

8/10/87 AM

8/7/87
1030-1110 PM

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

P 39823

A 27912

DISTRICT 3rd

DATE 8/6/87

DATE SYSTEM APPROVED 8/10/87

INSPECTOR C. Miller

Dave Hopkins

IS PERMITTED TO INSTALL X ALTER

ADDRESS 17550 Old Frederick Road, Mt. Airy, Maryland 21771 PHONE 831-7257

SUBDIVISION Triadelphia Farms II ROAD 13342 Triadelphia Road LOT 9C

PROPERTY OWNER J. R. Phillips Construction

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

170
668.0
113 ft trench

TRENCHES - 170 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 3 feet below original grade. 6 feet of stone below distribution pipe.

LOCATION - Place the distribution box 110 feet from the front (199.62') lot line and 90 feet from the right (559.12') lot line as seen when facing the lot from roadway to the right of way. Run trenches on contour toward front and back lot lines.

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

PLANS APPROVED BY S. Abel DATE 3/24/87

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.

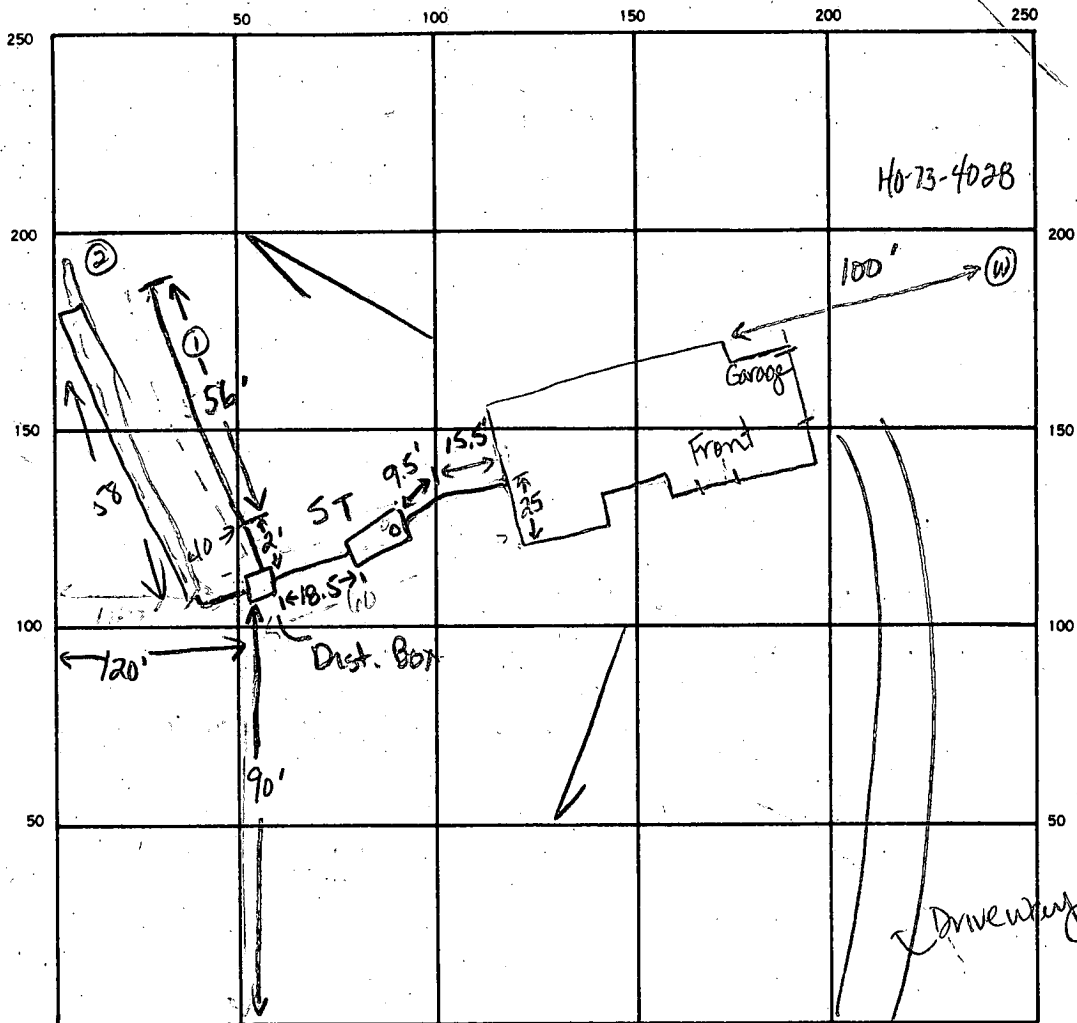
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 27912



