

Approved 7/27/83
Stayed

05-374-97

PERMIT

P 32964

A 32356

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

BUREAU OF ENVIRONMENTAL HEALTH
992-2330

DISTRICT 5th.

DATE 7/18/83

INDEX

8/27/83
ASMP
8/27/83
ASMP

VanSant Plumbing and Heating, Inc.

IS PERMITTED TO INSTALL ALTER

ADDRESS 5N - Main Street, Mt. Airy, Maryland 21771 PHONE 301-829-0444

SUBDIVISION Glenelg Manor II ROAD ¹²⁷⁰⁵ ~~12711~~ Folly Quarter LOT 4A

PROPERTY OWNER Dottie & Peter Delegrano
~~Thomas F. McCartney~~ PHONE: 247-4766

ADDRESS 931 Elm Road
Arbutus, Maryland 21227

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

Addition - Sun Room
BLDG. PERMIT SIGNED
AND RETURNED 10-11-95
Serial # 61973

TRENCHES - 158 sq.ft./bedroom. Minimum Total sq. ft. in trenches is 474 sq.ft. Trench 2 ft. wide. Inlet 3 ft. below original grade. Maximum depth 6 ft. below original grade. Effective area begins at 3 feet below original grade. 3 ft. of stone below distribution pipe. NOTE: (1) No trench to exceed 100 ft. in length. (2) If more than one trench used, a distribution box is required. (3) Trenches to be installed on level ground. LOCATION: Start trench at point 160 feet from center of proposed court and 55 feet from left (1794 ft. lot line). Continue trench(s) along level ground in direction of right (233 ft.) lot line.

2 EA 79' LONG

PLANS APPROVED BY C. Williams DATE 2/18/83

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE YEARS.

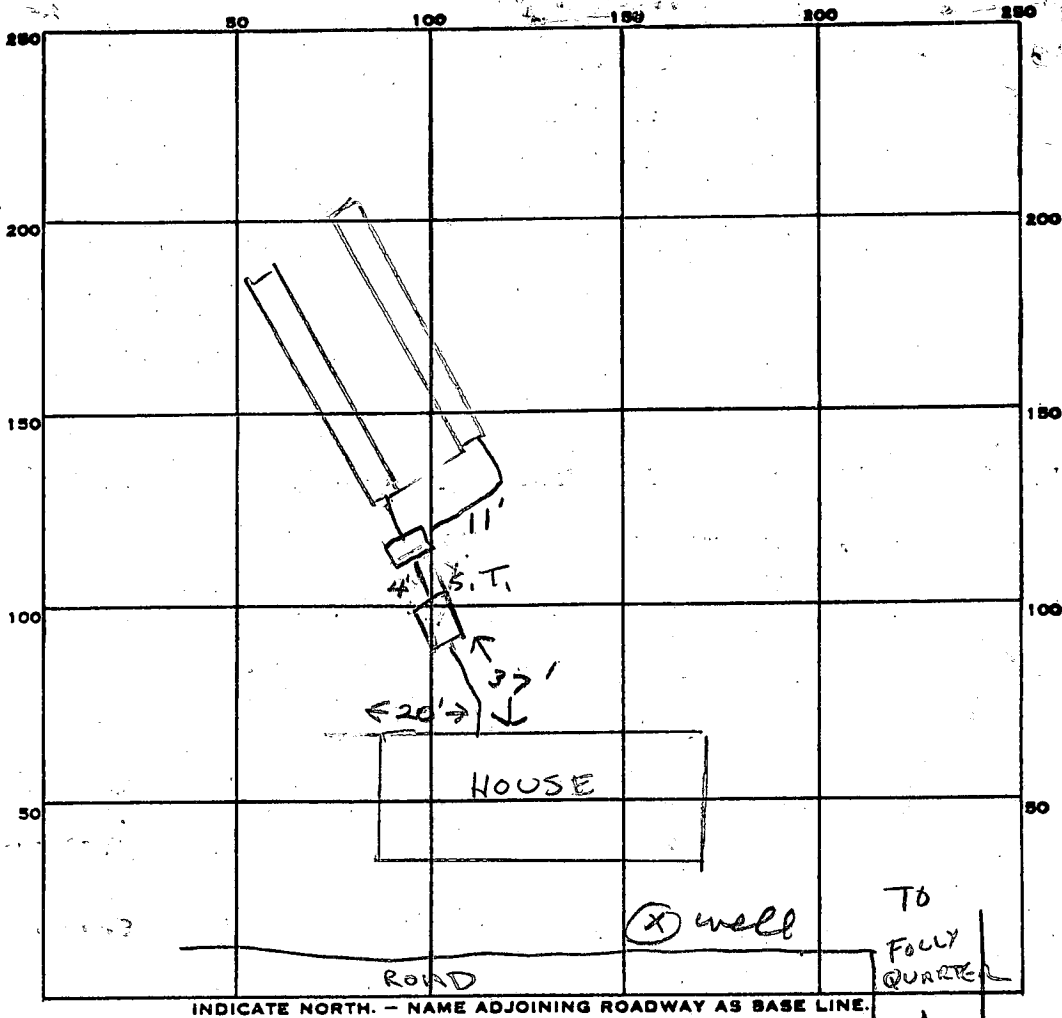
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 32356



