

LAYOUT \_\_\_\_\_ INSP 4 \_\_\_\_\_

INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_

INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 7/15/05

P 522947

APPROVAL DATE: 8/18/2005

A 520864

# PERMIT INDEXED

TAX ID #03-284220

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

James Harrison Backhoe & Septic, LLC IS PERMITTED TO INSTALL  ALTER

ADDRESS: 4717 Old Washington Rd., Sykeville 21784 PHONE NUMBER: 410-795-7204

SUBDIVISION: Myung Property LOT NUMBER: \_\_\_\_\_

ADDRESS: 12020 Old Frederick Road (Rte 99) PROPERTY OWNER: Daniel Myung

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

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

NUMBER OF BEDROOMS: 3 Plus 3 additional for a total of 6 bedrooms

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 210 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 5.0 feet below original grade. 3.0 feet of stone below distribution pipe.
LOCATION:	Upgrade is to support building permit, must pump and collapse existing septic tank.
NOTES:	A plan is needed to show where you propose the new septic tank, distribution box and the inverts.

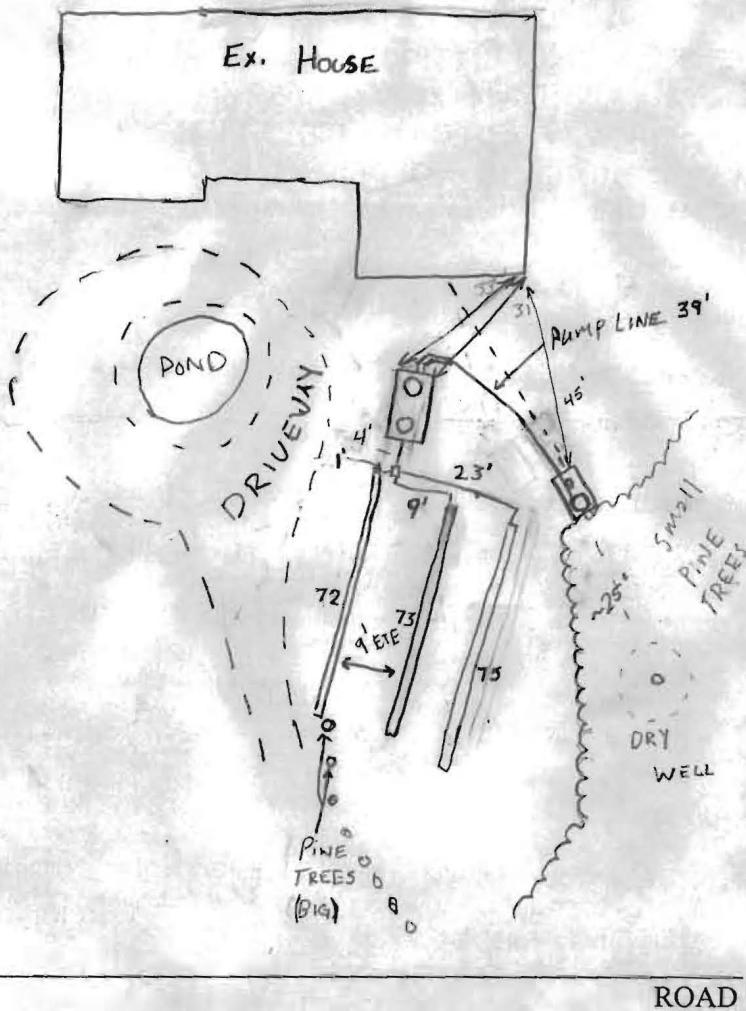
PLANS APPROVED: Kevin J. Bell Reviewed by: \_\_\_\_\_ DATE: 7/15/05

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  
ALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

A520864

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4	8'
NUMBER OF TRENCHES		3
TOTAL LENGTH		220'
ABSORPTION AREA _____		
DISTRIBUTION BOX LEVEL		✓ water
DISTRIBUTION BOX BAFFLE		No
DISTRIBUTION BOX PORT		No

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	?
Existing CAPACITY	1000 GAL
to be SEAM LOC	?
used TANK LID DEPTH	26'
for BAFFLES	✓
Sewage BAFFLE FILTER	_____
pump MANHOLE LOC	interconnect
6" PORT LOC	N/A
WATERTIGHT TEST	N/A
SEPTIC TANK 2 LEVEL	✓
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	✓
BAFFLE FILTER	N/A
MANHOLE LOC	Front & Rear
6" PORT LOC	N/A
WATERTIGHT TEST	N/A