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

Triadelphia Farms II Road

SEPTIC TANK. LEVEL OK 1250 gal ✓ CLEANOUTS OK ST

DISTRIBUTION BOX. LEVEL OK ✓ baffle in box

DRAIN FIELD TILE FIELD. DEPTH 9 ^① _② FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 ^① _② FT.

EFFECTIVE GRAVEL DEPTH 6 FT. TOTAL LENGTH 56 ^① _② FT. 38 ^② = 114

NUMBER OF TRENCHES 2 ONE SIDEWALL BOTTOM AREA 336 ^① _② SQ. FT.

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

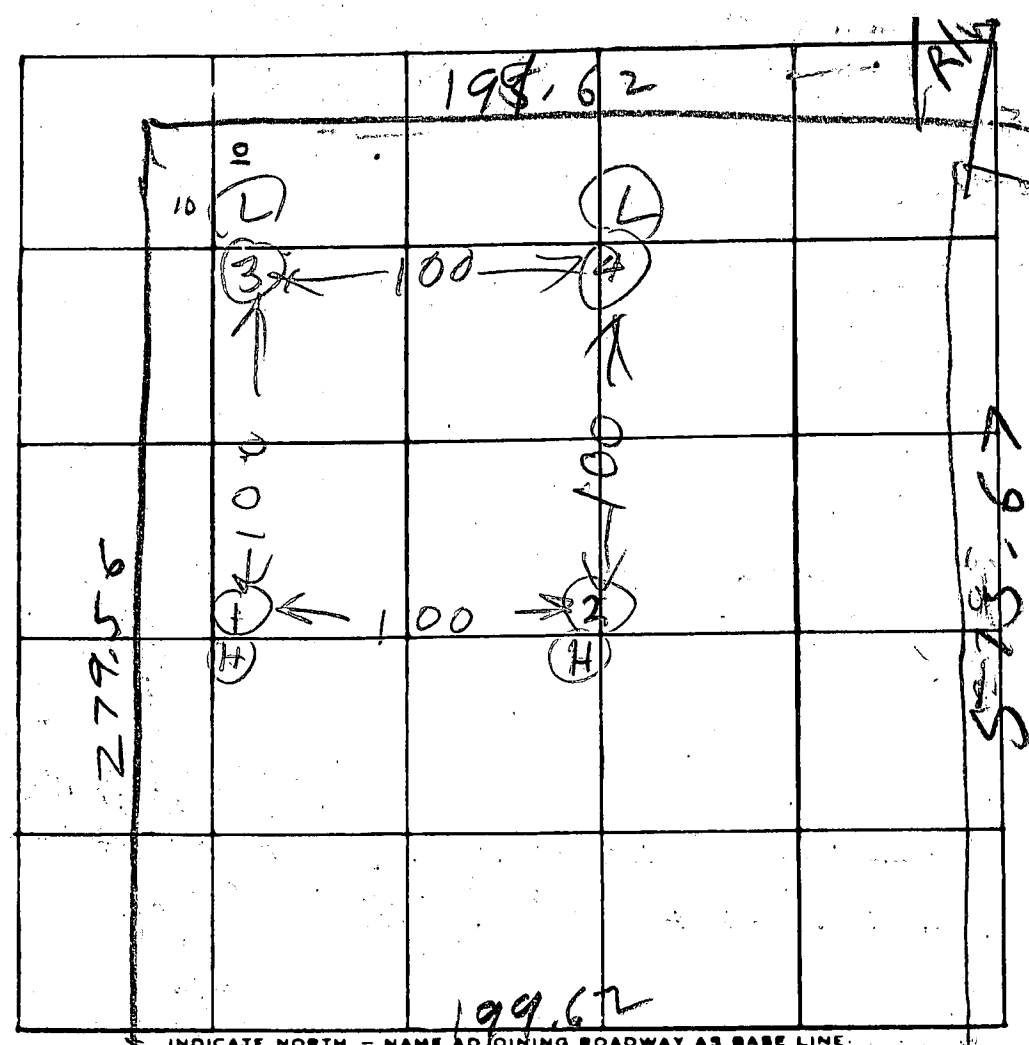
ABSORBENT AREA 684 SQ. FT.

