

9/10/96
ASAP.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933 313-2640

04-349768

P 57264C

A 35016

DISTRICT 4th

DATE 9/6/96

DATE SYSTEM APPROVED 9-10-96

INSPECTOR *[Signature]*

Jack Fyock Septic Service

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 13775 Triadelphia Road Glenelg, MD 21737 PHONE 988-9270

SUBDIVISION Sobrina Farms LOT 2 ROAD 610 Sobrina Farms Court

PROPERTY OWNER Percontee, Inc.

ADDRESS

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - 210 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 4.0 feet below original grade. 1.5 feet of stone below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Start the first trench 310' from the rear (688') lot line and 260 feet from the right (365') lot line as seen when facing the lot from the Sobrina Farms Court. Run trenches on contour toward the left side line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 12/27/90 OK R12

PLANS APPROVED BY Raymond Hodge

cm

DATE 12/18/90

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, 90° ELBOWS NOT ACCEPTABLE.

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 35/40 PVC OR ABS

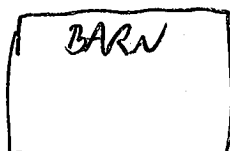

PERMIT VOID AFTER TWO YEARS

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 PVA 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

A 35016



DATE SYSTEM APPROVED 9/10/96 INSPECTOR Glenn Jones

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 350/6

P _____

DISTRICT 4th

DATE 2/15/85

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 Sobrina 99, Inc.
12150 Tech Road
ADDRESS Silver Spring, MD 20904 PHONE Don Reuwer - 531-5252

PROPERTY LOCATION:

SUBDIVISION Montgomery Industrial Park LOT NO. 2

ROAD AND DESCRIPTION Route 94

SIZE OF LOT 5.3 Acres 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

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 3/17/85 PERC OK SCERTIFY HOUSE AA

THIS IS NOT A PERMIT

ALSO PRESENT

11113	SEQUENCE NO. (DENV 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-35016
ST/CO USE ONLY DATE Received		DATE WELL COMPLETED	PERMIT NO. FROM "PERMIT TO DRILL WELL"	
8 13		15 20	40-88-0986	
22 26		28 29 30 31 32 33 34 35 36 37		

OWNER: LAND DESIGN AND DEVELOPMENT
STREET OR RFD: last name SHELTON first name TOWN WOODBINE
SUBDIVISION: SECTION LOT 2

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
Top Soil	2	
Brown Slate	2	10
Blue Slate	10	15
Brown Slate	45	51
Blue Slate	50	40
Brown Slate	60	65
Blue Slate	71	75

GROUTING RECORD	
yes	no
<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
WELL HAS BEEN GROUTED (Circle Appropriate Box)	
TYPE OF GROUTING MATERIAL	
CEMENT <input checked="" type="checkbox"/> CM	BENTONITE CLAY <input type="checkbox"/> BC
NO. OF BAGS	NO. OF POUNDS
45 46	45 46
GALLONS OF WATER	
DEPTH OF GROUT SEAL (to nearest foot)	
from 48 52 ft. to 64 68 ft.	
(enter 0 if from surface)	
CASING RECORD	
casing types insert appropriate code below	
STEEL <input type="checkbox"/> ST CONCRETE <input type="checkbox"/> CO	
PLASTIC <input type="checkbox"/> PL OTHER <input type="checkbox"/> OT	
MAIN CASING TYPE	
Nominal diameter top (main) casing (nearest inch)	
Total depth of main casing (nearest foot)	
60 61 63 64 66 67 70	
OTHER CASING (if used)	
diameter inch	
depth (feet) from to	
EACH CASING	
screen type or open hole	
insert appropriate code below	
STEEL <input type="checkbox"/> ST BRASS <input type="checkbox"/> BR OPEN HOLE <input type="checkbox"/> HO	
PLASTIC <input type="checkbox"/> PL OTHER <input type="checkbox"/> OT	

