

# PERMIT

04-347048

## SEWAGE DISPOSAL SYSTEM

P 48404

A 36750

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

*INDEX - TIME EXPIRED FOR F.C.O.P. COMPLIANCE*

DISTRICT 4th

HOWARD COUNTY HEALTH DEPARTMENT

DATE 8/5/92

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

*5/9/93 C. Williams*

DATE SYSTEM APPROVED 10/1/92

INSPECTOR [Signature]

## INDEXED

William H. Smith, Jr IS PERMITTED TO INSTALL X ALTER

ADDRESS P. O. Box 330, Forest Hill, Maryland 21050 PHONE 879-7641

SUBDIVISION Woodfield Estates LOT 7 ROAD 14818 Woodfield Lane

PROPERTY OWNER S & B Development Corp.

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 263

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - From the lot corner at the end of the pipe-stem access, place the distribution box at a point 330 feet down the South (675') lot line and 65 feet off that lot line. Run trenches on contour toward North (749') lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. O/K 5/21/92 RJA

PLANS APPROVED BY C. Williams REVISED DATE 4/30/92

COVER NO WORK UNTIL INSPECTED AND APPROVED

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

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

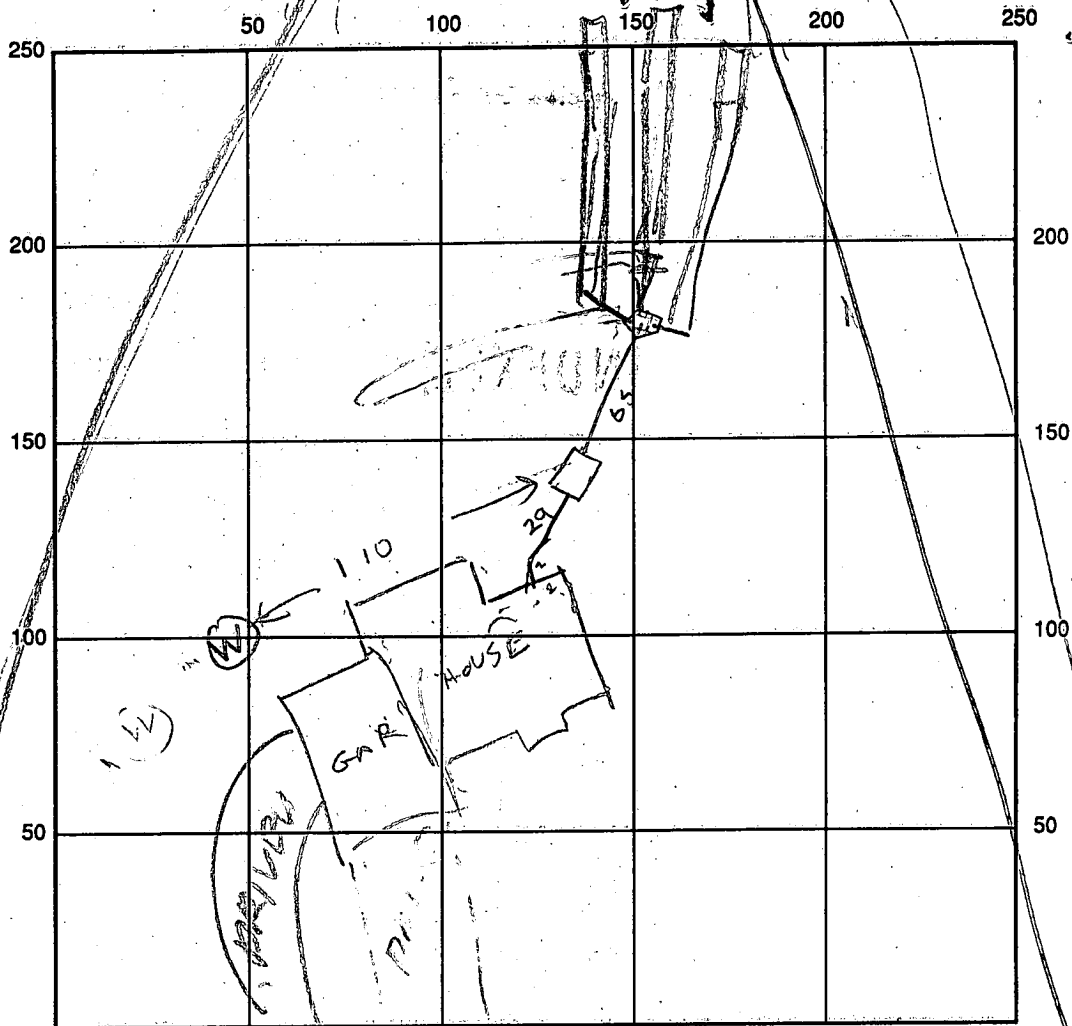
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

