



# Building Permit Application

Howard County, Maryland  
Department of Inspections, Licenses and Permits  
3430 Court House Drive  
Permits: 410-313-2455  
www.howardcountymd.gov

Date Received: 4/19/16

Permit No.: B16001561

Building Address: 11813 Collier Ct  
 City: FULTON State: MD Zip Code: 21044  
 Suite/Apt. #: \_\_\_\_\_ SDP/WP/BA #: 15-8553  
 Census Tract: \_\_\_\_\_ Subdivision: Fulton Manor  
 Section: 41 Area: 2 Lot: 7  
 Tax Map: 41 Parcel: 78 Grid: \_\_\_\_\_  
 Zoning: RDDED Map Coordinates: \_\_\_\_\_ Lot Size: 1 Acre

Existing Use: FARM LAND  
 Proposed Use: Single Family  
 Estimated Construction Cost: \$ 400,000  
 Description of Work: Construct Residential  
110611 Family Home

Occupant or Tenant: \_\_\_\_\_  
 Was tenant space previously occupied?  Yes  No  
 Contact Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

Property Owner's Name: Collier LLC  
 Address: 3309 DORSETT HALL DR  
 City: ELICOTT State: MD Zip Code: 21042  
 Phone: 410-660-4300 Fax: \_\_\_\_\_  
 Email: WIMMER@DOUGLAS-HOPKINS.COM

Applicant's Name & Mailing Address, (if other than stated herein)  
 Applicant's Name: CHARLES WIMMER  
 Address: 3034 DORSETT HALL DR  
 City: ELICOTT State: MD Zip Code: 21042  
 Phone: 410-660-7200 Fax: \_\_\_\_\_  
 Email: WIMMER@DOUGLAS-HOPKINS.COM

Contractor Company: DOUGLAS HOMES  
 Contact Person: CHARLES WIMMER  
 Address: 3034 DORSETT HALL DR  
 City: ELICOTT State: MD Zip Code: 21042  
 License No.: 1346557 MHR 327  
 Phone: 410-660-7200 Fax: \_\_\_\_\_  
 Email: WIMMER@DOUGLAS-HOPKINS.COM

Engineer/Architect Company: KVO ENGINEERS  
 Responsible Design Prof.: \_\_\_\_\_  
 Address: MAN ST  
 City: ELICOTT State: MD Zip Code: 21042  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: KVOENGINEERS.COM

Commercial Building Characteristics	Residential Building Characteristics	
Height: <u>20 FT</u>	<input type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	
No. of stories: <u>2</u>	Depth: _____ Width: _____	
Gross area, sq. ft./floor: <u>2300</u>	1 <sup>st</sup> floor: <u>42</u> <u>60</u>	
	2 <sup>nd</sup> floor: _____	
Area of construction (sq. ft.): <u>4600</u>	Basement: <input type="checkbox"/> Finished Basement	
Use group: _____	<input type="checkbox"/> Unfinished Basement	
	<input type="checkbox"/> Crawl Space	
<b>Construction type:</b>	<input type="checkbox"/> Slab on Grade <u>2</u>	
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms: _____	
<input type="checkbox"/> Structural Steel	<b>Multi-family Dwelling</b>	
<input type="checkbox"/> Masonry	No. of efficiency units: _____	
<input checked="" type="checkbox"/> Wood Frame	No. of 1 BR units: _____	
<input type="checkbox"/> State Certified Modular	No. of 2 BR units: _____	
	No. of 3 BR units: _____	
	Other Structure: _____	
	Dimensions: _____	
<input checked="" type="checkbox"/> <b>Roadside Tree Project Permit</b>	Footings: _____	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof: _____	
<b>Roadside Tree Project Permit #</b>	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
<b>Water Supply</b>	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
<b>Sewage Disposal</b>	
<input type="checkbox"/> Public	
<input type="checkbox"/> Private	
Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Heating System</b>	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input checked="" type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
<b>Sprinkler System:</b>	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number: <u>G1600079</u>	
Building Shell Permit Number: _____	

