

Bureau of Environmental Health
 8930 Stanford Blvd. Columbia, MD 21045
 (410) 313-2640 Fax (410) 313-2648
 TDD (410) 313-2323 Toll Free 1-866-313-6300
 website: www.hchealth.org

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

RECEIPT DATE: _____ **ONSITE SEWAGE DISPOSAL SYSTEM** P 554506

INSTALLATION APPROVAL DATE: 3-19-2015 KMW **PERMIT**
COMMERCIAL A _____

PROPERTY ADDRESS: 6238 Heather Glen Way
 SUBDIVISION: Preserve at Clarksville LOT: 6 TAX ID: _____
 CONTRACTOR: Dale Thompson EMAIL: dalethompson@gmail.com
 CONTRACTOR ADDRESS: 6238 Heather Glen Way PHONE: 443-250-5734
 PROPERTY OWNER: Compass Homes EMAIL: _____
 OWNER ADDRESS: _____ PHONE: _____

BAT UNIT MODEL: Ecopod _N Treatment System - 75 BAT UNIT SIZE: _____
 PUMP CHAMBER CAPACITY (GALLONS): _____ PUMP SIZE: _____
 FLOW RATE (GALLONS PER DAY): _____ APPLICATION RATE: 0.8
 DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

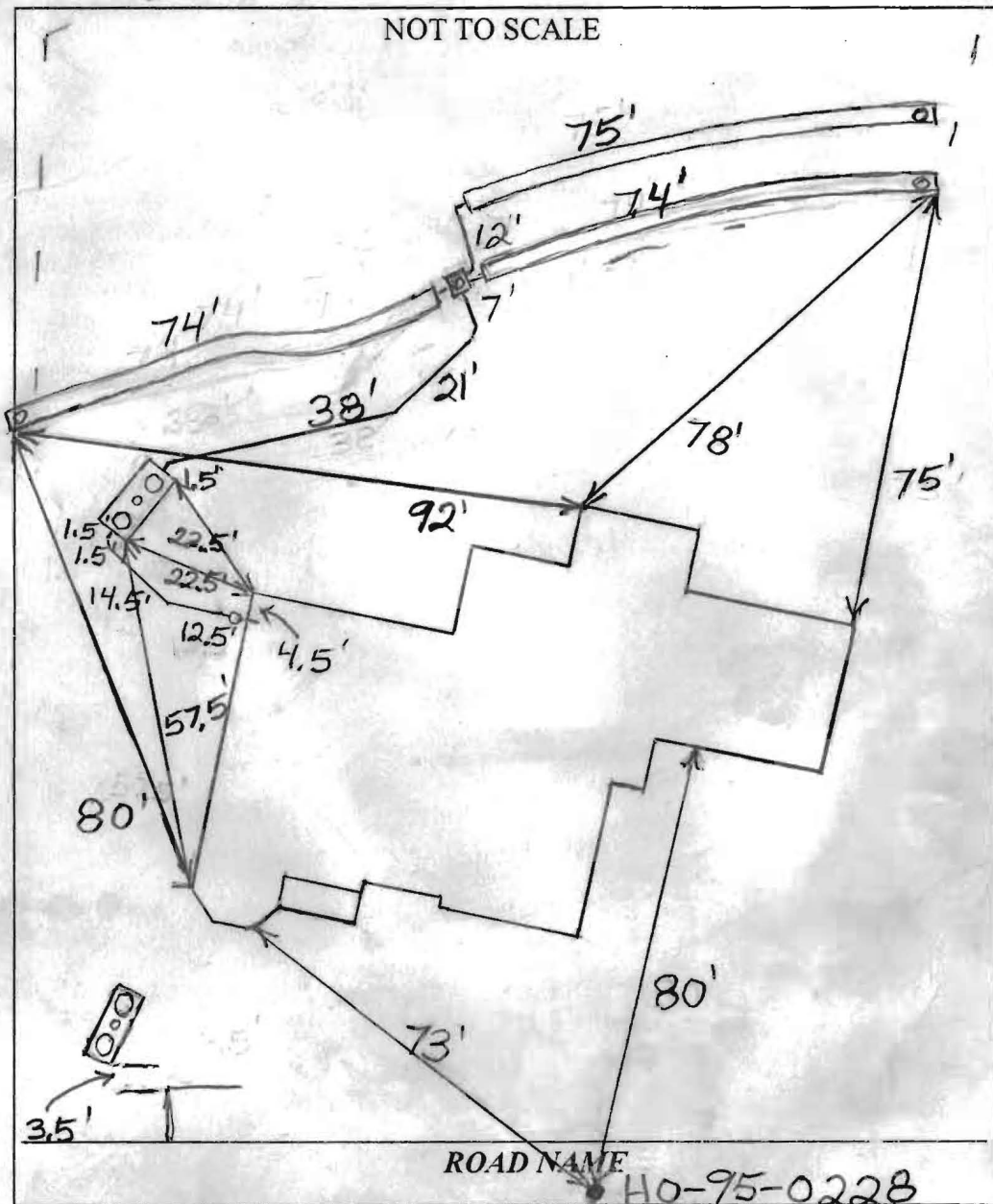
TRENCHES:	LINEAR FEET REQUIRED: <u>222 222'</u>	INLET DEPTH: <u>3 4'</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>7</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5 ±</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	<u>3 x 74' Trenches</u>	

