

LAYOUT \_\_\_\_\_ INSP 4 \_\_\_\_\_  
INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 5/5/2005

APPROVAL DATE: 5/11/05

**PERMIT**

**INDEXED**

**TAX ID #03-279650**

P 5 2 2 4 4 6

A 520074-A

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

Farm & Home Excavating, Inc IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 901 Driver Road, Marriottsville PHONE NUMBER: 410-442-2139

SUBDIVISION: Ayer's Property LOT NUMBER: 1<sup>st</sup> Parcel

ADDRESS: 1676 Woodstock Road PROPERTY OWNER: Forty West Group, Inc.

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

PUMP CHAMBER CAPACITY (GALLONS): 1250 COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 149 HOUSE SERVED BY PUBLIC WATER ☐

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box in the highest elevation of the approved SDA.
NOTES:	

PLANS APPROVED: Kevin J. Bell Reviewed by: JSB DATE: 2/22/04

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

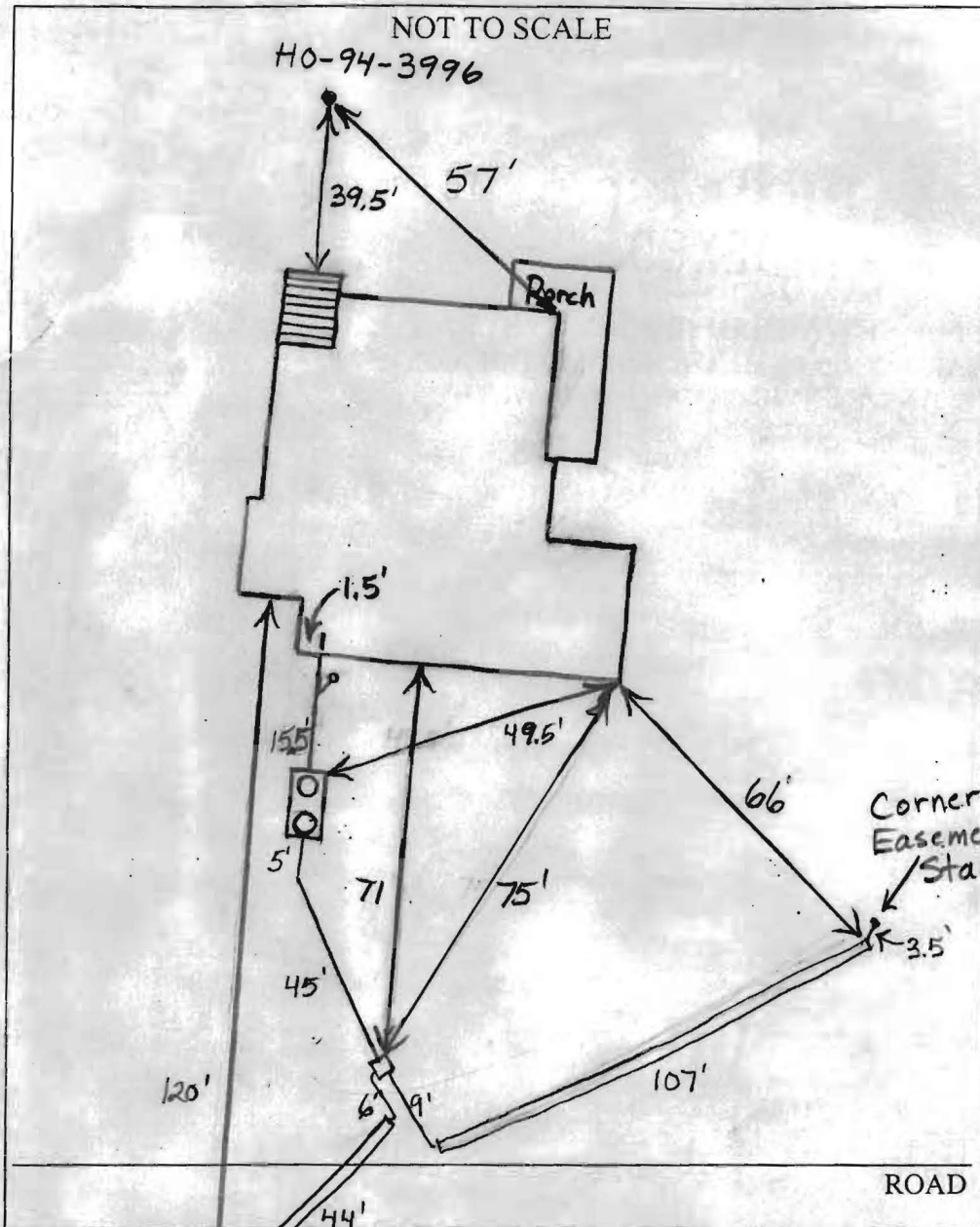
**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS  
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