PERMIT CARD

SEPTIC TANK, LEVEL

CLEANOUTS ST

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 6 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 3 IN. TOTAL LENGTH 2 x 80' = 160 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL TOTAL BOTTOM AREA 3480

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 480 SQ. FT.

REMARKS NEEDS PIPING, CLEANOUT, DIST. BOX.

TRENCHES OK, ADD GRAVEL, 7-22-83 C Williams
7/27/83 OK to cover all work. js

DATE SYSTEM APPROVED 7/27/83

INSPECTOR Stayed

Division: GLENELG MANOR II

Lot # 4A

A 32256

158

Sq. Ft./bdrm

TRENCHES

	<u>Septic Tank</u>	<u>Minimum Total Sq. Ft.</u>
3 bdrm	1000 GAL.	<u>474</u>
4 bdrm	1250 GAL.	<u>632</u>
5 bdrm	1500 GAL.	<u> </u>

TRENCH 2 WIDTH

Inlet 3 ft below ORIGINAL GRADE

MAXIMUM DEPTH 6 ft below ORIGINAL GRADE

EFFECTIVE AREA BEGINS AT 3 ft below ORIG. GD.

3 ft OF STONE below distribution pipe.

NOTE: ① NO TRENCH TO EXCEED 100 ft IN LENGTH

② IF MORE THAN ONE TRENCH USED, A DISTRIBUTION BOX IS REQUIRED

③ TRENCHES TO BE INSTALLED ON LEVEL GROUND.

LOCATION: START TRENCH AT POINT 160' FROM CENTER

OF PROPOSED COURT AND 55' FROM LEFT (1794' LOT LINE).

CONTINUE TRENCH(S) ALONG LEVEL GROUND IN DIRECTION OF RIGHT (233') LOT LINE.

2-18-83

C Williams

PRELIMINARY

APPLICATION

4A

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 32256

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 5th

DATE 10/20/82

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 Howard Associates Thomas F. McCartney
931 Elm Road
ADDRESS Arbutus, Md 21222 PHONE Don Reuwer - 247-4766
~~465-4920~~

PROPERTY LOCATION:

SUBDIVISION Glenelg Manor, Section 2 LOT NO. (?) 4A

ROAD AND DESCRIPTION 12711 ~~off~~ Folly Quarter Road

SIZE OF LOT 1 acre m/l TYPE BLDG. 3 or 4 bedrooms
(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. /s/ Don Reuwer for Howard Associates

(SIGNATURE OF APPLICANT)

