



**Howard County  
Health Department**

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

**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](http://www.hchealth.org)  
Facebook: [www.facebook.com/hocohealth](http://www.facebook.com/hocohealth)

RECEIPT DATE: 10/20/19

**ONSITE SEWAGE DISPOSAL SYSTEM**

P 56047

APPROVAL DATE: \_\_\_\_\_

**PERMIT: CONSTRUCTION**

A \_\_\_\_\_

PROPERTY ADDRESS: 13750 LAKESIDE DRIVE, CLARKSVILLE, MD 21029

SUBDIVISION: Brighton Pines Section 1, Area 1 LOT: 9 TAX ID: 05-396069

CONTRACTOR: SOUTH CARROLL BACKHOE EMAIL: SCBACKHOE@COMCAST.NET

CONTRACTOR ADDRESS: 4410 SALEM BOTTOM ROAD, WESTMINSTER, MD 21157 PHONE: 410-596-3618

PROPERTY OWNER: NVR, INC. EMAIL: ccagle@nvrinc.com

OWNER ADDRESS: 9720 PATUXENT WOODS DRIVE, COLUMBIA, MD 21046 PHONE: (410)379-5956

SEPTIC TANK SIZE (GALLONS): 1500 TANK MANUFACTURER: Mayer Bros., Inc. (or equivalent)

PUMP MODEL: Meyers ME45 PUMP SIZE: 0.4 hp PUMP TANK CAPACITY: 1500

DISTRIBUTION SYSTEM:  GRAVITY  PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE: 1.20.8

TRENCHES:	LINEAR FEET REQUIRED: <u>104 150.25</u>	INLET DEPTH: <u>2.0</u>
	TRENCH WIDTH: <u>3.0</u>	MAXIMUM BOTTOM DEPTH: <u>5.0 6.0</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>2.0 3.0</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:		

ISSUED BY: R BRICKER ISSUE DATE: 10/20/19 EXPIRATION DATE: 10/20/20

- 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 19004702
- 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

SEE ATTACHED  
AS BUILT

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH 3 INLET 2' BOTTOM 6'

NUMBER OF TRENCHES 2

TOTAL LENGTH 153

ABSORPTION AREA 471 SF + SIDE WALL

DISTRIBUTION BOX LEVEL N/A

DISTRIBUTION BOX BAFFLE TURN DOWN

DISTRIBUTION BOX PORT YES

SEPTIC TANK DATA

SEPTIC TANK I LEVEL YES

MANUFACTURER BABYLON

CAPACITY 1500 GAL

SEAM LOC TOP

TANK LID DEPTH 11"

BAFFLES YES

BAFFLE FILTER

MANHOLE LOC FRONT/BACK

6" PORT LOC INLET

WATERTIGHT TEST

SLOTTED YES

DATE ON LID 09/23/2009

PUMP/SEPTIC TANK LEVEL YES

MANUFACTURER BABYLON

CAPACITY 1500 GAL

SEAM LOC TOP

TANK LID DEPTH 11"

BAFFLES N/A

BAFFLE FILTER

MANHOLE LOC OUTLET

6" PORT LOC

WATERTIGHT TEST

SLOTTED

DATE ON LID 09/27/2009 + 08/23/2009

PRE-CONSTRUCTION:

Met contractor + builder on site. SDA not staked. Spoke w/ Engineer (SIL) on phone w/ builder company stake-out. He explained R. Parker requested the "cut" sheet. No need for cut sheet, have contractor remove fill from area. Moved tank locations away from house only 15'. No pipe line easement staked. Builder + contractor aware.

INSTALLATION: 11/04/2009 TANK AND PUMP TANK SET. TIED INTO HOUSE w/ SHC AND SEWER LINE. 11/05/2009 D BOX SET; FORCE MAINS INSTALLED w/ PUMP AND TANK BAFFLES. PUMP TANK HAS CRACK; TO BE REPLACED.

11/07/2009 CONFIRMED PUMP TANK SWAP. VISUAL, NEW DATE RECORDED. TRENCH CONSTRUCTION COMPLETED. OK TO BACKFILL. NEEDS P/A.