PRE-CONSTRUCTION <sup>7/26/05</sup> USE Existing 1000 gal tank w/ sewage pump installed to pump up to new 2000 gal 2 comp. tank placed outside septic easement to ~~INSTALLATION~~ allow system to be installed as it was designed. existing dry well to remain as overflow for pump tank. (GAC) 7/27/05 All trenches, tank and pump installed and ok to cover. Needs electric yet. Pd Alarm test needed before pp signed. 8/18/05 pump & Alarm test ok. (GAC)

FINAL INSPECTOR Shirley A. Wright DATE OF APPROVAL 8/18/05

8/30/68

app 9-3-68  
13847  
A 12801

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3

INDEXED

DATE 8/19/68

Melnor General Contractors IS PERMITTED TO INSTALL X ALTER

ADDRESS Box 140 Ridge Rd., R.F.D. 5, Balto., Md. 21207 PHONE 922-1050

A SEWAGE DISPOSAL SYSTEM LOCATED AT Rt. 99 (Old Frederick Rd.) at Alpha - approx. 500  
ft. off Sand Hill Rd, left side - use crushed gravel road.

SUBDIVISION \_\_\_\_\_ ROAD \_\_\_\_\_ LOT \_\_\_\_\_

PROPERTY OWNER Donald E. Doerer & wife

ADDRESS 1709 Stella Ct., Balto., Md. 21207

SPECIFICATIONS

DRAIN FIELD \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

SEEPAGE PITS \_\_\_\_\_ ABSORBENT SIDE-WALL AREA \_\_\_\_\_ SQ. FT.

SEPTIC TANK CAPACITY 1,000 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER Dry Well - 400 sq. ft. absorbent sidewall area to begin below the inlet  
pipe. Inlet pipe to be 4 ft. below original grade. Maximum depth permitted for  
dry well is 14 ft. below original grade. Place Dry Well about 175 ft. from the  
front lot line and about 90 ft. from the left sideline as seen when facing lot from  
Sand Hill Rd.

PLANS APPROVED BY D. W. Monaghan DATE 7/18/67

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

**NOTIFY THE HEALTH DEPARTMENT 48 HOURS  
BEFORE EXCAVATIONS ARE TO BE BACK FILLED.**

13801

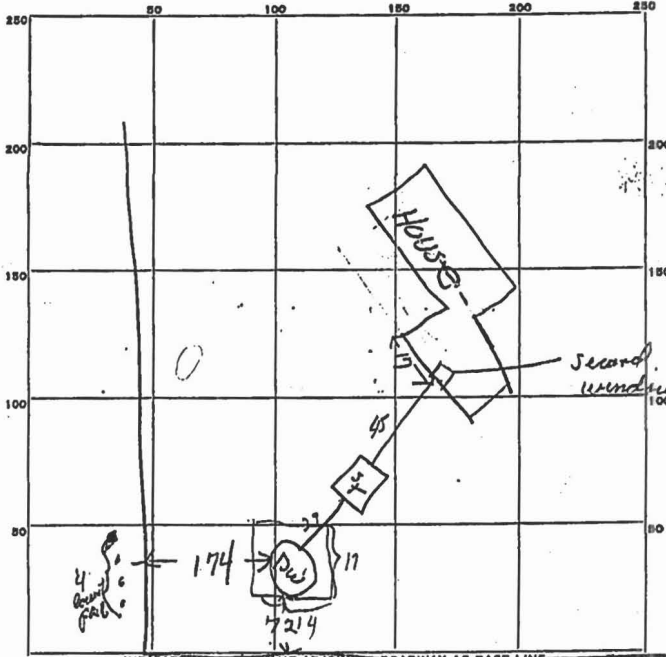
147  
L. L. L. L.  
72 ft. 10 in.  
147  
32  
174

17  
14  
14  
62  
3  
196

15  
8  
107  
5 3/4

making 98736

9117



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
E 1/2 SEC 21 T14N R 10 W SAND HILL P 111

PERMIT CARD not posted

SEPTIC TANK, LEVEL 12 CLEANOUTS 0

DISTRIBUTION BOX, LEVEL \_\_\_\_\_

TILE FIELD, DEPTH \_\_\_\_\_ FT. TRENCH WIDTH \_\_\_\_\_ FT.

