

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

OS-358686

P 43116

A 35876

DISTRICT 5th

DATE 11/28/89

DATE SYSTEM APPROVED 2/1/89

INSPECTOR RH

Wayde Souder/Wesmar Corporation

IS PERMITTED TO INSTALL X ALTER

ADDRESS 13990 Triadelphia Mill Road, Dayton, Maryland PHONE 531-2166

SUBDIVISION Triadelphia Farms ROAD 14000 Triadelphia Mill LOT 26

PROPERTY OWNER Steven A. and Mary T. Curtis

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 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Start first trench 440 feet from the front lot line and 145 feet from the left lot line as seen when facing the property from Triadelphia Mill Road. Run trenches along contour towards left front property line.

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

PLANS APPROVED BY C. Williams DATE 12/13/85

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(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES)

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

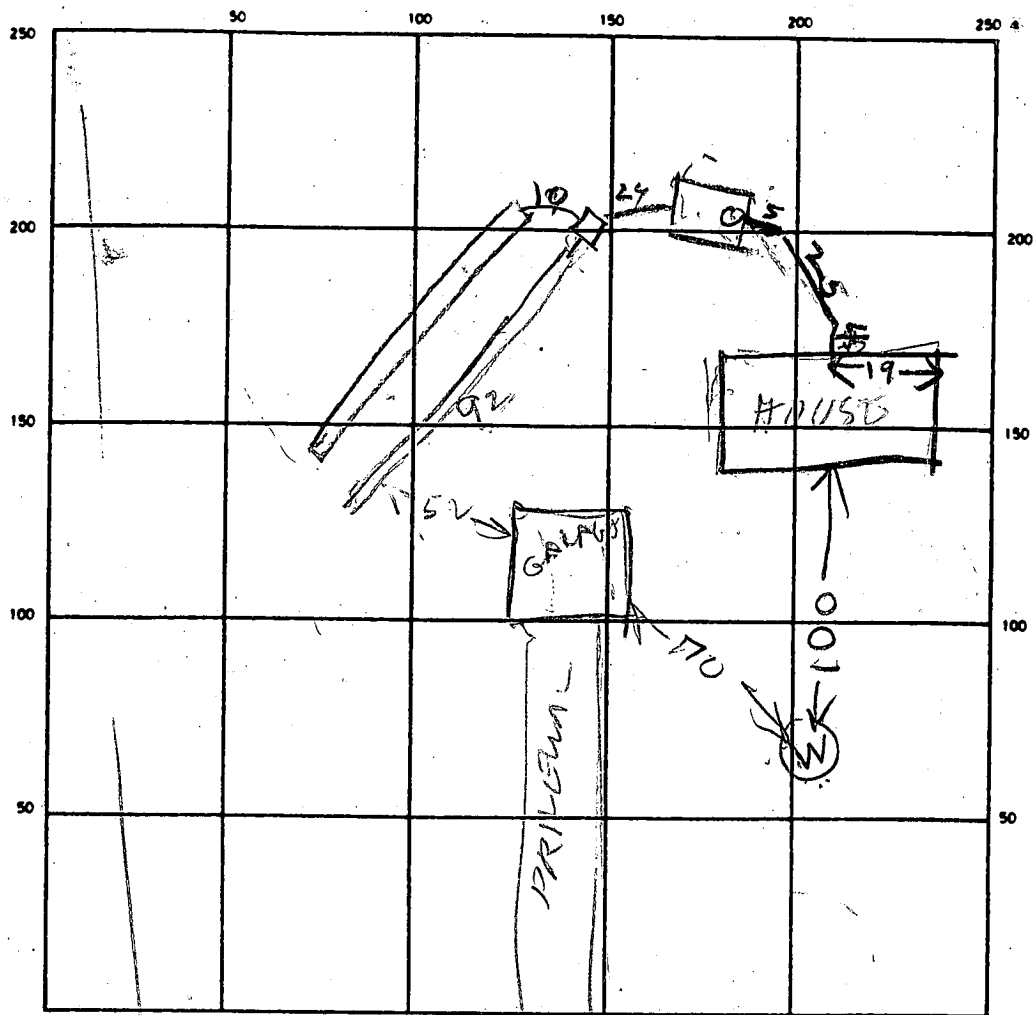
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 35876



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK. LEVEL 2000

CLEANOUTS ST
OK

DISTRIBUTION BOX. LEVEL 2

DRAIN FIELD/TILE FIELD. DEPTH 2.5 FT.

