



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: 6-26-15

Permit No.: B15002910

Building Address: 15221 Sweetbay Street
City: WOODBINE State: MD Zip Code: 21797
Suite/Apt. # _____ SDP/WP/BA #: F-07-38
Census Tract: _____ Subdivision: BELLE HAVEN
Section: _____ Area: _____ Lot: 43
Tax Map: _____ Parcel: _____ Grid: _____
Zoning: _____ Map Coordinates: _____ Lot Size: _____

Existing Use: vacant lot
Proposed Use: new S. F. D.

Estimated Construction Cost: \$ 350,000
Description of Work: MANHATTAN (Elev. C) 2 Story
Ext. FAM, 1st Floor Suite, MORN. RM,
TWO CAR SIDE LOAD - 2 Story full
BSMT, HR, SFB, & IHB,

Occupant or Tenant: BSMT, HR, SFB, & IHB,
Was tenant space previously occupied? Yes No
Contact Name: TWO CAR GARAGE (SBR)
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____

Property Owner's Name: BELLE HAVEN BAKER LLC
Address: 10751 Falls Rd. Ste. 405
City: LUTHERVILLE State: MD Zip Code: 21093
Phone: _____ Fax: _____
Email: _____

Applicant's Name & Mailing Address, (if other than stated herein)
Applicant's Name: Vicky Meyer
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: 410-296-6900 Fax: _____
Email: MDBLDGPERMITS@COMCAST.NET

Contractor Company: K. HOVNANI TAN HOMES
Contact Person: Chester Willett
Address: 1802 Brightseat Rd.
City: Landover State: MD Zip Code: 20785
License No.: 3149
Phone: 301-772-8900 Fax: _____
Email: CWillett@KHOV.COM

Engineer/Architect Company: D. D. C.
Responsible Design Prof.: Brian Collins
Address: 192 E. Main St.
City: Westminster State: MD Zip Code: 21157
Phone: 410-386-0560 Fax: _____
Email: _____

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

Utilities	
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Heating System	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input checked="" type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
	<u>613000401</u>
Grading Permit Number:	<u>613000401</u>
Building Shell Permit Number:	

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: V. Meyer

Print Name: Vicky Meyer

RECEIVED

Email Address: MDBLDGPERMITS@COMCAST.NET

Date: 6/26/15

JUN 26 2015

AGENT
Title/Company

LICENSES & PERMITS
DIVISION

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>1/11/16</u>	<u>H. Oswald</u>

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>22807</u>

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

Distribution of Copies: White: Building Officials Green: PSZA,Zoning Yellow: PSZA,Engineering Pink: Health Gold: SHA

Oswald, Hank

From: Oswald, Hank
Sent: Monday, January 11, 2016 10:57 AM
To: 'Willett, Chester'
Subject: RE: B15005202_15217 Sweetbay Street_Belle Haven Lot 44

Hi Chester:

Building permit # **B15005202** has been approved by the Health Department.

PLEASE NOTE: The floor plans for Belle Haven Estates, Lot 44 show 4 finished bedrooms and potential for a 5th bedroom in the unfinished portion of the basement. Please note, should the future homeowners apply for a building permit to finish the basement with a 5th bedroom, the septic system will have to be upgraded prior to BP approval by the Health Department. Therefore, it is recommended that you revise the BAT Plan at this time to accommodate for a 5th bedroom.

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

Respectfully,

Hank

From: Willett, Chester [<mailto:cwillett@khov.com>]
Sent: Tuesday, January 05, 2016 5:06 PM
To: Oswald, Hank
Subject: RE: B15005202_15217 Sweetbay Street_Belle Haven Lot 44

Happy 5 days after the New Year , sir !!!

Mr. Oswald , after a combination of holiday vacation and battling a couple minor health concerns I'm finally back and runnin' up to speed. A package with the outstanding information should arrive at your office tomorrow. Thank you for your patience.

