

04-341791

Needs House connection } 0 3/23/89 P.C.O. C.B.O.

## PERMIT

SEWAGE DISPOSAL SYSTEM

P 33405

A 29476

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 4th

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

DATE 12/19/83

DATE SYSTEM APPROVED 6/28/90

INSPECTOR R.H.

Repair Permit P33405 INDEXED  
Paid For But Never Issued

Arnold Septic Service, Inc.

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION Poplar Springs ROAD 914 Watersville Road LOT 4

PROPERTY OWNER Hoke Rosensteel

ADDRESS 404 N. Main St. Mt. Airy Md. 21771

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

GARBAGE GRINDER? YES ☐ NO ☒

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 200 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Beginning from the rear left corner (Intersect of the left 334.35' and rear 580') place the first trench 180 feet across the rear lot line and 135 feet off the same lot line. Run trench on contour toward the rear of lot.

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

PLANS APPROVED BY Sid Abel DATE 6/01/88

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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

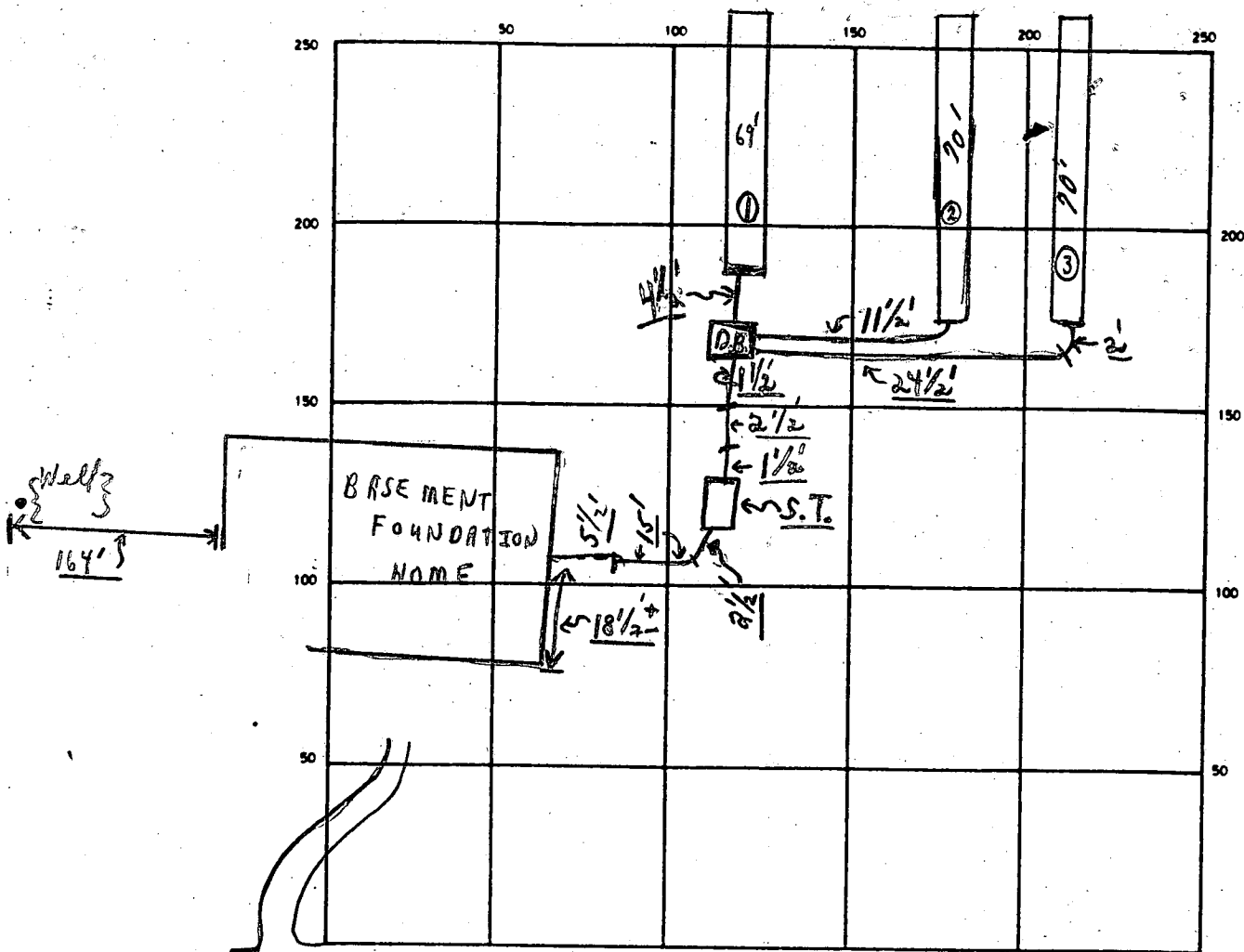
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