TRENCH WIDTH 2 FT.

INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 5.5 FT.

FT.

TOTAL LENGTH 92 FT.

FT.

NUMBER OF TRENCHES 2

ONE SIDEWALL/BOTTOM AREA

SO FT.

DRYWELL INSIDE DIAMETER

FT.

EFFECTIVE DEPTH BELOW INLET

FT.

ABSORBENT AREA

SO FT.

REMARKS

1/31/89- LOCATION OK PER PLANS TRENCH #1
DUG & SOME STONE ADDED FINISH TRENCHES & LEAVE
END OF TRENCH #2 OPEN TO CHECK DEPTH INSTALL TANK. RH
2/1/89- JOB FINISHED RH

DATE SYSTEM APPROVED

2/1/89

INSPECTOR

Raymond Hodge

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 35P76

P _____

DISTRICT 5

DATE 8/12/85

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 Steven A. + Mary T. Curtis ✓

ADDRESS 9 M Ridge Rd. Greenbelt MD 20770 PHONE (301) 345-7131

PROPERTY LOCATION:

SUBDIVISION Tridolphia Mill Farms LOT NO. 26

ROAD AND DESCRIPTION 14000
Ans N & S sides 20s Tridolphia Mill Rd.

SIZE OF LOT 11.8 Acres TYPE BLDG. 4 bedrm, single family dwelling
(NUMBER OF BEDROOMS)

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.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 8-26-85. PERC. RESULTS SATISFACTORY; hold for Certified hole

