Bureau of Environmental Health
8930 Stanford Boulevard, Columbia, MD 21045
Main: 410-313-2640 | Fax: 410-313-2648
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org
Facebook: www.facebook.com/hocohealth

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 3/29/21 **ONSITE SEWAGE DISPOSAL SYSTEM** P 568811

APPROVAL DATE: 6/17/21 **PERMIT:** **Tank Replacement** A

PROPERTY ADDRESS: **610 Sobrina Farms Court**

SUBDIVISION: LOT: TAX ID:

CONTRACTOR: **WTC III Plumbing and Heating inc.** EMAIL:

CONTRACTOR ADDRESS: **1820 Gillis Falls Road, Woodbine, MD 21797** PHONE: **443-398-1782**

PROPERTY OWNER: **Mark Springmann** EMAIL:

OWNER ADDRESS: **610 Sobrina Farms Court, Woodbine, MD 21797** PHONE:

SEPTIC TANK SIZE (GALLONS): 1500 PUMP CHAMBER CAPACITY (GALLONS): PUMP SIZE:

NUMBER OF BEDROOMS: HOUSE SQ. FT. APPLICATION RATE:

DISTRIBUTION SYSTEM: GRAVITY FED ☒ LOW PRESSURE DOSED ☐

TRENCHES:	LINEAR FEET REQUIRED:	INLET DEPTH:
	TRENCH WIDTH:	MAXIMUM BOTTOM DEPTH:
	MINIMUM SPACE BETWEEN TRENCHES:	EFFECTIVE AREA BEGINNING DEPTH:
LOCATION:	**TO BE STAKED BY SANITARIAN DURING PRE-CONSTRUCTION INSPECTION.**	
NOTES:	tank replacement only.	

ISSUED BY: H. Oswald ISSUE DATE: 3/29/21 EXPIRATION DATE: 3/29/22

NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION

NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING

NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

☑ *ELECTRICAL PERMIT ISSUED* E

NOTE: THE HCHD DOES NOT WARRANTY ANY SYSTEM AND CANNOT GUARANTEE THE PERFORMANCE OF THIS SYSTEM AS DESIGNED. BY ACCEPTING THIS PERMIT, THE OWNER AND/OR APPLICANT ACKOWLEDGE THAT THE SPECIFICATIONS DETAILED IN THIS DESIGN ARE ONE POSSIBLE OPTION AND THAT THE HCHD WILL REVIEW OTHER PROPOSALS. YOU HAVE THE OPTION TO SEEK THE ADVICE OF A QUALIFIED DESIGN CONSULTANT OR PROFESSIONAL ENGINEER FOR FURTHER GUIADNCE.

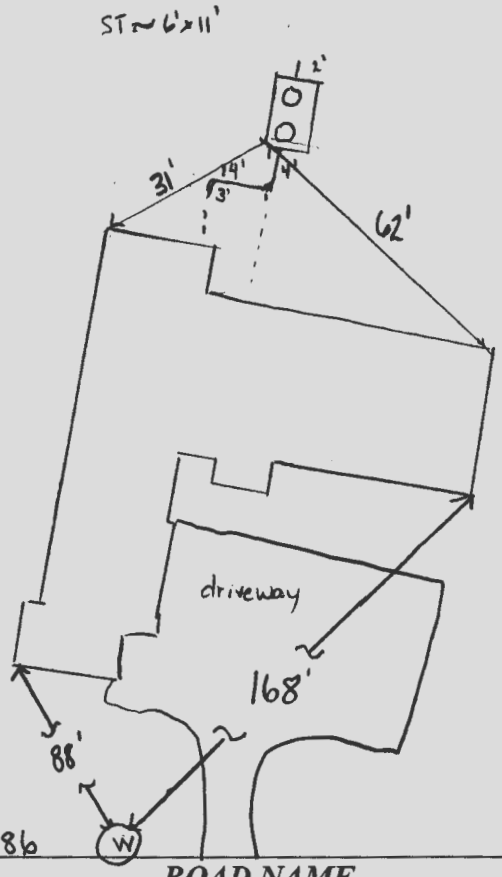
NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

NOT TO SCALE



H0-88-0986

ROAD NAME
Sobring Farms Ct.