Chester
KH☺V Permits

From: Oswald, Hank [<mailto:hoswald@howardcountymd.gov>]
Sent: Friday, December 18, 2015 9:42 AM
To: Willett, Chester
Subject: B15005202_15217 Sweetbay Street_Belle Haven Lot 44

Hi Chester:

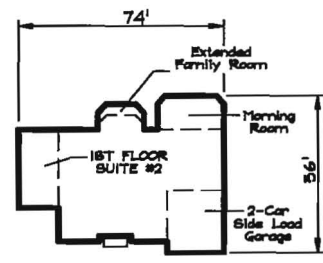
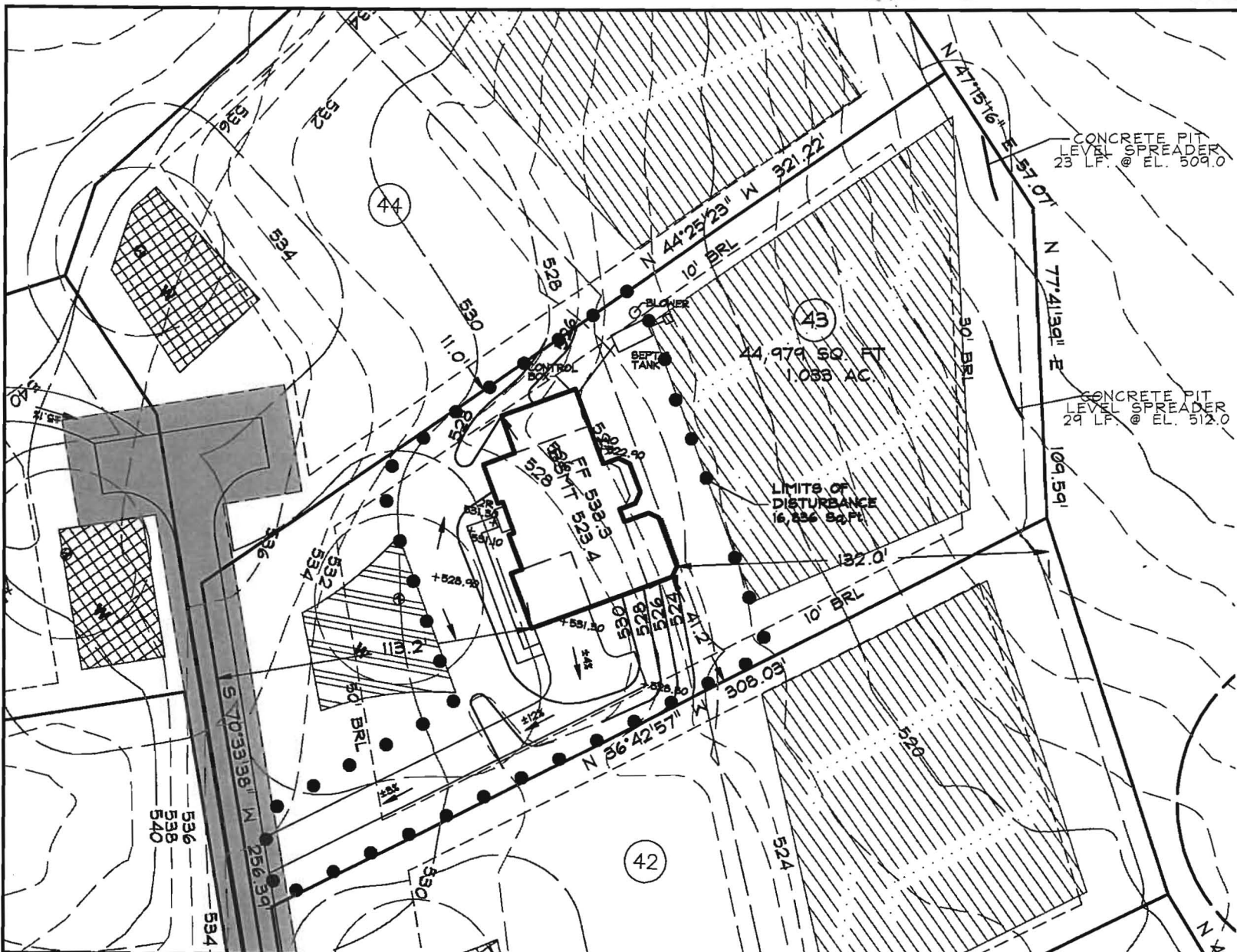
I'm in receipt of the building permit and site plan for Belle Haven, Lot 44 (15217 Sweetbay Street) but I don't have the BAT Plan and floor plans required for the review. Would you please forward them to me at your earliest convenience.

