

P. 3A940

A 27914

SEWAGE DISPOSAL SYSTEM
MARYLAND STATE DEPARTMENT OF HEALTH*

DISTRICT 3rd

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 3/1/83

DATE SYSTEM APPROVED 3/19/81

INSPECTOR C. Wilkin

Frances Bollinger

IS PERMITTED TO INSTALL X ALTER _____

ADDRESS Bollinger Road, Westminster, Maryland 21157 PHONE 848-6527

SUBDIVISION Triadelphia Farms Estates II ROAD 13368 Triadelphia Rd LOT 12B

PROPERTY OWNER Kenneth Scholl

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the distribution box at a point 40 feet from the front (215.50') lot line and 110 feet from the left (310') lot line as seen when facing the lot from Triadelphia Road. Run trenches on contour toward left and right front corners.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank....

PLANS APPROVED BY S. Abel DATE 12/31/86

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.

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

BLDG. PERMIT SIGNED
AND RETURNED 7/2

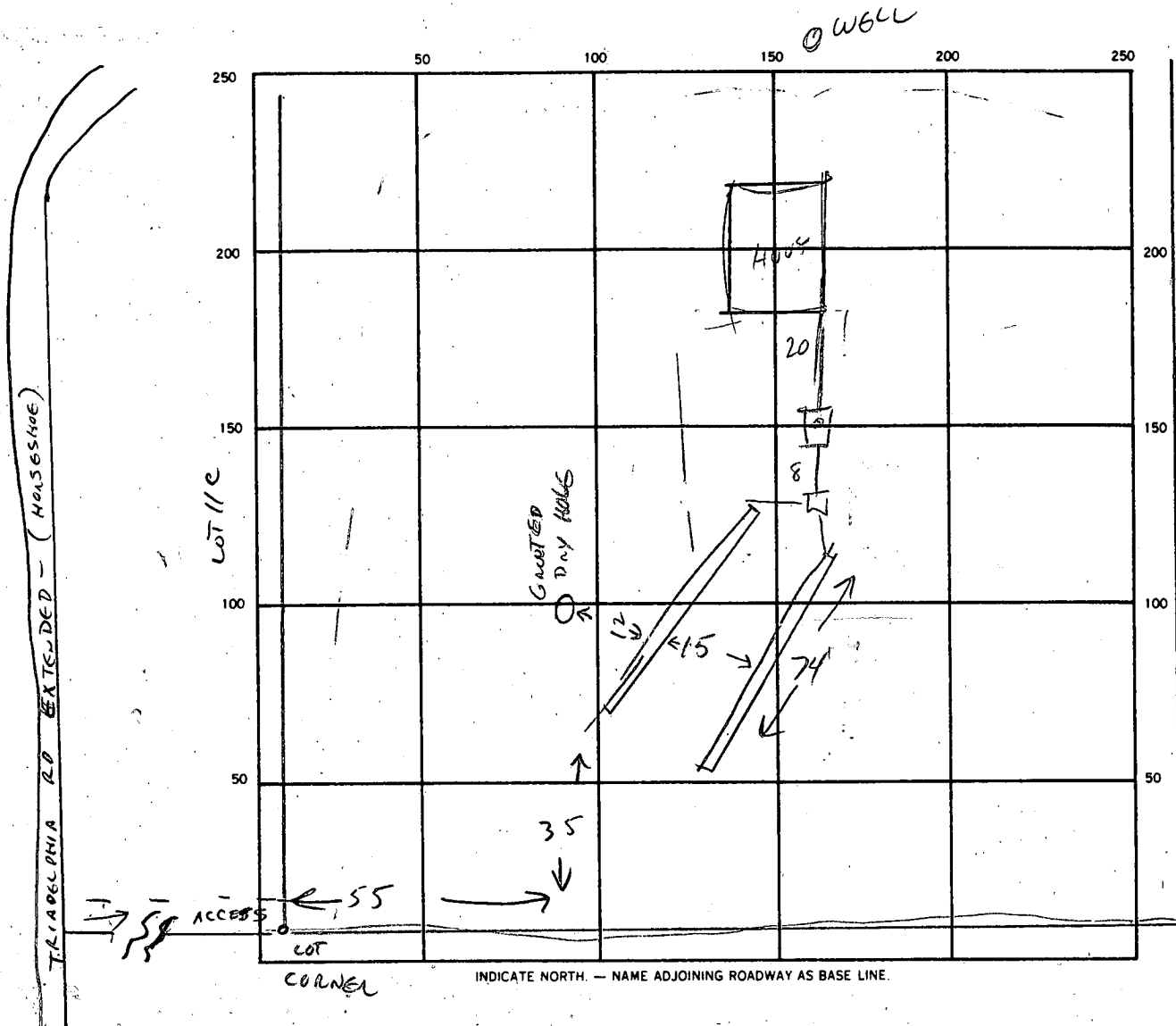
Unit # 1348

CAST IRON. CONC
Black

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.**

EH - 2-1186



SEPTIC TANK. LEVEL ✓

CLEANOUTS ST

DISTRIBUTION BOX. LEVEL ✓

DRAIN FIELD/TILE FIELD. DEPTH 9 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 148 FT.

NUMBER OF TRENCHES 2 (74+74) ONE SIDEWALL/BOTTOM AREA 740 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS SEVERAL UNSUCCESSFUL WELL ATTEMPTS RESULTED IN MOVING
WELL SITE TO BACK OF LOT, SEPTIC SYSTEM TO FRONT 3/30/87 COWELL
LOCATION ADJUSTED FROM B.P. PLAN DUE TO ELEVATION DISCREPANCIES.
3/19/87 TRENCHES OK - COVER ALL WORK. CW

DATE SYSTEM APPROVED 3/29/87

INSPECTOR Charles

I.P.
FOUND

I.P.
FOUND

1"=40'
N52°24'28"E 220.00'

0 well

stone driveway

LOT 12 B

68'±

69'±

see
detail

NO IMPACT ON WELL