APPROVED BY F. Skinner FOR Shallow trench DATE 2/16/83

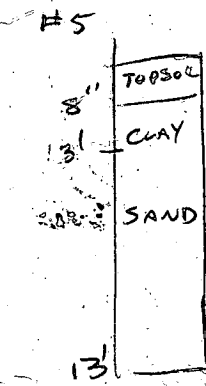
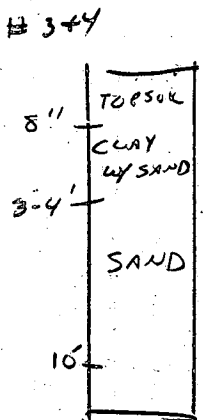
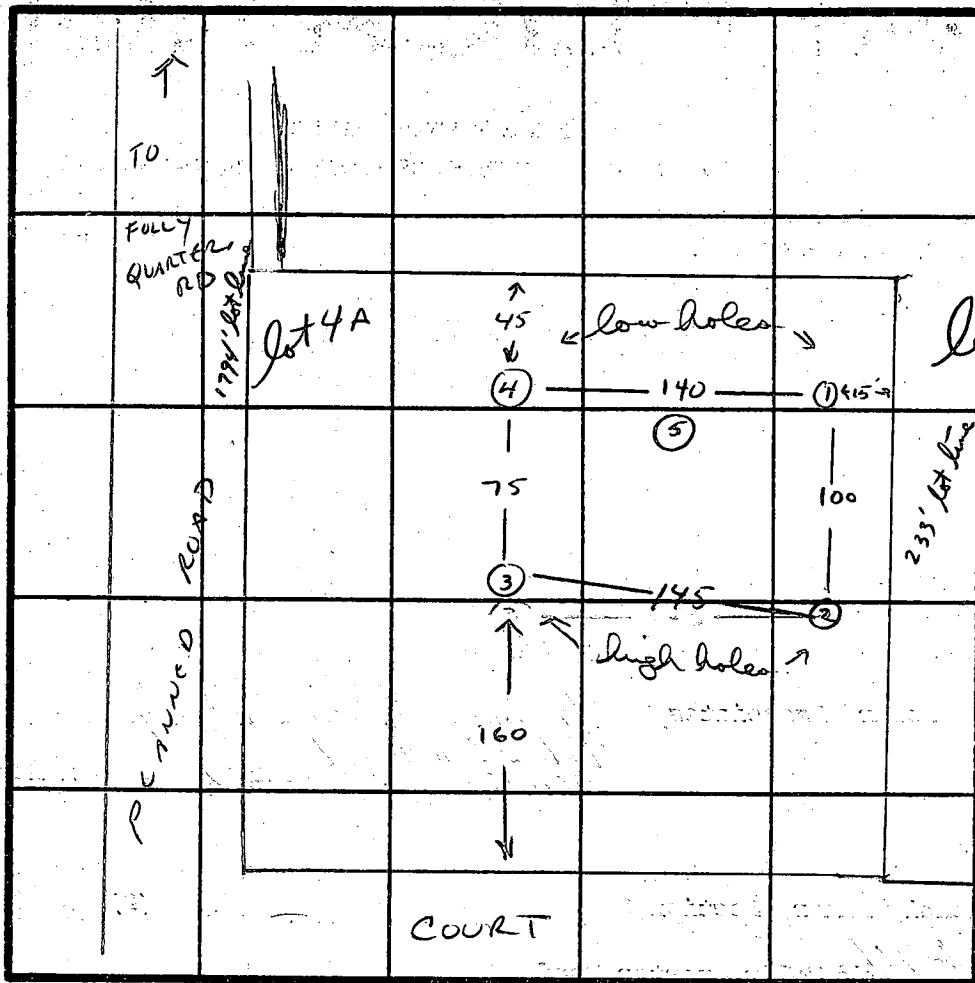
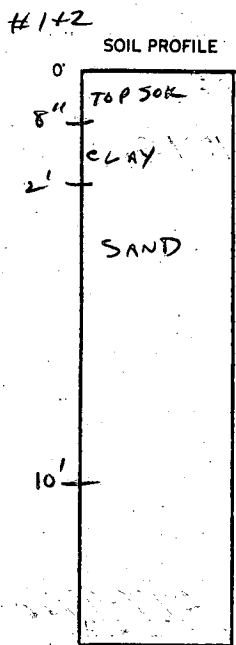
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 2/16/83 Perc. OK plat to be filed for signature F.S.

BLDG. PERMIT SIGNED
AND RETURNED 5/20/83
Serial # 53677 S.F.D.

