



Howard County
Health Department

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: 4/10/18 **ONSITE SEWAGE DISPOSAL SYSTEM**

P 562954

APPROVAL DATE: 4/20/2018 **PERMIT: CONSTRUCTION**

A

PROPERTY ADDRESS: 631 Sobrina Farms Court

SUBDIVISION: Sobrina Farms

LOT: 6

TAX ID:

CONTRACTOR: STATEWIDE SEPTIC

EMAIL:

CONTRACTOR ADDRESS:

PHONE:

PROPERTY OWNER: Mark and Christine Phipps

EMAIL: Christine.k.choi@gmail.com

OWNER ADDRESS: 628 Martock Lane, Hanover, MD 21076

PHONE:

SEPTIC TANK SIZE (GALLONS): 2000

TANK MANUFACTURER: Babylon Vault

PUMP MODEL: N/A

PUMP SIZE

N/A

PUMP TANK CAPACITY:

N/A

DISTRIBUTION SYSTEM: ☒ GRAVITY

☐ PRESSURE DOSED

BEDROOMS: 4

APPLICATION RATE: 0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>139</u>	INLET DEPTH: <u>3</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>5.5</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Use 140' of trench 2 x 70' trenches	

ISSUED BY: Hank Oswald

ISSUE DATE: 4/10/18

EXPIRATION DATE: 4/10/19

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 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

