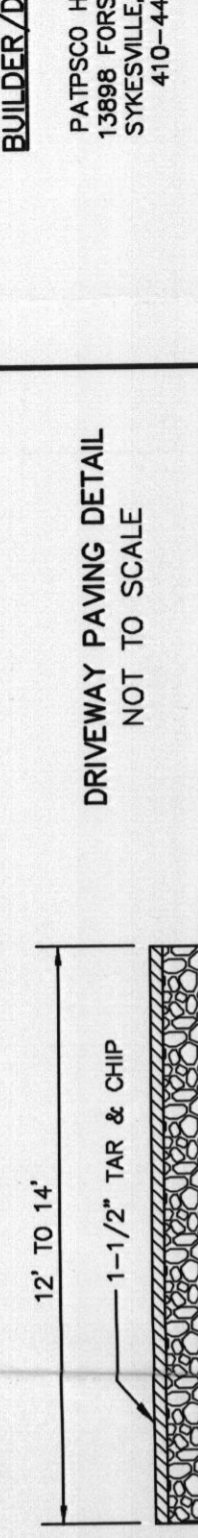
*Samuel N. Dick*  
 ENGINEER

**SEPTIC TEST LEGEND**

- PROPOSED PERC
- ⊙ APPROVED DEEP TRENCH PERC
- ⊕ APPROVED DEEP TRENCH OBSERVATION HOLE
- ⊖ APPROVED MODIFIED TRENCH PERC
- ⊗ APPROVED MODIFIED TRENCH OBSERVATION HOLE
- ⊘ APPROVED SAND MOUND PERC
- ⊙ APPROVED SAND MOUND OBSERVATION HOLE
- ⊚ APPROVED TILE FIELD PERC
- ⊛ APPROVED TILE FIELD OBSERVATION HOLE
- ⊜ FAILED PERC
- ⊝ FAILED OBSERVATION HOLE
- ⊞ NO TEST

**SEPTIC TEST RESULTS**

No.	TYPE TEST	COMMENTS	DATE
1	⊙	4m@5.5', 2m@9', OK TO 13'	1987-11-29
2	⊙	4m@6', OK TO 13'	1987-11-29
3	⊙	4m@4', WATER@12'	1987-11-29
4	⊙	3m@5.5', WATER@13'	1987-11-29