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

A 29476



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE

← WATERSVILLE ROAD →

C.O. #1 S.T. C.O.

SEPTIC TANK. LEVEL OK CLEANOUTS OK OK

DISTRIBUTION BOX. LEVEL {OK; Baffles in}

DRAIN FIELD/TILE FIELD. DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 69'; 70'; 70' } FT 209

NUMBER OF TRENCHES 3 ONE-SIDE/BOTTOM AREA 627 SQ. FT.

DRYWELL INSIDE DIAMETER        FT. EFFECTIVE DEPTH BELOW INLET        FT.

ABSORBENT AREA 627 SQ. FT.

REMARKS 3/23/89 OK TO COVER ALL WORK EXCEPT 7' FROM HOUSE OUT TO  
SEPTIC TANK. PARTIAL; C.B.D. (NEED TO SEE HOUSE CONNECTION)  
6/28/90 - SEPTIC TANK HOOKED TO HOUSE (WATER TEST) R/H

DATE SYSTEM APPROVED 6/28/90 INSPECTOR Raymond Hodges

Lot  
New 4

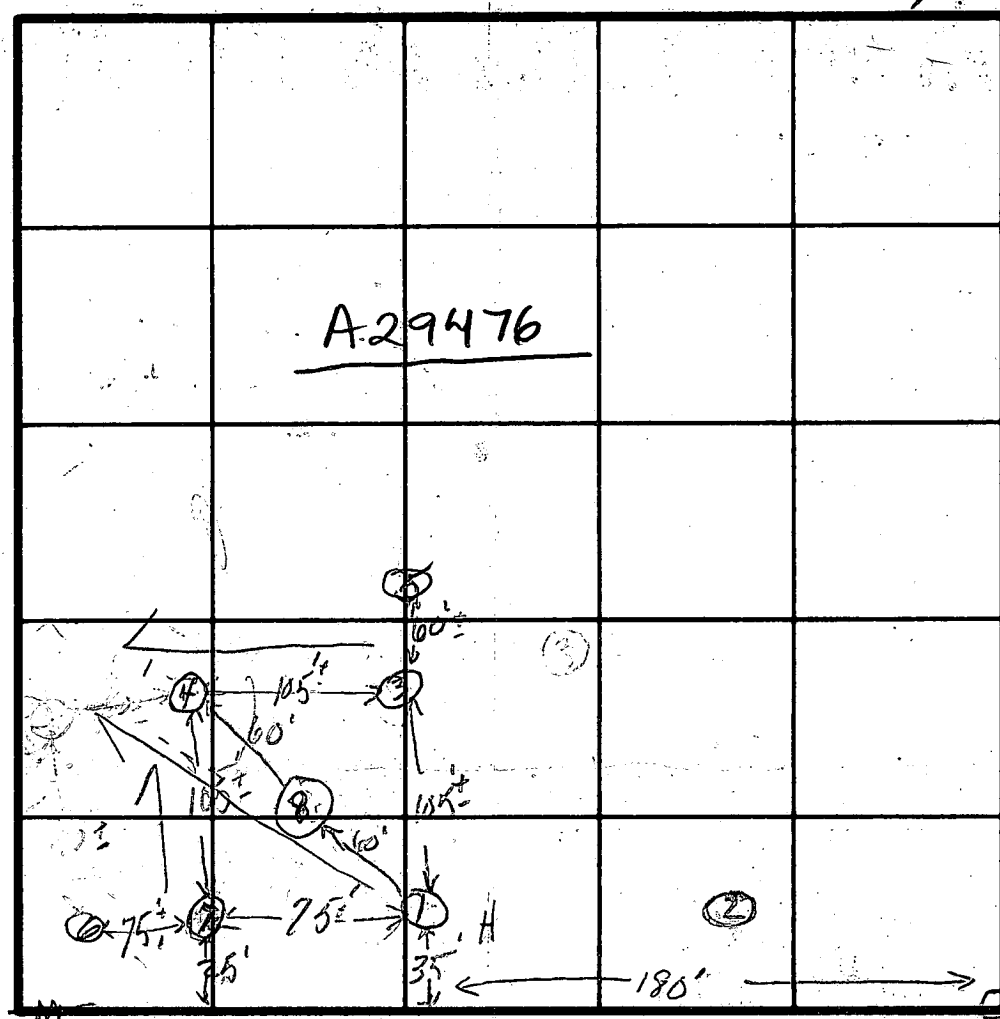
4

①⑦⑧

SOIL PROFILE

0'  
3'  
6'  
10 1/2'

clay  
Mostly  
SANDY  
loam  
+  
Some  
Shale  
Mostly  
w. Shale  
Some SANDY  
Loam  
HARD SHALE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

②③

Clay 2 1/2'  
SANDY  
loam  
w. shale 8'  
Mostly  
HARD  
Shale 10'

SEE  
Plat 8-80  
for hole  
location

④