REMARKS 8-7-87 OK to add stone and pipe to trench one. JEN
8-7-87 OK to cover all work to distribution box and
trench ①. Call for final. OK to cover center of trench 2.
JEN

DATE SYSTEM APPROVED 8/10/87 INSPECTOR C. W. L. L.

lot. 9C

A27912



DATE	TEST NO.	DEPTH	PRE-WET		TEST 1" DROP		TIME
			START	STOP	START	STOP	
5/1/78	1S	3 1/2	1040	1042	1046	1045	3
5/1/78	1D	12 1/2	1040	1042	1042	1046	3
	2S	6	1044	1057	1057	1102	5
	2D	12 1/2	1045	1052	1052	1102	10
	3S	3	1049	1051	1051	1053	2
	3D	13 1/2	1049	1052	1052	1056	4
	4S	3 1/2	1056	1057	1057	1103	5
5/1/78	4D	12 1/2	1056	1100	1100	1110	16

REMARKS _____

TYPE OF SOIL _____

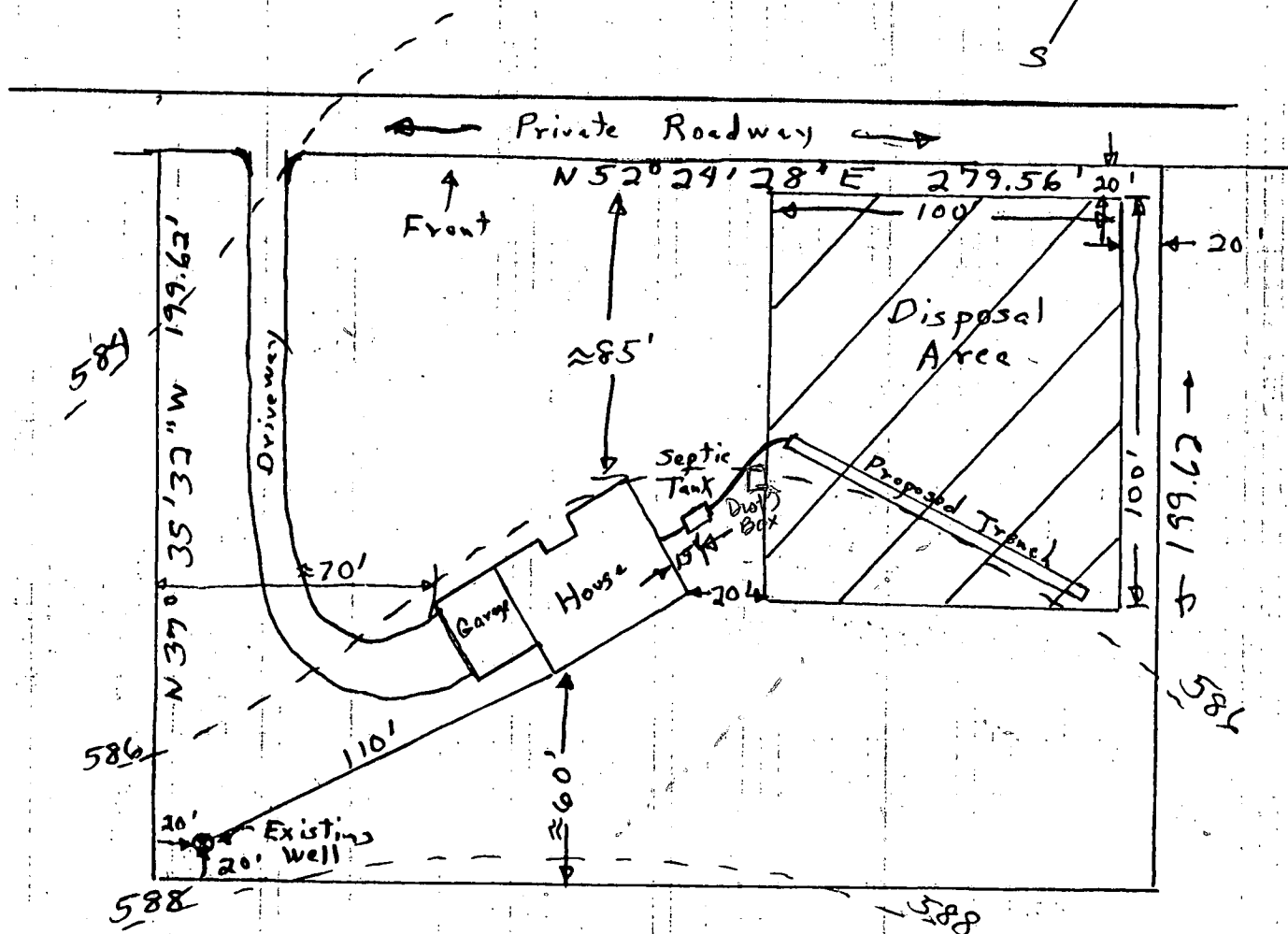
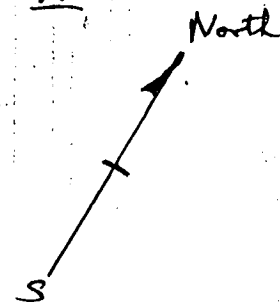
TESTED BY B12 ALSO PRESENT: FROCK
D. RUSSELL