A 36750



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

263  
176  
262

SEPTIC TANK LEVEL 1500 CLEANOUTS OK  
 DISTRIBUTION BOX LEVEL OK  
 DRAIN FIELD/TITLE DEPTH 3 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.  
 EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 88 FT. 90 FT. 24 FT. 23 ?  
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 262 SQ. FT.  
 DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.  
 ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: 10/1/92<sup>PM</sup> PITCH #1 & #2 DOG AND STONE  
TO DITCH #1 & 2 DIG DITCH #3  
10/1/92<sup>PM</sup> ALL THREE DITCHES OK RA

DATE SYSTEM APPROVED 10/1/92 INSPECTOR Raymond Hodge

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation  Replacement

Receipt # 48405  
Date 8/5/92

Name of Installer William H. Smith

Telephone 879-7641

License Number P.I. 58  
Certified Well Pump Installer  Well Driller  Registered Plumber

Name of Property Owner S+S Development Telephone \_\_\_\_\_  
Subdivision Woodfield Lot # 7 Well Tag # 40-81-2703  
Site Address 17818 Woodfield Lane

**Pump**  
1. Type  
a. Deep well jet   
b. Shallow well jet   
c. Submersible   
2. Make \_\_\_\_\_  
3. Model # \_\_\_\_\_  
4. Capacity \_\_\_\_\_ GPM  
5. Pump exceeds well capacity Yes  No   
6. If Yes, is low pressure cutoff switch installed? Yes  No   
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors  Cable guards  Other

**Motor**  
1. Horsepower \_\_\_\_\_  
2. RPM \_\_\_\_\_  
3. Voltage \_\_\_\_\_  
a. 110 \_\_\_\_\_  
b. 220 \_\_\_\_\_

**Pitless Adapter**  
1. Make \_\_\_\_\_  
2. Model # \_\_\_\_\_  
3. Depth \_\_\_\_\_

**Tank**  
1. Capacity \_\_\_\_\_  
2. Pressure relief valve?

**Piping**  
1. Type \_\_\_\_\_  
2. Size \_\_\_\_\_  
3. NSF and/or BOCA Code approved   
4. Depth of supply line \_\_\_\_\_

**Well data**  
1. Depth 245 ft.  
2. Yield 4 GPM  
3. Static water level 40 ft.  
4. Will water supply be disinfected by installer?

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.  
Signature of Applicant: William H. Smith  
Date: 8/5/92

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

HD-215 10/11/92 OK WPT R Jagg

**C1** 7784  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**STATE OF MARYLAND**  
**WELL COMPLETION REPORT**  
 FILL IN THIS FORM COMPLETELY  
 PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.  
 COUNTY NUMBER **A 36752**

DATE Received: [ ] [ ] [ ] [ ] [ ] [ ]  
 DATE WELL COMPLETED: **12 19 88**  
 Depth of Well: **245** (TO NEAREST FOOT)  
 PERMIT NO. FROM "PERMIT TO DRILL WELL": **HC-81-2703**