RECEIVED

APR 03 2016

LICENSES & PERMITS DIVISION

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: Charles Wimmer Print Name: CHARLES WIMMER  
 Email Address: WIMMER@DOUGLAS-HOPKINS.COM Date: 4/19/16  
 Title/Company: Douglas Homes

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY  
 \*\*PLEASE WRITE NEATLY & LEGIBLY\*\*  
 -FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA ( Zoning )		
PSZA ( Engineering )		
Health	<u>6/14/16</u>	<u>H O Sunk</u>

Is Sediment Control approval required for issuance?  Yes  No  
 CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION
Front: _____
Rear: _____
Side: _____
Side St.: _____
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone: _____
SDP/Red-line approval date: _____

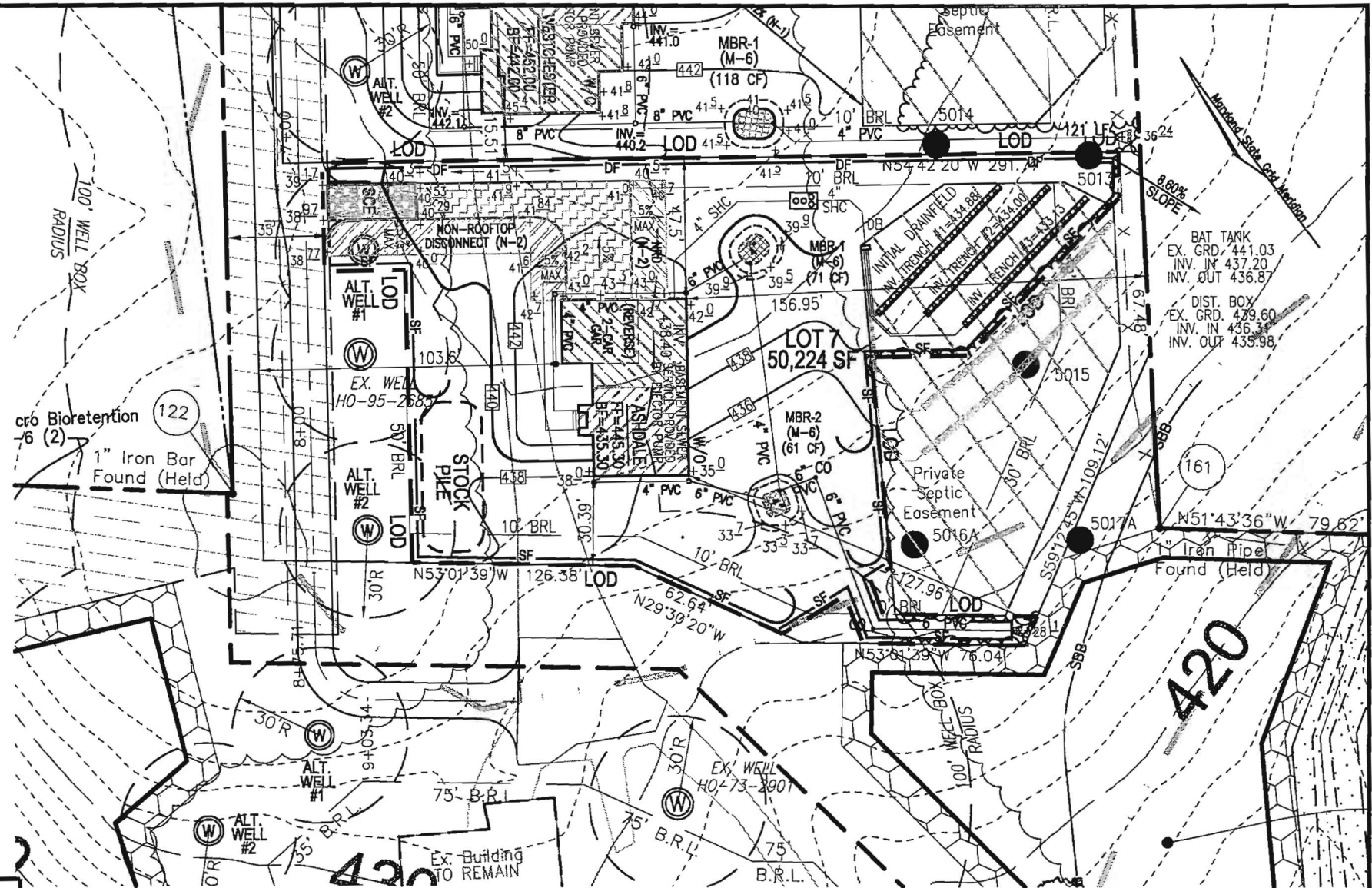
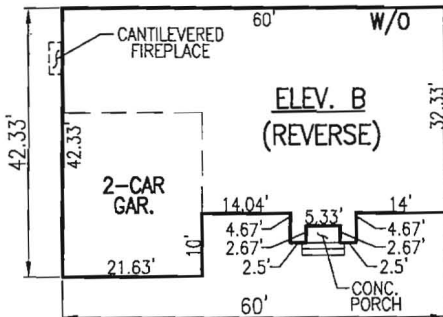
Filing Fee	\$ <u>100.00</u>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$ <u>50.00</u>
Add'l per Fee	\$
Total Fees	\$
Sub-Total Paid	\$
Balance Due	\$
Check	# <u>8946</u>