Thanks,

Hank

Hank Oswald, L.E.H.S.

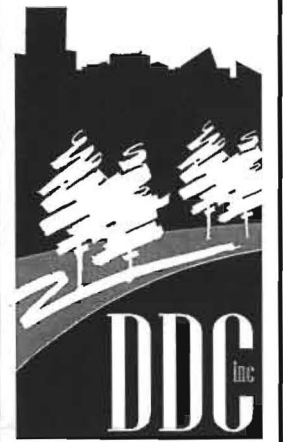
1/11/10 - Site plan approved
for B15602916 - 4.0



MANHATTAN
ELEVATION 'C'
BRICK/STONE FRONT
WALKOUT

GENERAL NOTES

1. THE EXISTING WELL SHOWN ON THIS PLAN (HO-95-0651) HAS BEEN LOCATED BY DDC, PROFESSIONAL LAND SURVEYOR, AND IS ACCURATELY SHOWN.
2. BASE SQUARE FOOTAGE OF HOUSE: 4,144 sq. ft.
NUMBER OF BEDROOMS: 4
3. INFORMATION SHOWN ON THIS PLAN BASED ON PLANS PREPARED BY DMW DATED 6/25/07. EXISTING TOPOGRAPHY BASED ON GRADING PLAN PREPARED BY DEMARIO DESIGN CONSULTANTS DATED 7/9/07 AND FIELD RUN TOPOGRAPHY PREPARED BY DDC INC IN JAN. 2012
4. A DRIVEWAY CULVERT IS NOT REQUIRED PER THE APPROVED ROAD DRAWINGS F-07-38.
5. AT ANY TIME IN THE FUTURE THAT A BUILDING PERMIT IS SUBMITTED TO FINISH THE AREA CURRENTLY IDENTIFIED AS OPTIONAL DEN, THEN A SEPTIC SYSTEM UPGRADE WILL BE REQUIRED AS FINISHING THE OPTIONAL DEN CREATES A FIFTH BEDROOM PER HOWARD COUNTY CODE 3.801(B).



Development Design Consultants

Planners
Surveyors
Engineers
Landscape Architects

192 East Main Street
Westminster, MD 21157
410.386.0560
410.386.0564 (Fax)
DDC@DDCinc.us
www.DDCinc.us

DDC JOB#:	06116.5
DATE:	06/12/15
SCALE:	1" = 50'
DES. BY:	BKC
DRN. BY:	BKC
CHK. BY:	BKC

BELLE HAVEN ESTATES
3rd ELECTION DISTRICT HOWARD COUNTY, MD
TAX MAP 14, PARCEL 66

LOT 43
15221 SWEETBAY STREET
WOODBINE, MD 21797
PLOT PLAN
KHOV ELEVATION

OWNER/BUILDER: K.HOVNANIAN HOMES
1802 Brightseat Road
Londover, Maryland 20785
(301)683-6268

STATIC HEAD	5.0'
FRICTION HEAD	1.0'
DISTAL END HEAD	0'
TOTAL DYNAMIC HEAD	6.0'
GALLONS PER MINUTE	39 GPM
DOSE	75
PUMP RUN TIME	2.0 MIN

TOTAL DYNAMIC HEAD CALCULATIONS

STATIC HEAD

OFF FLOAT ELEVATION: 516.1'
HIGH POINT OF THE SYSTEM: + 521.1'
VERTICAL ELEVATION CHANGE: 5.0'