ISSUED BY: Dana Bernard ISSUE DATE: _____ EXPIRATION DATE: _____

- 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

**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



TRENCH/DRAINFIELD DATA

WIDTH INLET BOTTOM

3' 3.5'-4' 7'

NUMBER OF TRENCHES 3

TOTAL LENGTH 223'

ABSORPTION AREA 669 + Sidewall

DISTRIBUTION BOX LEVEL Levelers

DISTRIBUTION BOX BAFFLE Yes

DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATA

SEPTIC TANK I LEVEL Yes

MANUFACTURER Ecopod

CAPACITY 2000 GAL

SEAM LOC Top

TANK LID DEPTH 0.5'-2'

BAFFLES Front

BAFFLE FILTER No

MANHOLE LOC Front + Rear

6" PORT LOC Middle

WATERTIGHT TEST No

SLOTTED N/A

DATE ON LID Dry

RUMP/SEPTIC TANK LEVEL N/A

MANUFACTURER

CAPACITY GAL

SEAM LOC

TANK LID DEPTH

BAFFLES

BAFFLE FILTER

MANHOLE LOC

6" PORT LOC

WATERTIGHT TEST

SLOTTED

DATE ON LID

PRE-CONSTRUCTION:

7/8/2014 Set tank near where shown on plan. Put the dist. box at the top middle of the easement. Install three 74' trenches in both directions. (BB)

INSTALLATION:

7/9/2014 (AM) Tank truck late. (BB) 7/9/2014 (PM) Tank set. House connection made. (BB) 7/10/2014 Southern trench almost finished. Dist. box set. (BB) 7/11/2013 System finished except for approval letter from Ecopod representative. (BB)