OWNER: **JACOBSON RANDALL**  
 STREET OR RFD: **TRIADALE R.D. 14818 WOODFIELD LA.** TOWN: **GENEVA**  
 SUBDIVISION: **FRANKLIN STATES** SECTION: [ ] LOT: **7**

**WELL LOG** **WOODFIELD**

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Top Soil	0	2	
Sandy	2	15	
Sand Stone	15	20	
MICKA	20	35	
Sand Stone	35	40	✓
MICKA	40	90	
Sand Stone	90	95	✓
MICKA	95	245	

**GROUTING RECORD**

WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**

TYPE OF GROUTING MATERIAL  
 CEMENT **CM** BENTONITE/CLAY **BC**

NO. OF BAGS **7** NO. OF POUNDS **200**

GALLONS OF WATER **42**

DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **25** ft.  
 (enter 0 if from surface)

**CASING RECORD**

MAIN CASING TYPE: **PL** **A** **27**

Nominal diameter top (main) casing (nearest inch): [ ] [ ]

Total depth of main casing (nearest foot): [ ] [ ] [ ] [ ]

OTHER CASING (if used): diameter [ ] [ ] inch, depth (feet) from [ ] [ ] to [ ] [ ]

**SCREEN RECORD**

screen type or open hole: **ST** **BR** **HO** **PL** **OT**

STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

DEPTH (nearest ft.):

1	<b>HO</b>	<b>25</b>	<b>245</b>
2	[ ]	[ ]	[ ]
3	[ ]	[ ]	[ ]

**C2**

SLOT SIZE 1 [ ] 2 [ ] 3 [ ]

DIAMETER OF SCREEN [ ] [ ] [ ] (NEAREST INCH)

GRAVEL PACK from [ ] to [ ]

IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T [ ] (E.R.O.S.) WQ [ ] [ ] [ ]

TELESCOPE CASING LOG INDICATOR OTHER DATA

**C3**

**PUMPING TEST**

HOURS PUMPED (nearest hour) **3**

PUMPING RATE (gal. per min. to nearest gal.) **8**

METHOD USED TO MEASURE PUMPING RATE: **Bucket**

WATER LEVEL (distance from land surface) BEFORE PUMPING: **40**

WHEN PUMPING: **100**

TYPE OF PUMP USED (for test): **A** air **P** piston **T** turbine **C** centrifugal **R** rotary **O** other (describe below) **J** jet **S** submersible

**PUMP INSTALLED**

DRILLER WILL INSTALL PUMP YES  NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:

CAPACITY: GALLONS PER MINUTE (to nearest gallon) [ ] [ ] [ ] [ ]

PUMP HORSE POWER [ ] [ ] [ ] [ ]

PUMP COLUMN LENGTH (nearest ft.) [ ] [ ] [ ] [ ]

CASING HEIGHT (circle appropriate box and enter casing height): **+** above **-** below

LAND SURFACE (nearest foot) **2**

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

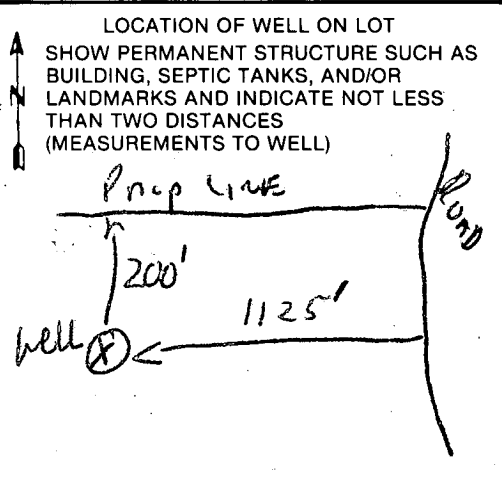
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. **273**

DRILLERS SIGNATURE: **Nash Mayne**

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)