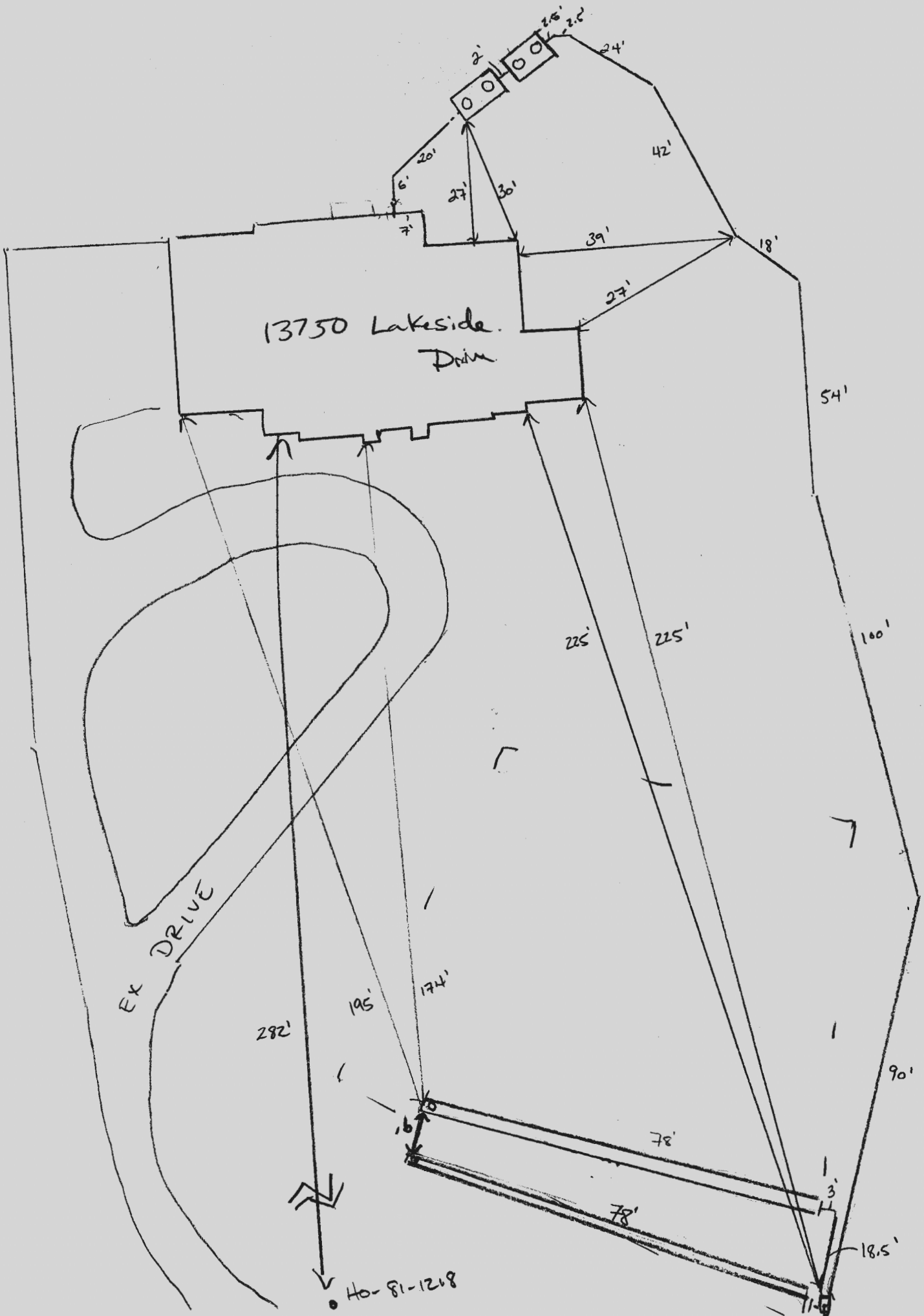
12/19/09 Pump and alarm wired + working. Alarm located inside basement. ST