GRAVEL DEPTH \_\_\_\_\_ IN. TOTAL LENGTH \_\_\_\_\_ FT.

NUMBER OF TRENCHES \_\_\_\_\_ TOTAL BOTTOM AREA \_\_\_\_\_

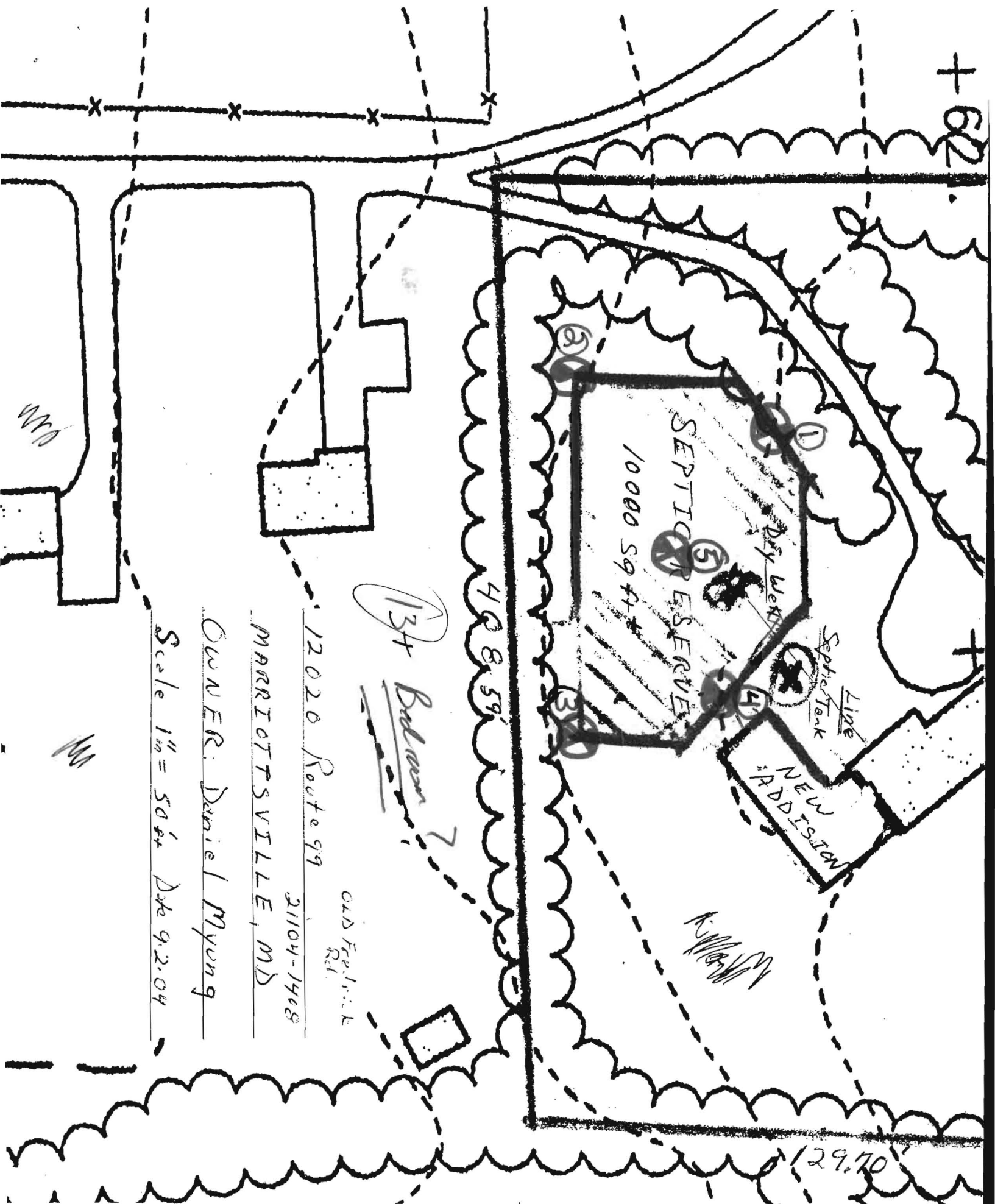
SEEPAGE PITS, INSIDE DIAMETER 52 FT. DEPTH BELOW INLET 8 FT.