PUMPING TEST		
HOURS PUMPED (nearest hour)	3	
PUMPING RATE (gal. per min. to nearest gal.)	1	
METHOD USED TO MEASURE PUMPING RATE	Flow	
WATER LEVEL (distance from land surface)		
BEFORE PUMPING		
WHEN PUMPING		
TYPE OF PUMP USED (for test)		
<input type="checkbox"/> A air	<input type="checkbox"/> P piston	<input type="checkbox"/> T turbine
<input type="checkbox"/> C centrifugal	<input type="checkbox"/> R rotary	<input type="checkbox"/> O other (describe below)
<input type="checkbox"/> J jet	<input checked="" type="checkbox"/> S submersible	

PUMP INSTALLED	
DRILLER WILL INSTALL PUMP YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
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)	
PUMP HORSE POWER	
PUMP COLUMN LENGTH (nearest ft.)	
CASING HEIGHT (circle appropriate box and enter casing height)	
<input checked="" type="checkbox"/> + above	<input type="checkbox"/> - below
LAND SURFACE (nearest foot)	

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 26.04.04 "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. 453	
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	

C2	
DEPTH (nearest ft.)	
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 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	
SLOT SIZE 1 2 3	
DIAMETER OF SCREEN (NEAREST INCH)	
from to	
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.)	
W Q	
70 72 74 75 76	
TELESCOPE CASING	
LOG INDICATOR	
OTHER DATA	

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)	
N	
E	
S	
W	
A	
B	
C	
D	
E	
F	
G	
H	
I	
J	
K	
L	
M	
N	
O	
P	
Q	
R	
S	
T	
U	
V	
W	
X	
Y	
Z	

Well Permit No. HO - 88-0986
Location of property (road) SOBRINA Farms ex.
Subdivision Sobriana Fms. Lot 2 Block Plat Sec.
Well Driller F. Delah Owner LAND DESIGN & DEVELOPMENT

Depth of well 205 ft
Distance of measuring point (M.P.) above ground 1 ft
Static water level (S.W.L.) below M.P. 37 ft

Time pump started 7:00 Pumping rate 10 G.P.M
Total time 15 min to reach pumping water level _____ ft. below M.P.

[illegible]

Review

HD-224

8/27
APR NEW

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation _____
Replacement _____

Receipt # _____
Date _____

Name of Installer GANTLAND

Telephone _____

License Number _____
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber _____

Name of Property Owner _____ Telephone _____
Subdivision SOBRIANA Lot # 2 Well Tag # HD-88-0986
Site Address _____

Pump Motor Pitless Adapter
1. Type 1. Horsepower _____ 1. Make _____
a. Deep well jet _____ 2. RPM _____ 2. Model # _____
b. Shallow well jet _____ 3. Voltage _____ 3. Depth _____
c. Submersible _____ a. 110 _____
2. Make _____ b. 220 _____
3. Model # _____
4. Capacity _____ GPM
5. Pump exceeds well capacity Yes _____ No _____
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____
7. What methods are used to protect the pump and electrical wiring from
vibrations? Torque arrestors _____ Cable guards _____ Other _____

Tank Piping Well data
1. Capacity _____ 1. Type _____ 1. Depth _____ ft.
2. Pressure relief valve? _____ 2. Size _____ 2. Yield _____ GPM
3. NSF and/or BOCA Code approved _____ 3. Static water level _____ ft.
4. Depth of supply line _____ 4. Will water supply be disinfected by installer? _____