Location; Recommend All Repairs to system be shallow systems. Still

BLDG. PERMIT SIGNED

AND RETURNED 5-11-88

BP18412 S. AG-

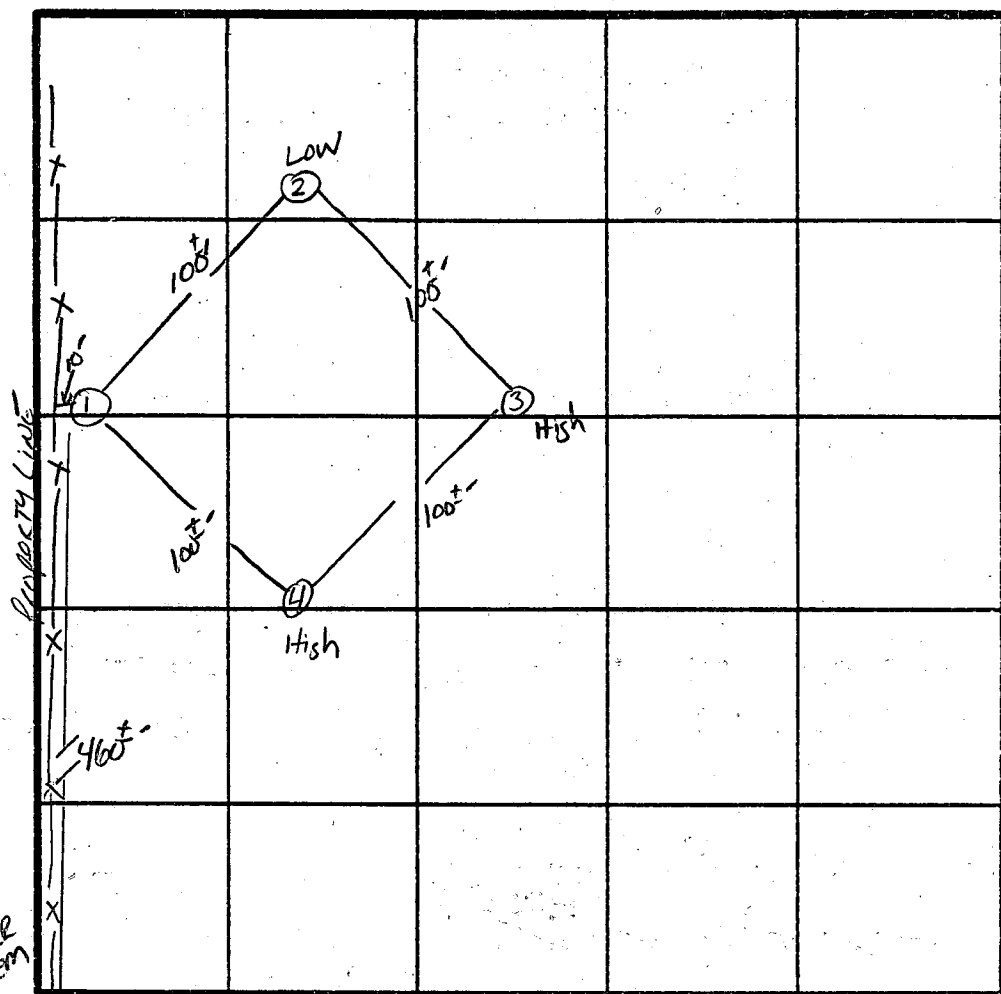
THIS IS NOT A PERMIT

3%
4%

①③

SOIL PROFILE

0"
3" A-1-3
BROWN
SAND CLAY
LOAM <10%
SAPROLITE
2'
BROWN
MICACEOUS
SILTY SAND
LOAM <10%
SAPROLITE
12-15'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

0" ②
3" A-1-3
BROWN SAND
LOAM <10%
SAPROLITE
18"
BROWN
MICACEOUS
SAND LOAM
30-40%
SAPROLITE
HARD
BOTTOM
AT 10'

PROPOSED
FLAG STATION
←

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/23/85	1 ✓	3.5'	10:19	10:20:30	10:20:30	10:23	2.5min
		13'	UNIFORM SOIL STRUCTURE Below 2'				
	2 ✓	2'	10:30	10:32	10:32	10:36	4min
		10"	HARD BOTTOM AT 10" GOOD SOIL FOR 18" TO 8'				
	3 ✓	2.5'	10:38	10:39	10:39	10:41	2min
		12"	HOLE SAME AS #1				
	4 ✓	12"	see Profile - Good Soil below 2.5 FE				

15"
0" ④
4" A-1-3
YELLOW BL
SAND CLAY
LOAM <10%
SAPROLITE
25'
BROWN
MICACEOUS
Feldspar
SANDSTONE
mix 10-20%
SAPROLITE
12'

REMARKS NO visible wells in area. Keep System Shallow in Future For Any Repairs.

TYPE OF SOIL

TESTED BY S. Abel

SOUDER & CO.

ALSO PRESENT

APPLICATION

A 29072

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICESP. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356DISTRICT 5DATE 12/16/78

SEE ATTACHED SPEC SHEET

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLANDI, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE
DISPOSAL SYSTEM.PROPERTY OWNER Tridelphia Mill Farms Partnership
@ Richard Hallowell
ADDRESS Sandy Spring, Md. 20860 PHONE 286-2988

PROPERTY LOCATION:

SUBDIVISION Tridelphia Mill Farms LOT NO. 10 - Sheet 2 to #9
ROAD AND DESCRIPTION On N & S sides of Tridelphia Mill Rd 1,500' E of
Greenbridge Rd, 5th Dist. DaytonSIZE OF LOT 4.01 acres TYPE BLDG. 4 bedrm., single family dwg.
NUMBER OF BEDROOMS _____

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC
FACILITIES BECOME AVAILABLE.SIGNATURE OF APPLICANT Richard HallowellAPPROVED BY C. B. Stucker FOR Dry Well DATE 12/14/79
(KIND OF SYSTEM)REJECTED BY _____ FOR Dry Well + trench DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