FRICTION HEAD

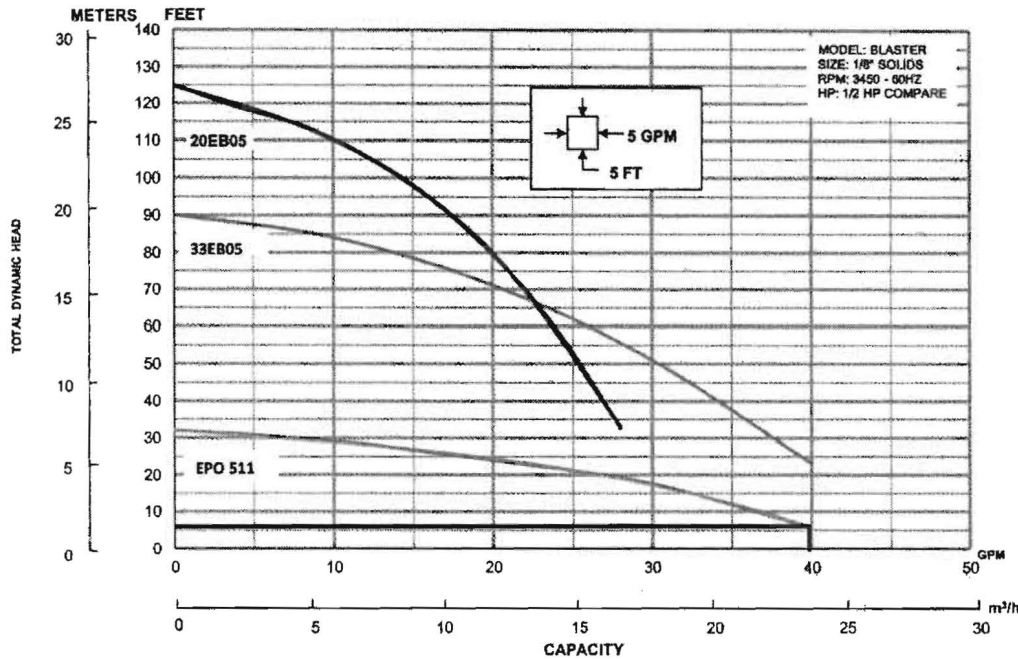
FITTINGS: 19.7'
LENGTH OF PVC PIPE: + 10.6'
TOTAL LENGTH: 30.3'

$30.3'/100 \times 3.10 = 1.0'$ TOTAL FRICTION LOSS

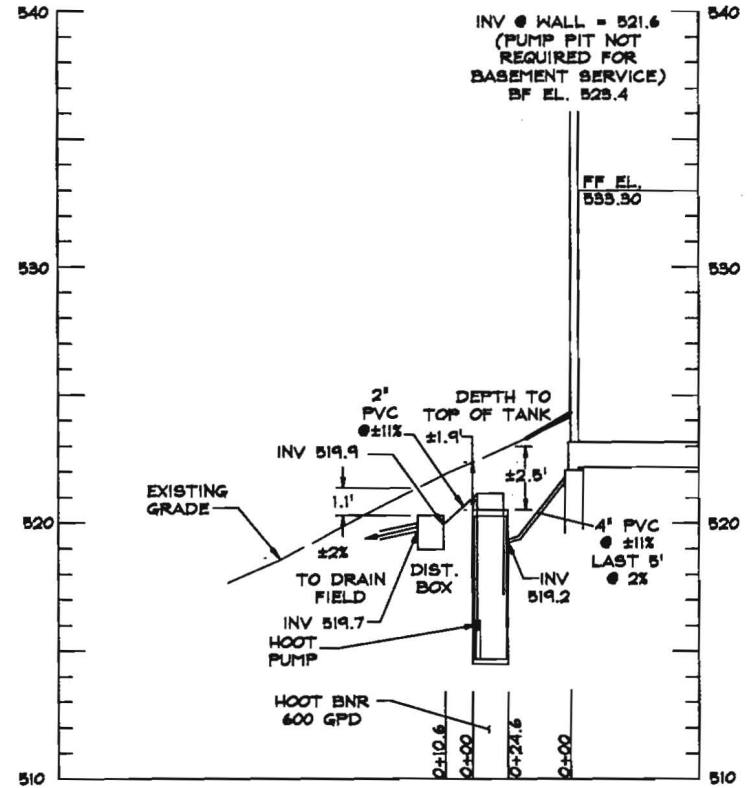
TOTAL HEAD

VERTICAL ELEVATION CHANGE 5.0'
TOTAL FRICTION LOSS 1.0'
SYSTEM PRESSURE REQUIREMENTS + 0.0'
TOTAL DYNAMIC HEAD 6.0'