THE EXISTING WELL SHOWN ON LOT 7 TAG NO. HO-95-2685 HAS BEEN FIELD LOCATED BY ROBERT H. VOGEL ENGINEERING, INC., AND IS ACCURATELY SHOWN.

BUILDING OF LOT 7 FLOOR AREAS:  
 BASEMENT FLOOR AREA: \_\_\_\_\_  
 FIRST FLOOR AREA: \_\_\_\_\_  
 SECOND FLOOR AREA: \_\_\_\_\_  
 BEDROOMS: \_\_\_\_\_

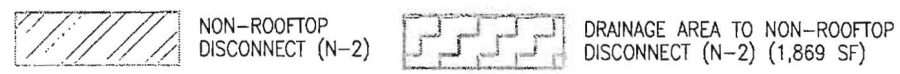
NOTE: STORMWATER MANAGEMENT (WQv AND CPv) IS PROVIDED BY MICRO BIO-RETENTION FACILITIES (M-6), AND NON-ROOFTOP DISCONNECTION CREDIT (N-2).

BUILDING PERMIT NO. B16001561



SCALE: AS SHOWN  
 DRAWN BY: JMR  
 CHECKED BY: RHV  
 DATE: MARCH 2016  
 PROJECT #: 14-24  
 SHEET#: 1 OF 2

**PLOT PLAN**  
**FULTON MANOR VALLEY**  
**LOT 7**  
**REF: GP-15-053**  
 TAX MAP 41 PARCEL 78 & 256  
 BLOCK 19  
 5TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND



**SCALE**  
 1"=50'

**OWNER**  
 COLLIE, LLC.  
 5300 DORSEY HALL DR., SUITE 102  
 ELLICOTT CITY, MARYLAND 21042  
 ATTN: MR. DONALD R. REUWER, JR.  
 443-367-0422

**VE ROBERT H. VOGEL ENGINEERING, INC.**  
 ENGINEERS • SURVEYORS • PLANNERS  
 8407 MAIN STREET TEL: 410.461.7666  
 ELLICOTT CITY, MD 21043 FAX: 410.461.8951