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

**AND RETURNED**

4-22-05 BOD 153170 - LP TRAILER  
6-1-05 BOD 154151 - FINISH BASEMENT  
1-26-06 BOD 157902 - 2 CAR GARAGE  
5/11/06 BOD 159532 - DECK + PORCH

A 520074-A



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	6.5'
NUMBER OF TRENCHES		
2		
TOTAL LENGTH		
151'		
ABSORPTION AREA		
453' + Sidewall		
DISTRIBUTION BOX LEVEL		
Yes		
DISTRIBUTION BOX BAFFLE		
Yes		
DISTRIBUTION BOX PORT		
No		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	6"
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front + Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	N/A
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	

PRE-CONSTRUCTION 5/6/05 Electric lines were run through edge of septic easement. O.K. to install a short trench running outside of easement to make up for the loss of area. Don't go over property line. BB

INSTALLATION 5/11/05 System installed. Looks good. O.K. to cover everything. BB

BUILDING PERMIT SIGNED  
AND RETURNED

FINAL INSPECTOR B. Baker

DATE OF APPROVAL 5/11/05



Howard County  
Health Department

3525 H Ellicott Mills Drive, Ellicott City, MD 21043

(410) 313-2640 Fax (410) 313-2648

TDD (410) 313-2323 Toll Free 1-866-313-6300

website: [www.hchealth.org](http://www.hchealth.org)

---

Penny E. Borenstein, M.D., M.P.H., Health Officer

September 17, 2004

MEMORANDUM

TO: Pat Costello  
Forty West Builders  
3230 Bethany Lane  
Suite 1  
Ellicott City, MD 21042

FROM: Brian Baker, R.S. *BB*  
Well and Septic Program  
Bureau of Environmental Health

RE: 1676 Woodstock Road  
Tax Map 10, Grid 18, Parcel 50

The Howard County Health Department recommends issuance of the demolition permit for the house at the referenced property.

During the demolition and rebuilding process the new well must be protected. The existing septic system will be abandoned per the usual methods. The health department will need documentation or proof of correct septic system abandonment