9C

9C

Revised 4/21/87

Lot 9C Tridelphia Farms II
13342 Tridelphia Road
Ellicott City, Md. 21043



Planned Elevations

- ✓ 591.0 = Finished Floor = ~~584.5~~
- ✓ 583.5 = Basement Floor = ~~583.5~~
- ✓ 584.5 = House Waste Out (-BSMT) = ~~584.5~~
- ✓ 583.75 = Septic Tank In = ~~583.75~~
- ✓ 583.5 = Septic Tank Out = ~~583.5~~
- ✓ 583 = Trench Inlet = ~~583.0~~

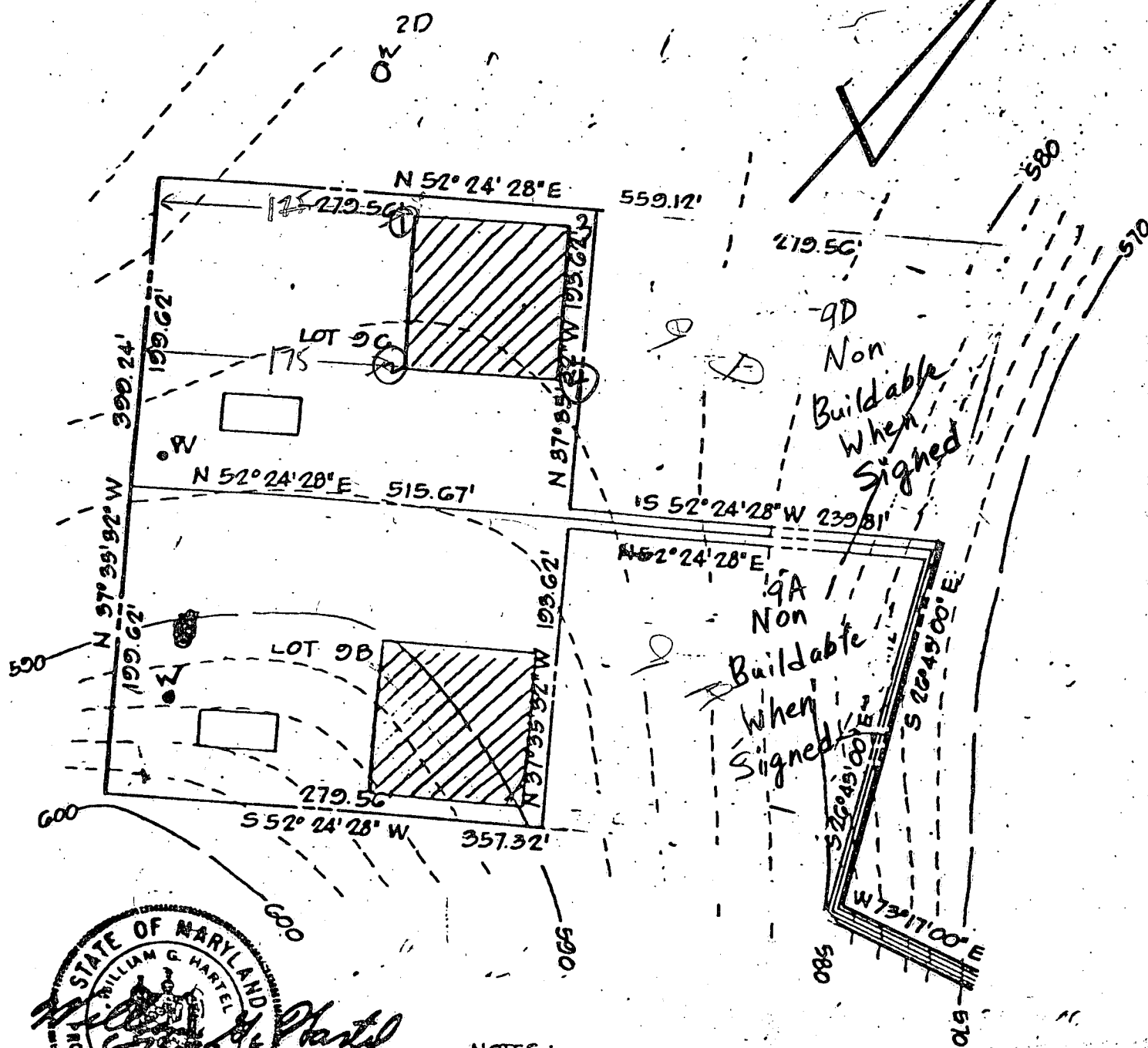
BLDG. PERMIT SIGNED
AND RETURNED 4-20-87

Scale 1" = 50 feet

BP11180
8/16/87 *ellumink*
8/16/87 *8/16/87*

I certify that the above
measurements & elevations are actual & correct
for this property.

Chas C Phillips



NOTES:

1. 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.
2. PERCOLATION TEST HOLES HAVE BEEN FIELD LOCATED.
3. TOPO SHOWN HEREON IS BASED ON U.S.G.S. TOPOGRAPHIC SURVEY MAPS.

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

William G. Hartel
COUNTY HEALTH OFFICER 10-24-78

TITLE PERCOLATION TEST PLAT			
PROJECT TRIADELPHIA FARMS-SECT. 2-LOTS 9, B & C, ..			
LOCATION 3RD ELECTION DISTRICT		HOWARD CO., MD.	
DATE: APRIL, 1978	DESIGN BY: -	DRAWN BY: J.J.B.	CHECKED BY: <i>Q.A.S.</i>
SCALE: 1"=100'	JOB NO.: 77228	DRAWING NO.: 1 OF 1	