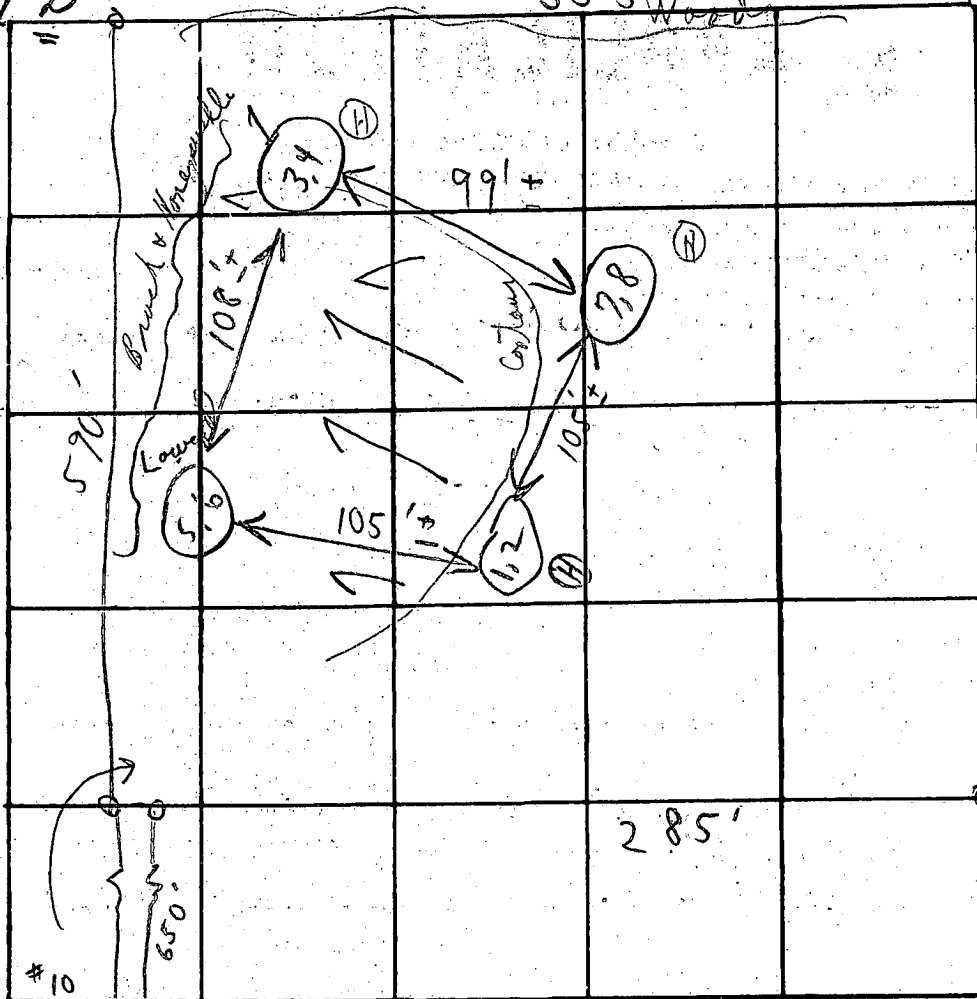
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

10 sheet of 2
 =
 Final 23

355' Wood

Field sheet
 Tests
 per
 stake



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

To Dayton ←
 Soil Profile

Trindolphin Mill Road

	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
				START	STOP	START	STOP	
Below	12/1/28	1	3 1/2'	2:28	2:29	2:29	2:30	1 m
clay		2	12'	2:30	2:32	2:32	2:38	6 m
		3	3'	2:52	2:53	2:53	2:54	1 m
Sandy		4	12'	2:53	2:54	2:54	2:56	2 m
omilae		5	5 1/2'	2:40	2:49	2:49	3:11	22 m
loom		6	11 1/2'	2:42	2:43	2:43	2:45	2 m
		7	4'	2:17	2:18	2:18	2:20	2 m
		8	12 1/2'	2:19	2:22	2:22	2:33	11 m
							8	47

Unlet
 3 1/2'

6 min
 avg.