FINAL INSPECTOR

Alex Thomas

DATE OF APPROVAL

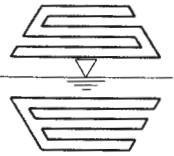
12/19/09



13750 Lakeside Drive

EX DRIVE

Ho-81-1218



11130 Dovedale Court, Suite 200  
Marriottsville, MD 21104  
Website: www.sillengineering.com

Office: 443-325-5076  
Fax: 410-696-2022  
Email: info@sillengineering.com

Civil Engineering for Land Development

SILL ENGINEERING GROUP, LLC

# Brighton Pines

## Lot 9

### 13750 Lakeside Drive

**OSDS Plan  
Report**  
**13750 Lakeside Drive  
Clarksville, MD 21029**

*Approved Septic System Plan  
Howard County Health Department  
Pump-to-Gravity System  
4/15/2019  
Date*

*Signature  
B19000723*

November 21, 2018  
Revised: February 14, 2019  
Revised: March 8, 2019  
Revised: April 4, 2019

Prepared For:

**Craftmark Homes**  
1355 Beverly Road, Suite 330  
McLean, Virginia 22101



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. 32025,  
Expiration Date: June 20, 2019

Project #18-047

## Pressure Network Design

- Design Flow: 750 gpd
- Diameter of force main = 2.0"
- Material: Schedule 40 PVC

## Septic System Trench Design Specifications

### Initial System:

- Design Flow:
  - 5 Bedrooms at 150 gpd
  - $5 \times 150 \text{ gpd} = 750 \text{ gpd}$
- Square Footage of Drain Field Required:
  - Design Flow (750 gpd) / Application Rate (0.8) = 937.50 sf
- Application Rate: 0.8
  - Effective Area Beginning Depth: 3'
  - Bottom Maximum Depth: 6.0'
- Sidewall Reduction Credit:
  - Trench Width (W) = 3'
  - Trench Effective Depth (D) = 3'
  - $(W+2) / (W+1+2D) \times 100 = 50\%$
- Linear Length of Trench Required:
  - $$\frac{\text{Drain Field Square Footage (937.5)} \times \text{Sidewall Reduction Credit (0.55)}}{\text{Trench Width (3')}}$$
$$\text{Liner Length of Trench Required} = 156.25'$$
- Linear Length of Trench Provided = 156.5'
  - Two trench at 78.25'

## Pumping System Design

- Dose Calculations:
  - Design Flow: 750 gpd
  - 1/6<sup>th</sup> the design flow:
  - $1/6 \times 600 \text{ gallons} = 125.0 \text{ gallons}$
  - Minimum Dose = 125 gallons
- Pump Design:
  - Pump flow required: 32 gpm (see Pressure Distribution table for initial system)
  - Dose amount: 125 gallons
  - Pump run time: 3.9 minutes
  - Static head (see profile for detail): **15.19'**

- Friction head calculation (Table 4.3):

Pipe	2" Force Main
1/4 Bend (90°)	1 @ 8' = 8'
1/8 Bend (45°)	4 @ 4' = 16'
1/16 Bend (22.5°)	1 @ 2' = 2'
1/32 Bend (11.25°)	6 @ 1.5' = 9'
Gate Valve	-
Standard Tee	-
Run Tee	-
Cross	-
Reducer	-
Couplings	16 @ 2' = 32'
Quick Connect/Disconnect	1 @ 4.5' = 4.5'
Total Equivalent Length of pipe	71.5'

- Flow at 2.0" pipe = 32 gpm

- Friction loss per 100' (Table 4.4) of 2.0" schedule 40 plastic pipe: 1.74

- Total equivalent length of 2.0" FM and appurtenances =

$$390.21' + 71.5' = 443.43/100 = 4.62 * 1.74 = 8.03'$$

- Total Dynamic Head = Static head + Friction head =

$$15 + 19 + 8.03' = 23.23 \text{ use } 23'$$

- Pump Chamber Design:

- For pump tank dimensions and detail, see plans.