OR SEPTIC
OK TO PROCEED
7/20/87
C. Williams

Deck
20'
16'±

SEPTIC

entrance to
basement

5.0' x 2.6' conc pad.
2.6' x 21' x 54' chimney

6' x 6' conc
porch

24.3'

22.4'

2.5'

24.7'

28.4'

2.5'

2.2'

2.5'

2.2'

2.5'

2.2'

2.5'

2.2'

2.5'

2.2'

2.5'

2.2'

2.5'

2.2'

2.5'

2.2'

2 story vinyl
siding w/
brick veneer

Detail

bay window

2.5' x 3.5' ac
units

573°17'00"W 215.50'

S19°32'53"E 322.79'

N16°43'00"W 678.89'

EASEMENT RECERTIFIED THIS
(931/384) 1st OF JUNE, 1987.

20' EASEMENT
(921/321)

LOT 9B

193.62'

OW

279.56

N 52° 24' 28" E

220.00

⊕ Well

LOT 12B

o-day well holes
o-potential
o-rules.

PREVIOUS
LOT 12C

Basement not
on
sewage

F.F. 607' V

BASE 598' V

IND. ELEV. HOUSE 603.5

IND. ELEV. TANK 602.9

603.2

602.9

604

602

601

602

601

602

601

602

601

602

601

602

601

602

601

602

601

602

516° 43' 00" E 678.82'

340.00'

S 73° 17' 00" W 215.50'

342.79' E
1519° 32' 53" E

N 73° 17' 00" E

404.00'

C1	2571	SEQUENCE NO. (OEP USE ONLY)	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.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37		COUNTY NUMBER		A 27914

DATE Received	DATE WELL COMPLETED	Depth of Well	PERMIT NO.
8 9 10 11 12 13	092986	22 325 26 (TO NEAREST FOOT)	FROM "PERMIT TO DRILL WELL" 40-81-1524
OWNER		last name first name TOWN	
VANTAGE HOMES INC.		School Kenneth	
STREET OR RFD		TRIADELPHIA RD.	
SUBDIVISION		TRIADELPHIA FARMS III	
SECTION		LOT 128	

WELL LOG		
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	
SAND	0 53	
GRAY MICHA ROCK	53 325	✓

GROUTING RECORD	
yes no	
WELL HAS BEEN GROUTED	
(Circle Appropriate Box)	
TYPE OF GROUTING MATERIAL	
CEMENT	BENTONITE CLAY
CM	BC
NO. OF BAGS	NO. OF POUNDS
12	1128
GALLONS OF WATER	
12	
DEPTH OF GROUT SEAL (to nearest foot)	
from 0 ft. to 50 ft.	
(enter 0 if from surface)	

