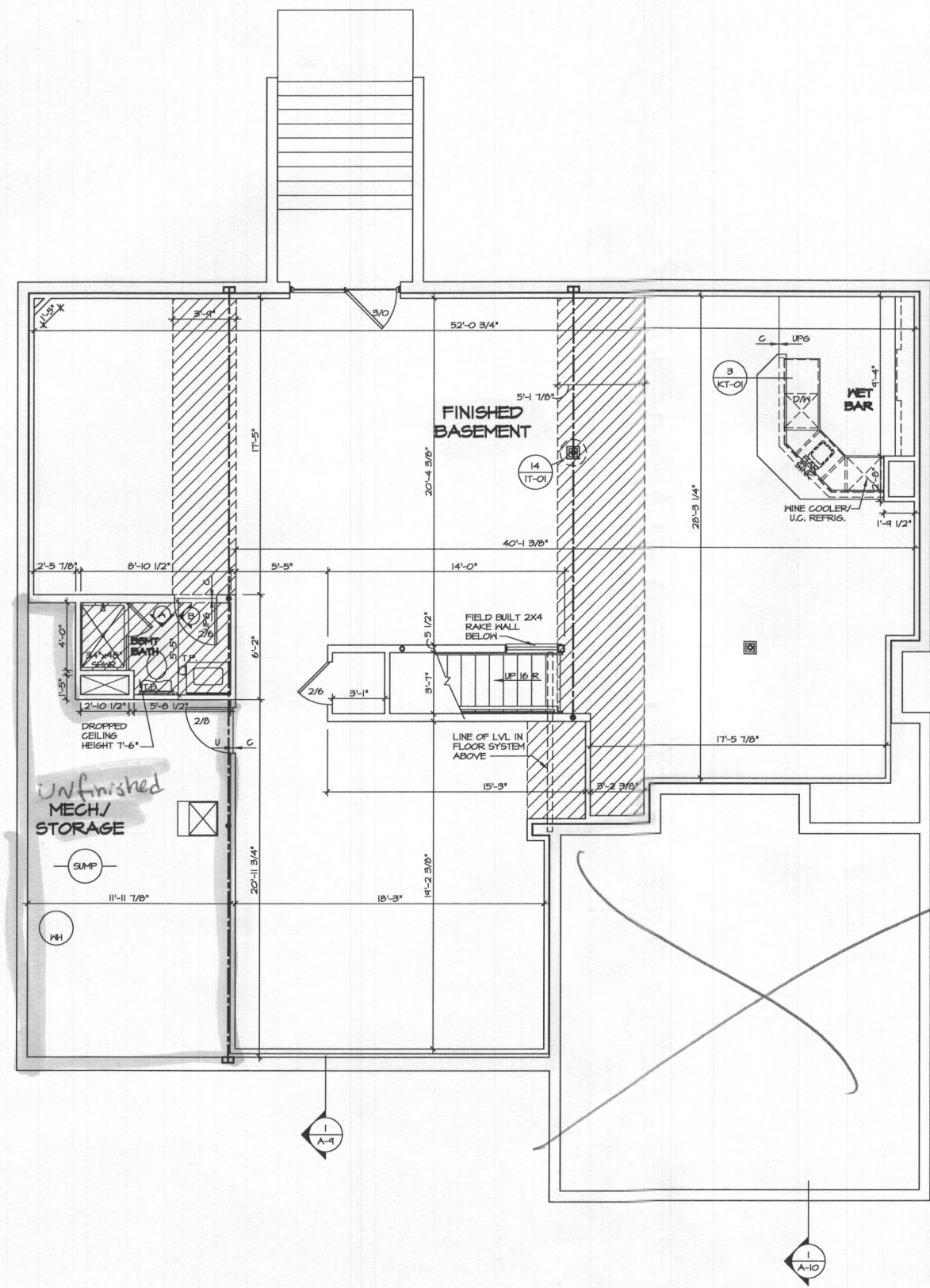




Ø Windows  
 Ø Bedrooms  
 1 Full Bath  
 'OK' rev 1/30/19



**1**  
**A-6** **BASEMENT FLOOR PLAN**  
 SCALE: 1/4" = 1'-0"

**FLOOR PLAN NOTES**

1. ALL HEADERS ARE (2) 2x6 W/ 2x4 WALLS OR (3) 2x6 W/ 2x6 WALLS, UNLESS OTHERWISE NOTED.
2. ALL HEADERS TO HAVE (1) 2x4 OR 2x6 JACK EACH END, UNLESS OTHERWISE NOTED.
3. ALL EXTERIOR WALLS TO BE 4" AND ALL INTERIOR WALLS TO BE 3 1/2", UNLESS OTHERWISE NOTED.
4. HATCHED AREAS INDICATE DROPPED CEILING. ALL DROPPED CEILING ARE 12" UNLESS OTHERWISE NOTED.
5. SEE BRACED WALL PANEL DETAIL SHEET FOR SPECIAL WALL FRAMING LOCATIONS AND HEADER SIZES, IF APPLICABLE.
6. SEE STANDARD DETAIL CATEGORY 'IT' SHEET(S) FOR INTERIOR TRIM DETAILS.
7. SEE ARCHITECTURAL DETAIL SHEET 'AD' FOR HOUSE SPECIFIC INTERIOR TRIM OPTION TABLE.
8. ALL WINDOWS HAVE 7'-0 1/2" HEADER HEIGHT UNLESS OTHERWISE NOTED.
9. ALL CASED OPENINGS AT 7'-11", UNLESS OTHERWISE NOTED.