REMARKS

Tests in open field

TYPE OF SOIL

TESTED BY

C. B. A

ALSO PRESENT:

{ P. Schick + son }

APPROVED:
FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

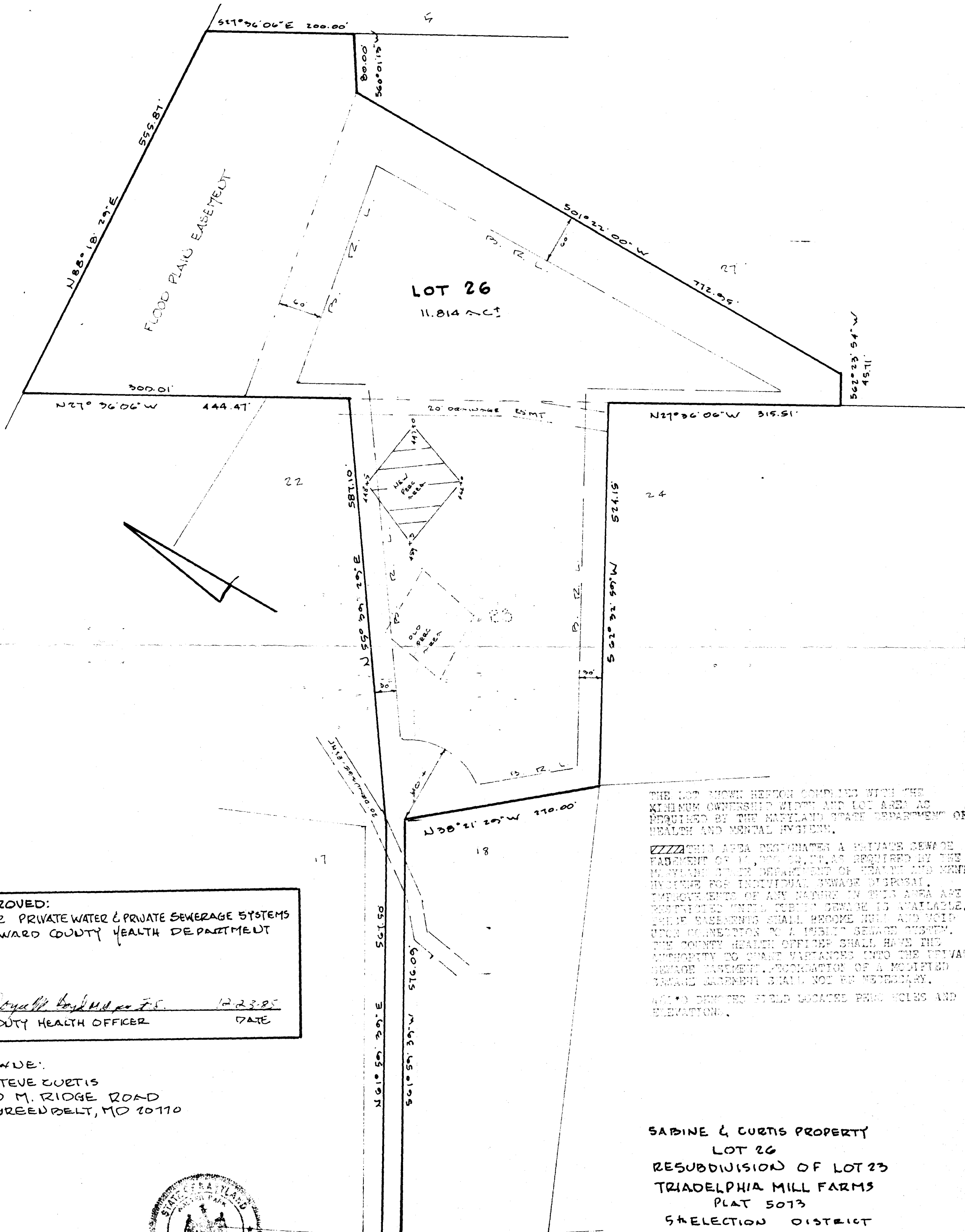
CW *Joseph M. Boyle* M.D. per F.S. 12-23-85
COUNTY HEALTH OFFICER DATE