Cc: File

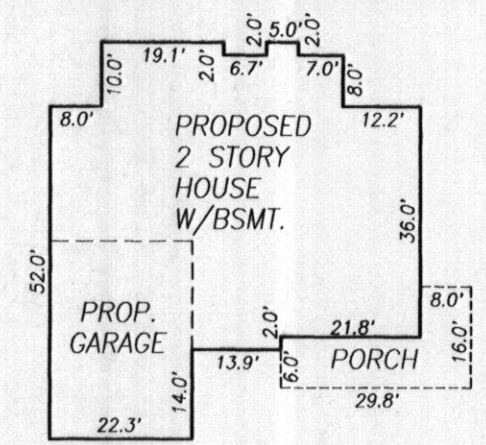
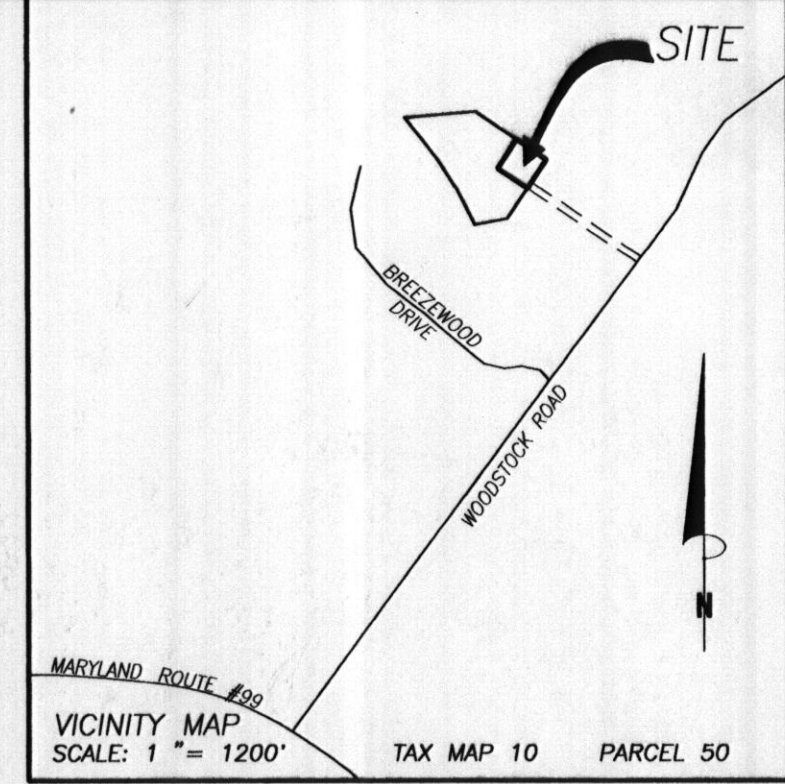
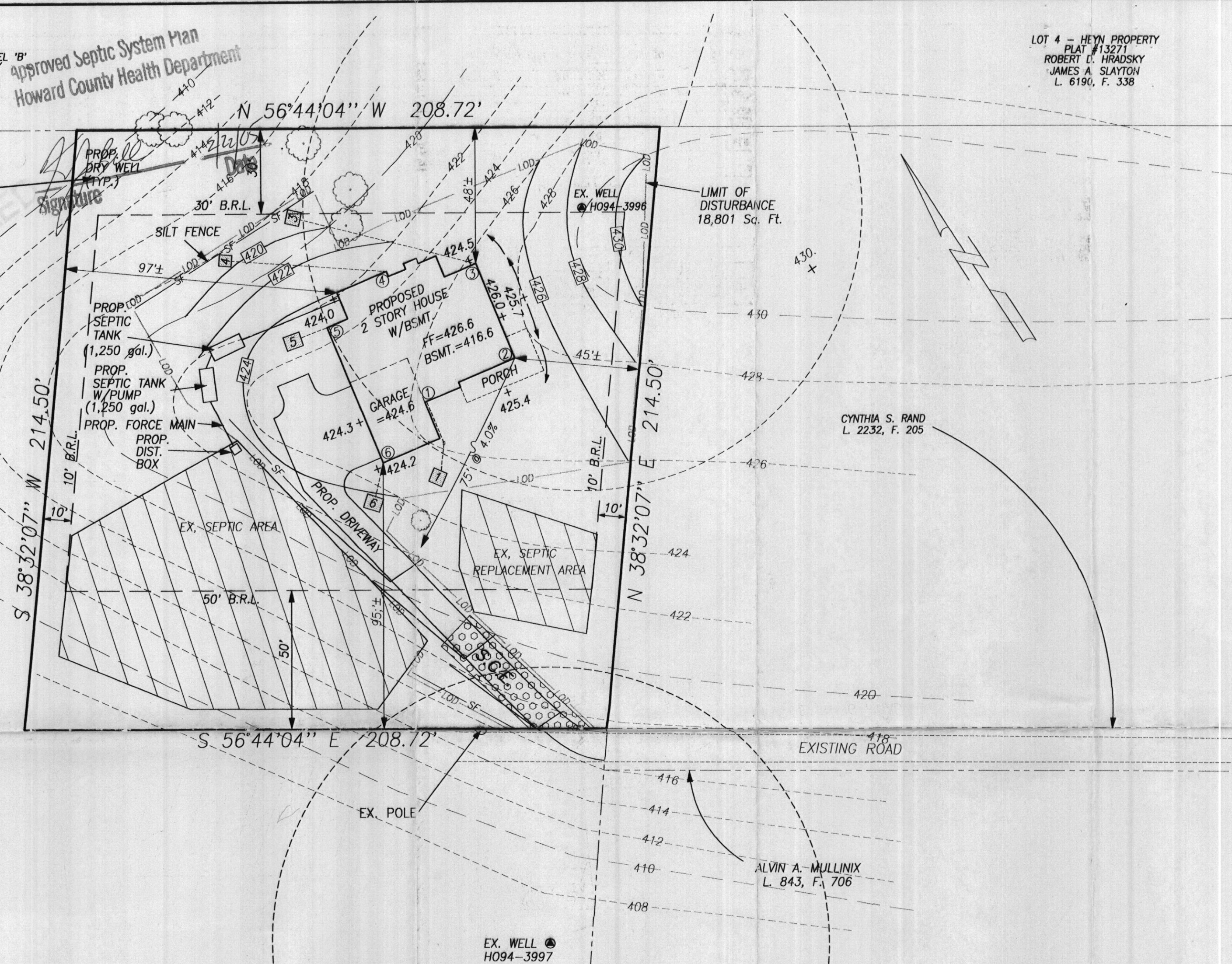