3'  
1'  
9'

clay  
SANDY  
loam  
SANDY  
w. loam  
some  
w. shale

③

3 1/2'  
8'

clay  
w. shale  
+  
Some  
Loam  
HARD SHALE

Corr Lot 7  
J. Wallace

\* Dig ①  
to 11'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9-18-80	1s	3'	3:15	3:22	3:22	3:42	20m
	1M	9'	3:10	3:11	3:11	3:15	4min
	2	8'	Hard	Shale	couldnt	Dig 3' hole	
9-30-80	3s	4'	1:45	1:45:30	1:45:30	1:46	1 1/2 min
	3D	8'	1:45	1:48	1:48	1:58	10 min
	4s	4'	1:56	2:02	2:02	2:17	15 min
	4D	9'	1:56	1:59	1:59	2:09	10 min
	7v	10'	Similar To		Hole #1		
	5	6'	HARD	BLUE SHALE			
	6	5 1/2'	HARD	Blue shale			
	8v	10 1/2'	HARD Blue shale				

SEE pg 2

REMARKS DENSELY WOODED AREA, OLD LOT STAKES FOR LOT 7 OF  
Plat of 1-31-79

TYPE OF SOIL

TESTED BY SK. 9-18-80

ALSO PRESENT J. B. BENDER  
R. HATFIELD

A 29476

pg 2

10-22-80

93

3'

1:41

1:46

2:00

15 min

94M

8'

1:49

1:51

2 min

(9)

10D

8'

2:02

2:04

2:07

3 min

105

3'

2:06

2:10

2:17 2:27

10 min

2 1/2

Clay

w. Shale

+ Sand

Loam

8'

Shale

\*

2 min

2 in

(1)

(10)

2 1/2

Clay

w. Shale

+ Sand

Sandy

Loam

8

(2)

130'

(3)

(4)

80'

100'

70'

(7)

130'

(10)

(9)