CASING RECORD		
casing types insert appropriate code below		
ST	CO	
STEEL	CONCRETE	
PL	OT	
PLASTIC	OTHER	
MAIN CASING TYPE		
57	6	60
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		
insert appropriate code below		
ST	BR	HO
STEEL	BRASS	OPEN HOLE
PL	OT	
PLASTIC	OTHER	

C2	
DEPTH (nearest ft.)	
40 59 325	
EACH SCREEN	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	
SLOT SIZE 1 2 3	
DIAMETER OF SCREEN (NEAREST INCH)	
56 60	

GRAVEL PACK	
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68	
68	

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)		
T	(E.R.O.S.)	WQ
70	72	74 75 76
TELESCOPE CASING	LOG INDICATOR	OTHER DATA

C3		
PUMPING TEST		
HOURS PUMPED (nearest hour)		
6		
PUMPING RATE (gal. per min. to nearest gal.)		
3		
METHOD USED TO MEASURE PUMPING RATE		
bucket		
WATER LEVEL (distance from land surface)		
BEFORE PUMPING		
34		
WHEN PUMPING		
203		
TYPE OF PUMP USED (for test)		
A	P	T
air	piston	turbine
C	R	O
centrifugal	rotary	other (describe below)
J	S	
jet	submersible	

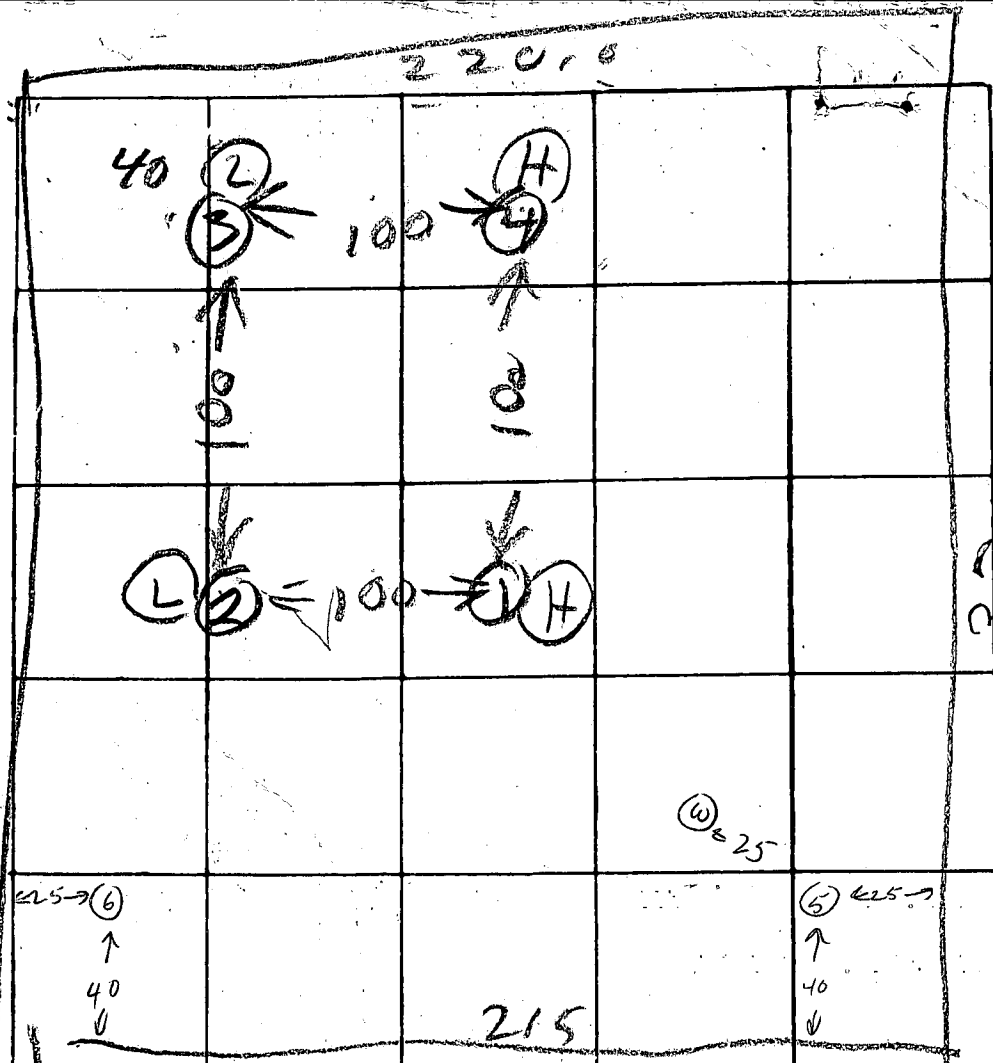
PUMP INSTALLED	
DRILLER WILL INSTALL PUMP (YES or NO)	
YES NO	
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE	
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:	
CAPACITY: GALLONS PER MINUTE (to nearest gallon)	
31 35	
PUMP HORSE POWER	
37 41	
PUMP COLUMN LENGTH (nearest ft.)	
43 47	
CASING HEIGHT (circle appropriate box and enter casing height)	
+ above	
- below	
LAND SURFACE (nearest foot)	
1	