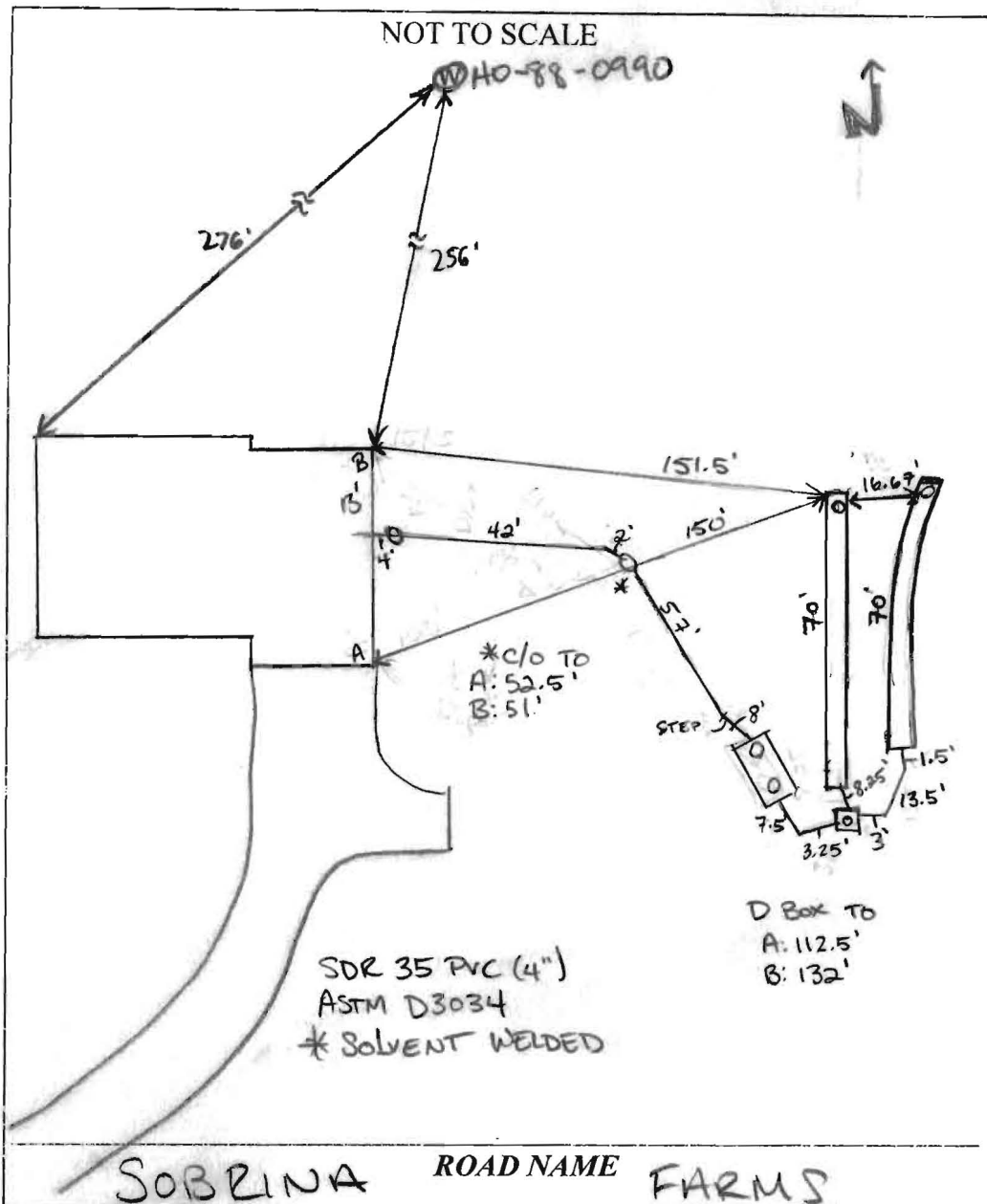
E

NOTE: 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.



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	3'	5.5'

NUMBER OF TRENCHES 2

TOTAL LENGTH 140'

ABSORPTION AREA 420 ft²

DISTRIBUTION BOX LEVEL YES

DISTRIBUTION BOX BAFFLE YES (BRICK)

DISTRIBUTION BOX PORT YES

SEPTIC TANK DATA

SEPTIC TANK I LEVEL OK

MANUFACTURER BayStar

CAPACITY 1500 GAL

SEAM LOC TOP

TANK LID DEPTH 3'11" - 2'10"

BAFFLES YES

BAFFLE FILTER NO

MANHOLE LOC Front/Back

6" PORT LOC Inlet

WATERTIGHT TEST N/A

SLOTTED YES

DATE ON LID 2-20-18

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

PRF-CONSTRUCTION:

4/10/2018 Contractor did not have transit. Reschedule. 4/11/2018 Layed out trenches. Shifted trenches toward upper border of SDA to conserve space. Shifted tank position to reduce cover. Contractor's first job in Howard county. 4/12/2018 Trenches complete. last load of stone installed had excess of fines which was placed in the upper trench. Contractor notified. Quarry contacted. OK to backfill - stone accepted on this occasion but no further. 4/13/2018 TANK SET. BayStar. Sewer line from house installed. D Box has no baffle. Reinsp D Box + Speed levels. 4/18/18 Trenches not backfilled. Call to reschedule D Box level - contractor had stopped d box test while it was in progress. 4/20/2018 D Box level complete. Brick used as baffle.

INSTALLATION: 4/11/2018 (PM) Lower trench dug. Soil observed as described in Perc Notes. 4/12/2018 Trenches complete. last load of stone installed had excess of fines which was placed in the upper trench. Contractor notified. Quarry contacted. OK to backfill - stone accepted on this occasion but no further. 4/13/2018 TANK SET. BayStar. Sewer line from house installed. D Box has no baffle. Reinsp D Box + Speed levels. 4/18/18 Trenches not backfilled. Call to reschedule D Box level - contractor had stopped d box test while it was in progress. 4/20/2018 D Box level complete. Brick used as baffle.

FINAL INSPECTOR DATE OF APPROVAL 04/20/2018

7:30 PM
11/28/90
12/11/90 12-20-90
12/12
12/13
12/14

LOT 7

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEX-TIME EXPIRED

FOR F.C.O.P. COMPLIANCE
INDEXED

9/8/93 C. Williams

P 46654

A 35021

DISTRICT 4th

DATE 11/29/90

DATE SYSTEM APPROVED 12/20/90

INSPECTOR

R.M.

B.W.T., Inc.

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 11974 Route 216, Fulton, Maryland

PHONE 498-6138

SUBDIVISION Sobrina Farms

ROAD 601 Sobrina Farms Court

LOT 7

PROPERTY OWNER Mike Fisher

ADDRESS

* NOTE: SEPTIC SYSTEM LAYOUT INSPECTION REQUIRED BEFORE BEGINNING ANY EXCAVATION; SEE ATTACHED LETTER FOR SPECIAL CONSIDERATIONS.