FINAL INSPECTOR

J. Wolf

DATE OF APPROVAL

3/19/15

P/O NON BUILDABLE
PRESERVATION PARCEL B

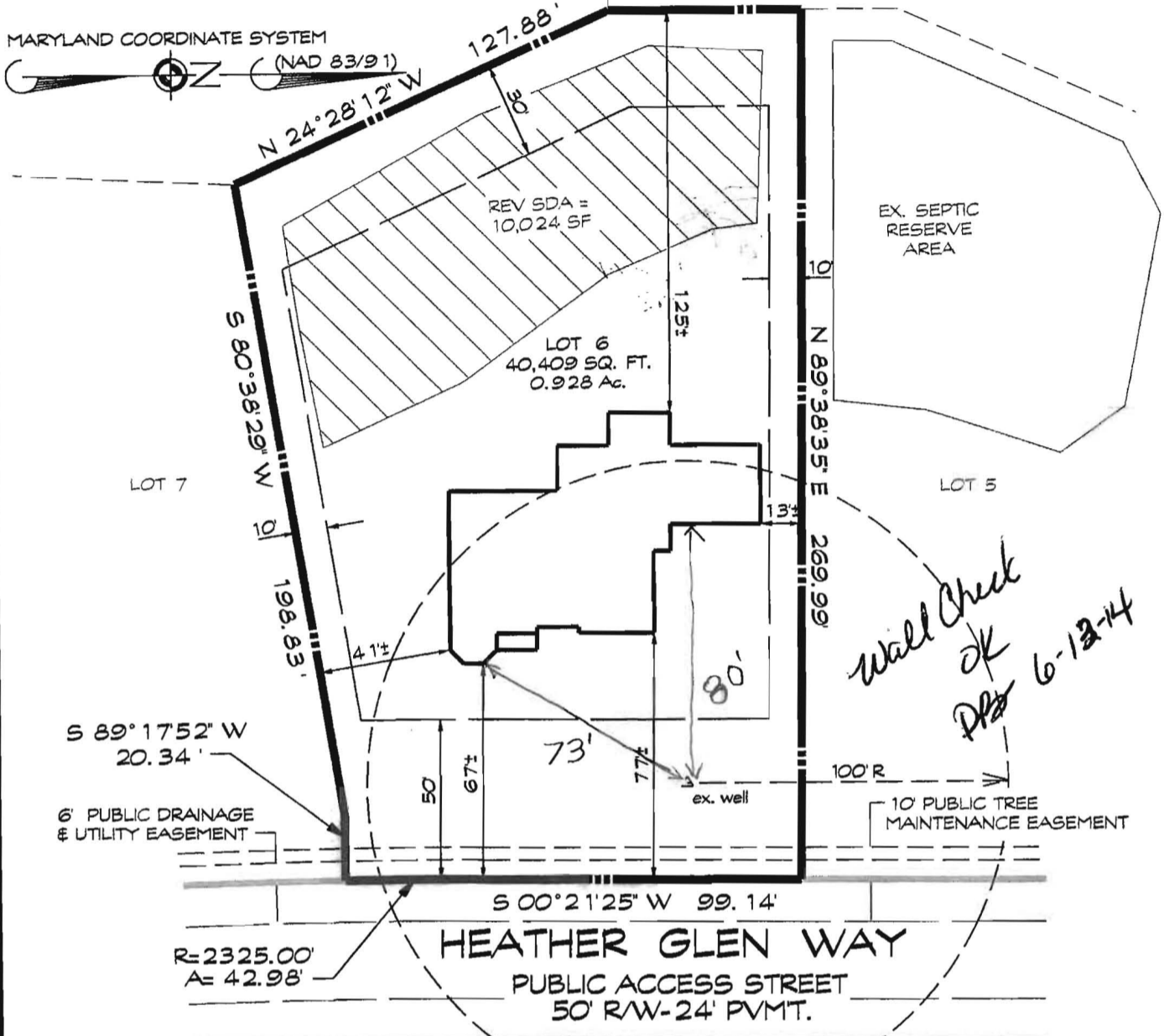
PRIVATELY OWNED
HOWARD COUNTY EASEMENT HOLDER
HOMEOWNERS ASSOCIATION EASEMENT HOLDER
10.41 Ac.

NON-BUILDABLE
PRESERVATION PARCEL E

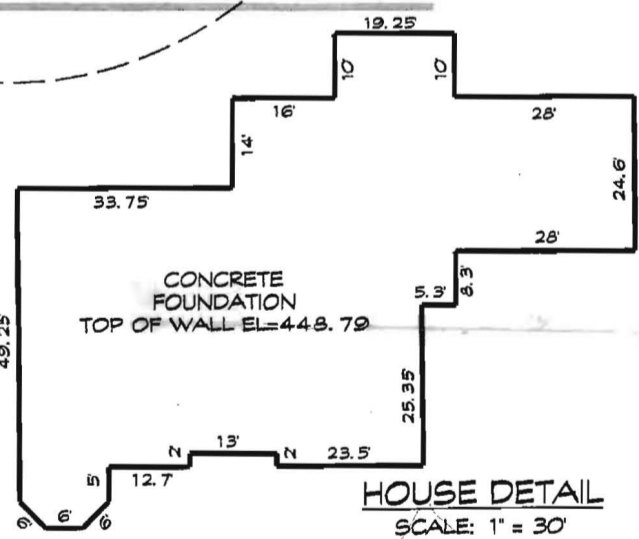
DEDICATED TO HOMEOWNERS ASSOCIATION
PRESERVATION EASEMENT
PUBLIC STORMWATER MANAGEMENT EASEMENT
HOWARD COUNTY EASEMENT HOLDER
2.17 Ac.