**GYPSPUM NOTES**

- AT GARAGE:**  
 5/8" DRYWALL ON COMMON WALLS, CEILING, AND BEARING WALLS AS REQUIRED.
- AT STAIRS:**  
 1/2" GYPSPUM BOARD AT UNDERSIDE OF STAIRS AND WALLS IN CLOSET
- WITH OPTION 'SC1' - DRYWALL UNFINISHED BASEMENT CEILING AREA**

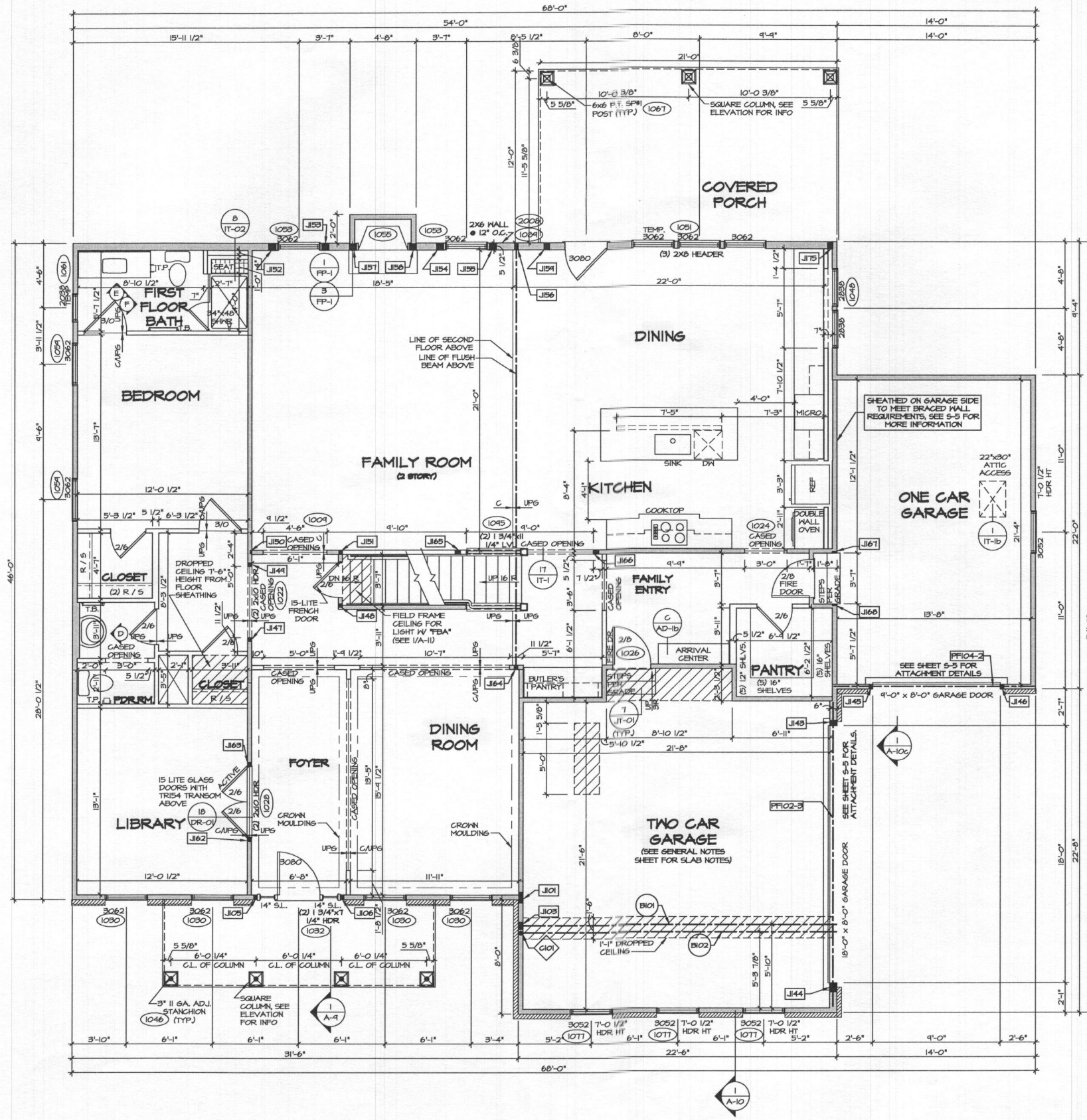
**NOTES:**

- 1/2" GYPSPUM WALL BOARD REQUIRED ON CEILING IN UNFINISHED AREAS WHEN NO SPRINKLER SYSTEM IS INSTALLED
- A MAXIMUM AREA OF 80 SQ FT MAY BE OMITTED AS NEEDED FOR INSTALLATION OF PLUMBING, ELECTRICAL, AND/OR HVAC (TYPICALLY AN 8'-0"x8'-0" CEILING SPACE ABOVE MECHANICAL AREA).
- PROVIDE FIRE BLOCKING AS REQUIRED AT PERIMETER OF ANY AREAS WHERE DRYWALL HAS BEEN OMITTED.