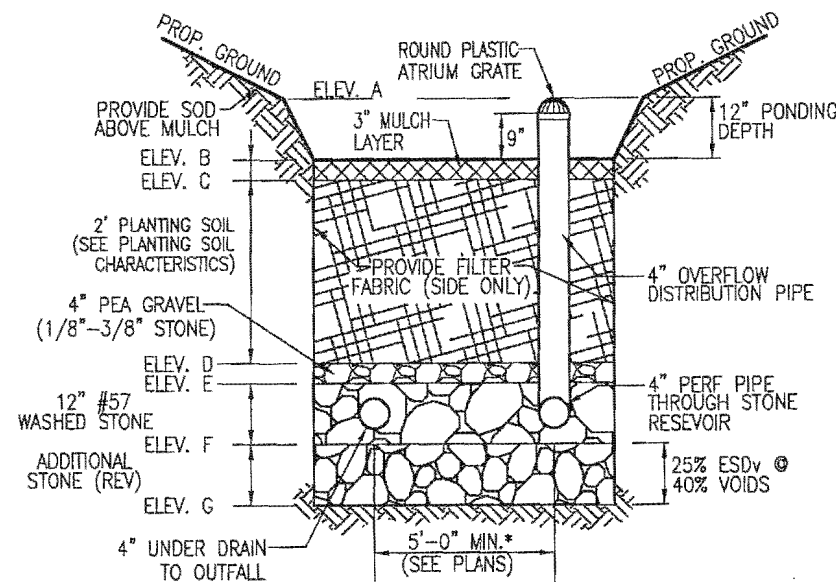


**ADDRESS**  
 11813 COLLIE COURT  
 HIGHLAND, MD 20777

Material	Specifications	Size	Notes
Plantings	see Appendix A, Table A.4	n/a	plantings are site-specific
Planting soil (2' to 4' deep)	loamy sand (60 - 65%) & compost (35 - 40%) or sandy loam (30%) coarse sand (30%) & compost (40%)	n/a	USDA soil types loamy sand or sandy loam; clay content < 5%
Organic content	Min. 10% by dry weight (ASTM D 2974)		
Mulch	shredded hardwood		aged 6 months, minimum no pine or wood chips
Pea gravel diaphragm	pea gravel: ASTM-D-448	NO. 8 OR NO. 9 (1/8" TO 3/8")	
Curtain drains	ornamental stone: washed cobbles	stone: 2" to 5"	
Geotextile		n/a	PE Type 1 nonwoven
Gravel (underdrains and infiltration basins)	AASHTO M-43	NO. 57 OR NO. 6 AGGREGATE (3/4" to 3/4")	
Underdrain piping	F 75B, Type PS 28 or AASHTO M-278	4" to 6" rigid schedule 40 PVC or SDR35	Slotted or perforated pipe; 3/8" port @ 6" on center, 4 holes per row; minimum of 3" of gravel over pipes; not necessary underdrain pipes. Perforated pipe shall be wrapped with 1/4-inch galvanized hardware mesh cloth.
Poured in place concrete (if required)	MSHA Mix No. 3; f <sub>c</sub> = 3500 psi @ 28 days, normal weight, air-entrained; reinforcing is most ASTM-615-60	n/a	on-site testing of poured-in-place concrete required: 28 day strength and slump test; all concrete design (cast-in-place or pre-cast) not using previously approved State or local standards requires design drawings sealed and approved by a professional structural engineer licensed in the State of Maryland - design to include meeting ACI Code 350.R/89; vertical loading (H-10 or H-20); allowable horizontal loading (based on soil moisture) and analysis of potential cracking. Sand substitutions such as Diabase and Graystone (AASHTO #10 are not acceptable. No calcium carbonate or dolomite sand substitutions are acceptable. No "rock dust" can be used for sand.
Sand	AASHTO-M-6 or ASTM-C-33	0.02" to 0.04"	

**MBR-1**  
 ROOFTOP = 1,186 SF  
 Pe = 1" Rv=0.95  
 ESDV = A(Pe)(Rv)/12 =  
 ESDV = 1,186 SF(1")(0.95)/12 = 94 CF  
 MBR = (94 CF)(0.75) = 71 CF ABOVE MULCH

**MBR-2**  
 ROOFTOP = 1,018 SF  
 Pe = 1" Rv=0.95  
 ESDV = A(Pe)(Rv)/12 =  
 ESDV = 1,018 SF(1")(0.95)/12 = 81 CF  
 MBR = (81 CF)(0.75) = 61 CF ABOVE MULCH



**MICRO-BIORETENTION**  
NOT TO SCALE

LOT #	FACILITY	A	B	C	D	E	F	G	UNDERDRAIN INV. OUT	OUTFALL INV.	FACILITY SIZE
LOT 7	MBR-1 (M-6)	439.50	438.50	438.25	436.25	435.92	434.92	434.22	4" 435.25	4" 429.05	71 CF
	MBR-2 (M-6)	433.30	432.30	432.05	430.05	429.72	428.72	428.02	4" 429.05 6" 428.88	6" 428.10	61 CF