HENRY A. ZIMMERMANN  
325/330

Well Stake OK  
4/21/88  
R18

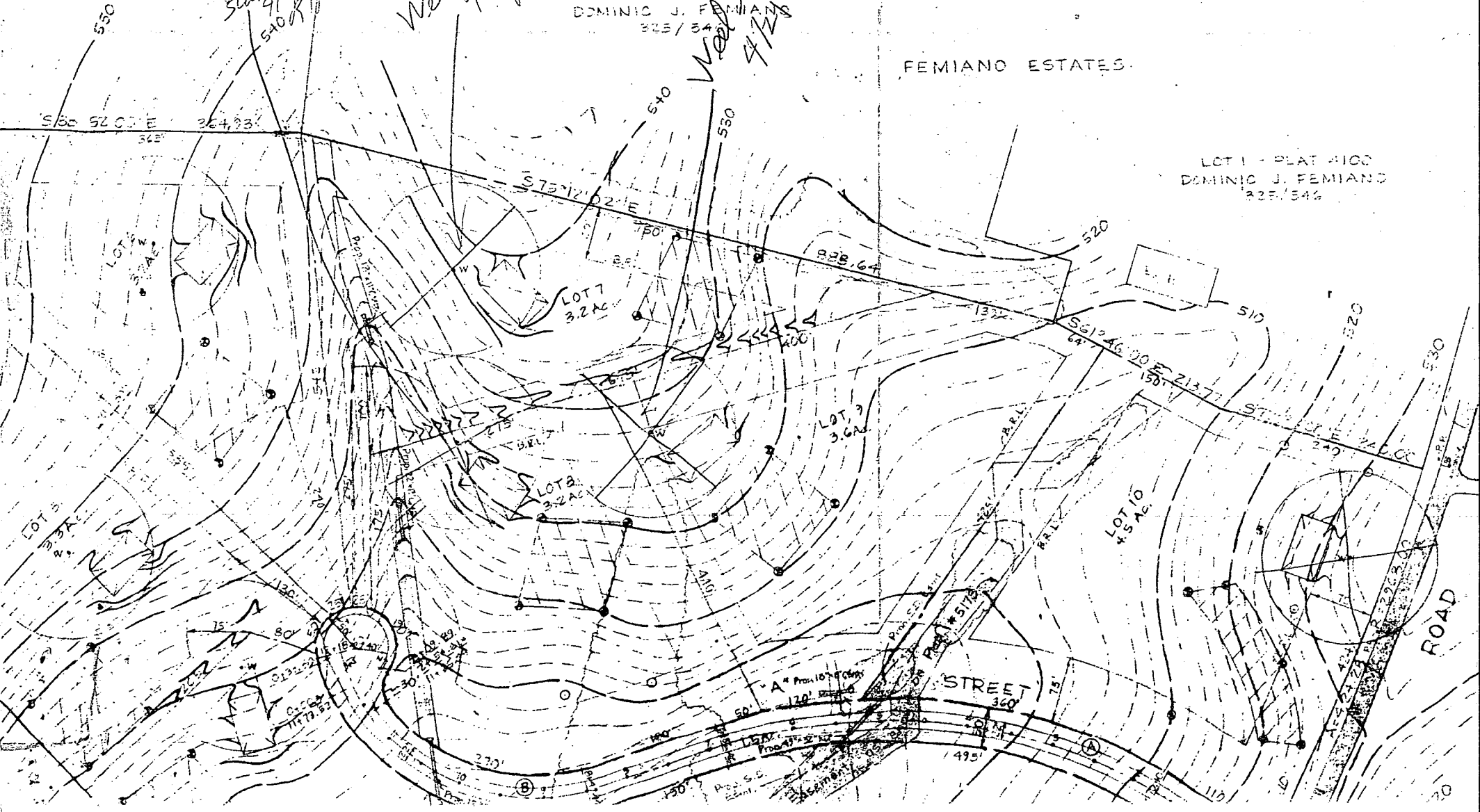
Well Stake OK  
4/21/88  
R18

Well Stake OK  
4/21/88  
R18

LOT 1 - PLAT 5176  
DOMINIC J. FEMIANO  
325/344

FEMIANO ESTATES.