**LEGEND**

- BEARING WALL
  - NON BEARING WALL
  - ⊙ INDICATES BEARING FROM POINT-LOAD ABOVE
  - J JACKS
  - B BEAM/HEADER
  - F PAD FOOTING
  - C STEEL COLUMN
  - X PORTAL FRAME
  - X JOIST/TRUSS
  - L LVL
  - ⊙ ENGINEERING PAGE NUMBER
- SEE FC DETAILS FOR FRAMING CONNECTORS

SHEET NO. <b>A-6</b>	MODEL <b>STRATFORD HALL</b>	SET NO. 11600	REVISIONS
	DRAWING TITLE <b>BASEMENT FLOOR PLAN</b>	VERSION 01	REV. NO. DATE
OPTION DESCRIPTION	DRAWN BY <b>BIM</b>	01/24/17 TH - STANDARD DETAILS 5.0	
<b>27</b>	DATE:		
	OPTION		
NVR, Inc. owner, expressly warrants that the information contained in these plans, drawings, specifications, and other documents is true, correct, and complete to the best of our knowledge and belief at the time of preparation. No one shall be held liable for any errors or omissions in any form or manner whatsoever, nor shall we be held liable for any damages, including consequential damages, arising from the use of these plans, drawings, specifications, and other documents.		NVR, Inc. Architectural Services 5285 Westview Drive, Suite 100 Frederick, MD 21703	
C:\NVR\Software\STRATFORD_HALL_11600_01\MDE-B1E-0008\105459A\Stratford\Lot_Spec\10.27_A-6_BSMT_LS.dwg 12/18/18 - 8:15 pm			



1 Bedroom  
 Total Bedrooms = 5  
 'OK' *RB*  
 1/30/19

**FIRST FLOOR PLAN**  
 SCALE: 1/4" = 1'-0"

FOR NOTES AND SCHEDULES SEE PAGE A-7b

SHEET NO. <b>A-7</b>	MODEL <b>STRATFORD HALL</b>	SET NO. 11900	REV. NO. 1	DATE 1/24/17	REMARKS
	DRAWING TITLE <b>FIRST FLOOR PLAN</b>	VERSION 01	1/24/17 TH - STANDARD DETAILS 9.0		
OPTION DESCRIPTION	DATE: 4/16/16	NVR, Inc. reserves its common law copyright and all other rights in this drawing. No part of this drawing may be reproduced, stored, or copied in any form or manner whatsoever, without the prior written consent of NVR, Inc.			
29	OPTION	NVR, Inc. Architectural Services 5285 Westview Drive, Suite 100 Frederick, MD 21703			
C:\NVR\Software\STRATFORD_HALL_11900_01\WP-0008\105459A\Sheet\A-7_P1.NT.LS_PER_PLAN.dwg 12/18/18 - 8:15 AM					