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM

NUMBER OF TRENCHES _____
TOTAL LENGTH _____
ABSORPTION AREA _____
DISTRIBUTION BOX LEVEL _____
DISTRIBUTION BOX BAFFLE _____
DISTRIBUTION BOX PORT _____

TANK REPLACEMENT

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL yes
MANUFACTURER Babylon
CAPACITY 1500 GAL
SEAM LOC top
TANK LID DEPTH 2'
BAFFLES front 6" - back 4"
BAFFLE FILTER -
MANHOLE LOC front / back
6" PORT LOC -
WATERTIGHT TEST -
SLOTTED yes
DATE ON LID 4/21/21

PUMP/SEPTIC TANK LEVEL _____
MANUFACTURER _____
CAPACITY _____ GAL
SEAM LOC _____
TANK LID DEPTH _____
BAFFLES _____
BAFFLE FILTER _____
MANHOLE LOC _____
6" PORT LOC _____
WATERTIGHT TEST _____
SLOTTED _____
DATE ON LID _____

PRE-CONSTRUCTION:

INSTALLATION: 6/17/21 - tank replacement - upgrade to 1500 gal for renovation in basement, baffles are good, had to step the sewer line down 1-2 ft coming out the back of the septic tank - looks good - old tank pumped out and removed from site for recycling and new tank was installed in same place as old tank. OK to backfill. (RR)

FINAL INSPECTOR R. Rappaport DATE OF APPROVAL 6/17/21

HOWARD COUNTY
HEALTH DEPARTMENT

Bureau of Environmental Health
8930 Stanford Blvd | Columbia, MD 21045
410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

Maura J. Rossman, M.D., Health Officer

INFORMATION FORM - SEPTIC SYSTEM REPAIR/UPGRADE

Reason for Request:

- ☐ Failing System
- ☐ System relocation for proposed addition
- ☒ System upgrade for proposed addition
- ☐ Inadequate treatment zone
- ☐ Collapsed septic tank
- ☐ Collapsed drywell

Existing system design

- ☐ Drywell
- ☒ Trench
- ☐ Mound
- ☐ Unknown
- ☐ Other: _____

Is discharge surfacing on the ground?

__Yes
__No

Has the septic tank been pumped within the last month?

__Yes Date pumped:_____
__No

Was a visual inspection of the septic tank and/or drain fields conducted?

__Yes Explain observation: was found to be a 1000 gallon Tank
__No

Was a visual inspection of the sewage line conducted?

__Yes
__No

Blockage Leading to the field

__Yes Explain _____
__No

Additional Comments: Need to upgrade Tank from a 1000 gallon to a 1500 gallon for basement Bedroom and Bathroom

*For REPAIRS, are the owners proposing, or do they plan to add in the future any additions or modifications to the property, i.e. pools, living space additions, garages, etc? This information must be disclosed at the time of this application. The Health Department will not be able to accommodate requests in the field for property modifications unrelated to the repair request. Such requests may require an additional fee, testing, and submittal of a Percolation Certification Plan, if the property does not meet current Code and Regulations.

Septic Contractor: WTC III P+H
Contractor's Phone: 443 398-1782
Contractor's Address: 1820 Gillis Falls Rd MD State Master Plumber #7979
Property Address: 610 Sobring Farms Ct
County File: _____
Subdivision: Sobring Farms
Lot: _____ Year Built: _____
Owner's Name: Mark Springmann
Existing bedrooms: _____
Name of previous owners: _____
Existing bedrooms: _____
Proposed bedrooms: _____

*A Sanitarian will be in contact within three business days, depending upon the urgency of the situation, to coordinate the scheduling/review of the repair or upgrade.
Prior to scheduling inspections, scaled plans should be submitted to clarify the nature of the addition.
Print out a copy of Real Property Data via Dept. of Taxation website_____Indexed file found_____
If soil/site conditions are limited and sewer and/or Metro District status is not conducive to connection, the Sanitarian may recommend pursuit of Emergency Sewer Extension or Emergency Metro District Inclusion. The Owner should contact the Bureau of Utilities for details.
No permit is to be issued nor inspection to be scheduled without prior fee collection at the office unless an emergency exists.
The contractor is to notify the office of the emergency as soon as possible.