**MICROBIORETENTION NOTES:**

- ONLY THE SIDES OF MICROBIORETENTION ARE TO BE WRAPPED IN FILTER FABRIC. FILTER FABRIC BETWEEN LAYER OR AT THE BOTTOM OF THE MICROBIORETENTION WILL CAUSE THE MBR TO FAIL, AND THEREFORE SHALL NOT BE INSTALLED.
- WRAP THE PERFORATED MBR UNDERDRAIN PIPE WITH 1/4" MESH (4x4) OR SMALLER GALVANIZED HARDWARE CLOTH.
- PROVIDE 5' MINIMUM SPACING BETWEEN UNDER DRAIN AND PERFORATED PIPE THROUGH STONE RESINOIR OR SPACE PIPE EQUALLY ACROSS BOTTOM FOR SMALL BIOS. (SEE PLANS)

**OPERATION AND MAINTENANCE SCHEDULE FOR (M-6) MICROBIORETENTION AREAS**

- ANNUAL MAINTENANCE OF PLANT MATERIAL, MULCH LAYER AND SOIL LAYER IS REQUIRED. MAINTENANCE OF MULCH AND SOIL IS LIMITED TO CORRECTING AREAS OF EROSION OR WASH OUT. ANY MULCH REPLACEMENT SHALL BE DONE IN THE SPRING. PLANT MATERIAL SHALL BE CHECKED FOR DISEASE AND INSECT INFESTATION AND MAINTENANCE WILL ADDRESS DEAD MATERIAL AND PRUNING. ACCEPTABLE REPLACEMENT PLANT MATERIAL IS LIMITED TO THE FOLLOWING: 2000 MARYLAND STORMWATER DESIGN MANUAL VOLUME II, TABLE A.4.1 AND 2.
- SCHEDULE OF PLANT INSPECTION WILL BE TWICE A YEAR IN SPRING AND FALL. THIS INSPECTION WILL INCLUDE REMOVAL OF DEAD AND DISEASED VEGETATION CONSIDERED BEYOND TREATMENT, TREATMENT OF ALL DISEASED TREES AND SHRUBS AND REPLACEMENT OF ALL DEFICIENT STAKES AND WIRES.
- MULCH SHALL BE INSPECTED EACH SPRING. REMOVE PREVIOUS MULCH LAYER BEFORE APPLYING NEW LAYER ONCE EVERY 2 TO 3 YEARS.
- SOIL EROSION TO BE ADDRESSED ON AN AS NEEDED BASIS WITH A MINIMUM OF ONCE PER MONTH AND AFTER HEAVY STORM EVENTS.

**HOWARD COUNTY - OPERATION AND MAINTENANCE SCHEDULE FOR PRIVATELY OWNED AND MAINTAINED DISCONNECTION OF ROOFTOP RUNOFF (N-1), DISCONNECTION OF NON-ROOFTOP RUNOFF (N-2)**

- A. MAINTENANCE OF AREAS RECEIVING DISCONNECTED RUNOFF IS GENERALLY NO DIFFERENT THAN THAT REQUIRED FOR OTHER LAWN OR LANDSCAPED AREAS. THE OWNER SHALL ENSURE THE AREAS RECEIVING RUNOFF ARE PROTECTED FROM FUTURE COMPACTION OR DEVELOPMENT OF IMPERVIOUS AREA. IN COMMERCIAL AREAS, FOOT TRAFFIC SHOULD BE DISCOURAGED AS WELL.