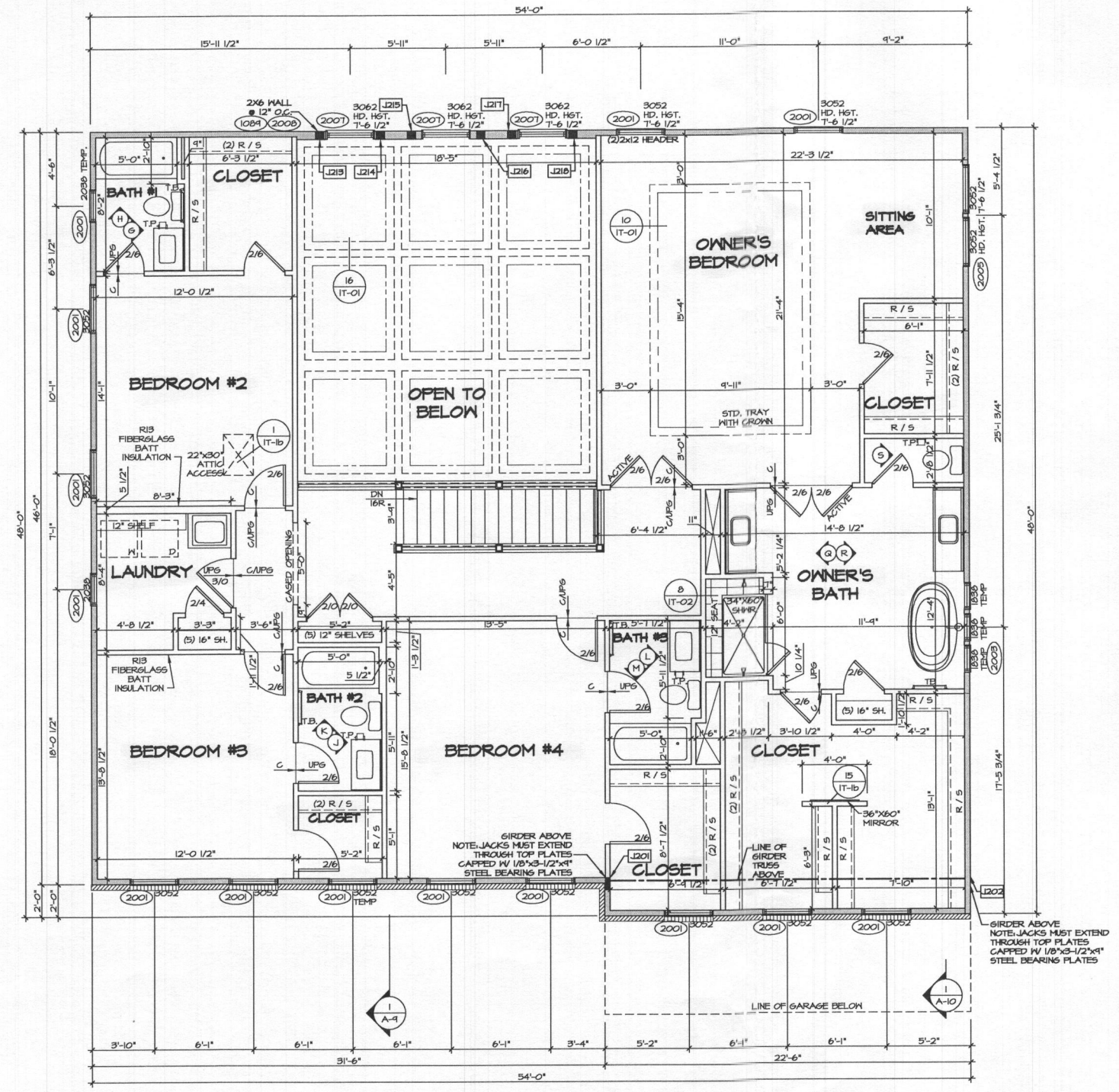
4 Bedrooms

- FLOOR PLAN NOTES**
- ALL HEADERS ARE (2) 2x6 W/ 2x4 WALLS OR (3) 2x6 W/ 2x6 WALLS, UNLESS OTHERWISE NOTED.
  - ALL HEADERS TO HAVE (1) 2x4 OR 2x6 JACK EACH END, UNLESS OTHERWISE NOTED.
  - ALL EXTERIOR WALLS TO BE 4" AND ALL INTERIOR WALLS TO BE 3 1/2", UNLESS OTHERWISE NOTED.
  - HATCHED AREAS INDICATE DROPPED CEILINGS. ALL DROPPED CEILINGS ARE 12" UNLESS OTHERWISE NOTED. SEE "BRACED WALL PANEL DETAIL SHEET" FOR SPECIAL WALL FRAMING LOCATIONS AND HEADER SIZES, IF APPLICABLE.
  - SEE STANDARD DETAIL CATEGORY "IT" SHEET(S) FOR INTERIOR TRIM DETAILS.
  - SEE ARCHITECTURAL DETAIL SHEET "AD" FOR HOUSE SPECIFIC INTERIOR TRIM OPTION TABLE.
  - ALL WINDOWS HAVE T-O 1/2" HEADER HEIGHT UNLESS OTHERWISE NOTED.
  - ALL CASED OPENINGS AT T-11", UNLESS OTHERWISE NOTED.

- LEGEND**
- BEARING WALL
  - NON BEARING WALL
  - INDICATES BEARING FROM POINT-LOAD ABOVE
  - JACKS
  - BEAM/HEADER
  - PAD FOOTINGS
  - STEEL COLUMN
  - PORTAL FRAME
  - JOIST/TRUSS
  - LVL
  - ENGINEERING PAGE NUMBER
- SEE FG DETAILS FOR FRAMING CONNECTORS

**SECOND FLOOR JACK SCHEDULE**

IDENTIFIER	DESCRIPTION	OPTIONS	ENG. N.M.	REMARKS
J201	JACK - (6) 2X4 SFFM		2008	
J202	JACK - (6) 2X4 SFFM		2008	
J213	JACK - (4) 2X6 SFF #2 STUD GRADE		2007	FULL HEIGHT STUDS
J214	JACK - (4) 2X6 SFF #2 STUD GRADE		2007	FULL HEIGHT STUDS
J215	JACK - (4) 2X6 SFF #2 STUD GRADE		2007	FULL HEIGHT STUDS
J216	JACK - (4) 2X6 SFF #2 STUD GRADE		2007	FULL HEIGHT STUDS
J217	JACK - (4) 2X6 SFF #2 STUD GRADE		2007	FULL HEIGHT STUDS
J218	JACK - (4) 2X6 SFF #2 STUD GRADE		2007	FULL HEIGHT STUDS