- Pump chamber elevations:

Proposed grade at top of tank (at inlet): 416.50'

Top of pump tank (interior): 414.88'

Pump chamber invert in: 414.38'

High Water Alarm: 412.80'

Pump On: 412.30'

Pump Off: 412.01'

Bottom inside slab of tank: 410.46'

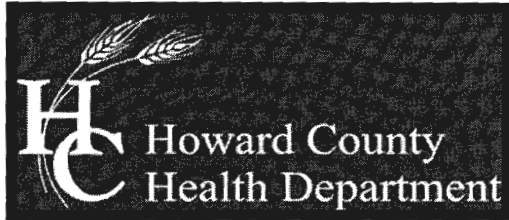
- Pump Chamber volumes:

Invert In to High Water Alarm: 91 cf or 681 gallons

Pump On to Pump Off: 16.71 cf or 125.0 gallons

- Design based on:

- Myers ME45 series pump or equivalent



Bureau of Environmental Health

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Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

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

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: \_\_\_\_\_

Subdivision: Brighton Pines Lot: 9

Table with 4 columns: System, Application rate, Effective area beginning depth, Bottom maximum depth. Rows include Initial system, 1st Replacement, and 2nd Replacement with handwritten values.

Design Flow = 150 gallons per day per bedroom
Design flow ÷ application rate = square footage of drainfield required
Linear length of trench required = drainfield square footage x sidewall reduction percentage ÷ trench width

Sidewall reduction credit formula:

(W + 2) / (W + 1 + 2D) x 100 = Percent of length of standard trench where W=trench width and D= depth between effective area beginning depth and trench bottom.

Standard design requirements:

- Trenches must be located to provide room for 3 systems in the disposal area
All trenches must be equal length unless low pressure dosed
All trenches must be on contour
Tank and trenches must be placed as shallow as possible while maintaining 2% fall in pipe from house and at least 18" cover over trenches. If 2% fall from house is not possible, the minimum allowable fall is 1%.
Minimum trench spacing: 10' for all trenches utilizing sidewall reduction credit. Additional spacing may be necessary for any trench using over 3.5' of effective sidewall. In those cases, the spacing formula is 2D + W up to a maximum spacing of 18'.
Minimum trench spacing for trenches with no sidewall credit (bottom area only) is 6' for a 2' wide trench and 9' for a 3' wide trench (spacing is measured edge to edge)
Maximum trench length is 100'
Maximum pipe depth is 4'

Additional requirements:

- keep trenches from center of suale

Approved: [Signature] Date: 6/18/18



## Bricker, Robert

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**From:** Bricker, Robert  
**Sent:** Friday, August 07, 2015 4:23 PM  
**To:** 'roshannj@aol.com'  
**Subject:** Brighton Pines Lot 9\_field review  
**Attachments:** Brighton Pines Section 1 Lot 9.pdf

Najib,  
I conducted a field review on Wednesday (Aug. 5) at Brighton Pines, (Section 1, Area 1) Lot 9. The vegetation there being tall and dense, covered the ground so that I could not see the surface very well. However, I could observe that there is a rather abrupt change in the landscape near the southeast corner of the SDA you propose. This same feature also affects the original SDA, but to a much lesser extent.

I believe that the feature is 'fill' deposited in a narrow finger-ridge formation. I have sketched an approximation of the feature on the attached graphic. As it is, the ridgelike feature renders the area useless for septic system distribution trenches. I think if the feature were graded to approximate original contour, or to an elevation fitting with the surrounding relatively undisturbed areas, that a determination concerning the suitability and eventual approval of the area in question is possible.

ROBERT BRICKER, REHS/R.S., L.E.H.S.  
ENVIRONMENTAL SANITARIAN II  
BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
8930 STANFORD BLVD., COLUMBIA, MD 21045

Phone: Desk, 410-313-2691; Program, 4120-313-1771; Bureau, 410-313-1774  
Fax: 410-313-2648

E-mail: [rbricker@howardcountymd.gov](mailto:rbricker@howardcountymd.gov)

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

A 33497

DISTRICT 5th

DATE \_\_\_\_\_

DATE SYSTEM APPROVED \_\_\_\_\_

INSPECTOR \_\_\_\_\_

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXX-9933~~ 410-313-2640

IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

SUBDIVISION Brighton Pines, Sec. 2 LOT 9 ROAD 19750 Lakeside Drive

PROPERTY OWNER Nantucket Island Homes, Inc.