LOT 1 - PLAT #100  
DOMINIC J. FEMIANO  
325/344



STREET

ROAD

# APPLICATION

PERCOLATION TESTING

A 36750

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT \_\_\_\_\_

DATE 4/3/96

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER <sup>SVB Development Corp.</sup> ANDREW JACOBSON, PAUL JACOBSON, RANDALL JACOBSON <sup>PS 4-0277</sup>

ADDRESS 11906 BLUE FEBRUARY WAY PHONE 730-1945

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION WOODFIELD 25<sup>th</sup> NW 61

SUBDIVISION TRIAD DELPHIA ESTATES LOT NO. 47

ROAD AND DESCRIPTION TRIAD DELPHIA ROAD 14818 Woodfield Lane

TAX MAP 21 PARCEL # 33 LOT 2

SIZE OF LOT 3.0 ACRES TYPE BLDG. SINGLE FAMILY  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Randall Jacobson  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

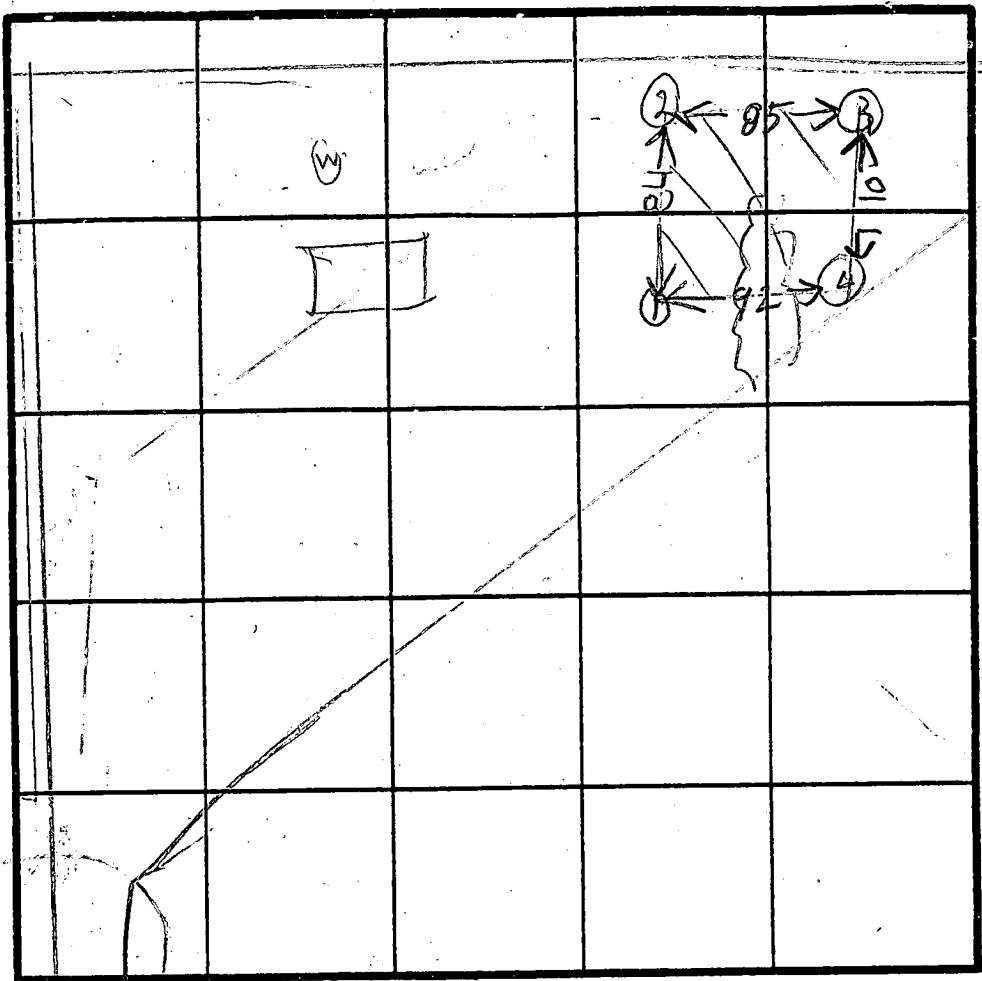
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