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-8-82	1	3	1:58	1:59	1:59	2:01	2 MIN
		10	VISUAL SAND				
	2	3	2:02	2:04	2:04	2:07	3 MIN
		10	VISUAL SAND				
	3	3	2:08	2:09	2:09	2:11	2 MIN
		10	VISUAL SAND				
	4	4	2:12	2:19	2:19	2:37	18 MIN
		10	VISUAL SAND				
	5	13	VISUAL SAND				

REMARKS: PREVIOUS PERC (11/75) SHOWED WATER AT 13' NEAR MIDDLE OF 233' LOT LINE

TYPE OF SOIL: 2-4' CLAY THEN ALL SAND

TESTED BY: Craig Williams

ALSO PRESENT: OLLIN KETTERMAN + SON + FATHER

EH-12-1079

Per

APPLICATION 4A

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 29036

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 5th

DATE 10/16/78

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 Glenelg Manor Associates

ADDRESS _____ PHONE Boender - 465-7777

PROPERTY LOCATION:

SUBDIVISION Glenelg Manor Farms LOT NO. 4-A

ROAD AND DESCRIPTION off Folly Quarter Road

SIZE OF LOT ? TYPE BLDG. 3 or 4 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.

SIGNATURE OF APPLICANT /s/ Jack Boender

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

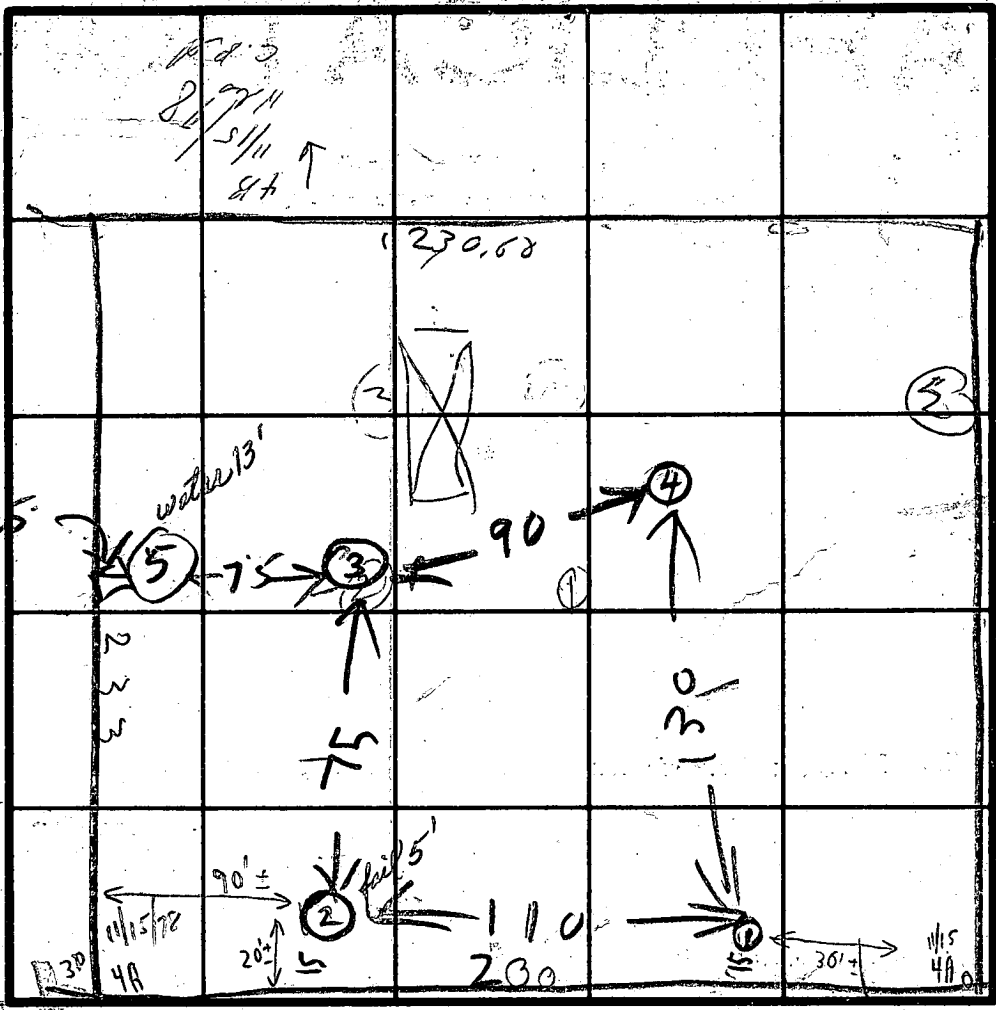
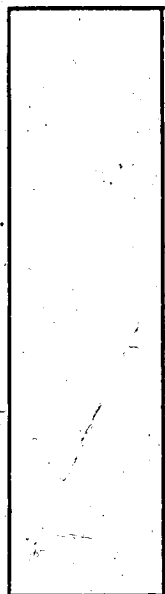
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 11/2/78 - DIG MORG & HOLD FOR REVIEW WRZGR RH