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

#### PUMPED SEPTIC SYSTEM

INSTALL: 1-1000 Gal. Pump Chamber with Single/Dual Effluent pumps, control, alarm.

Manhole a.o. required on pump chamber

CONTRACTOR: To supply pump detail prior to issuance of septic permit.

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 4 1/2 feet below original grade. Effective area begins at 4 feet below original grade. 1 1/2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 125 feet off the front lot line and 120 feet off the right lot line as seen when facing the lot from Lakeside Drive. Run trenches on contour towards the right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 2/4/98 DS

PLANS APPROVED BY Donna K. Soe DATE 02/02/98

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

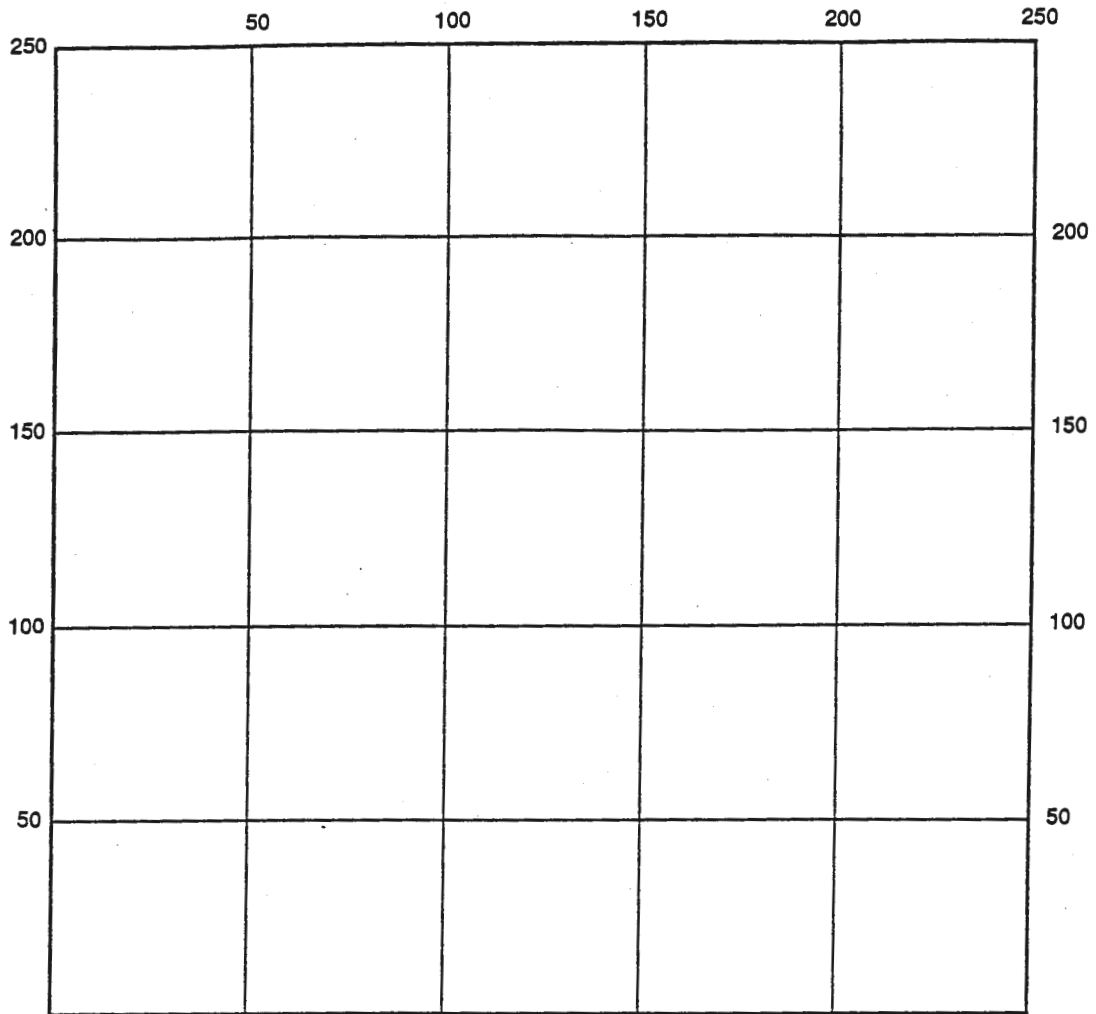
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