N 00°00'00" E
60.00'

MARYLAND COORDINATE SYSTEM



PLAN
SCALE: 1" = 50'



FOUNDATION CERTIFICATION
LOT 6
THE PRESERVE AT CLARKSVILLE
HEATHER GLEN WAY

5th ELECTION DISTRICT • HOWARD COUNTY, MARYLAND
RECORDED IN PLAT 19216

I hereby certify that I have surveyed the property shown hereon for the sole purpose of locating the improvements. This plan is a benefit to the customer only in so far as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or refinancing. It is not to be relied upon for the establishment of boundary, easement or right-of-way lines for any reason, such as the location of fences, garages, buildings, or other existing or future improvements. Offsets of buildings to property lines are to the nearest foot (1') unless otherwise noted.

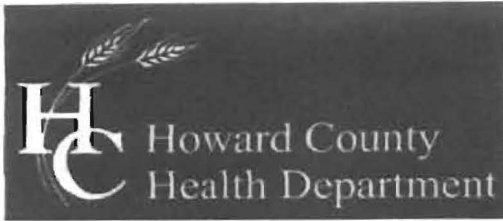
By: *Dennis E. Meckley* Date: *11/21/13*
Dennis E. Meckley Property Line Surveyor No. 10844
License expires March 29, 2014

A licensed Maryland Surveyor either personally prepared this Location Drawing, or was in responsible charge over its preparation and the surveying work reflected in it, in compliance with the Maryland Minimum Standards of Practice for Land Surveyors. (COMAR 09-13-06.06 AND .12)



439 East Main Street Westminster, MD 21157-5539
(410) 848-1790 FAX (410) 848-1791

DRAWN BY:	KMB
DESIGN BY:	
REVIEW BY:	DEM
DATE:	11-20-13
SCALE:	1" = 50'
JOB NO:	2007035
SHEET:	1 OF 1



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
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
Twitter: HowardCoHealthDep

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

**OPERATION AND MAINTENANCE AGREEMENT
FOR AN ON-SITE SEWAGE DISPOSAL SYSTEM
HAVING AN ADVANCED PRE-TREATMENT SYSTEM**

THIS AGREEMENT is made this 12th day of May 2014 among Philippe Phung & Caroline Pham, hereinafter collectively referred to as "Owner", and the Howard County Health Department hereinafter referred to as the "County".

WHEREAS, Owner is the owner or contract owner of a parcel of land located at 6238 Heather Glen Way, Clarksville, MD, 21024 in the 21024 Election District of Howard County, Maryland, and the deed to same is recorded or shall be recorded among the Land Records of Howard County, Maryland in Liber 14830 Folio 00464

WHEREAS, The Lot is suitable for the installation of a conventional on-site sewage disposal system with an advanced pre-treatment system, utilizing best available technology to perform nitrogen reduction, in accordance with the Code of Maryland Regulations 26.04.02.07, effective January 1, 2013.