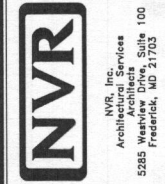
Total Bedrooms = 5  
'OK' vab 1/30/19

**SECOND FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

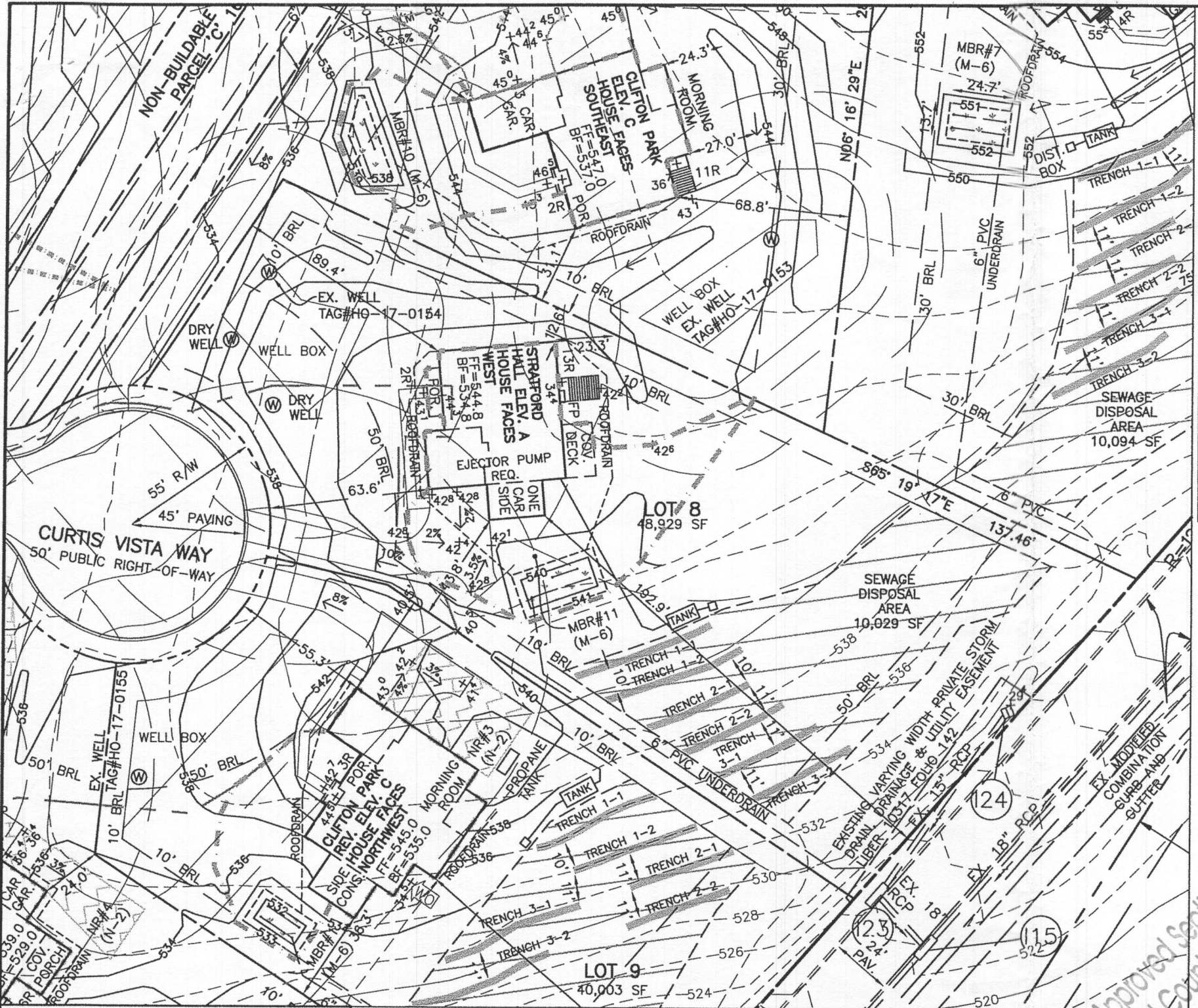
REVISIONS

REV. NO.	DATE	DESCRIPTION
1	01/24/17	TM - STANDARD DETAILS 9.0

NVR, Inc., owner, expressly reserves its copyright in the drawings and plans. These plans are not to be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written consent of NVR, Inc.