HOOT PUMP CURVES w/BNR RISER FIGURED IN LOSS



DATE: 06/23/2014



**SEPTIC SYSTEM PROFILE
LOT 43**

SCALE: HORIZ. 1"=50'
VERT. 1"=5'

Oswald, Hank

From: Williams, Jeffrey
Sent: Monday, December 14, 2015 9:50 AM
To: Brian Collins
Cc: Oswald, Hank
Subject: RE: BAT Plan & FP Questions_Belle Haven Estates_Lot 43

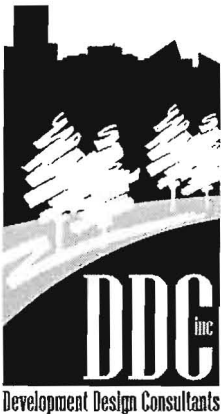
Those look fine. All the different charts have slightly different friction head numbers. I don't know which one is more accurate, but if you go with the higher number, you get a bit of a fudge factor, so that's ok. If you wanted, you could reference on the plans where you are getting your reference numbers.

From: Brian Collins [mailto:BCollins@ddcinc.us]
Sent: Friday, December 11, 2015 10:32 AM
To: Williams, Jeffrey
Cc: Oswald, Hank
Subject: RE: BAT Plan & FP Questions_Belle Haven Estates_Lot 43

Jeff, Hank,

I just received similar comments on Lot 42 could you please let me know if the revised calculations are acceptable. Hank is referencing table 4.4 but I am using the AMC Chart. Just want to make sure that is acceptable.

Thanks
Brian



Brian Collins, RIA, ASLA, LEED AP
Project Manager
bcollins@DDCinc.us

Development Design Consultants, Inc.
Planners, Surveyors, Engineers, Landscape Architects
192 East Main Street office 410.386.0560
Westminster, MD 21157 cell 410.336.6362
www.DDCinc.us fax 410.386.0564
in f g

From: Brian Collins
Sent: Wednesday, December 09, 2015 10:03 AM
To: 'Williams, Jeffrey' <jewilliams@howardcountymd.gov>
Cc: Oswald, Hank <hoswald@howardcountymd.gov>
Subject: RE: BAT Plan & FP Questions_Belle Haven Estates_Lot 43

Jeff, Hank,

I have attached revised calculations for Lot 43 which used the American Manufacturing Company Chart. I used a 2" pipe which has a velocity of 3.82 and a loss factor of 3.1 for a 40 GPM pump. If this is acceptable I will send the plan to Chester for resubmission and revise Lots 42 and 44.

Thanks
Brian



Brian Collins, RLA, ASLA, LEED AP
Project Manager
bcollins@DDCinc.us

Development Design Consultants, Inc.

Planners, Surveyors, Engineers, Landscape Architects

192 East Main Street office 410.386.0560
Westminster, MD 21157 cell 410.336.6362
www.DDCinc.us fax 410.386.0564



From: Williams, Jeffrey [<mailto:jewilliams@howardcountymd.gov>]
Sent: Tuesday, December 08, 2015 3:26 PM
To: Brian Collins <BCollins@ddcinc.us>
Cc: Oswald, Hank <hoswald@howardcountymd.gov>
Subject: RE: BAT Plan & FP Questions_Belle Haven Estates_Lot 43

Brian, I got your phone message:

MDE guidelines recommend a minimum of 2 ft/s velocity to allow for scouring. The maximum velocity depends on what the pipe and fittings can handle. The Goulds chart seems to stop their numbers at just under 10 ft/s for each diameter. The EPA chart reproduced in the MDE sandmound manual stops their numbers at just under 5 ft/s for each diameter (but starts them at below 2 ft/s). See the attached chart from American Manufacturing that gives both friction loss and velocity.