LOCATION OF WELL ON LOT	
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)	
FRONT	
BACK	
118'	

CIRCLE APPROPRIATE LETTER	
A 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. 238	
DRILLERS SIGNATURE	
(MUST MATCH SIGNATURE ON APPLICATION)	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	

12B

A27914



12B

DATE	TEST NO.	DEPTH	PRE-WET		TEST 1" DROP		TIME
			START	STOP	START	STOP	
5/10/78	1S	4	218	220	220	221	1
	1D	12	219	229	229	343	14
	2S	4	225	227	227	230	3
	2D	12	333	336	336	355	19
	3S	3/2	337	335	335	342	7
	3D	13	337	344	344	355	11
	4V	12	701	417	CLAY	CLAY	
7/4/86	5	4 8 13	4' CLAY	THEN	MICA COAM TO 13'		
7/14/86	6	4 8 12	4' CLAY	THEN	MICA COAM TO 13'		

REMARKS

TYPE OF SOIL

TESTED BY

ALSO PRESENT

R.H. 5/10/78
CW 7/15/86F.Y.O.C.K.
RUSH

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

July 16, 1986

Vantage Homes, Inc.
606 Edmondson Avenue
Catonsville, Maryland 21228

RE: Lot 12B
Triadelphia Farms II

To Whom It May Concern:

This is to advise that the percolation re-test conducted July 15, 1986 at the above referenced property was successful; allowing certain adjustments in the well and septic location.

A previously unavailable location (75' from the West lot line and 15' from the North lot line) has been approved as an alternate well site. Once a well has been successfully established in this or another location, several adjusted arrangements for the septic area are possible.

Depending upon the final arrangement of the septic area, one or both of the previously drilled dry holes may have to be included in the sewage easement. Extra care would then be required to seal these holes to reduce the risk of sewage contamination to the water supply. Improper sealing of these wells would forfeit the right to use certain areas for the sewage easement and could result in withdrawal of approval of this property as a buildable lot.

Please have your well driller contact this office for further instructions regarding proper abandonment procedures. Also, please have your site engineer contact this office for assistance in preparing a revised percolation plat of the property.

If you have any questions relative to this matter, please call me at 461-9933.

Very truly yours,

A handwritten signature in cursive script that reads "Craig Williams".

Craig Williams, Director
Water and Sewerage Program

CW:JR

VANTAGE HOMES, INC.

606 Edmondson Avenue - Suite 303
Catonsville, Maryland, 21228
(301) 744-8177

July 25, 1986

Howard County Health Department
Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

ATTN: Mr. Craig Williams

RE: Lot 12B, Triadelphia Farms II

Dear Graig:

I have reviewed your letter, dated July 16, 1986, with Mr. and Mrs. Kenneth Scholl, the current owners of the above captioned property.