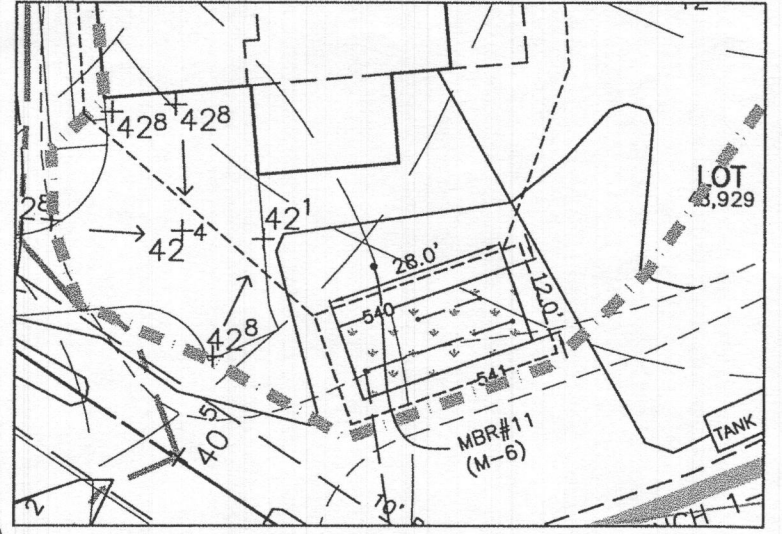
MODEL: STRATFORD HALL  
DRAWING TITLE: SECOND FLOOR PLAN  
SHEET NO.: A-9  
DATE: 12/18/18  
OPTION DESCRIPTION: 32.1



**LEGEND**

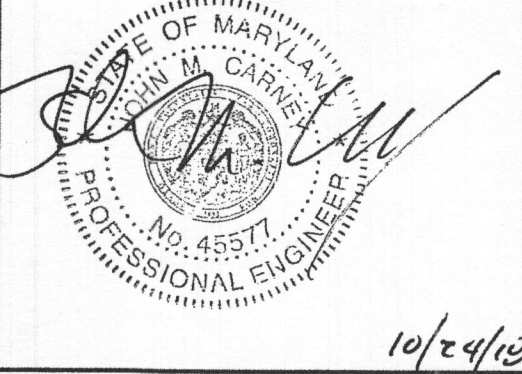
SOILS CLASSIFICATION	GgC
SOILS DELINEATION	—
PROPOSED CONTOURS	— 480
EXISTING CONTOURS	- - - 480
LIMIT OF WETLANDS	~
EXISTING WOODS LINE	~
PROPOSED WOODS LINE	~
EXISTING STRUCTURE	[ ]
EXISTING WELL	⊙
EXISTING WELL BOX	[ ]
EXISTING SEWAGE DISPOSAL AREA	[ ]
EXISTING PRIVATE PIPE LINE EASEMENT AREA	[ ]

- BUILDING PERMIT PLAN NOTES:**
1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR BRIGHTON MILL II, PLAT Nos. 24469-24474. REFER TO THE PLATS FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND CONDITIONS.
  2. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD COUNTY HEALTH DEPARTMENT.
  3. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED ROAD CONSTRUCTION PLANS AND TOPOGRAPHIC INFORMATION PROVIDED BY F-17-054, ON OR ABOUT MAY, 2017. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
  4. ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS EXCEPT AS WAIVED.
  5. THE EXISTING WELL SHOWN ON THIS PLAN, HO-17-0156, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC., AND IS ACCURATELY SHOWN.
  6. THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
  7. ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA OR WELL BOX SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
  8. STORMWATER MANAGEMENT FOR THIS LOT WAS DESIGNED AND PROVIDED BY ONE MICRO-BIORETENTION FACILITY AND THE BIORETENTION FACILITY ON PARCEL B. MICRO-BIORETENTION SHALL HAVE EITHER A 4" OR 6" ROOF LEADER DEPENDING ON ROOF-TOP AREA.
  9. THE SEPTIC TANK WILL HAVE A 2000 GALLON 2 COMPARTMENT TANK.



**MBR-11 (M-6) DETAIL**  
1" = 30'

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. 45577, Expiration Date: 06-08-2020.



**PLAN VIEW**  
1" = 50'

<b>BUILDER:</b> NV HOMES, INC. 9720 PATUXENT WOODS DRIVE SUITE 100 COLUMBIA, MD 21046 410-379-5956	<b>OWNER:</b> HIGHLAND DEVELOPMENT CORP P.O. BOX 228 CLARKSVILLE, MARYLAND 21029 410-365-0414
---	---

**BENCHMARK**  
ENGINEERS LAND SURVEYORS PLANNERS  
**ENGINEERING, INC.**  
8480 BALTIMORE NATIONAL PIKE SUITE 315  
ELLCOTT CITY, MARYLAND 21043  
(P) 410-465-6105 (F) 410-465-6644  
WWW.BEI-CVILENGINEERING.COM