BLDG. PERMIT SIGNED  
AND RETURNED Yes  
Serial # 42415  
SFD-5 Bedroom

# THIS IS NOT A PERMIT

507 8



HOLE ELEVATION  
 (1)(2) = HIGH  
 (4) = MEDIUM  
 (3) = LOW

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE  
 0  
 RED BROWN CLAY  
 3  
 BROWN SAND LOAM & BOUNDER  
 13.5

(2)  
 0  
 RED BROWN CLAY  
 3  
 BROWN SAND LOAM  
 14

(3)  
 0  
 RED & BROWN CLAY LOAM  
 5  
 GRAY BROWN SAND LOAM  
 12.5

(4)  
 0  
 RED BROWN CLAY LOAM  
 4  
 LIGHT BROWN SAND LOAM  
 EH 12.1  
 13

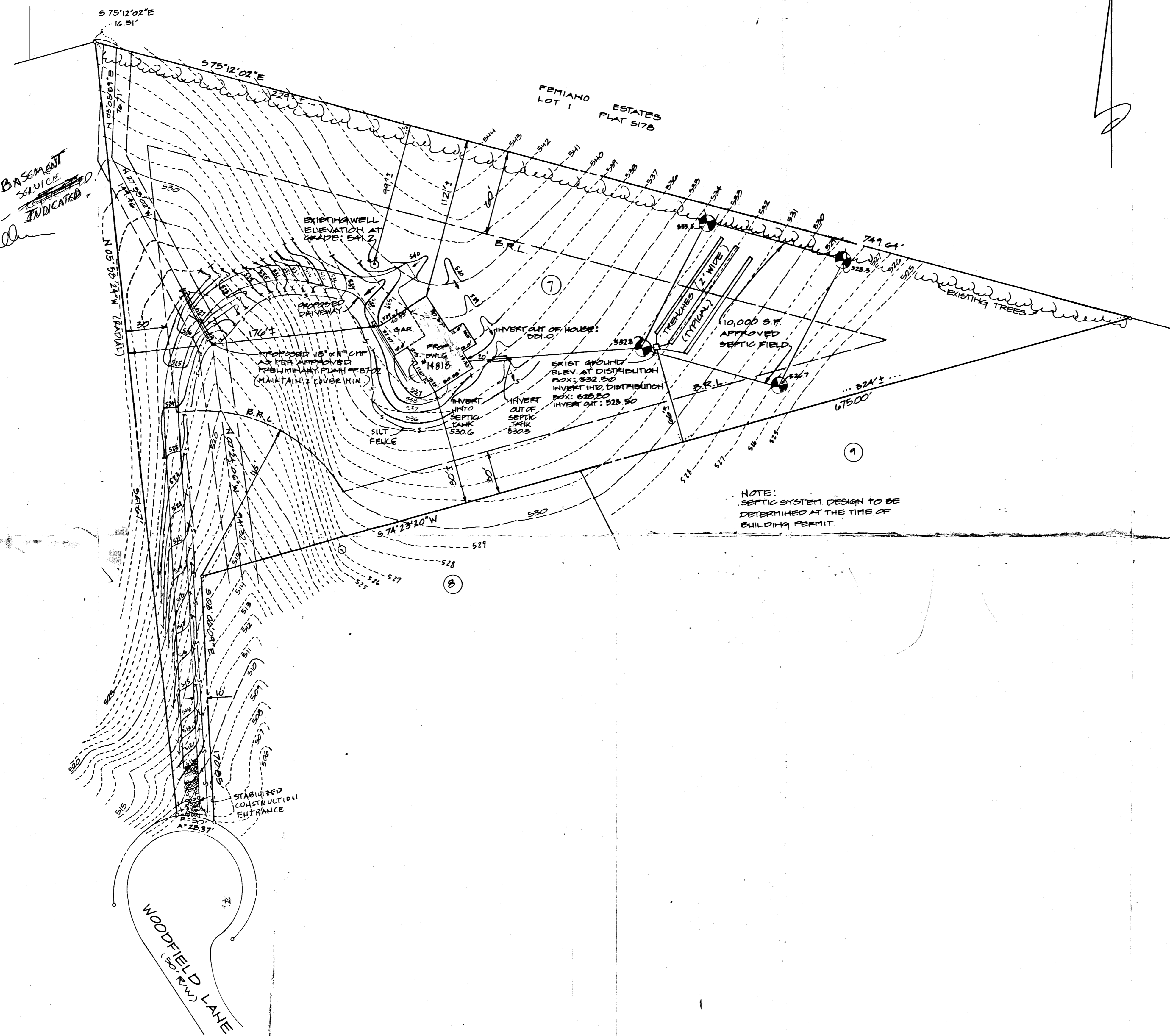
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/6/86	1D	7.5	126	129	127	131	2
	1S	4	130	134	134	140	6
	1V	13.5	LOOKS OK				
	2S	5	137	140	140	149	9
	2V	14	LOOKS OK				
5/6/86	3S	5.5	141	200	200	234	34
	3V	12.5	LOOKS DOUBTFUL				
1	4S	5	146	148	148	150	2
	4V	13	LOOKS OK				
5/6/86	3M	8	315	316	316	317	X