NOW, THEREFORE, the parties hereto agree as follows:

- A. Owner hereby grants to the County the right to enter upon the Lot at any reasonable time for access to the system to make periodic inspections and the Owner agrees to provide any information and data in Owner's possession reasonably requested and needed by the County to develop accurate and thorough test results.
- B. Owner acknowledges and agrees that neither the County nor any of its agents or employees, either officially or individually, underwrites the operation of any system approved by them.
- C. The Owner will devote reasonable care and effort to the operation and maintenance of the system in perpetuity or until a public sewer connection is made so that a system malfunction is not the result of poor maintenance, faulty operation, or neglect.
- D. The Owner agrees to enter into a contract reasonably acceptable to the Owner and the County with a private entity to operate and maintain on a regularly scheduled basis an approved advanced pre-treatment system. The owner shall supply a copy of the contract to the County when it is renewed or altered.
- E. This agreement shall run with the land and upon Owner's taking title to the Lot shall bind the Owner, their heirs, successors, and assigns to the provisions of the agreement as

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long as the property is in existence and after installation of the system. Owner further agrees that they shall inform in writing any subsequent purchaser or lessee of the Lot that the system shall require maintenance or other attention. Upon taking title to the Lot, the Owner agrees to cause this agreement to be recorded in the Land Records of Howard County and assure that it becomes part of the Deed for the subject property in order that prospective buyers may be aware of the special conditions affecting this property.

F. This agreement shall not be construed to limit any authority of the County to protect the public health, safety or comfort or to issue any other orders to take any other action which is now or may hereafter be within its authority.

G. This agreement may be voided at any time at the discretion of the County.

H. This agreement contains the entire agreement and understanding between the County and the Owner. There are no additional terms other than as contained in this agreement. This agreement may not be modified, except in writing signed by each of the parties or by their authorized representatives.

I. The laws of the State of Maryland govern the provisions of all transactions pursuant to this agreement.

J. Owner acknowledges and agrees that interior renovations to increase the number of bedrooms or an increase in living space shall not be permitted without approval from the County.

IN WITNESS WHEREOF, the parties have signed and sealed this agreement on the date indicated above.

Caroline Pham 5/12/2014
Owner Caroline Pham Date

Phillippe Phung 5/12/2014
Owner Phillippe Phung Date

Bert Nieren 5/13/14
Howard County Health Department

LR - Recording Fee (No Taxes) 20.00
Grantor/Grantee Name: Phung/Pham
Reference/Control #: 126
LR - Surcharge 40.00
SubTotal: 60.00
Total: 60.00
#278229-1
05/13/2014 10:02
#278229 000503 - CC12-05
Howard Co
Column:a/CC05.03.05 -
Register 05.497

e3 Environmental LLC

302-725-0788 www.e3onsite.com

ECOPOD-N Completion Statement

Installation Information

Owners Name		# of Bedrooms / GPD	750
Street	6238 Heather Glen Way	Repair	<input type="checkbox"/>
City	Clarksville	New Construction	<input checked="" type="checkbox"/>
State	MD		
Zip	21029		

Installation Company

Company	Compass Homes Builders	Installed Date	1/1
Certified Installer	Dale Thompson	Startup Date	12/23/14
Street	Po Box 299		
City	Severna Park		
State	MD		
Zip			

ECOPOD-N

Model #	Serial #
E50 <input type="checkbox"/>	
E60 <input type="checkbox"/>	
E75 <input checked="" type="checkbox"/>	E75N 02151CA
E100 <input type="checkbox"/>	
E150 <input type="checkbox"/>	

Blower Voltage	Good
Blower Running Amps	Good
Inches of water over media with blower turned off	2 inch
Vent Installed	yes
Tanks and Risers Water tight	yes
Alarm Functional	yes

I hereby certify that the ECOPOD-N wastewater treatment system has been installed and started up in accordance with the construction permit and is in compliance with the manufacturers recommendations

Company Babylon Vault Co
Signature Steven R Koontz
Printed Name Steven R Koontz

Date 12/23/14

Bernard, Dana

From: Bernard, Dana
Sent: Thursday, September 12, 2013 9:02 AM
To: 'amy Ferrer'
Subject: RE: BP# 13002645

We have information on our web site at www.hchealth.org .

From: aferrer21@gmail.com [mailto:aferrer21@gmail.com] **On Behalf Of** amy Ferrer
Sent: Thursday, September 12, 2013 8:57 AM
To: Bernard, Dana
Subject: Re: BP# 13002645

Dana:

Good Morning! Can you clarify what a BAT plan is exactly? I'll do some research on my side to see if I have record of exactly what we need to revise. Greatly appreciate your help on this matter.