GEORGIA CONNING PROP

WATERSVILLE RD

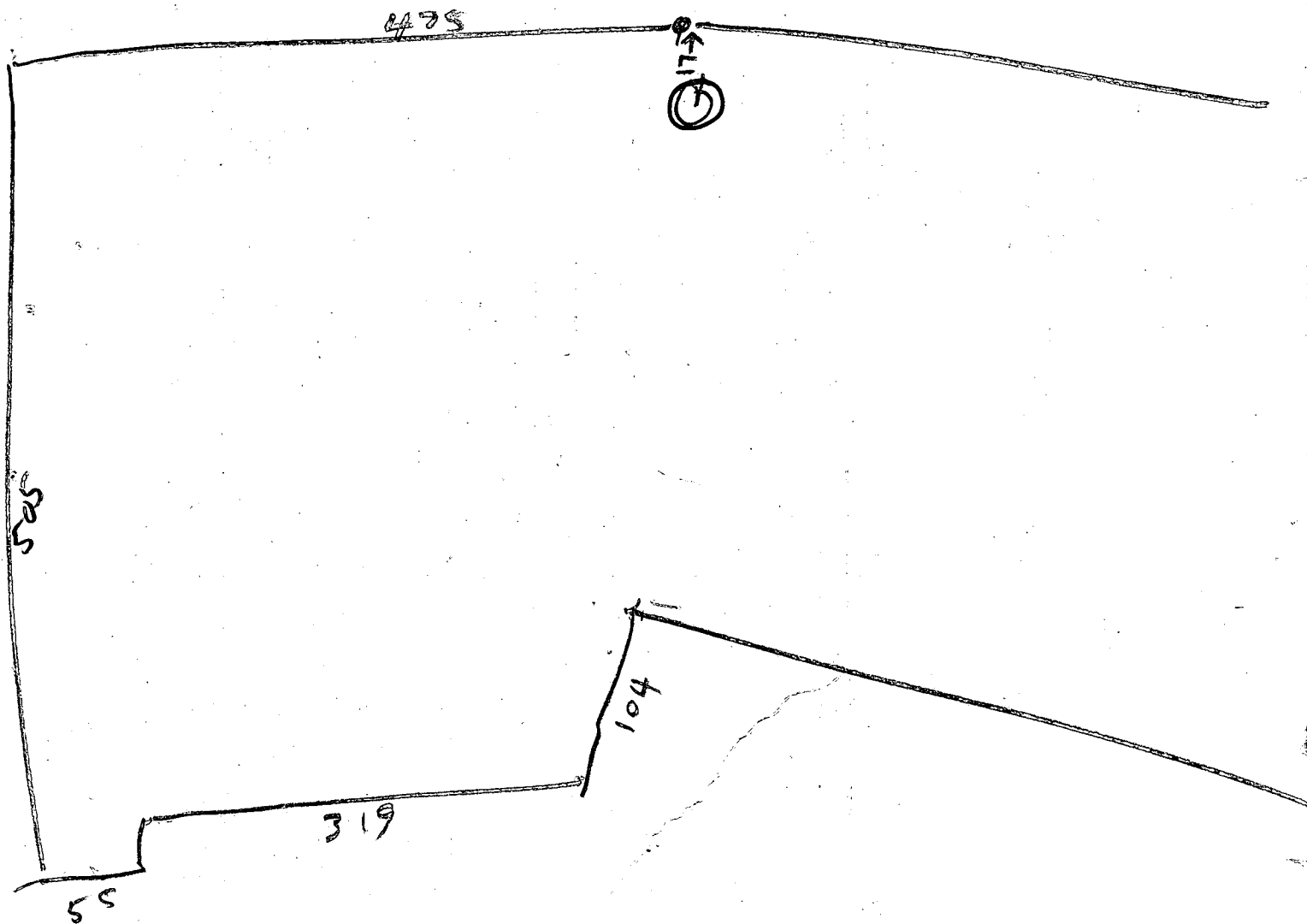
Lot 7

H<sub>0</sub>

see Plat

5/26	(IV)	6	TOP 2 FT CLAY MID 4 FT SHALE ROCK BOTTOM

SEE PLAT



NOTE: NO FEE FOR LOT #7  
HOWEVER LOT 4 & LOT 5 NOT  
YET TESTED 5/2/79 RH

<b>C1</b> 2047		SEQUENCE NO. (OEP USE ONLY)		<b>STATE OF MARYLAND</b> <b>WELL COMPLETION REPORT</b> 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 COLS. 3-6 ON ALL CARDS)								COUNTY NUMBER <b>A-29476</b>					
DATE Received		DATE WELL COMPLETED		Depth of Well				PERMIT NO. FROM "PERMIT TO DRILL WELL"					
[ ] [ ] [ ] [ ] [ ] [ ]		121087		22 245 26 (TO NEAREST FOOT)				40-81-2449					
OWNER		last name		first name		TOWN		SUBDIVISION		SECTION		LOT	
FOREMOST INDUSTRY INC.		WATASVILLE RCL.				POPULAR SPRINGS		POPULAR SPRINGS		4		4	
<b>WELL LOG</b> Not required for driven wells				<b>GROUTING RECORD</b>				<b>C3</b>					
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING				WELL HAS BEEN GROUTED (Circle Appropriate Box)				PUMPING TEST					
DESCRIPTION (Use additional sheets if needed)				TYPE OF GROUTING MATERIAL				HOURS PUMPED (nearest hour)					
CEMENT <b>CM</b> BENTONITE CLAY <b>BC</b>				PUMPING RATE (gal. per min. to nearest gal.)									
NO. OF BAGS NO. OF POUNDS				METHOD USED TO MEASURE PUMPING RATE									
GALLONS OF WATER				WATER LEVEL (distance from land surface)									
DEPTH OF GROUT SEAL (to nearest foot)				BEFORE PUMPING									
from 0 52 ft. to 32 58 ft.				WHEN PUMPING									
(enter 0 if from surface)				TYPE OF PUMP USED (for test)									
casing types insert appropriate code below				A air P piston T turbine									
ST CO STEEL CONCRETE				C centrifugal R rotary O other (describe below)									
PL OT PLASTIC OTHER				J jet S submersible									
MAIN Casing TYPE				Nominal diameter top (main) casing (nearest inch)									
PL 6 34				Total depth of main casing (nearest foot)									
OTHER CASING (if used)				PUMP INSTALLED									
diameter inch depth (feet) from to				DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO)									