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**



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL \_\_\_\_\_ CLEANOUTS \_\_\_\_\_

DISTRIBUTION BOX LEVEL \_\_\_\_\_

DRAIN FIELD/TITLE DEPTH \_\_\_\_\_ FT. TRENCH WIDTH \_\_\_\_\_ FT. INLET DEPTH \_\_\_\_\_ FT.

EFFECTIVE GRAVEL DEPTH \_\_\_\_\_ FT. TOTAL LENGTH \_\_\_\_\_ FT.

NUMBER OF TRENCHES \_\_\_\_\_ ONE SIDEWALL/BOTTOM AREA \_\_\_\_\_ SQ. FT.

DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

DATE SYSTEM APPROVED \_\_\_\_\_ INSPECTOR \_\_\_\_\_





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## HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*

February 2, 1998

### MEMORANDUM

TO: Nuntucket Island Homes, Inc.  
8835-P Columbia 100 Parkway  
Columbia, Md 21045

RE: BP# B00109709  
13750 Lakeside Drive

FROM: Donna K. Soe, R.S.  
Water and Sewerage Program

This is to advise that the Health Department has recently recommended approval of the above referenced building permit application. Please be aware of the following conditions related to future permit processes:

#### SEPTIC ISSUES:

1. A copy of the certified location drawing (i.e., wall check) shall be submitted to this office to allow sufficient review time prior to septic permit issuance.
2. Corners of the approved septic area should be staked by a licensed surveyor/engineer prior to system installation.
3. No grading shall be performed over any portion of the approved septic easement, unless specifically approved by the Health Department.

#### WELL WATER ISSUES:

1. Final driveway location should be at least 15 feet from the existing well.
2. Notification of the well pump and well line connection information must be forwarded to this office by the installer (licensed plumber/well driller) prior to any approval request regarding the well water supply.
3. Prior to application for Use and Occupancy permit, the well water supply should be sampled by a private state certified laboratory for water testing and tested for at least the following parameters:
  - pH, chlorine, nitrates, coliform/fecal coliform bacteria, sand and turbidity
4. A licensed installer should submit "Notification of Water Treatment Device Installation" (if applicable).
5. OTHER: \_\_\_\_\_

cc: File

APPLICATION

HOWARD COUNTY

# PERMIT APPLICATION

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT  
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

SERIAL NUMBER

300109709

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)  
**13750 Lakeside Drive**  
**Dayton, MD 21036 CLARKSVILLE, MD 21029**

GRADING/SEDIMENT CONTROL  YES  NO SDP #

DESCRIPTION OF WORK AUTHORIZED  
**Scott Residence - finished basement w/ rec. room, media room, full bath. 10 rooms 3 bedrooms, music room, fireplace in family room, 2 car garage, Deck off MASTER BEDROOM**

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
9	396	1	1	7		

SUB DIVISION	ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.
Brighton Pines	RR-1	34	5th	105101

OWNER NAME AND ADDRESS  
**Nantucket Island Homes, Inc.**  
**8835-P Columbia 100 Parkway**  
**Columbia, MD 21045**

PHONE NO.  
**410-730-0810**

OCCUPANT'S NAME AND ADDRESS  
**n/a**

ARCHITECT OR ENGINEER'S NAME AND ADDRESS  
**Clark, Finefrock & Sackett**  
**7135 Minstrel Way**  
**Columbia, MD 21045**

PHONE NO.  
**410-381-7500**

CONTRACTOR'S NAME AND ADDRESS  
**Owner**

PHONE NO.