PITLESS ADAPTOR OK
3 1/2" B.G. per 8/28/96

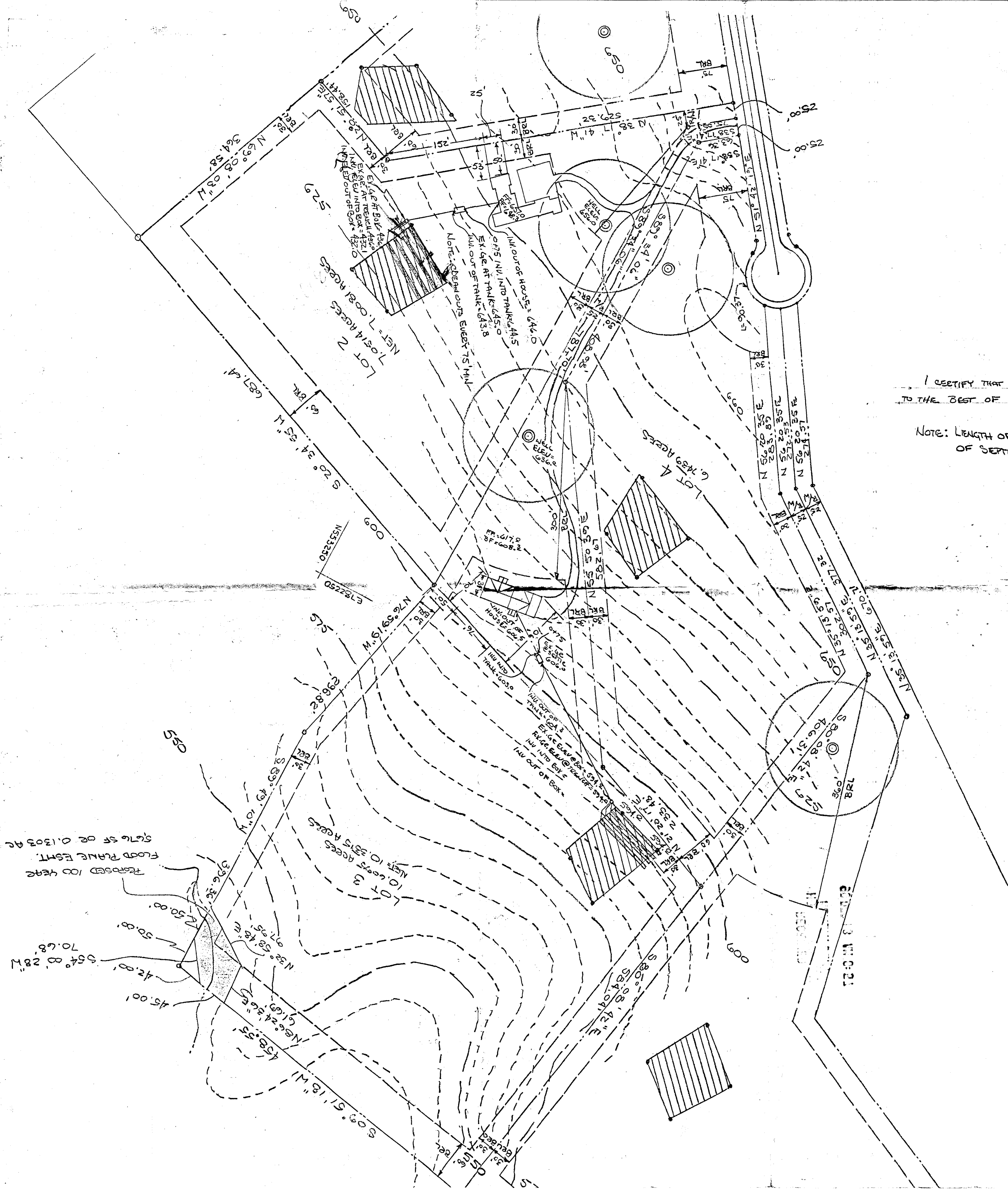
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: _____

Date: _____

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.



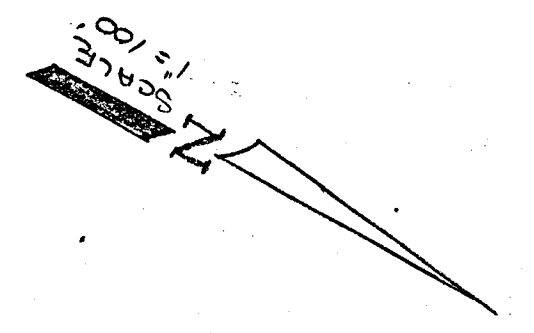
I CERTIFY THAT THE MEASUREMENTS SHOWN ON LOT 2 ARE ACTUAL & CORRECT TO THE BEST OF MY KNOWLEDGE.