From what I have found in researching the issue, the Soil Conservation Services Engineering Standard 430-DD limits flow velocities to 5 ft/s in sch 40 PVC pipes to avoid damage to fittings from water hammer or surge conditions. In another place I found a reference to limiting velocity to 5 ft/s in 6" or larger diameter pipes to avoid hydraulic shock. Other references recommend a maximum flow velocity of 5 ft/s and some give 10 ft/s maximum.

Bottom line, We would like to see a pipe diameter chosen that produces a velocity in the 2-5 ft/s range for the given flow rate. This minimizes the chance for pipe damage and shouldn't cause any big problems with design.

I will make sure all of our reviewers are consistent on this. If the smaller pipes were on previous designs, it may have been changed in the field. If not, it wouldn't cause some immediate catastrophe unless the velocity was very high, but could increase the likelihood of damage to the pipe or fittings over the life of the system, especially with applications where the line is surged on and off several times a day.

Thanks, Jeff

From: Oswald, Hank
Sent: Tuesday, December 08, 2015 2:05 PM
To: Williams, Jeffrey
Subject: FW: BAT Plan & FP Questions_Belle Haven Estates_Lot 43

We just talked about this BAT Plan. Brian sent me Gould's Pump Guide to show me where he got the 13.62 Factor. Please have a look and let me know what you think.

From: Brian Collins [<mailto:BCollins@ddcinc.us>]
Sent: Tuesday, December 08, 2015 2:00 PM
To: Oswald, Hank
Cc: Willett, Chester
Subject: RE: BAT Plan & FP Questions_Belle Haven Estates_Lot 43

Hank,

I just left you a message. Not sure where your chart came from but we have been using the chart supplied to us by the manufacturer of the pump that will be installed in the HOOT. See Attached. As far as I know we haven't had any issues with the previous designs.

Thanks
Brian



Brian Collins, RLA, ASLA, LEED AP
Project Manager
bcollins@DDCinc.us

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Westminster, MD 21157 cell 410.336.6362
www.DDCinc.us fax 410.386.0564



Development Design Consultants

From: Oswald, Hank [<mailto:hoswald@howardcountymd.gov>]
Sent: Tuesday, December 08, 2015 1:41 PM
To: Brian Collins <BCollins@ddcinc.us>
Cc: Willett, Chester <cwillett@khov.com>
Subject: RE: BAT Plan & FP Questions_Belle Haven Estates_Lot 43

Brian:

At 35 gpm, the velocity is too strong for a 1 1/4 (It's off the table). Please see attached Table 4.4. It would be better to increase to a 2 inch pipe and use friction loss factor of 2.05.

Hank

From: Brian Collins [<mailto:BCollins@ddcinc.us>]
Sent: Tuesday, December 08, 2015 12:40 PM
To: Oswald, Hank
Cc: Willett, Chester
Subject: RE: BAT Plan & FP Questions_Belle Haven Estates_Lot 43

Hank,

In Response to your question below. The 13.62 is the Friction Loss Factor. To calculate the friction loss for odd lengths we multiply the total length of pipe divided by 100, by the friction loss factor. Which is basically a number we get off a chart for the friction loss over 100' of an 1"-1/4 pipe.

Please let me know if you have any additional Questions.

Oswald, Hank

From: Oswald, Hank
Sent: Friday, July 17, 2015 8:57 AM
To: cwillett@khov.com
Subject: B15002916_15221 Sweetbay Street
Attachments: BP Response Letter_SFD Floor Plans_B15002916_2015.pdf

Hi Chester:

Please see attached letter regarding building permit # B15002916.