On Thu, Sep 12, 2013 at 8:40 AM, Bernard, Dana <dbernard@howardcountymd.gov> wrote:

Good Morning Amy,

I spoke with you on the phone July 29th , 2013 regarding the BAT plan needed to process this building permit. And I have not heard anything or seen any plans in my office since our conversation. In order to move forward with this permit , I will need a BAT plan submitted.

If you have any additional questions please don't hesitate to give me a call. However, we will be moving today and tomorrow to our new location, so communication may be very, very slow for a few days. We will be back up and running by Tuesday.

Have a great weekend!!!

Dana Bernard

Bernard, Dana

From: Bernard, Dana
Sent: Thursday, September 12, 2013 8:41 AM
To: 'amy Ferrer'
Cc: 'cphammd@hotmail.com'
Subject: RE: BP# 13002645

Good Morning Amy,

I spoke with you on the phone July 29th, 2013 regarding the BAT plan needed to process this building permit. And I have not heard anything or seen any plans in my office since our conversation. In order to move forward with this permit, I will need a BAT plan submitted. If you have any additional questions please don't hesitate to give me a call. However, we will be moving today and tomorrow to our new location, so communication may be very, very slow for a few days. We will be back up and running by Tuesday.

Have a great weekend!!!
Dana Bernard

From: aferrer21@gmail.com [mailto:aferrer21@gmail.com] **On Behalf Of** amy Ferrer
Sent: Wednesday, September 11, 2013 3:46 PM
To: Scott, Heidi; Bernard, Dana
Subject: BP# 13002645

Ms. Bernard:

Good Afternoon! I just received a phone call from our homeowner of the above referenced building permit and she said you advised her we needed to make some adjustments regarding the well. I have not seen any letters or documentation come over regarding this, can you please fill me in on what we need to do in order to move this building permit along?

The address of this lot is 6238 Heather Glen Way, Clarksville, Md 21029. Greatly appreciate your assistance on this matter.

--
Warm Regards,

Amy Ferrer
Compass Homes, LLC
410-531-1223

From: aferrer21@gmail.com [mailto:aferrer21@gmail.com] **On Behalf Of** amy Ferrer
Sent: Wednesday, September 11, 2013 3:46 PM
To: Scott, Heidi; Bernard, Dana
Subject: BP# 13002645

Ms. Bernard:

Good Afternoon! I just received a phone call from our homeowner of the above referenced building permit and she said you advised her we needed to make some adjustments regarding the well. I have not seen any letters or documentation come over regarding this, can you please fill me in on what we need to do in order to move this building permit along?

The address of this lot is 6238 Heather Glen Way, Clarksville, Md 21029. Greatly appreciate your assistance on this matter.

--
Warm Regards,

Amy Ferrer
Compass Homes, LLC

410-531-1223

--
Warm Regards,

Bernard, Dana

From: Bernard, Dana
Sent: Tuesday, September 24, 2013 5:17 PM
To: 'amy Ferrer'
Cc: 'Caroline Pham'
Subject: RE: BP# 13002645
Attachments: bat_plan_req_12-6-21121 (2).pdf

Amy,

Please send me the number of the engineer working on the plan and I will correspond with him. I have sent you all the information we have concerning the BAT plan and the submission process. At this point I will have to speak to the engineer and not the sales person. The home owner has called me several times since our correspondence started on July 29, 2013 and I would like to get this project moving. I will once again attach all the instructions needed to complete the BAT site plan.

Thank You
And Have a Great Day!!

From: aferrer21@gmail.com [mailto:aferrer21@gmail.com] **On Behalf Of** amy Ferrer
Sent: Tuesday, September 24, 2013 2:49 PM
To: Bernard, Dana
Subject: BP# 13002645

Ms. Bernard:

Good Afternoon! We are wrapping up the BAT details for the above referenced permit, however, this is our first submission. Would it be possible to have a sit down meeting with you and discuss a few questions? Please let me know when we could have a meeting. Thank you for your assistance on this matter.

--
Warm Regards,

Amy Ferrer
Compass Homes, LLC