13 min. avg.

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY R HODGES ALSO PRESENT P & R JACOBSON WOODY



ELEVATIONS OK - BASEMENT  
 4/3/92  
 SWILL  
 INDICATED



NOTE:  
 SEPTIC SYSTEM DESIGN TO BE  
 DETERMINED AT THE TIME OF  
 BUILDING PERMIT.

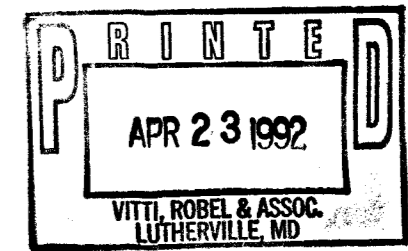
**PROPOSED DWELLING ELEVATIONS:**

BASEMENT ELEVATION	533.0
FIRST FLOOR ELEVATION	542.0

**SEPTIC SYSTEM ELEVATIONS:**

INVERT OUT OF HOUSE	531.0
INVERT INTO SEPTIC TANK	530.0
INVERT OUT OF SEPTIC TANK	530.5
INVERT INTO DISTRIBUTION BOX	528.8
INVERT INTO TRENCH	528.5
EXISTING GRADE AT SEPTIC TANK	537.0
EXISTING GRADE AT DISTRIBUTION BOX	532.5
EXISTING GRADE AT TRENCH	532.0
ELEVATION OF WELL AT GRADE	541.2

NOTE: TOPOGRAPHY SHOWN HEREON WAS FIELD  
 RUN ON APRIL 12, 1992.



*Handwritten signature: P. 42415, signed [unclear]*

LOT 7  
 "WOODFIELD"  
 (REVISION TO TRIADELPHIA ESTATES F-87-167)  
 LOTS 1 THRU 10  
 PLAT NO. 8290  
 4<sup>th</sup> ELECTION DISTRICT HOWARD COUNTY, MD  
 SCALE: 1"=40' DATE: 4-15-92

VITTI, ROBEL & ASSOCIATES, INC.  
 ENGINEERING & SURVEYING  
 1717 YORK ROAD SUITE 2B LUTHERVILLE, MD 21093  
 252-4552



I CERTIFY THAT ABOVE MEASUREMENTS  
 ARE ACTUAL AND CORRECT FOR THIS PROPERTY.  
 SIGNED: *Anthony J. Vitti*