Thanks,

Hank

Hank Oswald, L.E.H.S.
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
410.313.1786



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

Twitter: HowardCoHealthDep

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

July 17, 2015

CHESTER WILLET
K. HOVNANIAN HOMES OF MARYLAND, LLC
1802 BRIGHTSEAT ROAD
LANDOVER, MD 20785

Sent via email to: CWILLETT@KHOV.COM

RE: Building Permit # B15002916
15221 Sweetbay Street
Woodbine, MD 21797

Dear Mr. Willet:

This letter is in response to building permit # B15002916. The application describes the construction of a single family dwelling. Upon review of the application, the submittal did not include a copy of the floor plans. Additionally, a BAT plan is required for this review.

At this time, the building permit application has been placed on hold until floor plans and a BAT Plan are submitted for review. Should any questions or concerns, please contact me directly at (410) 313 – 1786 or hoswald@howardcountymd.gov.

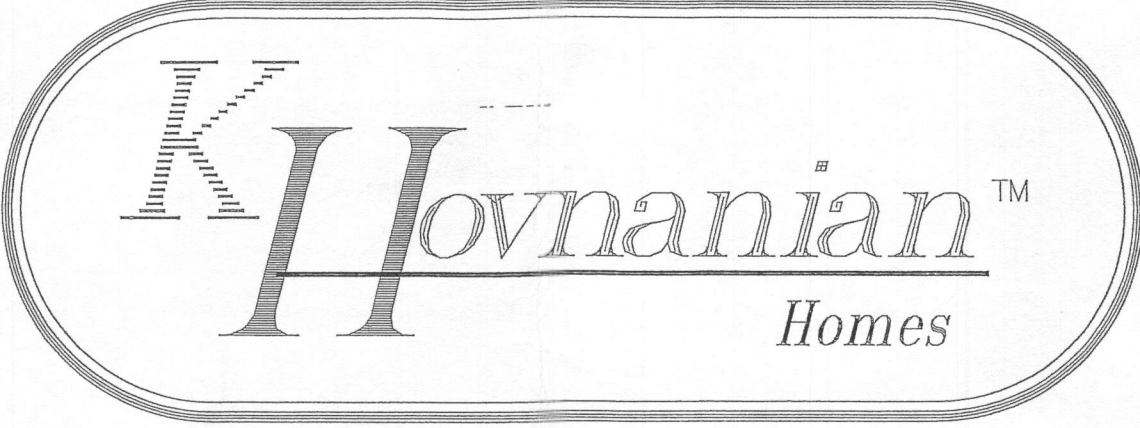
Sincerely,

Hank Oswald

Hank Oswald, L.E.H.S.
Howard County Health Department
Well & Septic Program

SQUARE FOOTAGE CHART	
NAME	AREA
FIRST FLOOR PLAN (TRADITIONAL ELEV.)	1748
SECOND FLOOR PLAN (TRADITIONAL ELEV.)	1708
BASE SQUARE FOOTAGE	3456
COLONIAL ELEVATION	+ 109
COUNTRY ELEVATION	+ 109
GEORGIAN ELEVATION	+ 131
VICTORIAN ELEVATION	+ 162
ELEVATION A	+ 215
ELEVATION B	+ 215
OPT. LIVING RM. / DINING RM BAY WINDOW	+ 16
OPT. SIDE LIBRARY BAY WINDOW	+ 18
ALT. OWNERS SUITE W/ 3-CAR SIDE LOAD GARAGE	+ 5
BEDROOM 5 OVER STD FAMILY ROOM	+ 287
BEDROOM 5 OVER EXT. FAMILY ROOM	+ 395
OPT. SIDE CONSERVATORY	+ 252
OPT. FIRST FLOOR SUITE W/ BATH	+ 331
OPT. FIRST FLOOR SUITE 2 W/ BATH	+ 378
OPT. ALT. FIRST FLOOR SUITE W/ BATH	+ 471
OPT. 6' LIBRARY EXT.	+ 79
OPT. 6' FAMILY ROOM EXT.	+ 120
OPT. 12' MORNING ROOM / DES. KIT. / GRAND MR.	+ 244
OPT. REAR SUNROOM	+ 181
OPT. COMBO 12' MORNING ROOM & 6' F.R. EXT.	(361)
OPT. COMBO 12' MORNING ROOM & 6' F.R. & 6' LIB. EXT.	(440)
OPT. COMBO 12' MORNING ROOM & 6' F.R. & SUNROOM	(519)
OPT. FINISHED BASEMENT (TOTAL BASE HOUSE)	1318
OPT. REC. ROOM	662
OPT. DEN	308
OPT. BATH	49
OPT. EXERCISE ROOM	221
OPT. FINISHED STORAGE CLOSET	79
EXT. REC. RM. W/ 6' LIBRARY EXT.	+ 79
EXT. REC. RM. OPT. 6' FAMILY ROOM EXT.	+ 106
EXT. REC W/ OPT. REAR SUNROOM	+ 153
EXT. REC W/ OPT. 12' MORNING ROOM ONLY	(+ 7)
EXT. DEN W/ OPT. 12' MORNING ROOM	+ 226
EXT. DEN W/ COMBO OPT. 12' MR & 6' FAMILY RM. EXT.	(+ 13)
EXT. REC W/ COMBO OPT. 12' M.R. & 6' F.R. & SUNROOM	(- 5)
EXT. EXERCISE RM. W/ COLONIAL ELEVATION	+ 25
EXT. STORAGE CLOSET W/GEORGIAN ELEVATION	+ 15
EXT. EXERCISE RM. W/ VICTORIAN ELEVATION	+ 25
EXT. EXERCISE RM. W/ ELEVATION A & B	+ 25
EXT. STORAGE CLOSET W/ ELEVATION A & B	+ 7