EACH CASING				IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS									
screen type or open hole				EXCEPT HOME-USE									
insert appropriate code below				TYPE OF PUMP INSTALLED									
ST BR HO STEEL BRASS OPEN HOLE				PLACE (A,C,J,P,R,S,T,O) IN BOX-SEE ABOVE:									
PL OT PLASTIC OTHER				CAPACITY: GALLONS PER MINUTE									
C2				PUMP HORSE POWER									
DEPTH (nearest ft.)				PUMP COLUMN LENGTH (nearest ft.)									
1 140 32 245				CASING HEIGHT (circle appropriate box and enter casing height)									
2				+ above } LAND SURFACE									
3				- below } (nearest foot)									
CIRCLE APPROPRIATE LETTER				LOCATION OF WELL ON LOT									
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED				SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)									
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. 223													
DRILLERS SIGNATURE													
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)													
GRAVEL PACK													
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													
70 72 74 75 76													
TELESCOPE CASING				OTHER DATA									
LOG INDICATOR													
HEALTH													



B 7 5740

SEQUENCE NO.  
(OEP USE ONLY)STATE OF MARYLAND  
PERMIT TO DRILL WELL

OEP PERMIT NUMBER

AD-81-2949

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

please print or type

fill in this form completely

Date Received

10/19/87

## OWNER INFORMATION

FORNOST + INC INC

404 N MAIN ST

N + RING

MD 21 221

## DRILLER INFORMATION

Nate Mayne

Nate Mayne (well drillers)

9120 Knowl Church Rd. Mt Airy

Nate Mayne

10/1/87

## WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

## 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 150 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

## METHOD OF DRILLING (circle one)

- ☒ BORED (or Augered) ☐ JETTED ☐ Jetted & DRIVEN
- ☒ AIR-ROTARY ☐ AIR-PERCussion ☐ ROTARY (Hydraulic Rotary)
- ☐ CABLE ☐ REVERSE-ROTARY ☐ Drive-POINT
- 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 DEEPMEN AN EXISTING WELL
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_