PRESERVATION PARCEL 'B'  
HEYN PROPERTY  
PLAT #13271  
Approved Septic System Plan  
Howard County Health Department

LOT 4 - HEYN PROPERTY  
PLAT #13271  
ROBERT D. HRADSKY  
JAMES A. SLAYTON  
L. 6190, F. 338

IRA & HELEN AYERS  
L. 213, F.448  
(1st PARCEL)  
44,582 SQ. FT.  
OR 1.0235 AC.±

IRA & HELEN AYERS  
L. 213, F.448  
(2nd PARCEL)



HOUSE DETAIL  
1"=30'

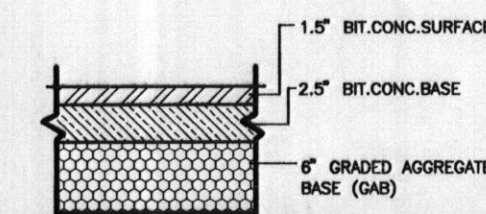
SEPTIC ELEVATIONS

PROPOSED HOUSE:  
F.F. ELEV. = 426.6  
BSMT. ELEV. = 416.6  
GAR. ELEV. = 424.6  
INV. OUT = 419.7 (HUNG SEWER)

PROPOSED SEPTIC TANK (1,250 gal.)  
EX GRD. ELEV. = 422.0  
PROP. GRD. ELEV. = 422.0  
INV. IN = 419.0  
INV. OUT = 418.7

PROPOSED SEPTIC TANK W/PUMP (1,250 gal.)  
EX GRD. ELEV. = 422.0  
PROP. GRD. ELEV. = 422.0  
INV. IN = 418.6

PROPOSED DISTRIBUTION BOX:  
EX GRD. ELEV. = 423.0  
INV. IN = 420.5  
INV. OUT = 420.2



PAVING SECTION  
(N.T.S.)

NOTES:

- TOPOGRAPHY IS FIELD RUN BY VANMAR ASSOC., INC. SEPTEMBER, 2004.
- ACTUAL LENGTH AND NUMBER OF TRENCHES FOR SEWERAGE ARE TO BE DETERMINED AT THE TIME OF SEPTIC SYSTEM PERMIT ISSUANCE.
- PROPOSED HOUSE IS 4 BEDROOM.
- LIMIT OF DISTURBANCE: (LOD) 18,801 Sq. Ft.
- THE EXISTING WELL(S) SHOWN ON THIS PLAN HO-94-3996, HO-94-3997 HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC. PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.
- ZONING DISTRICT: RCDEO

GENERAL NOTES:

- OWNERS: IRA L. & HELEN L. AYERS  
DEED REFERENCE: LIBER 213 FOLIO 448  
DATE: NOVEMBER 16, 1949  
GRANTOR: THEODORE C. & MARIE H. MATTHEISS
- TAX MAP: 10 GRID: 18 PARCEL: 50
- NEAREST POTABLE WATER SUPPLY: ELLICOTT CITY DISTANCE: 6.0 MILES ±
- THERE IS NO FLOOD HAZARD (100 YEAR FLOOD PLAIN) LOCATED ON THIS PROPERTY ACCORDING TO FEMA FLOOD INSURANCE RATE MAP, COMMUNITY PANEL # 240044 0007B & 240044 0002B, REVISED APRIL 2, 1997
- TOPOGRAPHY: HOWARD COUNTY DATUM CONTOUR INTERVALS ARE AT 5 FEET.
- THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF 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 PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS.  
RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