THIS IS NOT A PERMIT

Lot 4A

SOIL PROFILE



R/W INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/2/78	1S	4	142	150	150	154	4	
11/2/78	1D	12 1/2	144	150	150	154	4	
	(2S)	5	150	2:15	little	pen	FAIL	
	2D	12	147	150	150	154	4	
	3S	4	150	157	157	158	1	
	3D	12	157	158	158	202	4	
	4V	11	ALL SAND					
	5V	13	WATER 13F7					
11/15/78	{ #2 ad hoc	4'	1:46	1:48	1:48	1:51	3m	
C.B.D.	{ old 11#2		(Hold for review)					

Rainfall site
1. hole
open
at time
of drop

Sandy loam
(12 1/2 deep)

REMARKS 11/2/78 BACK ONLY DUGS 12 1/2 DEEP

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

LOT 4A

11-8-82

OP KETTAMAN

11-8

1.

3'

1:58

1:59

1:59

2:01

2 min

10'

SAND

2

3'

2:02

2:04

2:04

2:07

3 min

10'

SAND

182

3

3'

2:08

2:09

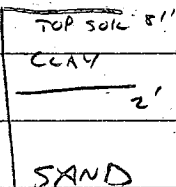
2:09

2:11

2 min

10'

SAND



4

4'

2:12

2:18

2:18

2:37

18 min

10'

SAND

5
4A

13'

DRY SKIN

↓

↑
45° TO LOT LINE

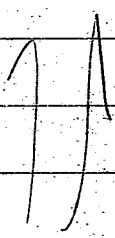
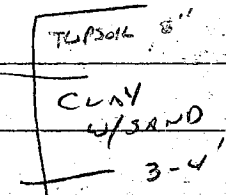