boender associates

engineers
surveyors
planners

2 SETS MAKE 3

Do Not Remove
Office Copy

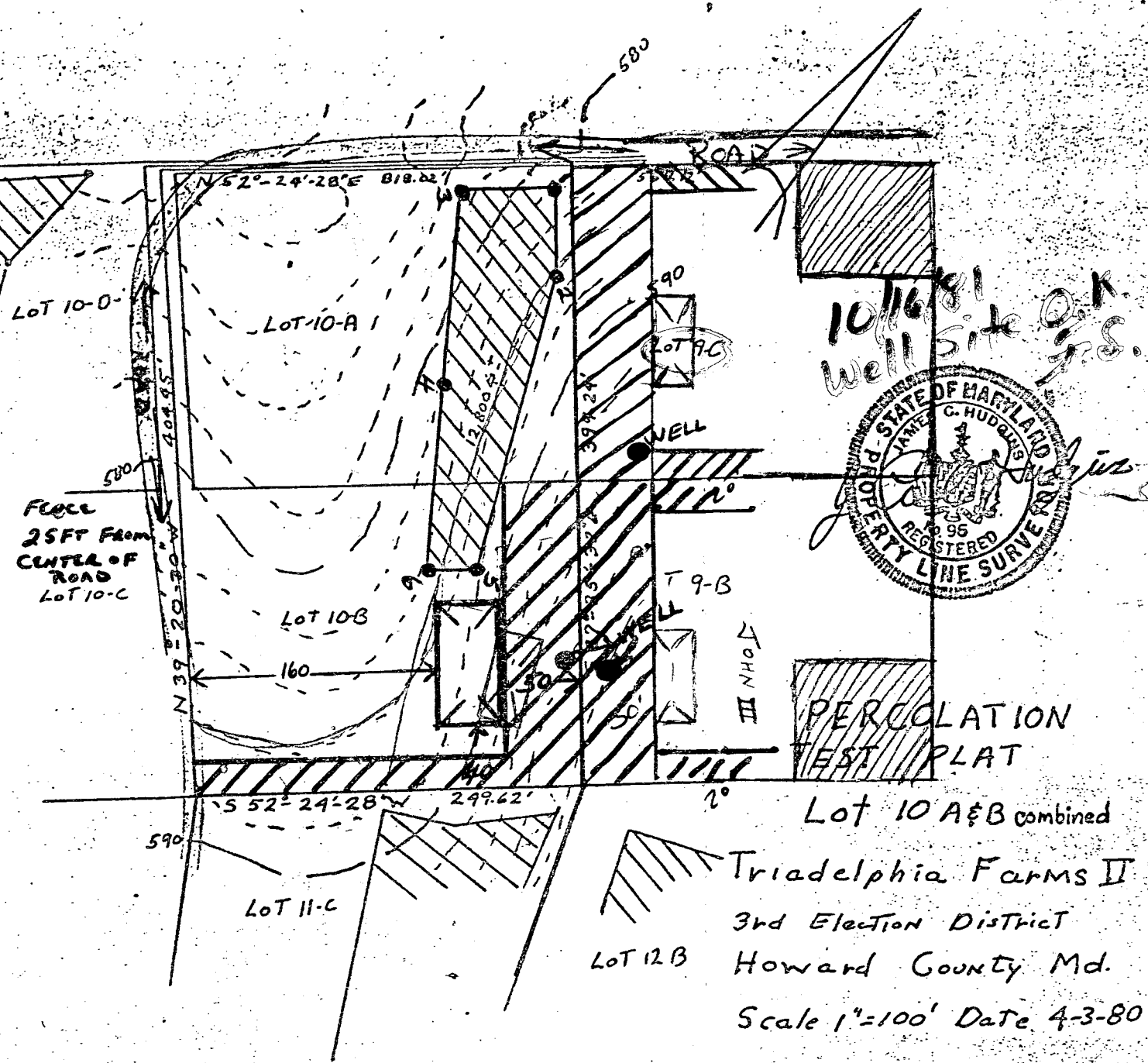
Approved for Private Water and Private Sewage Systems.

This area indicates a private easement of approximately 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual disposal. Improvements of any kind in this area are restricted until public sewage is available and servicing any residential structures constructed on this site. This easement shall become null and void upon connection to a public sewage system. Percolation test holes shown hereon have been field located and shown as "⊕". 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. Percolation areas and water wells for adjoining lots have been shown where pertinent.