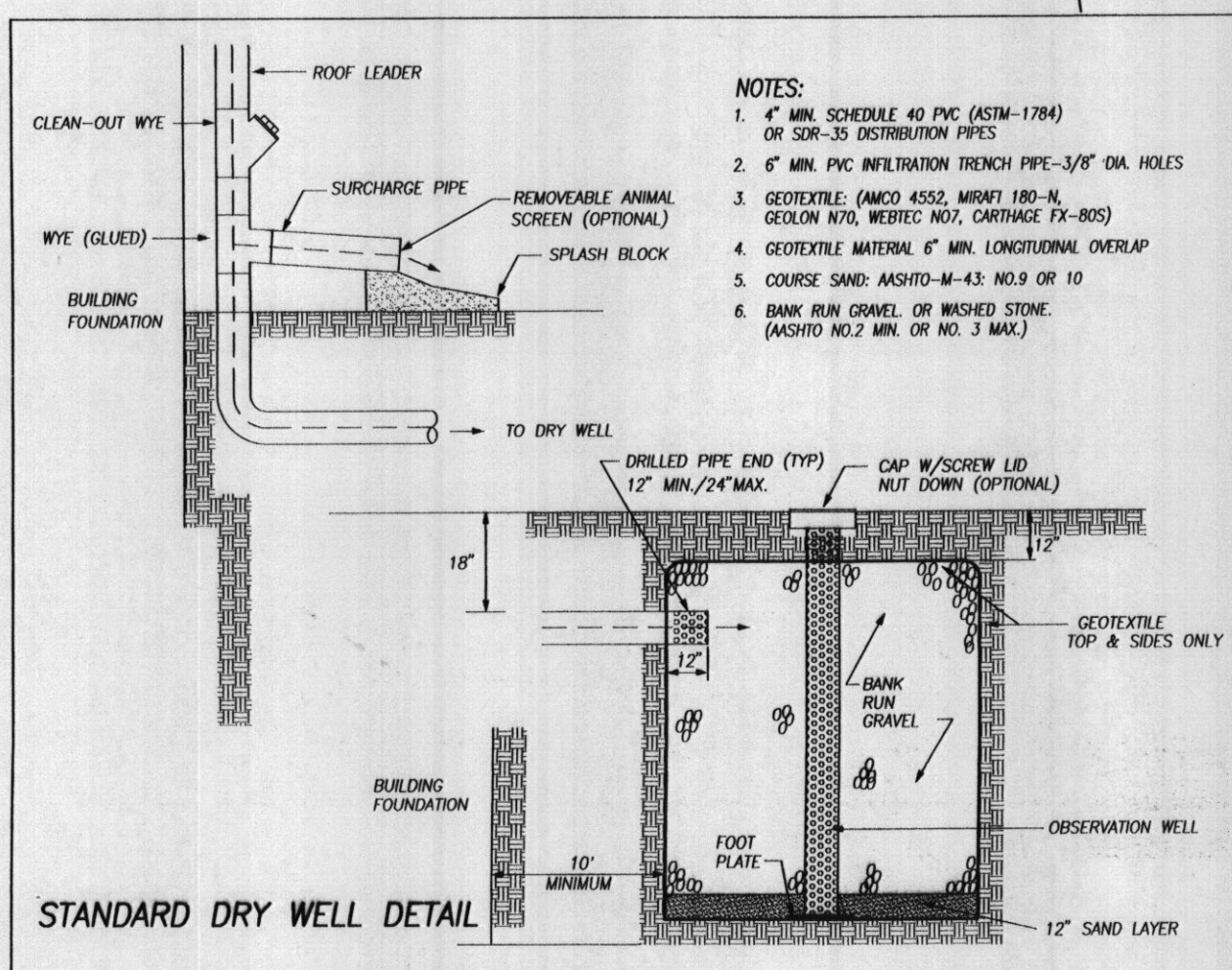
ROOFTOP DISCONNECTION CREDIT

DOWN SPOUT	DISCONNECTION LENGTH	REQUIRED LENGTH	SWM ADDRESSED
2	75'	75'	YES

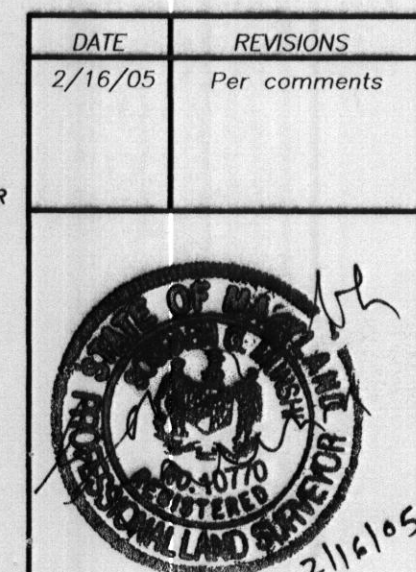
DRY WELL DATA

DOWN SPOUT (ROOF DRAIN)	DRYWELL No.	DRY WELL SIZE (4' DEPTH)	TOP OF OBSERVATION WELL	INVERT IN DRY WELL
1	1	5.0' X 5.0'	ELEV. = 425.3'	ELEV. = 423.47'
3	3	5.0' X 5.0'	ELEV. = 419.0'	ELEV. = 417.17'
4	4	4.0' X 4.5'	ELEV. = 419.0'	ELEV. = 417.17'
5	5	6.0' X 5.0'	ELEV. = 424.1'	ELEV. = 422.27'
6	6	6.0' X 5.0'	ELEV. = 423.5'	ELEV. = 421.67'