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

TRENCHES - 210 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 3.0 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Start the first trench 815 feet from the right front corner off cul d'sac and 60 feet off the right (670') lot line as seen when facing the lot from Sobrina Farms Court. Run trenches on contour toward the right rear part of the lot.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 8-20-90 JEN

PLANS APPROVED BY Sid Abel/Craig Williams

cm

DATE 08/03/90

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

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

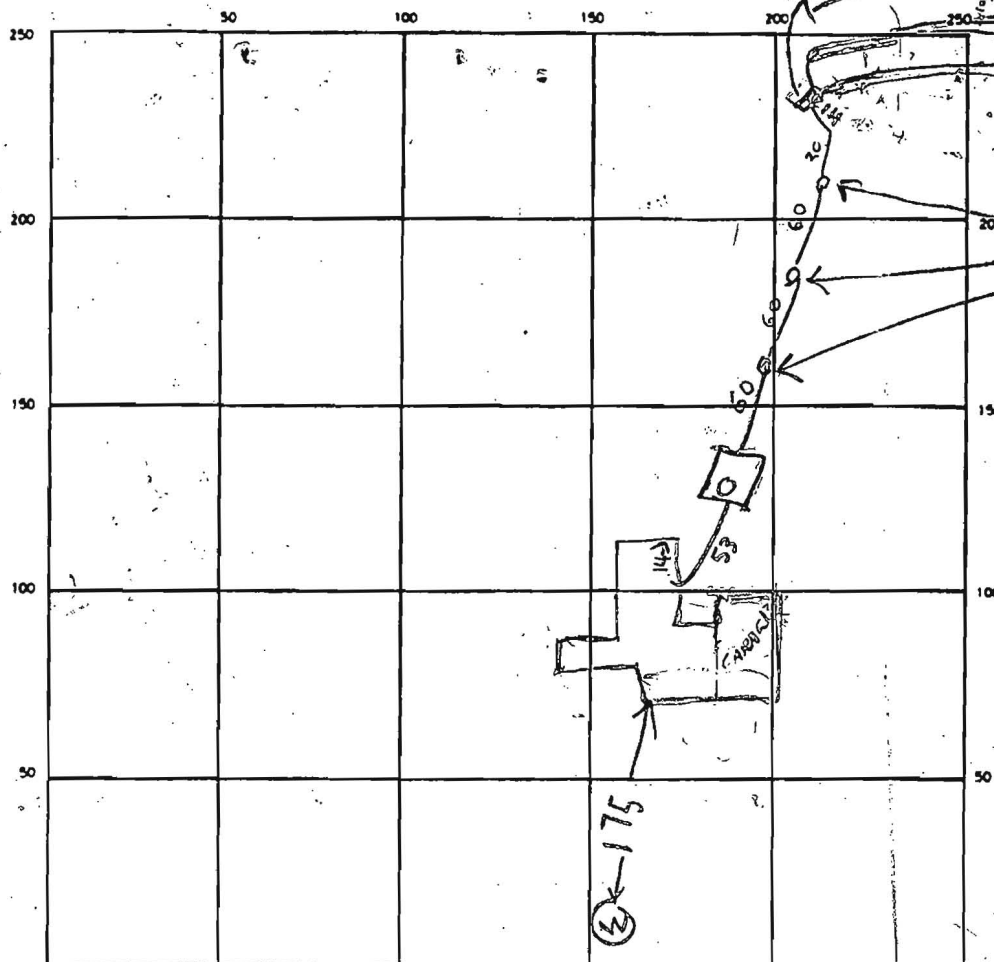
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 35021



SEPTIC TANK. LEVEL OK 1500

CLEANOUTS ST | SEWER
OK | OK 3

DISTRIBUTION BOX. LEVEL OK

DRAIN FIELD/TILE FIELD. DEPTH 4.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH

100	90	121	271
-----	----	-----	-----

 FT.