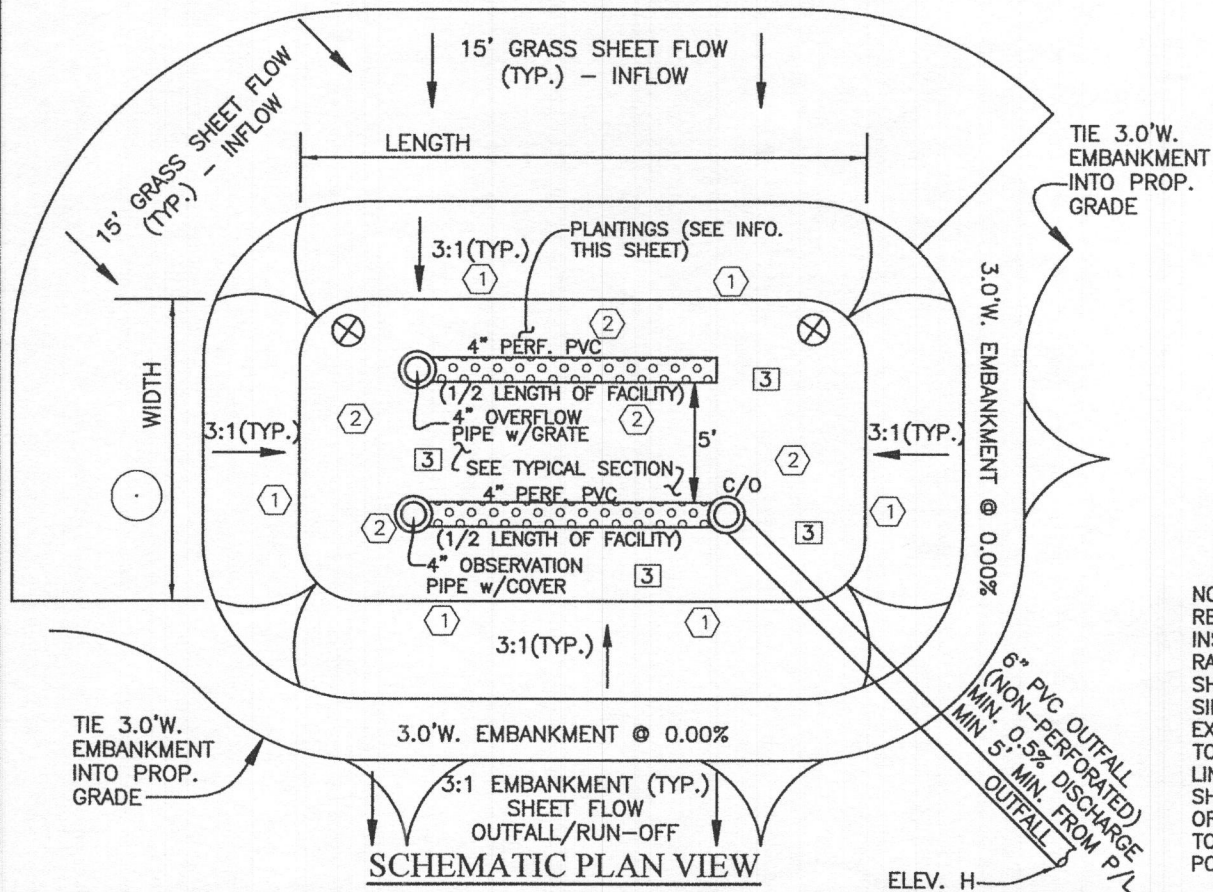
*Approved Septic System Plan  
Howard County Health Department  
5- Bed room SF D  
w/ finished basement  
2/1/2019 Date  
B19000139*

<b>PROJECT:</b> BRIGHTON MILL II LOT 8	
<b>LOCATION:</b> TAX MAP: 34, GRID: 2, PARCEL: 16 ZONED: RR-DEO 13618 CURTIS VISTA WAY CLARKSVILLE, MD 21029 FIFTH ELECTION DISTRICT, HOWARD COUNTY, MD, TAX ID #600589	
<b>TITLE:</b> BUILDING PERMIT PLAN	
<b>HOUSE TYPE:</b> STRATFORD HALL - ELEVATION A	
<b>DATE:</b> OCTOBER, 2018	<b>PROJECT NO.</b> 2627
<b>SCALE:</b> AS SHOWN	<b>DRAWING</b> 1 <b>OF</b> 2