ABSORBENT AREA 4164 SQ. FT.

REMARKS 8/30/68 - no gravel around by well - Dig well note in right location <sup>needed</sup> ~~needed~~  
 first 5 ft pipe from house is not cast iron - no work to be done!  
 original test pits cover still be seen  
 9/3/68 C. L. pipe installed - gravel tested in bottom of sewer - 5 min test

DATE SYSTEM APPROVED 9/3/68 INSPECTOR W. M. Morgan

+62



SEPTIC RESERVE  
10000 SQ FT

NEW ADDITION

Septic Tank  
Line

Dry Well

408.59

129.70

134 Balloon 7

12020 Route 99

OLD FRED'S  
Rd.

21104-1408

MARRIOTTSVILLE, MD

OWNER: Daniel Myung

Scale 1" = 50' Date 9.2.04

mm

mm

594.69'

432.87'



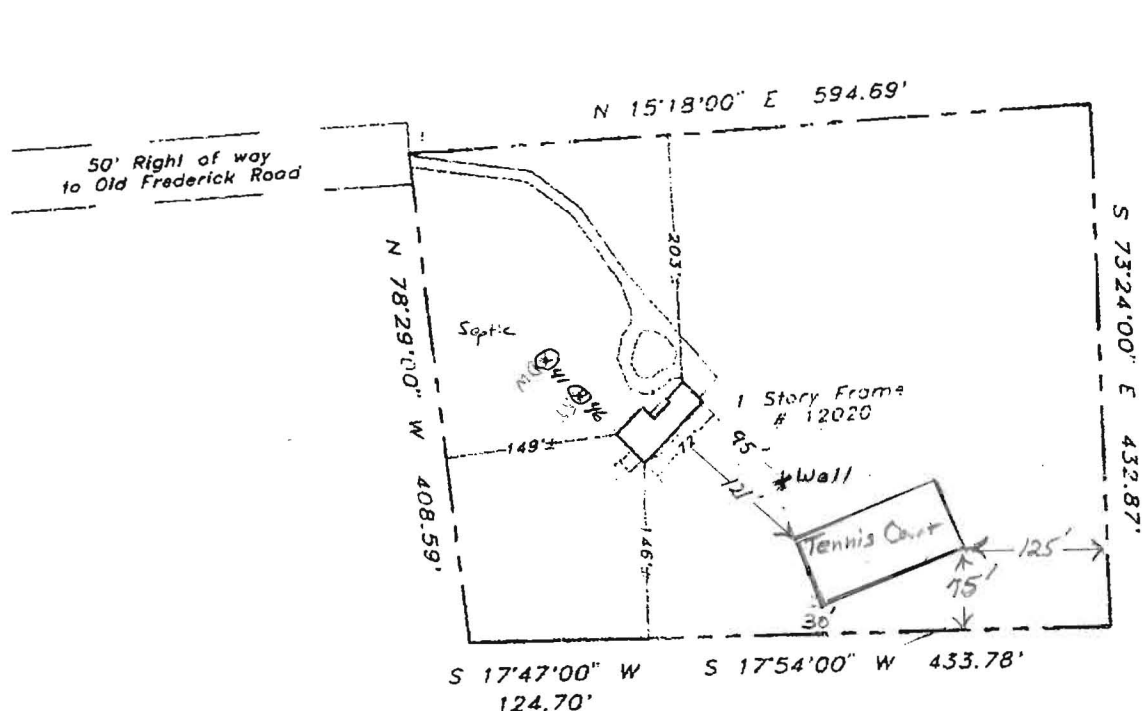
Well AG.  
TENNIS COURT

Total 558.48'

433.78'

NOTES:

1. E.P.L. information, if shown, was obtained from existing record plat or local agencies and is not guaranteed by JCL, Inc.
2. Sounding line and/or Flood Zone information is subject to the interpretation of the engineer.
3. JCL, Inc. does not certify to unknown or unrecorded encroachments or overlaps.
4. Property markers not found, or guaranteed by this location.
5. Sabeck distance accuracy 1/2".