OWNER:
STEVE CURTIS
9 M. RIDGE ROAD
GREENBELT, MD 20110

HUCKINS ASSOCIATES, INC.
SUITE 211, JOSEPH SQUARE
5435 HARPERS FARM ROAD
COLUMBIA, MD 21044



TRIADELPHIA MILL ROAD



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

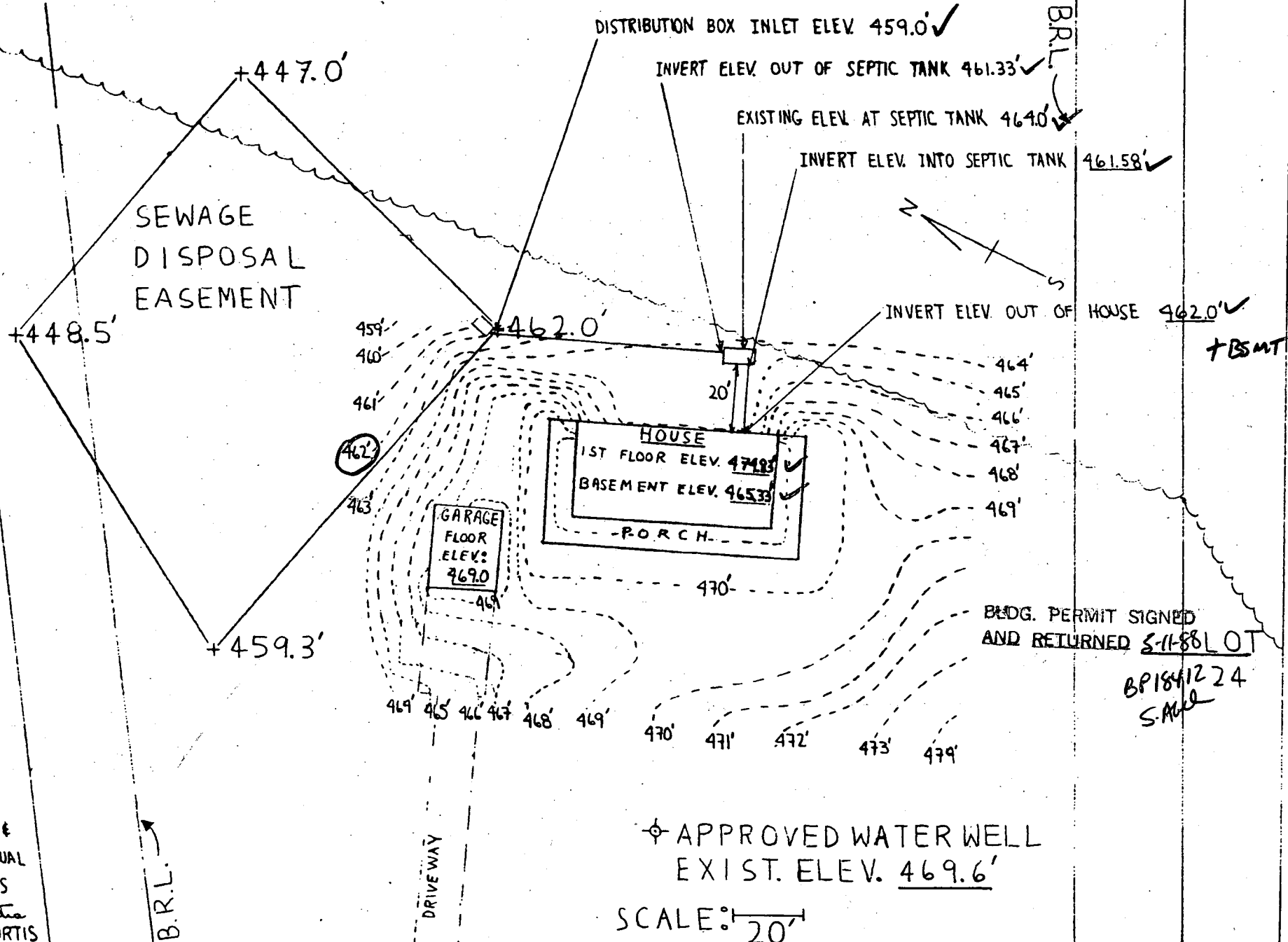
THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 G.P.D. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE AGREEMENT SHALL NOT BE NECESSARY.