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA 8 | 3 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 12/11/90 OK TO PROCEED AS PLANNED C/MR 12/12/90 OK

HOUSESEWER R/H. 12/13/90 TANK INSTALLED & CONNECTED TO BOX R/H

12/14/90 AM - TRENCH #1 STARTED. FINISH TRENCH #1 & ADD STONE DIG OTHER

TRENCHES & ADD STONE & CALL R/H. 12/20/90 AM TRENCHES
FINISHED

DATE SYSTEM APPROVED

12/20/90

INSPECTOR

Raymond Hodge

A 35020SUBDIVISION: SOBRING FARMSLOT NUMBER: 6DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES_____ 210 sq. ft./bedroomTrench to be 3 wide.Inlet 3 feet below original grade.Bottom maximum depth 4.5 feet below original grade.Effective area begins at 3 feet below original grade.1.5 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: START THE FIRST TRENCH 550 FT FROM THE REAR (336)
LOT LINE AND 130 FT FROM THE RIGHT LOT LINE AS SHOWN WITH
FACING THE LOT FROM SOBRING FARMS CT. RUN TRENCHES ON
CONTOUR TOWARD THE FRONT OF LOT. 8-8-89. SCL

FILE INQUIRY NOTES
 Sabrina Farms Subdivision - Plat of Revision
 RESULTS OF REVIEW FOR FILE

Sabrina Farms Subdivision - Plat of Revision

[illegible]

Transmittal

Via: ☐ Fax ☐ Mail ☒ Messenger ☐ E-Mail ☐ To Be Picked Up
☐ Fax (original to follow via U.S. Mail)

To: Bureau of Environmental Health 8930 Stanford Blvd Columbia, MD 21046-4 4	Attn: Robert Freeman Fax: (410) 313-2648 Phone: (410) 313-2640
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From: Stephanie Tuite	CC:
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Re: 631 Sobrina Farms Court - Septic Plan	W.O.# 06060-6002
Date: 11/16/17	Pages: Page(s) Including this cover

We are forwarding:	<input checked="" type="checkbox"/> Prints	<input type="checkbox"/> Copy of Letter	<input type="checkbox"/> Specifications	<input type="checkbox"/> Shop drawings	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Urgent	<input type="checkbox"/> For your use	<input type="checkbox"/> As requested	<input type="checkbox"/> For Review & Comment	

Remarks:

Attached please find three copies of the Septic Plan for Permit # B17003727, 631 Sobrina Farms Court (Sobrina Farms Subdivision, Lot 6).

Please call with any questions.