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

APPROX. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_

FORCE 57 INITIALS PERMIT NO. AD-81-2949

SPECIAL CONDITIONS: Spill for 1st pump

## LOCATION OF WELL

HARRIS

PAPULAR SPRINGS

SECTION 44 LOT 48

PAPULAR SPRINGS

MILES FROM TOWN (enter 0 if in town) \_\_\_\_\_ MI

WATERSVILLE RD.

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

DISTANCE FROM ROAD 1000

ENTER FT or MI

NOT TO BE FILLED IN BY DRILLER  
HEALTH DEPARTMENT APPROVAL

Howard A-29476

COUNTY NAME COUNTY NO.

OEP SIGNATURE DATE ISSUED

112387

NORTH GRID 550000 EAST GRID 0771000

SHOW MAJOR FEATURES OF BOX &amp; LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. well

2.

3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 770' N 550

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

HEAVILY

WELL

1000'

WATERSVILLE RD.

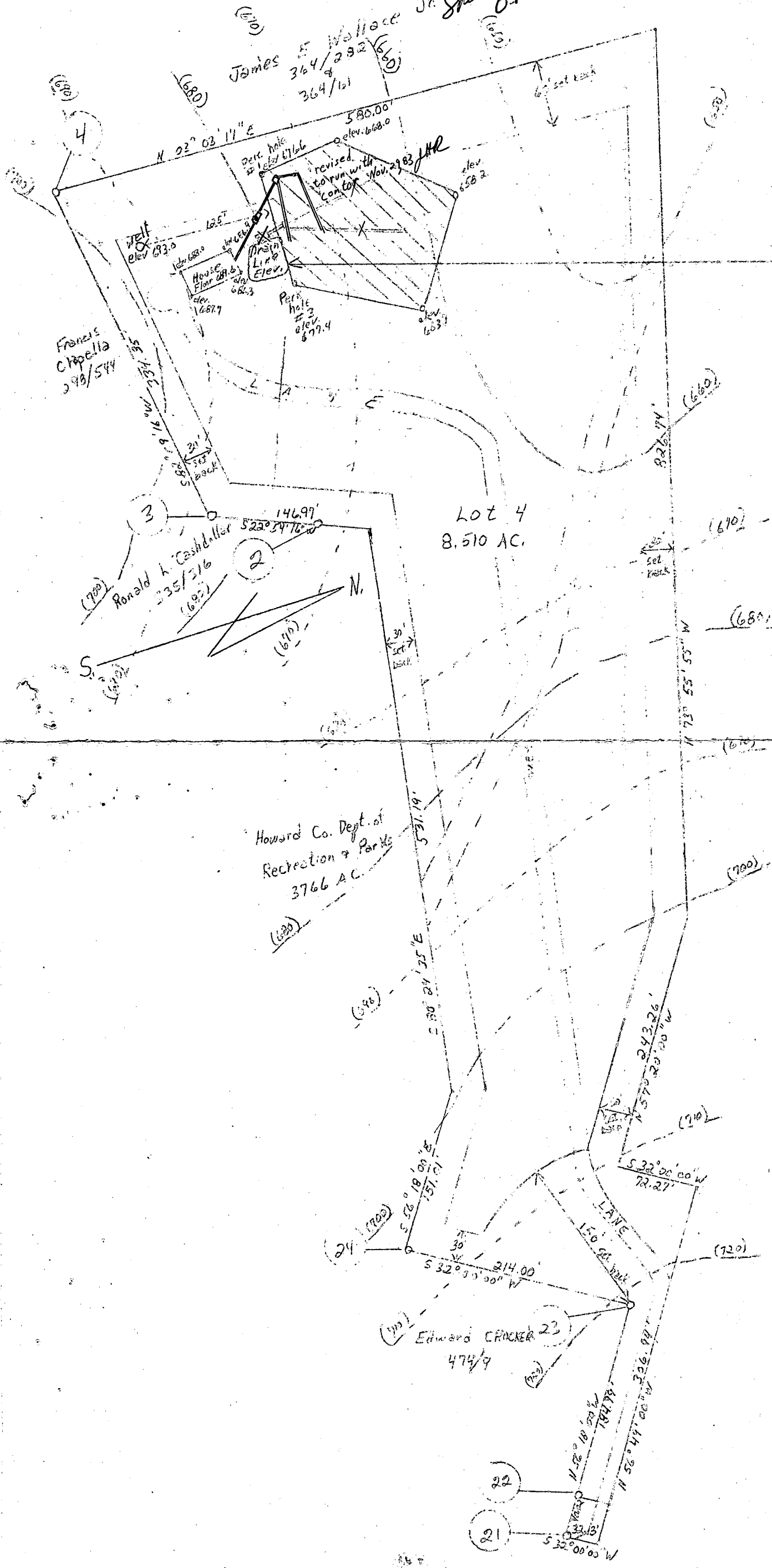
POPULAR SPRINGS



(3-)

11/29/83  
Sketch or J.S.

676.6  
675.6  
1.0



House & Drain Line Elevations	
House elev. Floor	689.6
House " basement	680.6
Invert elev. (out of house)	677.0
" " (into tank)	676.0
" " (out of " )	676.0
" " (into box)	675.6

NOV. 4, 1983.  
Foremost Industries, Inc.  
2375 Buchanan Trail, West  
Greencastle, PA 17225  
Phone (717) 597-7166  
Md. Sales Mgr. & Belts-Wash. Co. Ord.  
J. Hoke Rosensteel  
404 N. Main St., Mt. Airy, Md.  
21771 Phone (301) 829-0886

Poplar Springs Lot #4  
Plate 4849 Parcel A  
Tax Map 7 4th Elect. Dist.  
From Survey by Bender Assoc.  
J.H.R. For Foremost Industries

Scale: 1" = 100'

# House Set Backs

Left side 40'  
Right side 375'  
Back 95'  
Front 143'

## House + Drain Line Elevations

House elev. Floor 679.6  
House elev. Basement 680.6  
House Invert elev. (East of house) 677.0  
" " (info. tank) 676.6  
" " (info. box) 675.6