AS SHOWN ON THIS FIELD LOCATED PEG HOLES AND ELEVATIONS.

SABINE & CURTIS PROPERTY
LOT 26
RESUBDIVISION OF LOT 23
TRIADELPHIA MILL FARMS
PLAT 5073
5th ELECTION DISTRICT
HOWARD COUNTY, MD
SCALE 1"=100' OCT 28, 1985

SEE NOTES AND DISTANCES ON SHEET 2

180' 1/2 590



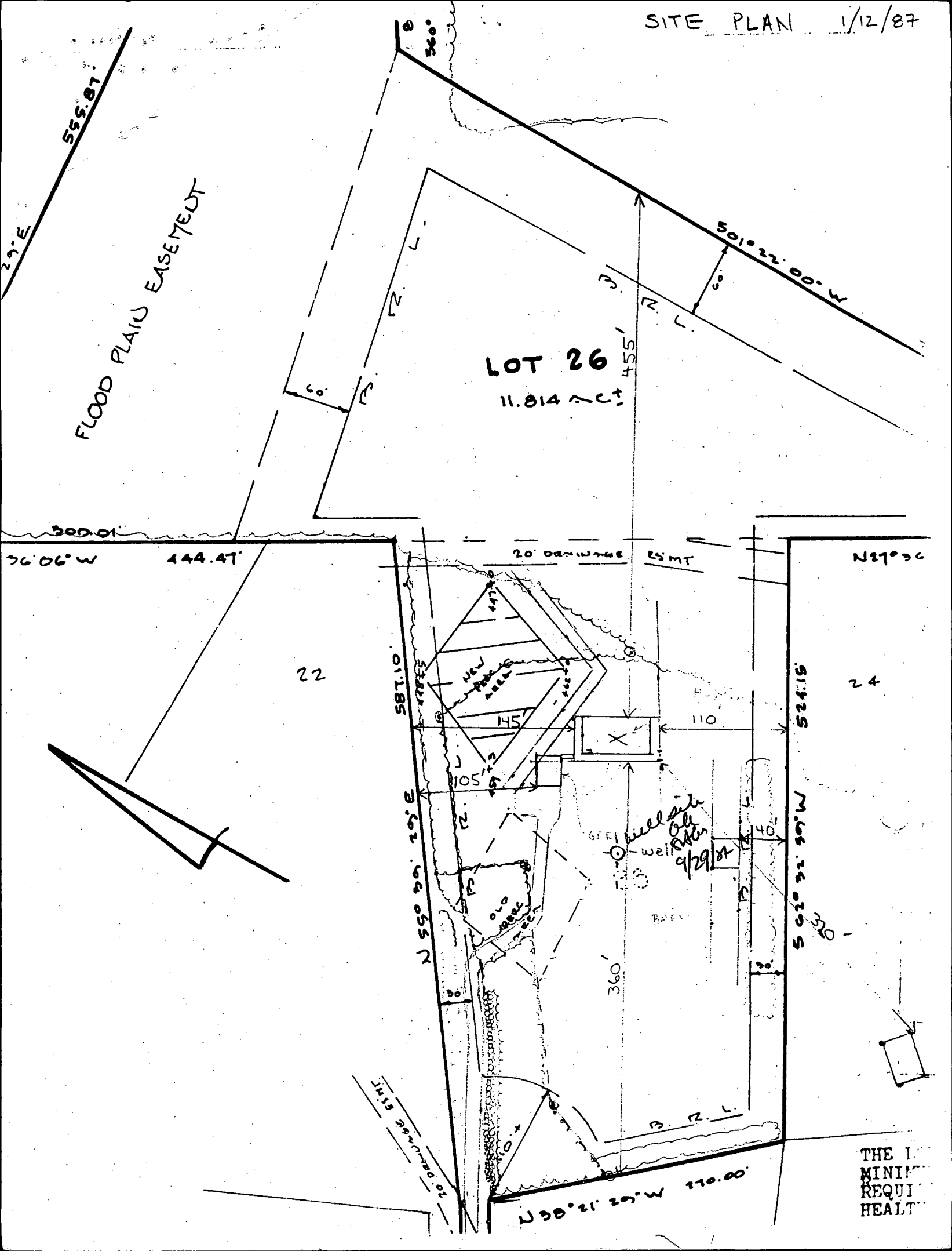
SITE PLAN
SHEET 3 OF 3

ENLARGEMENT OF SHEET 1
PLANNED ELEVATIONS

CURTIS PROPERTY, DAYTON, MARYLAND
LOT 26, TRIADDELPHIA MILL FARMS

DRAWN BY
S.A. CURTIS
OWNER

B 1 9319	SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER 40-81-2353
Date Received 092387		LOCATION OF WELL B 3 HOWARD	
OWNER INFORMATION CURTIS STEVE		TRIADOLPHIA MILLFARM	
AM BRIDGE RD		SECTION 44 46 LOT 26 50	
GREENBELT		DAYTON	
DRILLER INFORMATION Driller's Name: Joseph L. Mayne Firm Name: Joseph L. Mayne Well Drilling Address: 5512 Kedge Rd. Int. Hwy. Md 21771 Signature: Joseph L. Mayne Date: 9/7/87		MILES FROM TOWN (enter 0 if in town) 2 MI	
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500		DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
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)		ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 	
APPROXIMATE DEPTH OF WELL 300 FEET		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME: HOWARD COUNTY NO. A35876 OEP SIGNATURE: [Signature] DATE ISSUED: 10/15/87 CO SIGNATURE: [Signature] EXP. DATE: 04/15/88 NORTH GRID: 505000 EAST GRID: 080000	
APPROXIMATE DIAMETER OF WELL 6 INCH		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE 800 0 500 5	
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-Percussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTary DRIVE-POINT other		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
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 DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)		Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER FORCE [Signature] PERMIT NO. 40-81-2353	