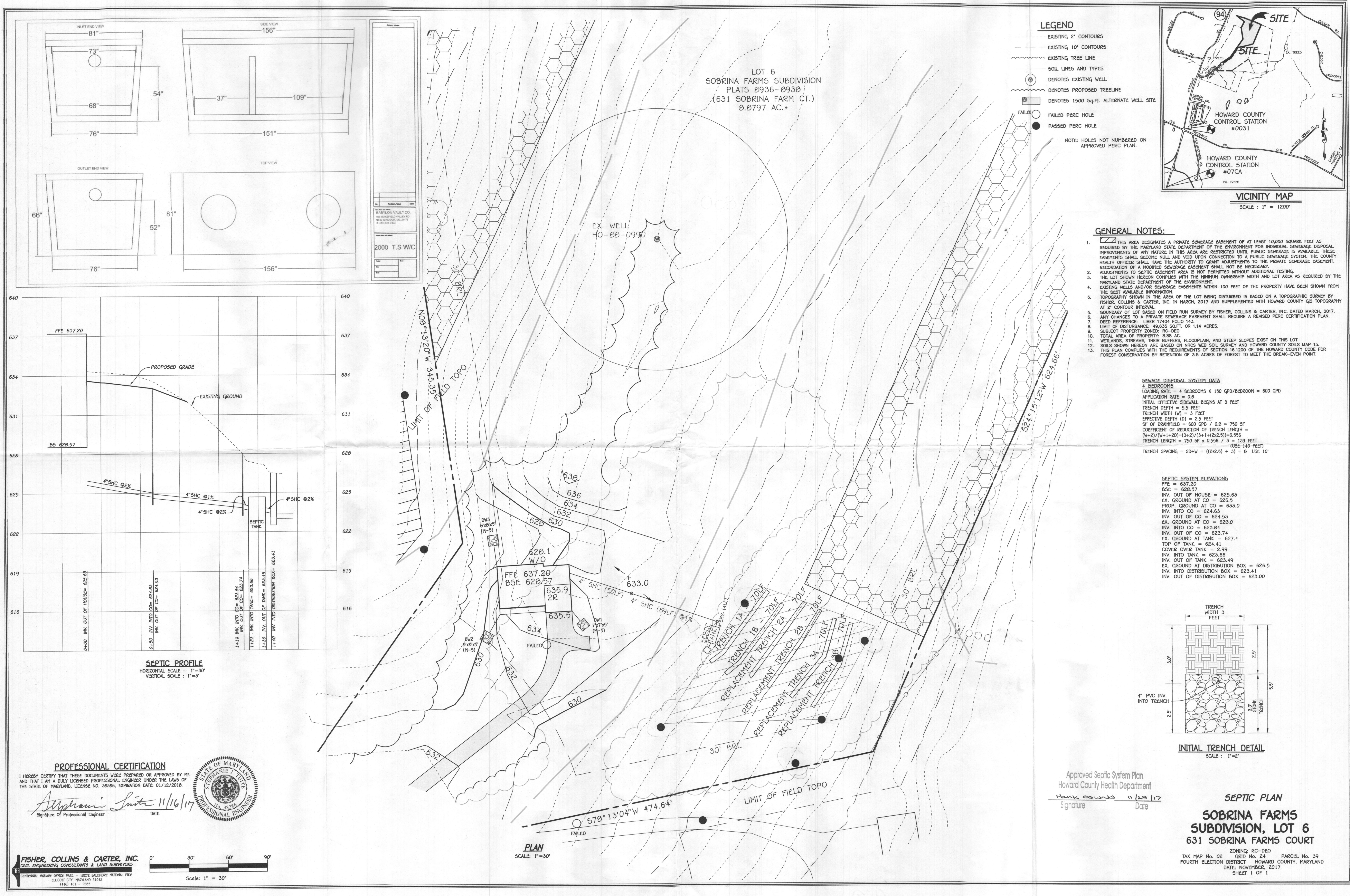
Stephanie Tuite, RLA, PE, LEED AP BD&C
arter, Inc.

Received 11/16

I don't know
why Stephanie sent
this to me. I let
her know I gave it
to you since your
working on the BP.

TY NOTICE

which may be legally privileged, and is intended only for the recipient, you are hereby notified that any distribution (transmission) is strictly prohibited.



I:\2016\060606\dwg\060606-0002 Septic Plan.dwg, Septic Sheet 1, 1 of 1

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 36386, EXPIRATION DATE: 01/12/2018.

Alphonse Luter 11/16/17
Signature of Professional Engineer DATE

STATE OF MARYLAND
STEPHENIE T. LUTER
No. 36386
PROFESSIONAL ENGINEER

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

33 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELICOTT CITY, MARYLAND 21042
(410) 461 - 2995

0' 30' 60' 90'
Scale: 1" = 30'

GENERAL NOTES:

- 1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL. FROM INSURE, AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN HEREBY CERTIFYING THE COMPLETION OF THE SURVEY. THE SURVEYOR'S RESPONSIBILITY IS TO PROVIDE AN ACCURATE LOCATION OF THE PROPERTY SHOWN HEREON WITHIN THE ESTABLISHED BOUNDARIES OF THE PROPERTY SHOWN HEREON. THE SURVEYOR IS NOT RESPONSIBLE FOR THE LOCATION OF THE PROPERTY SHOWN HEREON, NOR FOR THE LOCATION OF THE PROPERTY SHOWN HEREON, NOR FOR THE LOCATION OF THE PROPERTY SHOWN HEREON.
- 2) THE EXISTING BUILDING IS SHOWN ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL NO. 2402200000 EFFECTIVE 11/6/2013.
- 3) THE EXISTING BUILDING IS SHOWN ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL NO. 2402200000 EFFECTIVE 11/6/2013.
- 4) NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
- 5) THE EXISTING WELLS SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBERS HO-88-0990 AND HO-88-0991) ARE LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS RESPONSIBLE CHARGE, AND THAT I AM A DUTY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND.
- 7) BUILDING PERMIT NO. 126801222.