Approved: For Private Water and Private Sewage Systems.
Howard County Health Department

James Byrnes
County Health Officer

4-15-8
Date



10/16/81
Well Site O.K.



Lot 10 A & B combined
Triadelphia Farms II
3rd Election District
Howard County Md.
Scale 1"=100' Date 4-3-80

B 1 11867

SEQUENCE NO.
WRA USE ONLYSTATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER

H0-73-4028

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

please print or type

fill in this form completely

DATE RECEIVED

10/7/81

8 (WRA USE ONLY) 13

OWNER INFORMATION

Cosentino

John A

LAST NAME

OWNER

FIRST NAME

4040 JAY-EM CIRCLE

STREET OR RFD

ELLICOTT CITY MD 21043

TOWN

STATE

ZIP

B 1 CONTINUED

DRILLER INFORMATION

Howard Dillon

209

DRILLER'S NAME

77 LICENSE NO. 80

Howard Dillon

10/6/81

SIGNATURE

DATE

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN)

5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)

300

USE FOR WATER (CIRCLE APPROPRIATE BOX)

☒

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

☐

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

☐

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

☐

PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

☐

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL

250

FEET

APPROXIMATE DIAMETER OF WELL

6

NEAREST INCH

Method of Drilling (circle one)

BORED (OR AUGERED)

JETTED

JETTED & DRIVEN

30-37 AIR ROTARY

AIR PERCUSSION

ROTARY (HYDRAULIC)

CABLE

REVERSE ROTARY

DRIVE POINT

ROTARY

other

REPLACEMENT OR DEEPEMED WELLS

(Circle Appropriate Box)

☒

THIS WELL WILL NOT REPLACE AN EXISTING WELL

☐

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

☐

THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY

☐

THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (WRA USE ONLY)

APPROX. PERMIT NUMBER

GAP

WRITE

FORCE INITIALS

CONDITIONS

A E N S G W Q C L U

H0-73-4028

B 3

LOCATION OF WELL

COUNTY

HOWARD

SUBDIVISION

TRADELPHIA FARMS

SECTION

2

LOT

9C

NEAREST TOWN

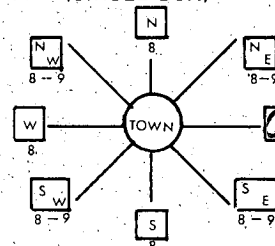
GLENELG

MILES FROM TOWN (enter 0 if in town)

2

MI

B 4

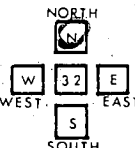
DIRECTION OF WELL FROM
TOWN (CIRCLE BOX)

TRADELPHIA

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD

(CIRCLE APPROPRIATE BOX)



1000

34 DISTANCE FROM ROAD

(CIRCLE APPROPRIATE BOX)

FEET

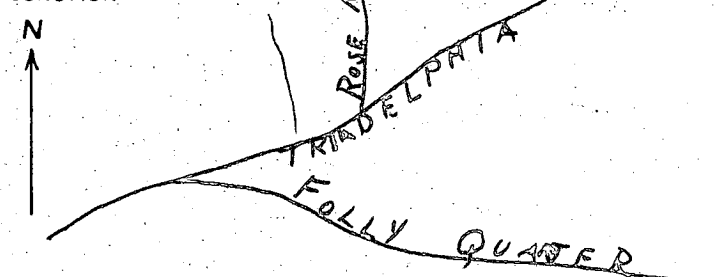
MI

SHOW LOCATION OF WELL WITH
AN "X" IN THIS BOX

11/27/81
40' casing
30' open hole
1 1/2" casing above ground
Location OK
11 bags of cement
O.K. F.S.

WRITE THE BOX NUMBER
FROM THE MAP HERE

8006
5202

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL
IN RELATION TO NEARBY TOWNS AND ROADS AND
GIVE DISTANCE FROM WELL TO NEAREST ROAD
JUNCTION

B 4

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

HOWARD

A27912

COUNTY NAME

COUNTY NO.