SCALE: AS SHOWN  
 DRAWN BY: JMR  
 CHECKED BY: RHV  
 DATE: MARCH 2016  
 PROJECT #: 14-24  
 SHEET#: 1 OF 2

**PLOT PLAN**  
**FULTON MANOR VALLEY**  
**LOT 7**  
**REF: GP-16-053**  
 TAX MAP 41 PARCEL 7B & 45B  
 BLOCK 19  
 5TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

**OWNER**  
 COLLIE, LLC.  
 5300 DORSEY HALL DR., SUITE 102  
 ELLICOTT CITY, MARYLAND 21042  
 ATTN: MR. DONALD R. REUWER, JR.  
 443-367-0422

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 8407 MAIN STREET  
 ELLICOTT CITY, MD 21043  
 TEL: 410.461.7666  
 FAX: 410.461.8961

## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Wednesday, April 27, 2016 9:01 AM  
**To:** 'Charles Wimmer'  
**Subject:** RE: Plans

Charles:

Lot 7 - FP called "The Ashdale" shows 4 bedrooms with an optional 5<sup>th</sup> bedroom on the 2<sup>nd</sup> floor. Does 5<sup>th</sup> room on the 2<sup>nd</sup> floor exist? 1<sup>st</sup> floor shows an optional full bathroom. Does the full bathroom exist on the 1<sup>st</sup> floor? Is the basement finished and is there a window in the optional "Den"?

Lot 9 - FP called "The Homewood" shows 4 bedrooms on the 2<sup>nd</sup> floor, 1 bedroom on the 1<sup>st</sup> floor and potentially one bedroom in the basement.

Hank

**From:** Charles Wimmer [<mailto:cwimmer@douglashomesinc.com>]  
**Sent:** Tuesday, April 26, 2016 3:33 PM  
**To:** Oswald, Hank  
**Subject:** Plans

Hank I dropped off the House plans this afternoon let me know what you think

Thanks,  
Charles Wimmer  
Douglas Homes  
410-660-9305

## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Friday, April 22, 2016 12:02 PM  
**To:** CWIMMER@DOUGLASHOMESINC.COM  
**Subject:** 11813 Collie Court\_Floor Plans

Hi Charles:

This office is in receipt of a building permit for SFD located at 11813 Collie Court in Fulton. Our office has the BAT Plan but a copy of the floor plans is also needed for this review. Please submit a copy of the floor plans at your earliest convenience.

Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
410.313.2648 (Fax)

## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Tuesday, June 21, 2016 1:30 PM  
**To:** 'mknapoleon@yahoo.com'  
**Subject:** 11813 Collie Court\_Bedroom Question

Michael Krouse:

Thanks for your call. I looked over the floor plan for 11813 Collie Court (building permit # B16001561). To satisfy your concern, the Health Department would not consider the optional Den or Media Rooms located in the basement as bedrooms because they don't have windows. With that said, I'm seeing just 4 bedrooms (total), and all located on the second floor.

Should you still have questions or concerns, please don't hesitate to contact me.

Thanks,

Hank

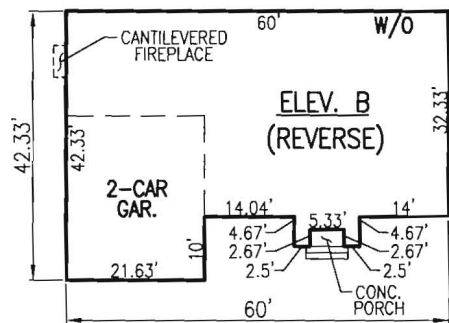
Hank Oswald, L.E.H.S.  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
410.313.2648 (Fax)