PROPERTY OF
JOSEPH W. COLLINS
(L. 15170, F. 10)

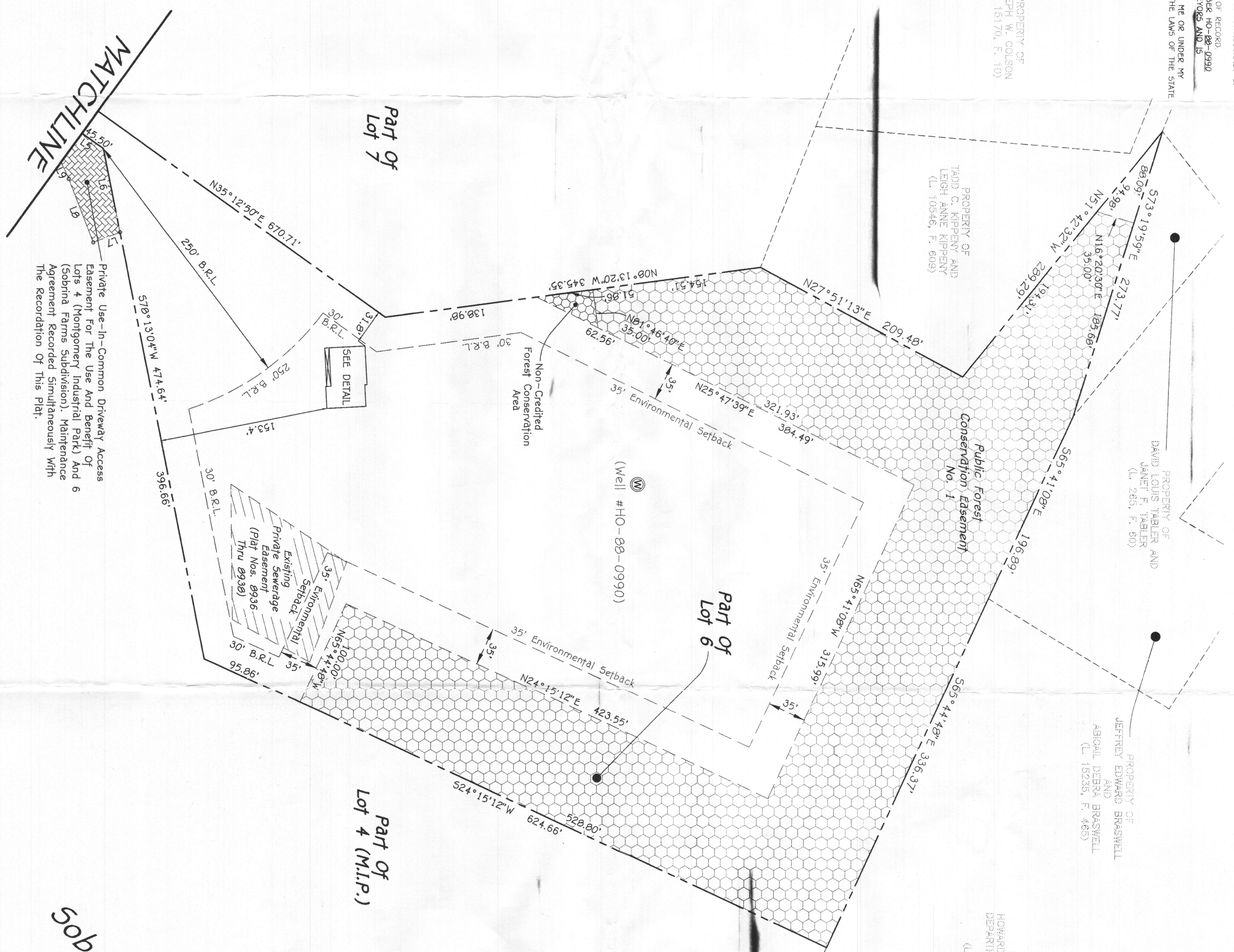
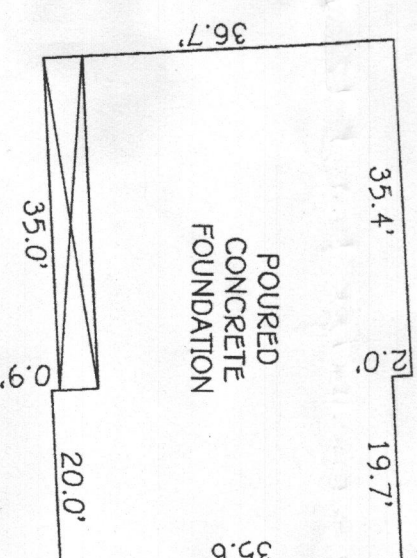
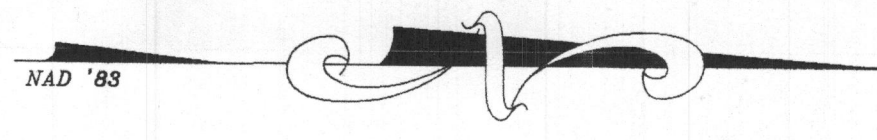
PROPERTY OF
TERRY C. RIPPET AND
LEIGH ANNE RIPPET
(L. 10346, F. 603)