Subject property is shown in Zone C on the National Flood Insurance Program Flood Insurance Rate Map of Howard County, Maryland, Panel # 16 of 45 Community Panel # 240044-0018 B Effective date: December 4, 1986

Septic & Well

This is to certify that I have surveyed the property shown hereon, being known as

**12020 Route 99**

recorded in the Land Records of Howard County, Maryland in Plat Bk. Liber 4251 Folio 236 for the purpose of locating the improvements thereon.

This plat is of benefit to the consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing, or refinancing purposes. This plat is not to be relied upon for the establishment of location of fences, garages, buildings, or other existing or future structures. This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or for securing financing or refinancing.



LOCATION DRAWING  
12020 Route 99

HOWARD COUNTY, MARYLAND

NTT Associates, Inc.

16205 Old Frederick Road  
Mt. Airy, Maryland 21771  
Ph. (410)442-2031  
Fax No. (410)442-1315

Scale:	1" = 150'
Date:	March 2, 2004
Field by:	JLM
Drawn by:	JLM
Drawing #	17225Cat

# FILE INQUIRY FORM

Property Address: \_\_\_\_\_ This property has \_\_\_\_\_

basement gravity service, house connection is ~ 8' below grade, old septic tank is ~ 6' below grade. Setting a 2000 gallon septic tank @ this depth is certainly a hazard → 6' depth + 8' dig depth = 14 ft' in addition would require a pump to reach 4' inlet. In my opinion, best option is a ~~small~~ pump in basement to pump up to new 2000 gallon septic tank set < 3' in the ground above the highest part of the basement. James

→ Possible storage issues

(Septic) Harrison wants to explore the option of placing a pump in existing 1000 gallon tank and pumping to new 2000 gal. tank. In addition, existing Drywell appears to be functioning properly, perhaps continued use of this drywell may be an overflow or alternating option. Drywell is 13' deep total 5' to inlet 8' storage effluent level is @ 10' below grade so 3' of effluent see most current perc notes, should not be in rock.

→ GABE CREIGHTON → P.S. Project is currently pending solution from HCHD (US) Urgent attention is needed.

**JAMES HARRISON**

**·24 HOUR  
EMERGENCY SERVICE**



**BACKHOE & SEPTIC, LLC**

**866-POOP AWAY**

**866-7667 292**

4717 Old Washington Rd.  
Sykesville, MD 21784

Cell: 410-596-0059  
Fax: 410-795-0201

Perk Test • Retained Earth Walls

Footings • Septic

Sand Mounds • Alternative Innovative Systems

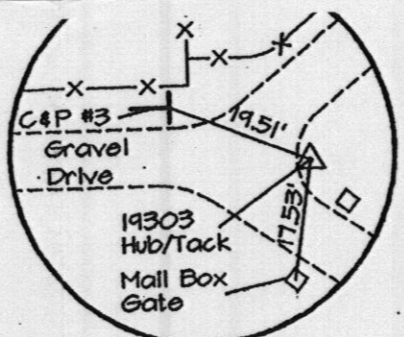
Skid Loader ~ Bid or hourly

Backhoe ~ Bid or hourly

Septic Inspection Certification

All Your Excavating Needs!

MATCH LINE B-B SHEET 8



50' USE - IN - Common Access Easement For Parcels 235, 236, 19179 + 175.