140

15' TO LOT LINE

4B

344



75

100



145

↑

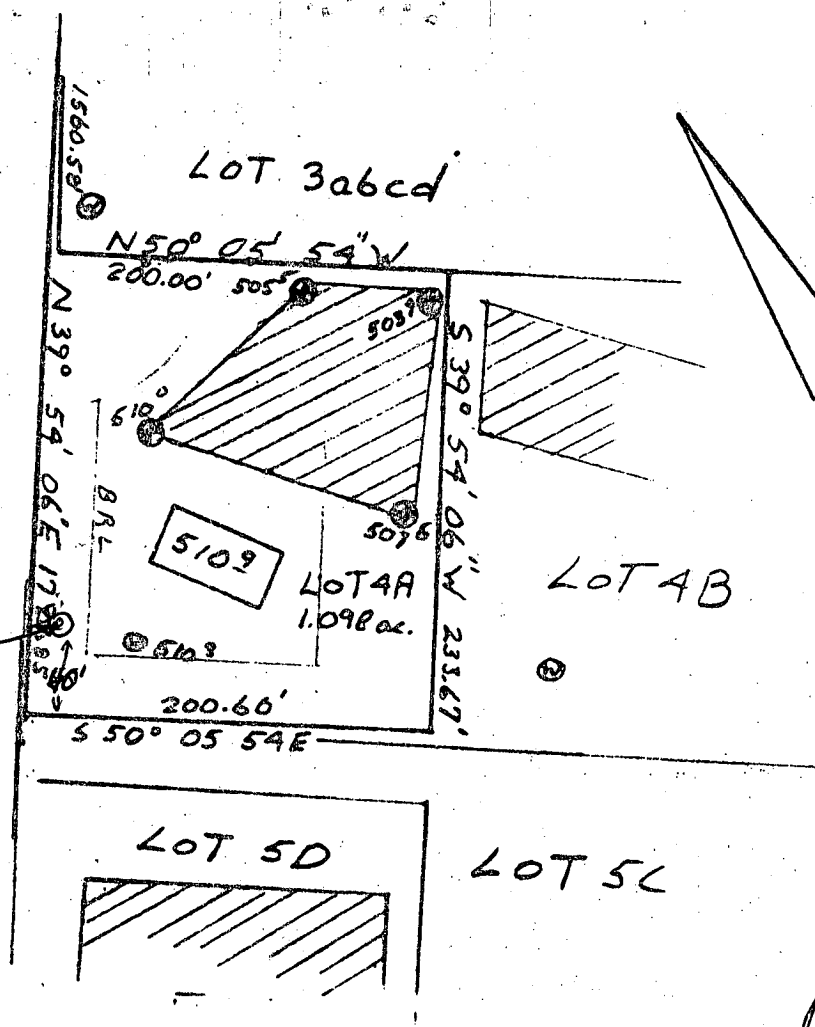
↑ high →


160

↑ TO CENTER PROP ROAD

COURT

5/2/83
well site cor.
AS



 This area designates a private sewage easement of 10,000 square feet 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 for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

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.

PERCOLATION TEST PLAT

PARCEL 4A

GLENELG MANOR
SECTION TWO

5th Election District
Howard County, Maryland
Scale 1" = 100'
Date 11-24-82

HTI Associates
Suite 307, Clark Bldg.
Columbia, MD 21044
321-0307

APPROVED: For Private Water and Private Sewage Systems

James G. Hill
County Health Officer

2-16-83
Date

C1 - 7729

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.

COUNTY NUMBER A 32256

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

Date Received (OEP use only)

DATE WELL COMPLETED

07/19/89

Depth of Well

205 (TO NEAREST FOOT)

PERMIT NO.

FROM "PERMIT TO DRILL WELL" 40-81-0088

OWNER Prime Home Builders Inc

STREET OR RFD 12705 Pleasant Prospect TOWN Glenelg

SUBDIVISION Glencola Manor SECTION 2 LOT 4A

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM TO), Check if water bearing. Includes handwritten entries: Brown shale 0 48, Gray granite 48 205.

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N

TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 113 NO. OF POUNDS 1220 GALLONS OF WATER 78 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft to 50 ft.

CASING RECORD casing types insert appropriate code below. MAIN CASING TYPE SH Nominal diameter 6 Total depth of main casing 54

OTHER CASING (if used) diameter inch depth (feet) from to. SCREEN RECORD screen type or open hole. insert appropriate code below. ST STEEL BR BRASS BRONZE HO OPEN HOLE PL PLASTIC OT OTHER

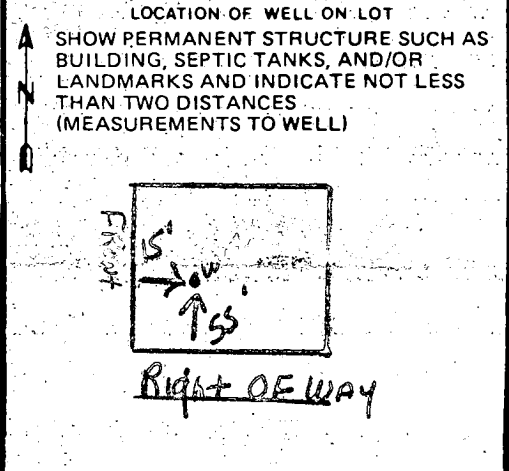
DEPTH (nearest ft.) 40 52 205. SLOT SIZE 2 3. DIAMETER OF SCREEN (NEAREST INCH) from to

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.) W Q 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST C 3 (seq. no.) HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 5 METHOD USED TO MEASURE PUMPING RATE submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 18 WHEN PUMPING 90 TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED YES NO DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) Y N 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) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE 2 (nearest foot)



- 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. 238 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

B 1 0224

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

HO-81-0088

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

5/13/83

please print or type

fill in this form completely

Date Received

050283

9:30 A.M.

OWNER INFORMATION

PRIMEHOME BUI LOERSZWC

STURCHARO PLACE

SYKESVILLE MD 21784

B 3

LOCATION OF WELL

HOWARD

STENELESMANOR

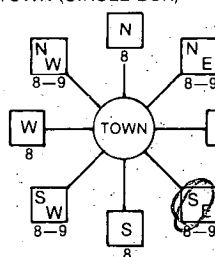
SECTION 2 LOT 4A

6LENELE

MILES FROM TOWN (enter 0 if in town) 2 1/2 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Pleasant Prospect NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 15 FT

B 2

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)

NOT TO BE FILLED IN BY DRILLER. HEALTH DEPARTMENT APPROVAL

HOWARD

A32256

COUNTY NAME

COUNTY NO.