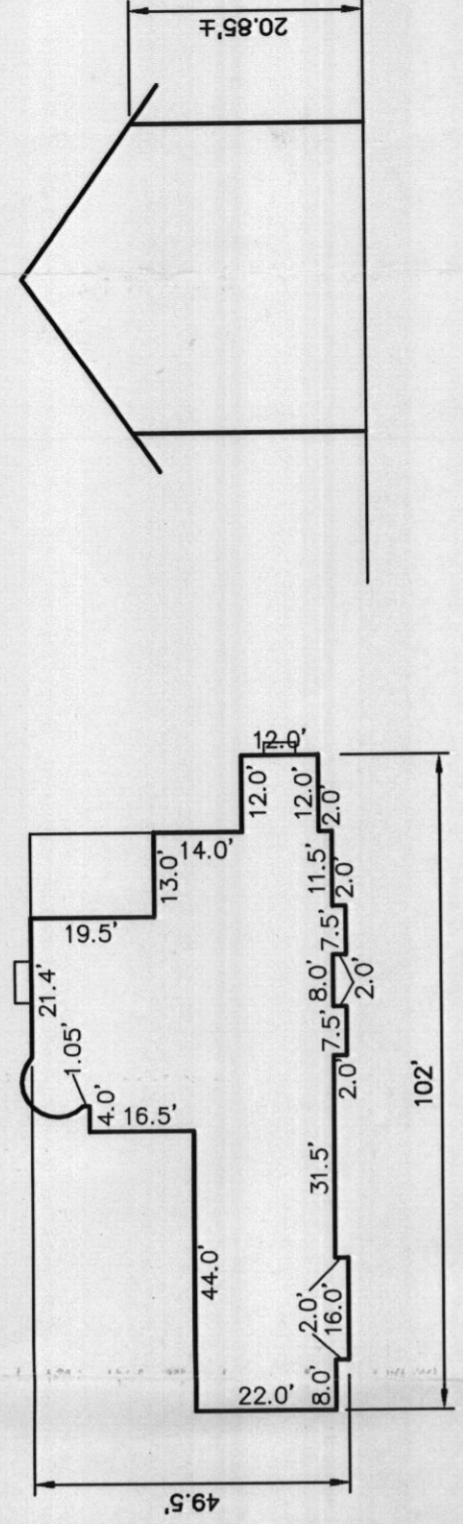


DRIVEWAY PAVING DETAIL  
NOT TO SCALE

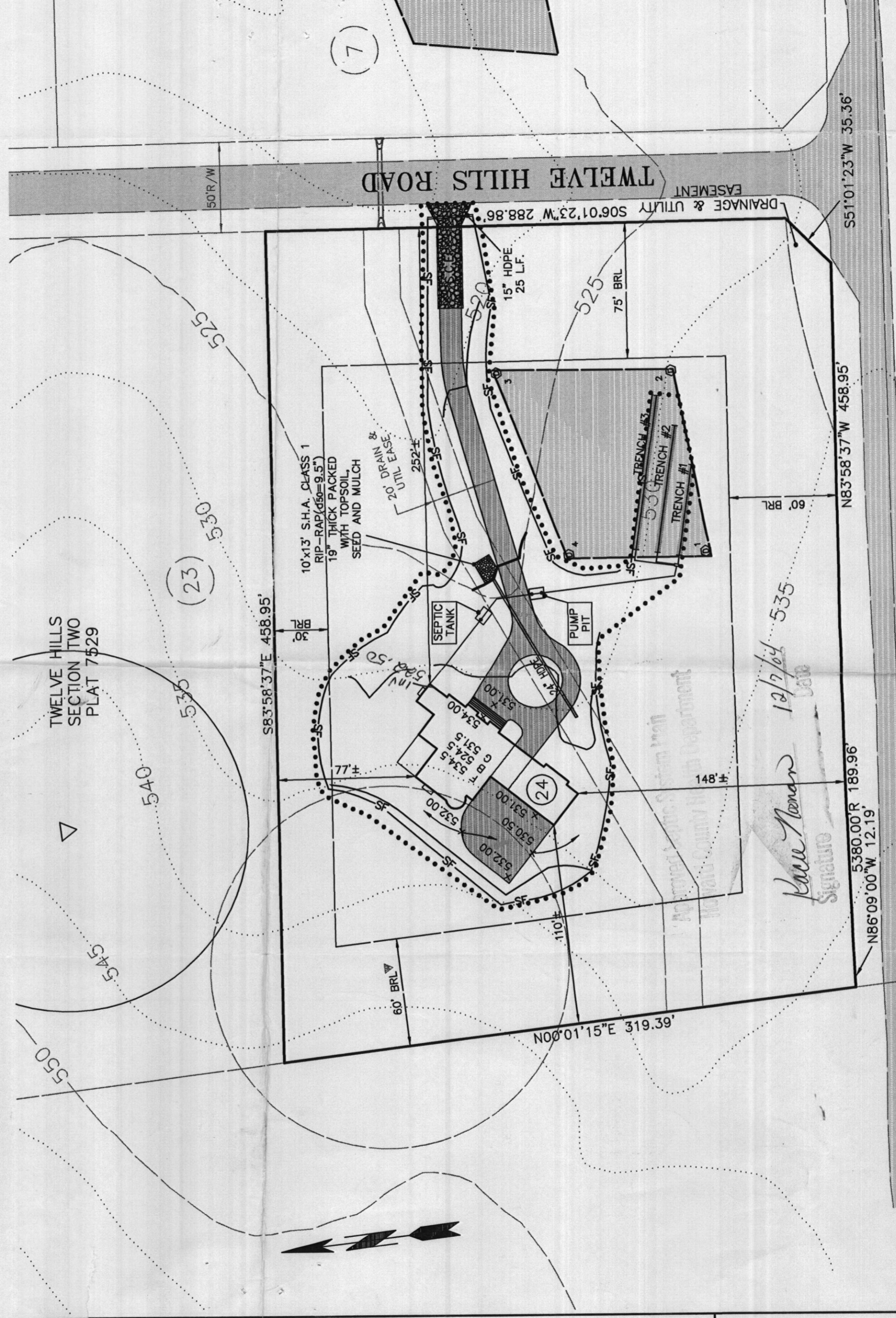
**BUILDER/D**  
 PATPSO H  
 13898 FORS  
 SYKESVILLE  
 410-44

**SEPTIC SYSTEM DATA**

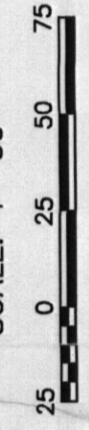
Structure	Ex. Ground	Finished Ground	Inv. In	Inv. Out	Bottom of Trench	Leng
Septic Tank	525.70	525.70	521.70	521.45	N/A	N/A
Pump Pit	525.70	525.70	520.85	520.60	N/A	N/A
Distribution Box	531.50	531.50	528.00	527.80	N/A	N/A
Trench #1	531.40	531.40	527.70	527.50	50'	50'
Trench #2	530.50	530.50	527.00	526.77	70'	70'
Trench #3	529.70	529.70	526.20	525.92	85'	85'



SCALE: 1"=30'



**PLAN VIEW**  
SCALE: 1"=50'



for Howard County Soil Conservation District and meets requirements.

Natural Resources Conservation Service  
 development is approved for soil erosion and sediment control  
 Howard County Soil Conservation District.

Soil Conservation District \_\_\_\_\_ Date \_\_\_\_\_

**DEVELOPER'S CERTIFICATION**

I/we certify that all development and construction will be done according to this plan and that any responsible personnel involved in the construction project will have a certificate of attendance at a Department of the Environment approved training program for the control of sediment and erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District.

*Samuel N. Dick*  
 Signature of Developer \_\_\_\_\_ Date 2004-12-23

**ENGINEER'S CERTIFICATE**

I hereby certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

*Samuel N. Dick*  
 ENGINEER \_\_\_\_\_ Date 2004-12-23

SEDI