FOR CONSTRUCTION OF DRYWELLS REFER TO COUNTY DETAILS



OWNERS:  
IRA L. & HELEN L. AYERS  
C/O FORTY WEST BUILDERS INC.  
3230 BETHANY LANE  
SUITE 1  
ELLICOTT CITY, MD. 21042



**PLOT PLAN**  
**IRA & HELEN AYERS PROPERTY**  
1st PARCEL  
LIBER 213 FOLIO 448  
SITUATED ON WOODSTOCK ROAD  
ELECTION DISTRICT No. 3  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 30' DECEMBER, 2004

**VANMAR ASSOCIATES, INC.**  
Engineers Surveyors Planners  
310 South Main Street P.O. Box 328 Mount Airy, Maryland 21771  
(301) 829 2890 (301) 831 5015 (410) 549 2751



OWNERS:  
 IRA L. & HELEN L. AYERS  
 C/O FORTY WEST BUILDERS INC.  
 3230 BETHANY LANE  
 SUITE 1  
 ELICOTT CITY, MD. 21042

LOT 4 - HEYN PROPERTY  
 PLAT #13271  
 ROBERT D. HRADSKY  
 JAMES A. SLAYTON  
 L. 6190, F. 338

MARYLAND ROUTE #99  
 VICINITY MAP  
 SCALE: 1" = 1200'  
 TAX MAP 10 PARCEL 50

- NOTES:
1. FOOTINGS AND FOUNDATION ARE IN PLACE AS SHOWN HEREON.
  2. TOP OF WALL ELEV. = 427.16
  3. THE EXISTING WELL(S) SHOWN ON THIS PLAN HO-94-3996 HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC., PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.

PRESERVATION PARCEL 'B'  
 HEYN PROPERTY  
 PLAT #13271

IRA & HELEN AYERS  
 L. 213, F.448  
 (2nd PARCEL)

IRA & HELEN AYERS  
 L. 213, F.448  
 (1st PARCEL)  
 44,582 SQ. FT.  
 OR 1.0235 AC±

EX. WELL  
 HO94-3996

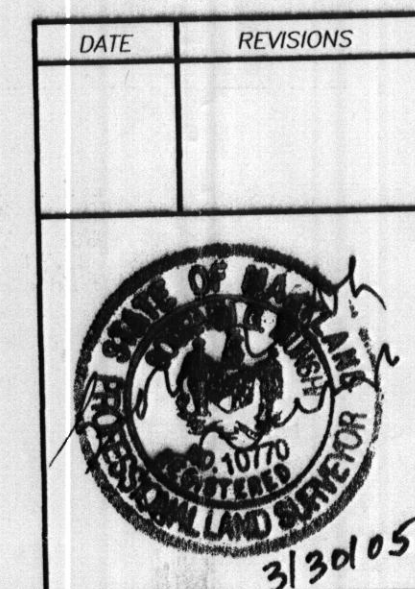
CYNTHIA S. RAND  
 L. 2232, F. 205

ALVIN A. MULLINIX  
 L. 843, F. 706

EX. WELL  
 HO94-3997

I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE  
 RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA  
 FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY,  
 MARYLAND, AS REFERENCED HEREON.

*Sourabh G. Munshi* 3/30/05  
 SOURABH G. MUNSHI, PROF. LAND SURVEYOR DATE  
 MARYLAND REGIST. NO. 10770



WALL CHECK DRAWING  
 IRA & HELEN AYERS PROPERTY

1st PARCEL  
 LIBER 213 FOLIO 448

1676 WOODSTOCK ROAD  
 ELECTION DISTRICT No. 3  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 30' MARCH, 2005



VANMAR ASSOCIATES, INC.  
 Engineers Surveyors Planners  
 310 South Main Street P.O. box 328 Mount Airy, Maryland 21771  
 (301) 829 2890 (301) 831 5015 (410) 549 2751

JOB NO. A3-4762

5/5/05  
 Wall check OK  
 KJA/S