OEP SIGNATURE

STATE HEALTH INSERT S

DATE ISSUED 050483

Frank Shinn 11/4/83

NORTH GRID 517000

EAST GRID 0811000

APPROXIMATE DEPTH OF WELL 160 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

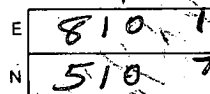
METHOD OF DRILLING (circle one)

- BORED (or Augered)
JETTED
Jetted & DRIVEN
AIR-ROTARY
AIR-PERCussion
ROTARY (Hydraulic Rotary)
CABLE
REVERSE-ROTary
DRIVE-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. WELL

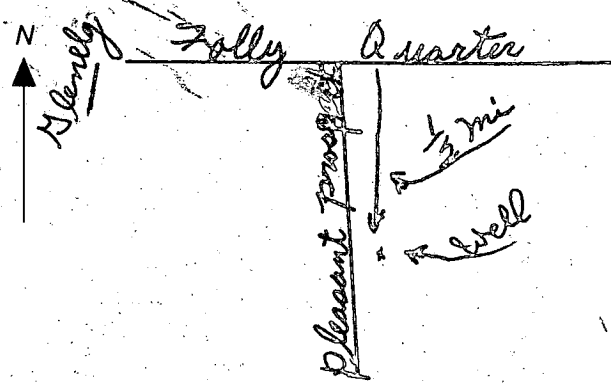
WRITE THE BOX NUMBER FROM THE MAP HERE



Location OK
54' casing
2' above gr.
50' open
13' large cement

5/13/83

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



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

APPROP. PERMIT NUMBER GAP

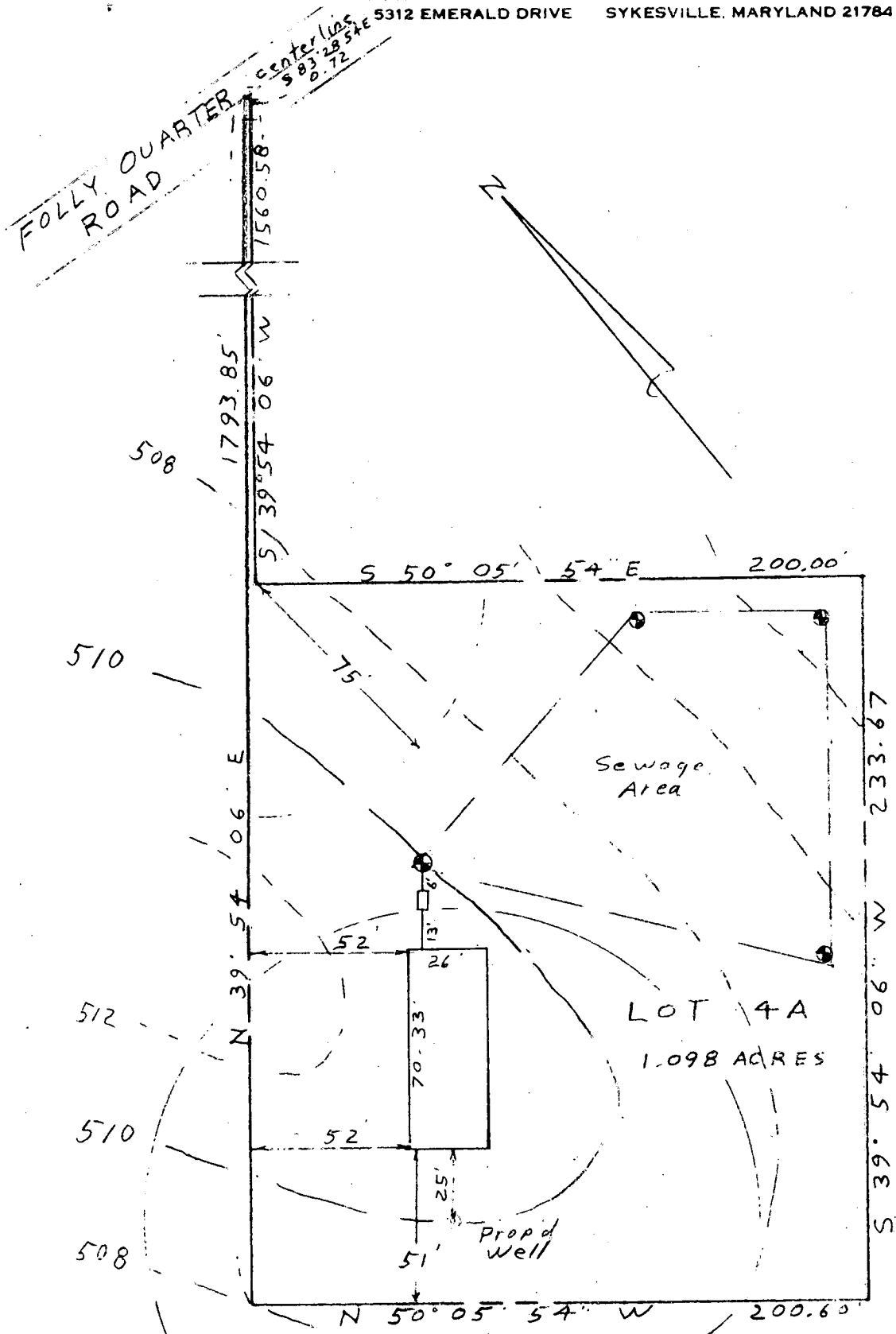
FORCE FS PERMIT NO. HO-81-0088

SPECIAL CONDITIONS

William E. Doyle

LAND SURVEYOR 8440

5312 EMERALD DRIVE SYKESVILLE, MARYLAND 21784 PHONE (301) 795-2210



5/20/83
Sheet OK
435

EXISTING GRN AT DISTR. BOX	510.00
INV. IN DISTR. BOX	507.00
INV. OUT SEPTIC TANK	507.12
INV. IN SEPTIC TANK	507.52
INV. OUT OF DWELLING	507.78
FIRST FLOOR ELEV.	513.00