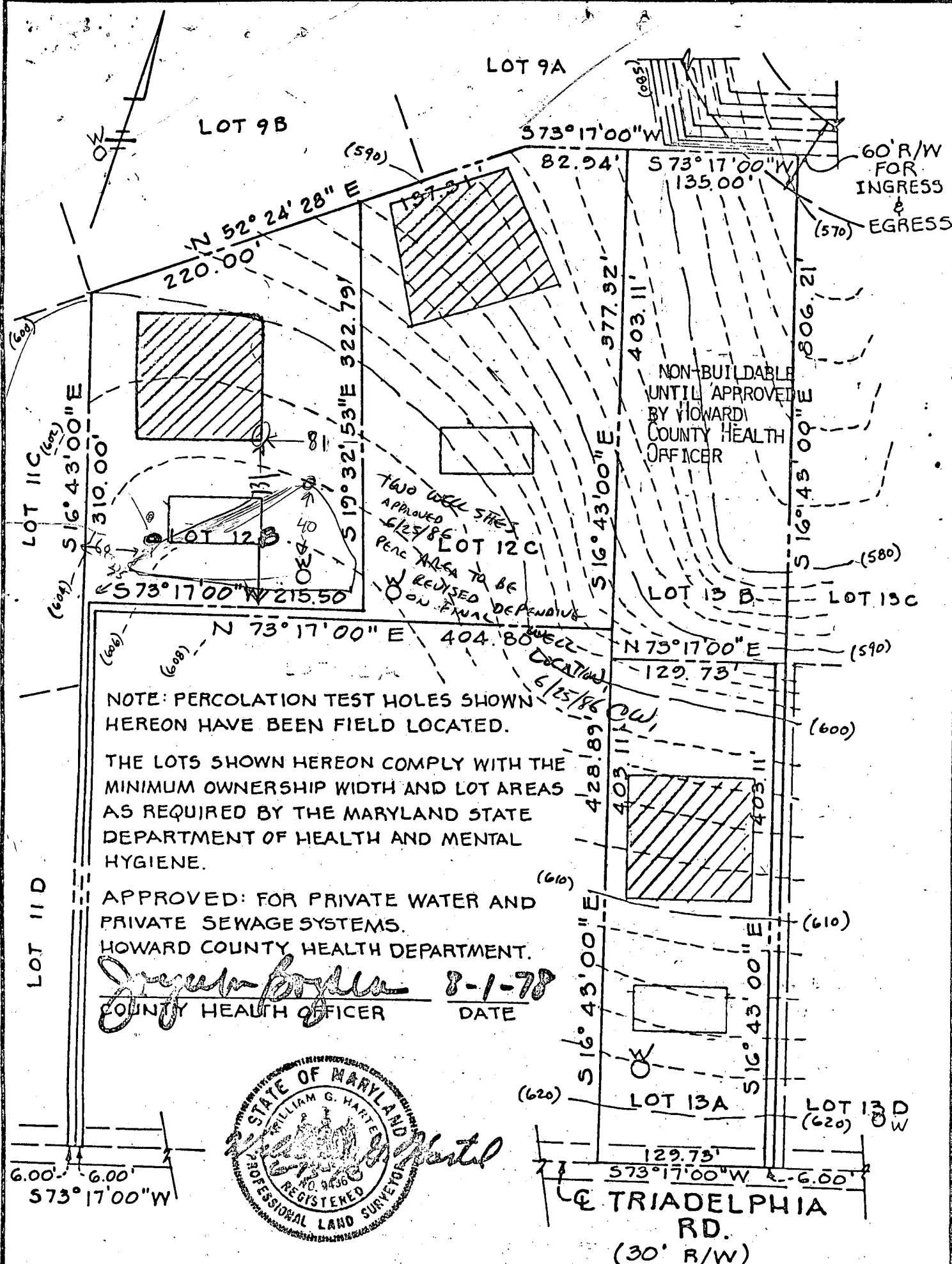
Considering our conversation on the day of the reperc, you had informed me that the State health official had reviewed this project and had concluded that the two (2) existing dry wells are to be filled with a concrete and expansive clay mixture. Your recommendation was to allow the top hole to be filled in a regular manner and to comply with the State health official for the lower hole. Also, discussed was the possibility of the casing remaining on both shafts to insure against improper ground contamination.

Considering the relative expense of the above items, the owners have requested that I write to you on their behalf to ascertain the exact procedures of abandonment on the two (2) existing dry holes. Also, we would appreciate your reply to the following questions:

1. As per your earlier comments, which well(s), if any, will have to be filled with concrete? Additive clay mixture?
2. Is this a standard procedure and, if so, who requires it?
3. Will the casing have to remain on either drilled hole? If so, how much?
4. Is this a standard procedure, and, if so, who requires it?
5. If the next hole comes in dry, what are the next specific steps?