EHA
SIGNATURESTATE HEALTH
CIRCLE BOX

S

MO DAY YR

10

16

81

CO

SIGNATURE

DATE

10/16/81

ELEV. (FT.)

522

EAST

0806

ELEV. (FT.)

GRID

50

GRID

57

GRID

63

GRID

65

GRID

68

B 5

SPECIAL CONDITIONS

8-63

(WRA USE ONLY)

7888022

HEALTH

C1 1309	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.
(THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)		COUNTY NUMBER	A27912
Date Received (OEP use only)	DATE WELL COMPLETED 111381	Depth of Well 245 (TO NEAREST FOOT)	PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-73-4028

OWNER last name Cossentino	first name John A	
STREET OR RFD Triadelphia Road	TOWN Glenelg	
SUBDIVISION Triadelphia Farms	SECTION 2	LOT 9C

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 FROM TO	Check if water bearing
Mica Sand	0 - 60	
Mica Rock	60 - 245	X

GROUTING RECORD	
WELL HAS BEEN GROUTED (Circle Appropriate Box)	
yes Y	no N
TYPE OF GROUTING MATERIAL	
CEMENT CM	BENTONITE CLAY BC
NO. OF BAGS 11 NO. OF POUNDS 1105	
GALLONS OF WATER 88	
DEPTH OF GROUT SEAL (to nearest foot)	
from 48 TOP	to 30 BOTTOM 58 ft.
(enter 0 if from surface)	

CASING RECORD	
casing types insert appropriate code below	
ST STEEL	CO CONCRETE
PL PLASTIC	OT OTHER
MAIN CASING TYPE	
S	T
Nominal diameter top/main casing (nearest inch)	
6	32
Total depth of main casing (nearest foot)	
60	61

OTHER CASING (if used)	
depth (feet) from	to

SCREEN RECORD		
screen-type or open hole		
insert appropriate code below		
ST STEEL	BR BRASS	HO OPEN HOLE
	BRONZE	
PL PLASTIC	OT OTHER	

C2					
Seq. no.					
DEPTH (nearest ft.)					
8	9	11	15	17	21
32	245				
23	24	26	30	32	36
38	39	41	45	47	51

SLOT SIZE		
1	2	3
DIAMETER OF SCREEN (NEAREST INCH)		
56	60	
from	to	

GRAVEL PACK	
IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX	
F	

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

C3		
Seq. no.		
PUMPING TEST		
HOURS PUMPED (nearest hour)		
6		
PUMPING RATE (gal. per min. to nearest gal.)		
6		
METHOD USED TO MEASURE PUMPING RATE		
WATER LEVEL (distance from land surface)		
BEFORE PUMPING		
35		
WHEN PUMPING		
200		
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			
YES NO			
Y N			
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)			
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE			
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O))			
CAPACITY: GALLONS PER MINUTE (to nearest gallon)			
31		35	
PUMP HORSE POWER			
PUMP COLUMN LENGTH (nearest ft.)			
37		41	47
CASING HEIGHT (circle appropriate box and enter casing height)			
above		LAND SURFACE	
below		2 (nearest foot)	

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)	

CIRCLE APPROPRIATE BOX	
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.	209
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)	

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

October 17, 1988

Occupant
13342 Triadelphia Road
Ellicott City, Maryland 21043

RE: Triadelphia Farms II, Lot 9C
13342 Triadelphia Road
Well Permit #HO-73-4028

Dear Occupant:

This is to advise you that the septic system was installed, inspected and approved on August 10, 1987.

The water sample recently submitted for testing was free of coliform and fecal coliform bacteria at the time of sampling and is bacteriologically safe for drinking.

FINAL CERTIFICATE OF POTABILITY

This certifies that all sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under permit(s) HO-73-4028.

Date of Final Sampling
July 26, 1988

Date of Acceptance
July 26, 1988

Jane E. Nadeau
Jane E. Nadeau, Sanitarian
Water and Sewerage Program

Water Sample Dates: 9/28/87
7/26/88

JEN:hs