2/2020

NOTES

1. Subject property is zoned – R, per August 1985 Comprehensive Zoning Plan.
2. Public water and sewer systems not existing. Proposed water and sewer systems are to be private well and septic.
3. Area Tabulation:
   Gross area of the tract is 2,734,310 square feet or 62.7849 acres.
   Area of the Floodplain is 5,876 square feet or 0.1351 acres.
   Area of the proposed roadway is 47,197 square feet or 1.0835 acres.
   There are 7 lots within the subdivision, totaling 52.7849 acres.
4. Deed reference: 810/579 Plat reference: liber 5616
5. Boundary Survey information based on a field survey prepared by VHB, Rowe & Associates, Inc. dated June 8, 1988
6. Topographic information based the Howard County 200' sheets 4-
7. Floodplain delineation is based on a study prepared by Mildenberg, Moch & Associates, Inc. dated April, 1988.
8. Woodbine Road is County maintained.
9. 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 at 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.
   *. 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.
10. 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.
11. An area designated 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 and 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.
12. Topographic information used to prepare profiles is based on a field survey prepared by VHB, Rowe & Associates dated July 1, 1988.
13. Cross sections used for HEC-2 Floodplain study were taken from county topography.

▨ - Denotes Prime Section P.6, 566
Howard County Standard F-2.02

COORDINATE TABLE

	EAST	NORTH
1	1365890.9669	565792.7741
2	1361075.0746	565420.4369
3	1361060.0787	565671.0325
4	1361090.5608	565696.5607
5	1361192.9714	565713.6986
6	1361687.8130	565812.0283
7	1362110.2189	565708.7907
8	1362110.6986	565815.5989
9	1361685.4075	565809.2977
10	1362185.0869	565694.2308
11	1362185.0263	565895.5237
12	1362088.1782	565891.8861
13	1362010.0280	565849.2115
14	1362175.1689	565654.0607
15	1361852.6806	565493.8801
16	1361492.8018	565769.4130
17	1362882.5841	565181.6447
18	1362882.4184	565207.7933
19	1362869.9909	565823.0898
20	1361185.6989	565820.1242
21	1361185.0292	565801.6145
22	1361515.4579	565802.0812
23	1361471.7147	565804.6529
24	1361491.1189	565821.1161
25	1361288.6642	565832.3286
26	1362869.6511	565878.1685
27	1362835.0188	565805.6626