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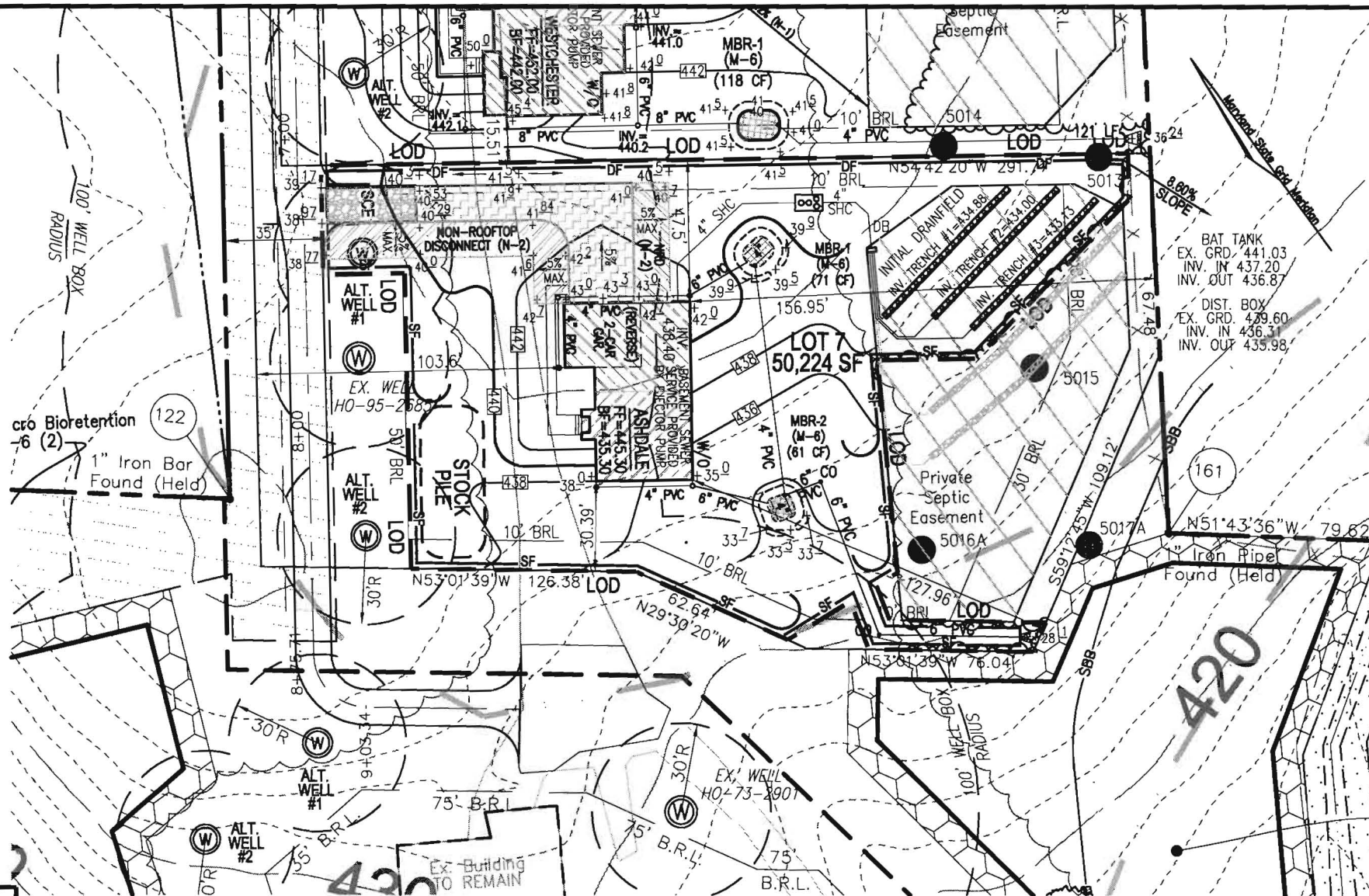
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 BASEMENT FLOOR AREA: \_\_\_\_\_  
 FIRST FLOOR AREA: \_\_\_\_\_  
 SECOND FLOOR AREA: \_\_\_\_\_  
 BEDROOMS: \_\_\_\_\_

NOTE: STORMWATER MANAGEMENT (WQv AND CPv) IS PROVIDED BY MICRO BIO-RETENTION FACILITIES (M-6), AND NON-ROOFTOP DISCONNECTION CREDIT (N-2).

BUILDING PERMIT NO. \_\_\_\_\_



**THE ASHDALE**  
 W/ BRICK AND STONE VENEER  
 SCALE: 1"=30'



SCALE: AS SHOWN  
 DRAWN BY: JMR  
 CHECKED BY: RHV  
 DATE: MARCH 2016  
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**FULTON MANOR VALLEY**  
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 TAX MAP 41 PARCEL 78 & 456  
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**SCALE**  
 1"=50'

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