**TRAV. PT. 19303**  
 Elev. 612.54  
 N 603.211.57  
 E 1332.340.98

MAP 10 PARCEL 179  
 JOHN BROWN & BONITA L. WILSON  
 2782/320

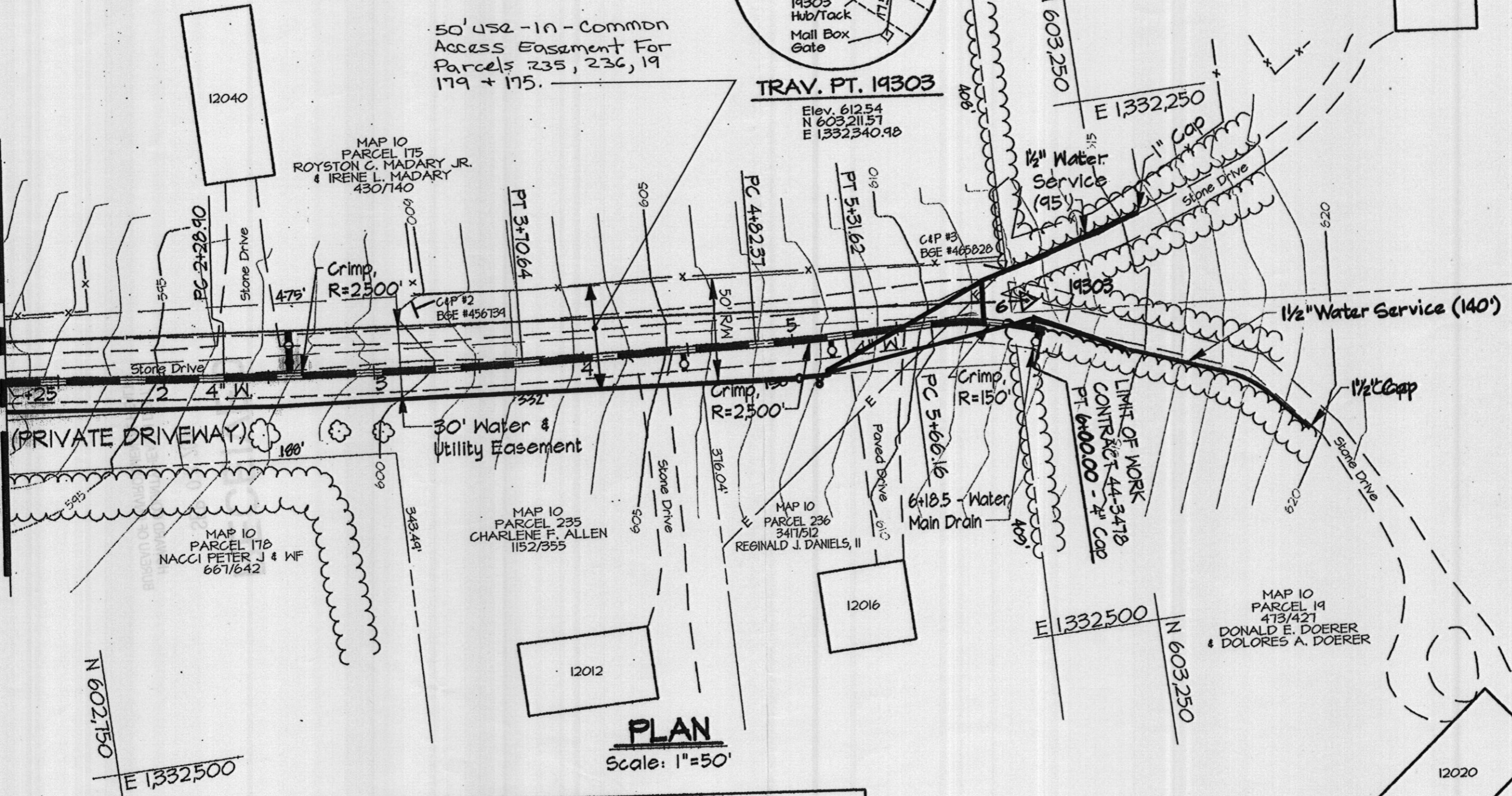
MAP 10 PARCEL 175  
 ROYSTON C. MADARY JR.  
 & IRENE L. MADARY  
 430/140

MAP 10 PARCEL 178  
 NACCI PETER J & WF  
 667/642

MAP 10 PARCEL 235  
 CHARLENE F. ALLEN  
 1152/355

MAP 10 PARCEL 236  
 3417/512  
 REGINALD J. DANIELS, II

MAP 10 PARCEL 19  
 473/427  
 DONALD E. DOERER  
 & DOLORES A. DOERER



**PLAN**  
 Scale: 1"=50'

Existing  
 Water Installation.  
 otherwise Noted.  
 10am To 4:00pm  
 And House  
 Day.  
 Maintain Ingress  
 Emergency

WATER MAIN STAKE-OUT TABLE				
TRAVERSE LINE	STATION	OFFSET		DESCRIPTION
19302 - 19303	1+49.98	21.93'	Rt.	P.C. - 2+28.90
	2+91.70	19.94'	Rt.	P.T. - 3+70.64
	4+03.34	15.64'	Rt.	P.C. - 4+82.37
	4+52.49	12.53'	Rt.	P.T. - 5+31.62
	4+86.89	9.52'	Rt.	P.C. - 5+66.16
	5+40.22	14.24'	Rt.	P.T. - 6+00.00

Electric Cables