CURVE DATA FOR SOBRINA FARM COURT RIGHT-OF-WAY

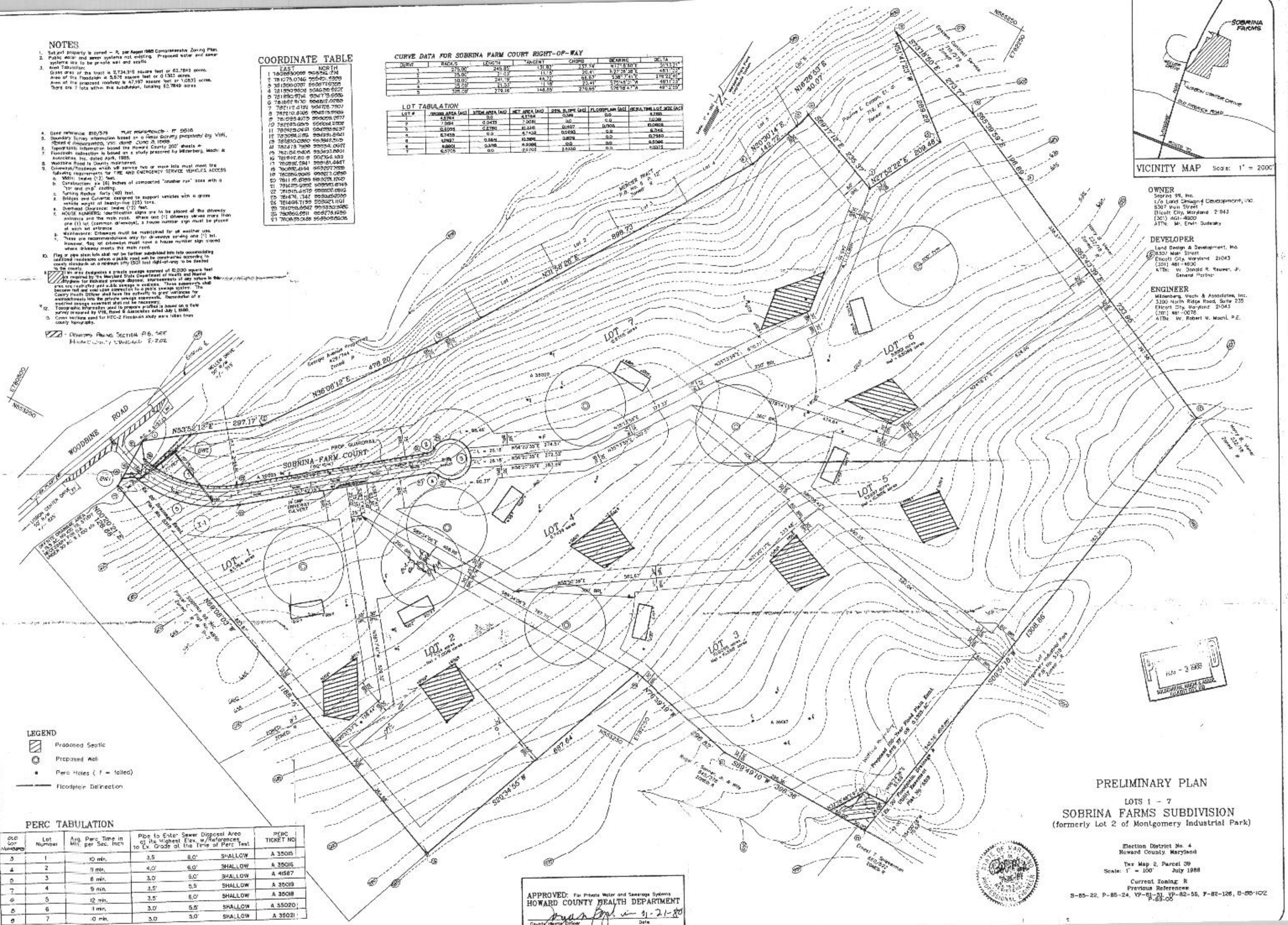
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
1	275.00'	245.85'	131.81'	237.74'	N12°51'00"E	51°13'21"
2	15.00'	21.03'	11.53'	20.41'	N37°38'38"E	80°17'17"
3	50.00'	241.79'	44.37'	55.07'	S38°17'41"E	276°22'46"
4	15.00'	23.55'	15.00'	21.21'	S76°48'52"W	89°57'53"
5	325.00'	279.16'	148.55'	270.85'	S26°18'41"W	49°12'55"

LOT TABULATION

LOT #	GROSS AREA (AC)	STORM AREA (AC)	NET AREA (AC)	25% SLOPE (AC)	FLOODPLAIN (AC)	BUILDABLE LOT SIZE (AC)
1	4.5764	0.0	4.5764	0.349	0.0	4.2415
2	7.0084	0.0473	7.0081	0.0	0.0	7.0081
3	9.5095	0.2780	10.316	0.1607	0.0006	10.0628
4	5.7428	0.0	5.7428	0.0693	0.0	5.6735
5	4.2987	0.3844	10.2096	0.3878	0.0	9.7580
6	8.8802	0.3316	9.5096	0.0	0.0	9.5096
7	6.5705	0.0	23.705	2.8330	0.0	6.5375

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	8.0'	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



project	date
88010-00	JULY, 1988
illustration	engineering
KAM	KAM
scale	approval
1" = 100'	RMM

ADDRESS # REVIEW COMMENTS (P-89-05) - Sent Via Mail. (Wm/R)
SUBMITTED TO COUNTY: 1ST REVIEW 7/24/89
date description
no. revisions
1
2

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

MILDENBERG, MOCH & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
3300 North Ridge Road, Suite 235, Ellicott City, Maryland 21043-1350
(301) 461-0078 D.C. Metro (301) 621-7798

1 OF 1

9/10/96
ASAP.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 57264C

A 35016

DISTRICT 4th

DATE 9/6/96

DATE SYSTEM APPROVED 9-10-96

INSPECTOR

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~461-9933~~ 313-2640

04-349768

Jack Fyock Septic Service IS PERMITTED TO INSTALL X 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 ori 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 - Noitrench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 12/27/90 OK RH

PLANS APROVED BY RaymondiHodges 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.