SIGNED: *[Signature]*

NOTE: LENGTH OF TRENCHES TO BE DETERMINED BY THE HEALTH DEPT. AT THE TIME OF SEPTIC PERMIT ISSUANCE.

12/18/90

PLANS OK



NOTES

- Subject property is zoned - R, per August 1985 Comprehensive Zoning Plan.
- Public water and sewer systems not existing. Proposed water and sewer systems are to be private well and septic.
- Area Tabulation:
Gross area of the tract is 2,734.910 square feet or 62.7849 acres.
Area of the Floodplain is 5,676 square feet or 0.1303 acres.
Area of the proposed roadway is 47,197 square feet or 1.0835 acres.
There are 7 lots within this subdivision, totaling 62.7849 acres.
- Dead reference: 810/579. PLAT REFERENCE: 1" 5519.
- Boundary Survey Information based on a field survey prepared by V.H.I., Robert & Associates, Inc. dated June 3, 1988.
- Topographic information based on the Howard County 200' sheets.
- Floodplain delineation is based on a study prepared by Mildenberg, Mochi & Associates, Inc. dated April, 1988.
- Woodbine Road is County maintained.
- Driveways/Roadways which will service two or more lots must meet the following requirements for FIRE AND EMERGENCY SERVICE VEHICLES ACCESS:
a. Width: twelve (12) feet.
b. Construction: six (6) inches of compacted "crusher run" base with a "tar and chip" coating.
c. Turning Radius: forty (40) feet.
d. Bridges and Culverts: designed to support vehicles with a gross vehicle weight of twenty-five (25) tons.
e. Overhead Clearance: twelve (12) feet.
f. HOUSE NUMBERS: Identification signs are to be placed of the driveway entrance and the main road. Where one (1) driveway serves more than one (1) lot (common driveway), a house number sign must be placed at each lot entrance.
g. Maintenance: Driveways must be maintained for all weather use.
h. These are recommendations only for driveways serving one (1) lot. However, flag lot driveways must have a house number sign placed where driveway meets the main road.
- Flag or pipe stem lots shall not be further subdivided into lots accommodating additional residences unless a public road can be constructed according to county standards on a minimum fifty (50) foot right-of-way to be deeded to the county.
- 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 easements. Recordation of a modified sewage easement shall not be necessary.
Topographic information used to prepare profiles is based on a field survey prepared by V.H.I., Robert & Associates dated July 1, 1988.
- Cross sections used for HEC-2 Floodplain study were taken from county topography.

DENOTES PAVING SECTION R-6, SEE HOWARD COUNTY STANDARD R-202.

COORDINATE TABLE

EAST	NORTH
1 780830.550	553302.124
2 781073.014	553471.535
3 781359.075	553671.920
4 781652.988	553892.902
5 781892.971	554173.606
6 781892.910	554412.028
7 782112.472	554723.787
8 782204.000	554913.956
9 781084.407	555003.277
10 782445.059	555014.602
11 782429.041	555033.667
12 783021.115	55531.654
13 782870.080	555342.515
14 782473.739	555341.067
15 78184.946	555401.891
16 781942.801	555744.140
17 780832.281	556181.447
18 780832.444	556201.755
19 780856.845	556321.086
20 781119.879	556321.100
21 781499.027	556367.813
22 781515.467	556390.061
23 781476.114	556458.020
24 781464.713	556527.116
25 781066.642	556530.366
26 780866.891	556578.105
27 780820.018	556592.606

CURVE DATA FOR SOBRINA FARM COURT RIGHT-OF-WAY

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
1	275.00'	245.85'	131.82'	237.74'	N77°18'60"E	51°13'21"
2	25.00'	21.03'	11.15'	20.41'	N27°35'58"E	48°11'23"
3	50.00'	241.19'	44.72'	66.67'	S38°17'41"E	276°22'46"
4	25.00'	21.03'	11.15'	20.41'	S75°48'01"W	48°11'23"
5	325.00'	279.16'	148.85'	270.66'	S76°18'47"W	49°12'55"