CELLAR ELEV.	505.00
WELL ELEV.	510.10
NO. OF BEDROOMS	4
ACREAGE	1.098 ACRES

PLOTT PLAN
 LOT 4A SECTION TWO
 GLENELG MANOR
 LIBER 713, FOLIO 126
 ELECTION DISTRICT 5
 HOWARD COUNTY MD.
 SCALE: 1" = 50'

I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY
 SIGNED William E. Doyle



DRAWN: MAY 2, 1983

FILE No. 393-4

Property known as:
 L. 1492 F. 048
 6th ELECTION DISTRICT
 HOWARD COUNTY, MD

THIS PLAT CAN NOT BE USED TO ESTABLISH PROPERTY LINES OR CORNERS.

L 300 ESMT
 L. 1135 F. 463
 16' ASPHALT DRIVE

N 50° 05' 54" W

200.60'

233.67'

S 79° 54' 05" W

109'

72'

24'

140'

ASPHALT DRIVE
 48'±

22' GARAGE

25'±
 47.9'±
 2.9'±
 2.4'±
 C.R. PCT.

170-86-0000

1793.85'

WELL

74'±

SCPTIC ESTIMATE

1.008 ±

6 LENGTH MANOR EST.

10-11-95 SURROUND ADDITION
 NO IMPACT TO WELL OR SCPTIC
 BLEN JERRY

PARCEL 4-B

PARCEL 4-A

N 79° 54' 06" E

20' ASPHALT DRIVE

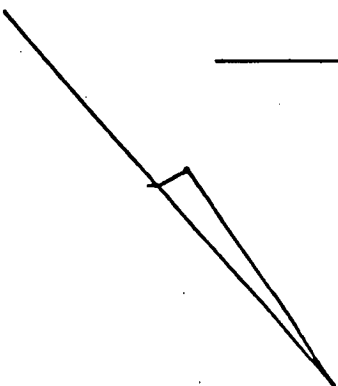
S 50° 05' 54" E

200.00'

S 79° 54' 05" W 1560.58'

CITIES MT

0.72'
 S 89° 28' 54" E



A32356



Walter Park

SCALE: 1" = 40'

LOCATION SURVEY PLAT
 SUBJECT PROPERTY NOT LOCATED IN A FLOOD PLAIN AREA UNLESS OTHERWISE NOTED
 FULLY QUATER R.D.