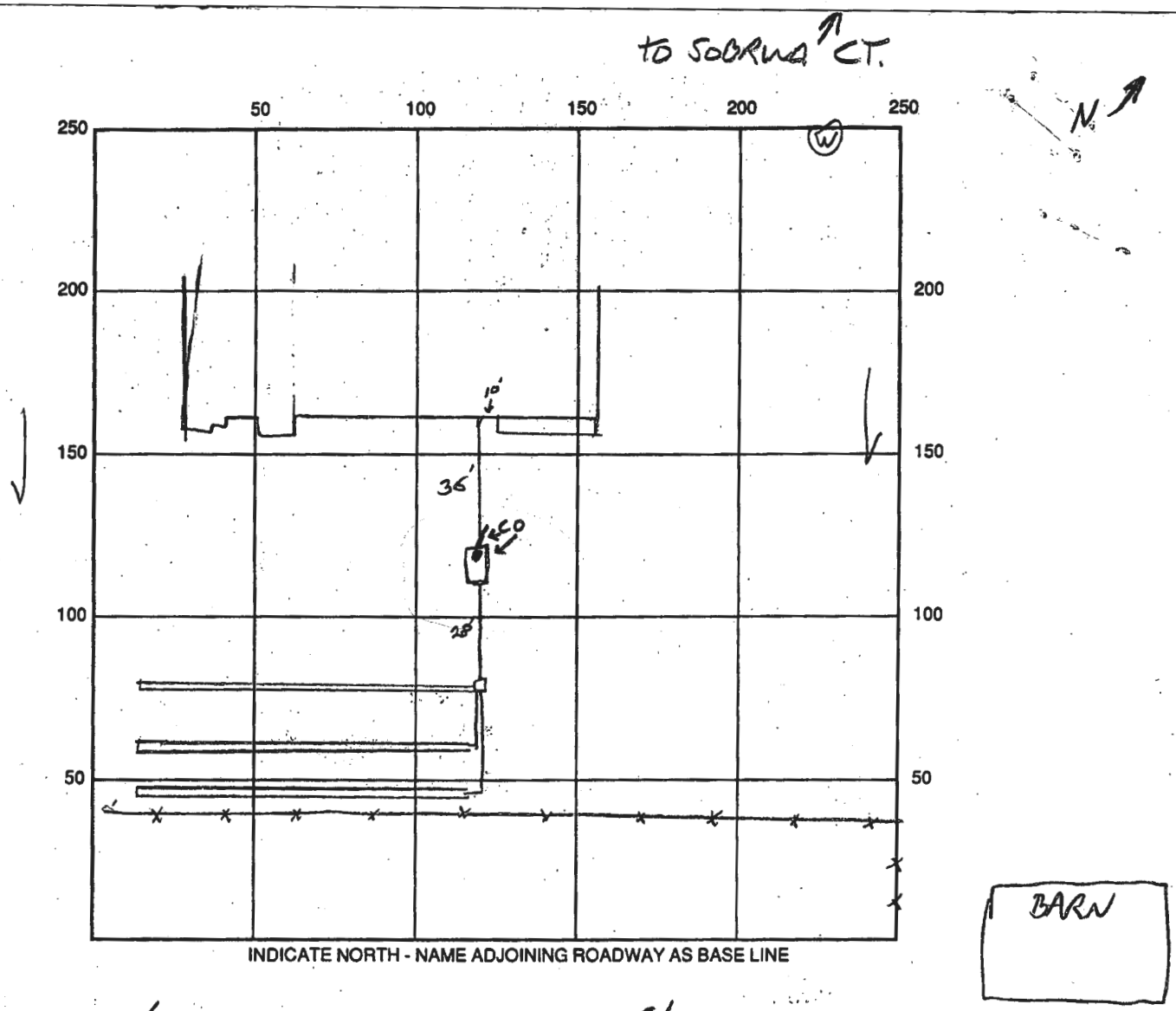
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A 35016



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL ok CLEANOUTS ok

DISTRIBUTION BOX LEVEL ok

DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 1.5 FT. TOTAL LENGTH 3x100 FT. = 300