LOT TABULATION

LOT #	GROSS AREA (AC)	STEM AREA (AC)	NET AREA (AC)	25% SLOPE (AC)	FLOODPLAIN (AC)	RESULTING LOT SIZE (AC)
1	4.5764	0.0	4.5764	0.351	0.0	4.2253
2	7.0814	0.0433	7.0381	0.0	0.0	7.0381
3	10.6093	0.2780	10.3313	0.2407	0.0003	10.0903
4	6.7433	0.0	6.7433	0.0093	0.0	6.7340
5	12.697	0.3541	12.3429	0.076	0.0	12.2669
6	8.8801	0.375	8.5051	0.0	0.0	8.5051
7	12.5705	0.0	12.5705	3.5330	0.0	9.0375

OWNER
 Sobrina 99, Inc.
 c/o Land Design & Development, Inc.
 8307 Main Street
 Ellicott City, Maryland 21043
 (301) 461-4600
 ATTN: Mr. Erwin Gudelsky

DEVELOPER
 Land Design & Development, Inc.
 8307 Main Street
 Ellicott City, Maryland 21043
 (301) 461-4600
 ATTN: Mr. Donald R. Reuter, Jr.
 General Partner

ENGINEER
 Mildenberg, Mochi & Associates, Inc.
 3300 North Ridge Road, Suite 235
 Ellicott City, Maryland 21043
 (301) 461-0078
 ATTN: Mr. Robert M. Mochi, P.E.

LOTS 1 - 7
SOBRINA FARMS SUBDIVISION
 4th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
PRELIMINARY PLAN

AUG - 3 1989
 MILDENBERG, MOCHI & ASSOC.
 ELICOTT CITY, MD.

MILDENBERG, MOCHI & ASSOCIATES, INC.
 3300 North Ridge Road, Suite 235, Ellicott City, Maryland, 21043-1150
 (301) 461-0078

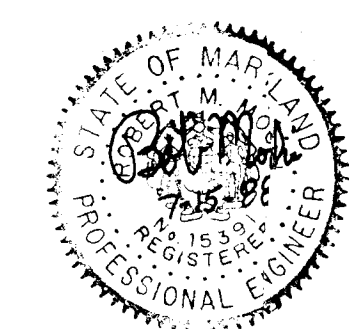
PRELIMINARY PLAN

LOTS 1 - 7
SOBRINA FARMS SUBDIVISION
 (formerly Lot 2 of Montgomery Industrial Park)

Election District No. 4
 Howard County, Maryland

Tax Map 2, Parcel 39
 Scale: 1" = 100' July 1988

Current Zoning: R
 Previous References:
 S-85-22, P-85-24, VP-81-51, VP-82-55, F-82-126, G-88-102
 P-89-05



APPROVED: For Private Water and Sewerage Systems
 HOWARD COUNTY HEALTH DEPARTMENT
 County Health Officer Date 9-21-89

- LEGEND**
 Proposed Septic
 Proposed Well
 Perc Holes (f = failed)
 Floodplain Delineation

PERC TABULATION

OLD LOT NUMBERS	Lot Number	Avg. Perc Time in Min. per Sec. Inch	Pipe to Enter Sewer Disposal Area at its Highest Elev. w/References to Ex. Grade at the Time of Perc Test	PERC TICKET NO.
3	1	10 min.	3.5' 6.0'	SHALLOW A 35015
4	2	11 min.	4.0' 6.0'	SHALLOW A 35016
5	3	8 min.	3.0' 5.0'	SHALLOW A 41587
7	4	9 min.	3.5' 5.5'	SHALLOW A 35019
6	5	12 min.	3.5' 6.0'	SHALLOW A 35018
8	6	11 min.	3.0' 5.5'	SHALLOW A 35020
9	7	10 min.	3.0' 5.0'	SHALLOW A 35021