EXISTING USE	PROPOSED USE
vacant lot	single family home

EST. CONSTRUCTION COST	LICENSE NUMBER	PERMIT FEE
\$300,000		

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT
1	54	37	10
2	54	37	10
B	54	37	10

TYPE OF BLDG.	AREA	VOLUME	ROOF
B. ROOMS			
ROOMS			
BATHS			
FIREPLACES			

FOOTINGS	FOUNDATION	S. WALLS
16 x 8	8" conc.	framed

UTILITIES					
WATER/WELL	SEWER/SEPTIC	GAS	ELECTRICITY	TYPE OF HEAT	AC
well	septic	X	X	gas	X

I have carefully examined and read this application and know the same is true and correct, and that is doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in the application; and that no work will be covered up until such inspections have been complied with.

*Green & Associates*  
SIGNATURE \_\_\_\_\_ DATE **1/29/98**

### FOR OFFICE USE ONLY

DISTANCE IN FEET FROM R/W LINE TO FRONT BUILDING LINE \_\_\_\_\_

SIDE YARD (DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE) \_\_\_\_\_

TO SIDE BUILDING LINE \_\_\_\_\_

DISTANCE IN FEET, REAR YD. REQUIRING SET \_\_\_\_\_

BACK \_\_\_\_\_ (CORNER LOT ONLY)

SDP # \_\_\_\_\_

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING	X	
SHA	X	
SEDIMENT/GRADING	X	
BUILDING OFFICIAL	X	
WATER & SEWER		
HEALTH DEPT.	X 2/2/98	<i>Donald S...</i>
FIRE PROTECTION		
STORM WATER MGMT	X	

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

**CAUTION**

To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.

Use and occupancy permit must be applied for two weeks before it will be issued.

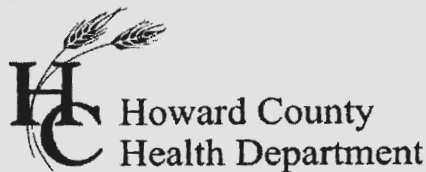
IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

LP-69-591 1334

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_

Distribution of Copies:  
White - Building Official  
Green - Planning & Zoning

Yellow - Engineering  
Pink - Health Dept.  
Gold - S.H.A.



Bureau of Environmental Health

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

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P 506404

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A

PROPERTY ADDRESS: 13750 LAKESIDE DRIVE, CLARKSVILLE, MD 21029

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CONTRACTOR: Levelled Top EMAIL:

CONTRACTOR ADDRESS: P.O. Box 100, Lisbon, MD, 21765 PHONE: 443-677-0627

PROPERTY OWNER: NVR, INC. EMAIL: ccagle@nvrinc.com

OWNER ADDRESS: 9720 PATUXENT WOODS DRIVE, COLUMBIA, MD 21046 PHONE: (410)379-5956

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PUMP MODEL: Meyers ME45 PUMP SIZE 0.4 hp PUMP TANK CAPACITY: 1500

DISTRIBUTION SYSTEM: [ ] GRAVITY [ ] PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE: 0.8/1.2

Table with 2 columns: Field Name (TRENCHES, LOCATION, NOTES) and Field Value (Linear feet required, trench width, etc.)

ISSUED BY: R BRICKER ISSUE DATE: 10/10/19 EXPIRATION DATE: 10/10/20

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
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NOT TO SCALE

**TRENCH/DRAINFIELD DATA**  
WIDTH          INLET          BOTTOM

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

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL \_\_\_\_\_  
MANUFACTURER \_\_\_\_\_  
CAPACITY \_\_\_\_\_ GAL  
SEAM LOC \_\_\_\_\_  
TANK LID DEPTH \_\_\_\_\_  
BAFFLES \_\_\_\_\_  
BAFFLE FILTER \_\_\_\_\_  
MANHOLE LOC \_\_\_\_\_  
6" PORT LOC \_\_\_\_\_  
WATERTIGHT TEST \_\_\_\_\_  
SLOTTED \_\_\_\_\_  
DATE ON LID \_\_\_\_\_

**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 \_\_\_\_\_

*ROAD NAME*

PRE-CONSTRUCTION:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

INSTALLATION:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

FINAL INSPECTOR \_\_\_\_\_, DATE OF APPROVAL \_\_\_\_\_

Refund