6/9/88  
Elevations of  
Subur

BUDG. PERMIT SIGNED  
AND RETURNED 6-9-88

BPT8910  
SABU

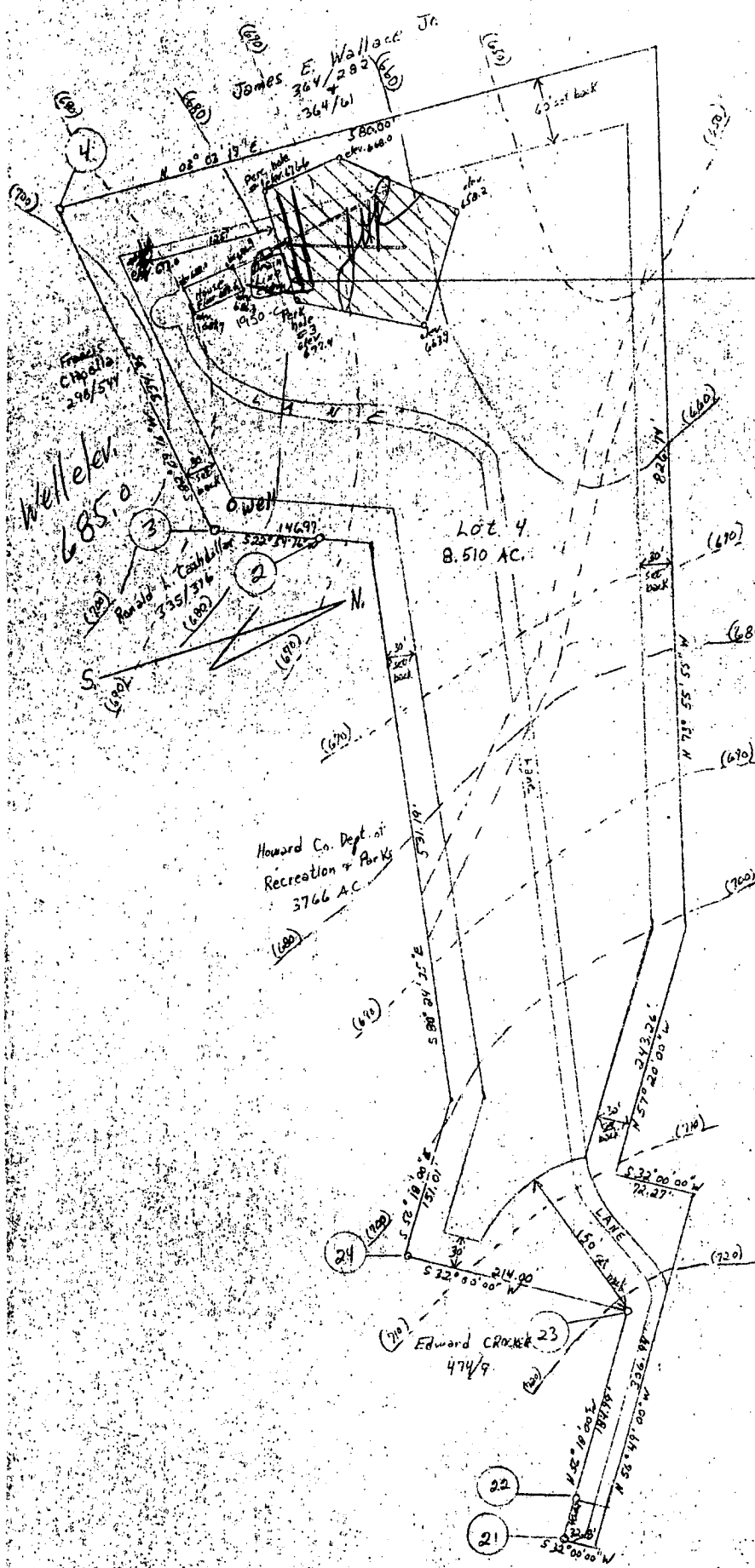
NOV. 11, 1987

Foremost Industries, Inc.  
3375 Buchanan Trail, West  
Greencastle, PA 17225  
Phone (717) 597-7166

Md. Sales Mgr. & Balto.-Wash. Co. Ord.  
J. Hoke Rosensteel  
404 N. Main St. Mt. Airy, Md.  
21771 Phone (301) 829-0886

Poplar Springs Lot #4  
Plate #4849 Parcel A  
Tax Map 7 4th Elect. Dist.  
From Survey by Boudier Assoc.  
J.H.R. For Foremost Industries

Scale 1" = 100'





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## HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*

February 4, 1991

*Reply to:*

Charles Streaker, Sanitarian  
461-9933 or 461-9934

Mr. Hoke Rosensteel  
404 N. Main Street  
Mt. Airy, Maryland 21771

Re: Poplar Springs - Lot 4  
914 Watersville Drive  
Well Permit No. HO-81-2449

Dear Mr. Rosensteel:

This is to advise you that the septic system was installed, inspected and approved on June 28, 1990.

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

### FINAL CERTIFICATION 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-81-2449.

January 29, 1991  
Date of Final Sampling

February 4, 1991  
Date of Acceptance

*Charles Streaker*

Charles Streaker, Sanitarian  
Water and Sewerage Program

Water Sample Dates:  
November 16, 1990  
January 29, 1991

✓  
CS:cm

James Wallace Jr  
364/282

Francis Copella  
298/544

Ronald CASHDOLLAR  
335/316

Howard Co. Dept. Parks  
3,766 Ac.

Edward Crooker  
474/9

WATERSVILLE RD.

John Schneeberger