PROPERTY OF
DAVID LOUIS HARRIS AND
JANET E. HARRIS
(L. 325, F. 80)

PROPERTY OF
JEFFREY EDWARD BRASWELL
ABIGAIL DEBRA BRASWELL
(L. 15235, F. 483)

PROPERTY OF
HOWARD COUNTY, MARYLAND
DEPARTMENT OF RECREATION
AND PARKS
(L. 11228, F. 92)

24' Private Use- In-Common Driveway Easement Chart Tabulation			
Line	Bearing	Length	
L1	R-77.00°	L=67.57'	
CH0-N	48°49'07" E	L=65.42'	
L2	N 73°57'31" E	L=111.99'	
L3	R-226.00°	L=115.56'	
CH0-N	59°18'35" E	L=114.31'	
L4	N 44°39'40" E	L=29.81'	
L5	R-487.45°	L=85.15'	
CH0-N	35°39'25" E	L=85.04'	
L6	N 34°39'10" E	L=85.00'	
L7	R-67.60°	L=86.12'	
CH0-N	31°30'11" E	L=86.09'	
L8	R-22.50°	L=48.66'	
L9	N 28°22'04" E	L=111.11'	
CH0-S	31°47'42" W	L=12.10'	
L10	R-90.00°	L=47.00'	
CH0-S	30°30'58" W	L=179.05'	
L11	S 35°12'50" W	L=36.67'	
L12	R-511.45°	L=36.67'	
CH0-S	42°36'25" W	L=29.81'	
L13	S 44°39'40" W	L=29.81'	
CH0-S	59°18'35" W	L=127.84'	
L14	R-250.00°	L=127.84'	
L15	S 73°57'31" W	L=111.99'	
L16	R-53.00°	L=45.01'	
CH0-S	49°37'47" W	L=43.67'	
L17	R-50.00°	L=24.31'	
CH0-N	69°33'45" W	L=24.07'	



Sobrina Farm Court
(Plat Nos. 8936 Thru 8938)
Existing 50' R/W
E=200.00'
L=26.20'

Variable Width Private Use-In-Common Driveway Access Easement For The Use And Benefit Of Lot 7 (Sobrina Farms Subdivision), Maintenance Agreement Recorded Simultaneously With The Recordation Of This Plat.

Variable Width Private Use-In-Common Driveway Access Easement For The Use And Benefit Of Lots 6 And 7 (Sobrina Farms Subdivision) And Lot 4 (Montgomery Industrial Park), Maintenance Agreement Recorded Simultaneously With The Recordation Of This Plat.

4/16/18 - Mail Check
Okay - W.O.