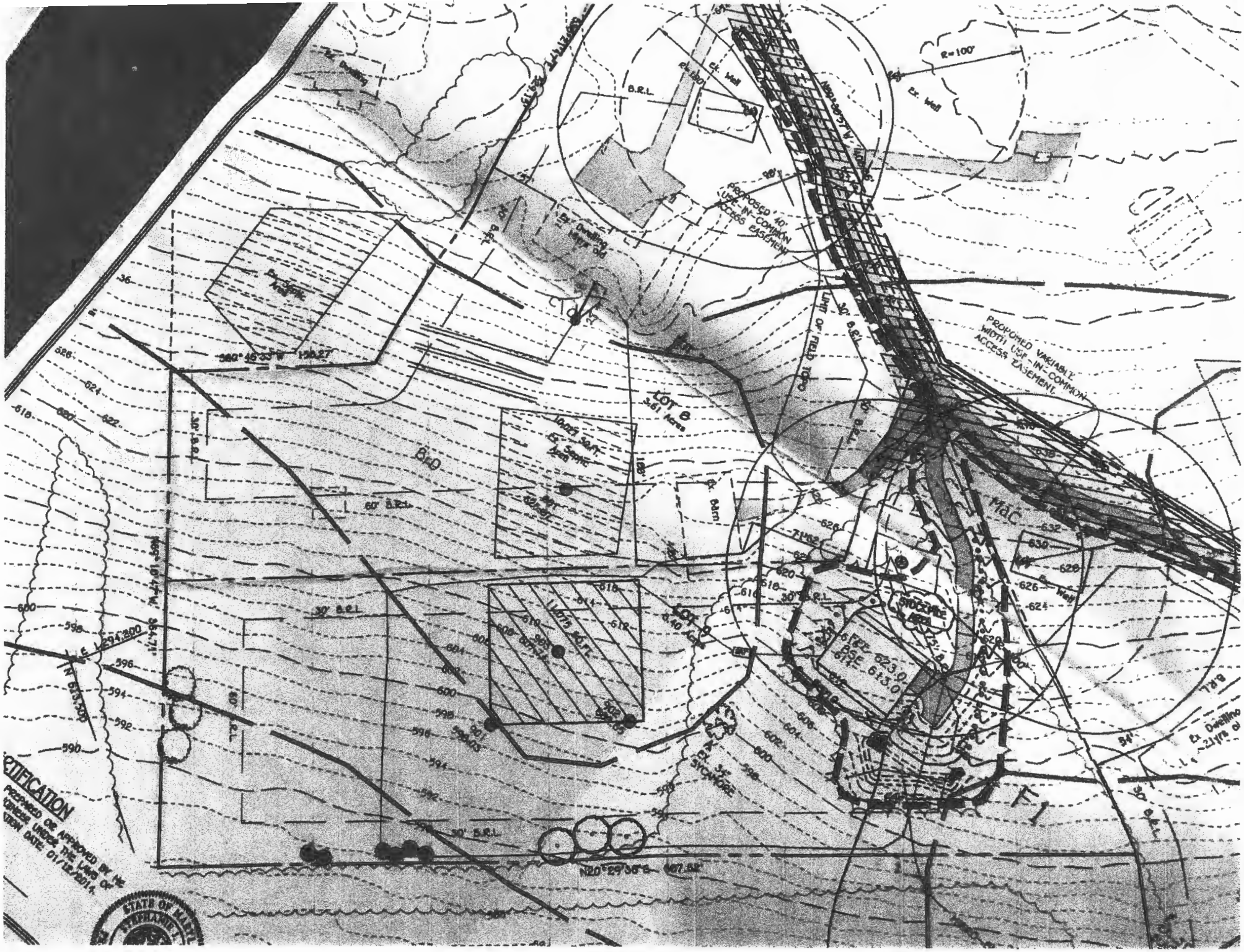
NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 900 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 9-10-96 90' EXTRA TRENCH ADDED AT REQUEST OF OWNER.

DATE SYSTEM APPROVED 9/10/96 INSPECTOR [illegible]


R=100'
Ex. Well
B.R.L.
PROPOSED 40' USE-IN-COMMON ACCESS EASEMENT
PROPOSED VARIABLE WIDTH USE-IN-COMMON ACCESS EASEMENT
LOT 8
3.61 Acres
LOT 9
BrD
MaC
10,025 Sq.Ft.
Ex. Septic Area
11,075 Sq.Ft.
Ex. Sycamore
Ex. 34" SYCAMORE
Ex. Dwelling
30' B.R.L.
60' B.R.L.
N20°29'36"E 487.52'
S60°46'33"W 126.27'
CERTIFICATION
PREPARED OR APPROVED BY ME
LICENSE UNDER THE LAWS OF
EXPIRATION DATE: 01/12/2014
STATE OF MAINE
STEPHANIE T.

● = SEPTIC TANK

The new tank will be installed in the same location as the existing tank.

- Look for tank receipt & then sign off in A permit w/ condition no final inspection approved.