SPECIAL CONDITIONS			



LOT 26
11.814 AC.

FLOOD PLAIN EASEMENT

THE I.
MINI
REQUI
HEALT

C 1 1957 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER

A35876

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

HC-81-2353

OWNER

STREET OR RFD

SUBDIVISION TRIADSLPHIA MILL FARM SECTION

TOWN DAYTON

LOT 26

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)

FEET

Check
if water
bearingSANDSTONE
GRAY MICA
ROCK0 40
40 185

OK

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM

BENTONITE CLAY BC

NO. OF BAGS 11

NO. OF POUNDS 1034

GALLONS OF WATER 66

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 32 ft.
(enter 0 if from surface)casing
types
insert
appropriate
code
below

CASING RECORD

ST CO
STEEL CONCRETE
PL OT
PLASTIC OTHERMAIN
CASING
TYPENominal diameter
top (main) casing
(nearest inch)Total depth
of main casing
(nearest foot)

ST

6

47

EACH
CASINGOTHER CASING (if used)
diameter depth (feet)
inch from toscreen type
or open hole
insert
appropriate
code
below

SCREEN RECORD

ST BR HO
STEEL BRASS OPEN
BRONZE HOLE
PL OT
PLASTIC OTHER

C 2

EACH
SCREEN

DEPTH (nearest ft.)

1 40 45 185
2
3

SLOT SIZE 1 2 3

DIAMETER
OF SCREEN (NEAREST
INCH)

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
CASINGLOG
INDICATOR

OTHER DATA

C 3

1 2

PUMPING TEST

HOURS PUMPED (nearest hour)

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

METHOD USED TO
MEASURE PUMPING RATE bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 39

WHEN PUMPING 85

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 USETYPE 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 } LAND SURFACE
- below } (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 LETTER
A A WELL WAS ABANDONED AND SEALED
WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION
WELLI 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)

HEALTH