SQUARE FOOTAGE CHART (CONT'D)	
NAME	AREA
GARAGE 2-CAR	464
GARAGE 2-CAR (W/ ELEVS A & B)	+ 42
GARAGE 3-CAR SIDE LOAD (ANY ELEVATIONS)	+ 168
GARAGE 3RD CAR FRONT LOAD	+ 227
UNFINISHED BASEMENT (BASE HOUSE)	1748
UNFIN. BSMT. W/ COLONIAL ELEVATION	+ 55
UNFIN. BSMT. W/ COUNTRY ELEVATION	+ 55
UNFIN. BSMT. W/ GEORGIAN ELEVATION	+ 22
UNFIN. BSMT. W/ ELEVATION	+ 0
UNFIN. BSMT. W/ 6' LIBRARY EXT.	+ 79
UNFIN. BSMT. W/ OPT. 6' FAMILY ROOM EXT.	+ 114
UNFIN. BSMT. W/ OPT. 12' MORNING ROOM	+ 244
UNFIN. BSMT. W/ OPT. REAR SUNROOM	+ 161
UNFIN. BSMT. W/ COMBO OPT. 12' M.R. & 6' FAMILY RM. EXT.	(- 3)
UNFIN. BSMT. W/ COMBO OPT. 12' M.R. & 6' F.R. & SUNROOM	(- 6)
UNFIN. BSMT. W/OPT. SIDE CONSERVATORY	+ 252
UNFIN. BSMT. W/OPT. FIRST FLOOR SUITE W/ BATH	+ 331
UNFIN. BSMT. W/OPT. FIRST FLOOR SUITE 2 W/ BATH	+ 378
UNFIN. BSMT. W/ OPT. ALT. FIRST FLOOR SUITE W/ BATH	+ 471



MID-ATLANTIC AREA

COLORADO

REVISION DATE: 06-25-2015

1CO

2015 INTERNATIONAL RESIDENTIAL CODE

** THE LOCAL JURISDICTION SHALL FILL IN THIS TABLE WITH LOCAL CLIMATIC AND GEOGRAPHIC CRITERIA **

2015 CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA:											
GROUND SNOW LOAD	WIND SPEED (mph)		SEISMIC DESIGN CATAGORY	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP.	ICE BARRIER UNDERLAYMENT REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMP
	Speed (mph)	Topographic Effects		Weathering	Frost Line Depth	Termites					

Bellehewer 100 (43)

B15002916
(REVISION)



KV_003_3258_COLORADO

ACI

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