Approved & Signed 8-1-78. E

K&E BALTIMORE 10 9153 ALBANESE S-77 MC92354



TITLE

PERCOLATION PLAT

PROJECT

LOTS 12B-12C-13A
TRIADELPHIA FARMS II

LOT 9A

LOT 9B

THIS SITE
STAKED & APPROVED (590)
7/7/86 C.W.
N 52° 24' 28" E

573° 17' 00" W

82.94'

573° 17' 00" W

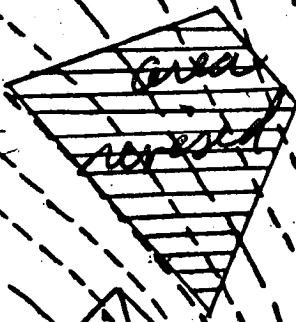
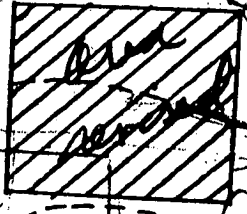
135.00'

60' R/W
FOR
INGRESS
&
EGRESS

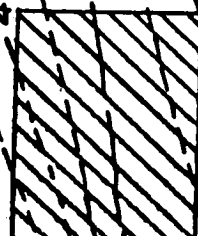
(570)

230.00'
WELL SITE
OK 7/1/86

S 19° 32' 53" E 322.79'



LOT 12C



LOT 13B

LOT 13C

573° 17' 00" W 215.50'

N 73° 17' 00" E 404.80'

LOT 12A

NOTE: PERCOLATION TEST HOLES SHOWN
HEREON HAVE BEEN FIELD LOCATED.

THE LOTS SHOWN HEREON COMPLY WITH THE
MINIMUM OWNERSHIP WIDTH AND LOT AREAS
AS REQUIRED BY THE MARYLAND STATE
DEPARTMENT OF HEALTH AND MENTAL
HYGIENE.

APPROVED: FOR PRIVATE WATER AND
PRIVATE SEWAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT.

COUNTY HEALTH OFFICER

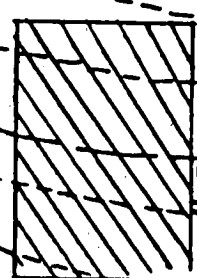
DATE

428.89'

(60)

S 16° 43' 00" E

403.11'



LOT 13A

(610)

S 16° 43' 00" E

LOT 13D

(620)

129.73'

573° 17' 00" W

6.00'

TRIADELPHIA
RD.
(30' R/W)

6.00' 6.00'
573° 17' 00" W

TITLE

PERCOLATION PLAT

Howard County Health Department
RE: Lot 12B, Triadelphia Farms II

July 25, 1986

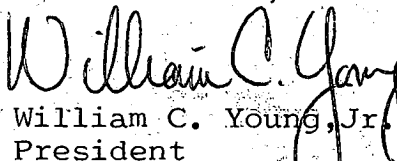
6. Is there a special mix of concrete that must be used; if so, what is it?
7. What is the special clay additive?
8. Should it be determined that this procedure is a necessary function, who can performed the work?
9. Can an alternate well site be determined prior to the drilling of the next hole?

Please let me have your answers as quickly as possible so I may advise the Scholl's as to where they stand.

If I may be of any further assistance, please do not hesitate to contact me at the above telephone number.

Sincerely,

VANTAGE HOMES, INC.


William C. Young, Jr.
President

WCY:drp

CF:
Mr. & Ms. Scholl

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



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3525 Ellicott Mills Drive
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August 1, 1986

Mr. William Young, Jr., President
Vantage Homes, Inc.
606 Edmondson Avenue - Suite 303
Catonsville, Maryland 21228

RE: Triadelphia Farms II
Lot 12B

Dear Mr. Young:

This is in response to your letter of inquiry dated, July 25, 1986, concerning Lot 12B, Triadelphia Farms II. I hope that I have answered your questions to your satisfaction. If not, please call me.

1. Any dry hole located within 50 feet of the bounds of the adjusted septic reserve area will require the clay additive.
2. Clay additives are standard wherever extra precaution is deemed necessary by the approving authority.
3. The casing on any unused well should be removed.
4. Removal of casing on dry holes is standard practice.
- 5&9. Contact Health Department when drilling begins so there are no untimely delays if problems arise.
- 6,7&8. The well driller is familiar with the use of Bentonite clay and can mix it with the standard Portland cement grout mix.

Very truly yours,

A handwritten signature in cursive script that reads "Craig Williams".

Craig Williams, Director
Water and Sewerage Program

CW:JR