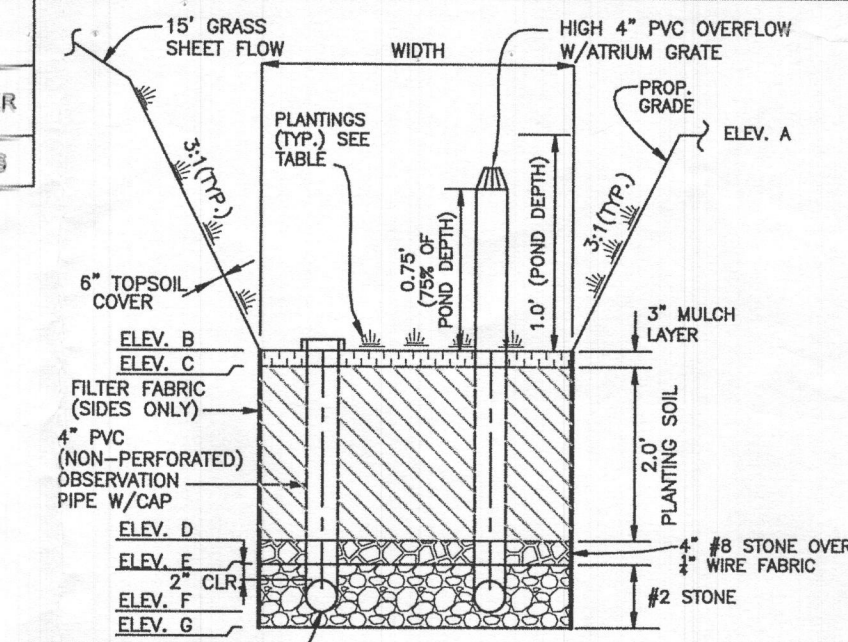
ON-LOT BIORETENTION DIMENSIONS

FACILITY	A	B	C	D	E	F	G	H	LENGTH	WIDTH	FILTER (Af)	PLANTINGS			LINER
												1	2	3	
MBR-11	541.00	540.00	539.75	537.75	537.42	536.92	535.52	526.00	28.0	12.0	336	75	75	37	YES

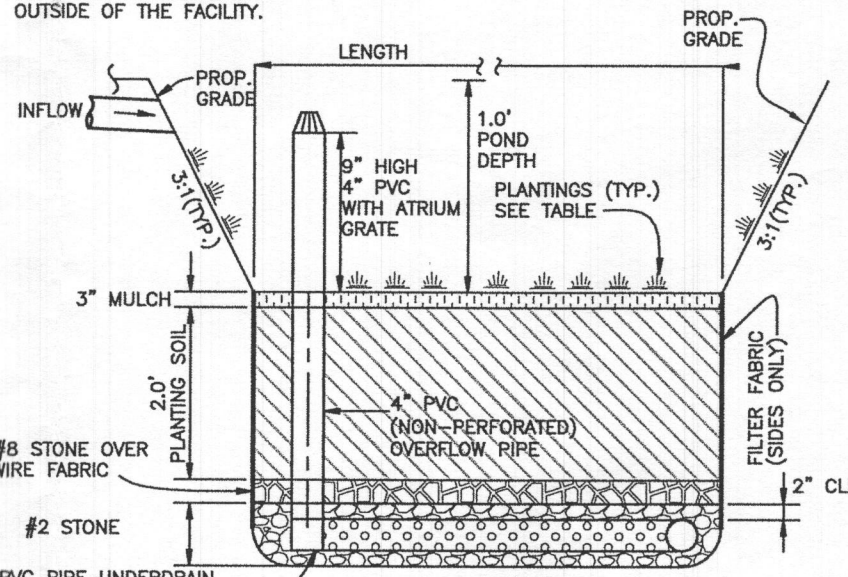
ADDITIONAL  
2 SHRUBS  
+ 1 TREE



NOTE: IMPERMEABLE LINER REQUIRED WHEN FACILITY IS INSTALLED IN THE 100' WELL RADIUS. THIS LINING SHOULD INCLUDE ENTIRE SIDES AND BOTTOM OF THE EXCAVATION AND EXTEND TO TOP OF EMBANKMENT. LINING ON SIDE SLOPES SHALL BE BELOW A MINIMUM OF 6" OF TOP SOIL LINING TO BE CLAY OR 30 MIL POND LINER



TYPICAL PROFILE



TYPICAL SECTION  
MICRO-BIORETENTION DETAILS  
NOT TO SCALE

MICROBIORETENTION PLANTING SCHEDULE

- (PLANTING SPECIES AND DENSITY CAN BE CHANGED OR SUBSTITUTED BY A LANDSCAPE ARCHITECT OR QUALIFIED DESIGNER)
- 1 IRIS FULVA (COPPER IRIS) (1 PER SY)
  - 2 LOBELIA CARDINALIS (CARDINAL FLOWER) (1 PER SY)
  - 3 RUBBECKIA SUBTOMENTOSA (SWEET CONEFLOWER) (1 PER 2 SY)
  - ⊗ CALLUNA VULGARIS (HEATHER) (1 PER FACILITY)
  - ACER GINNALA (ARMUR MAPLE) (1 PER FACILITY)

MICROBIORETENTION PLANTING DATA

- PLANTINGS WITHIN THE PONDING AREA OF THE FACILITY ARE TO BE OF A MEDIUM TO HIGH WATER TOLERANCE
- PLANTINGS ALONG THE PERIMETER (BERM) AREA OF THE FACILITY ARE TO BE OF A LOW TO MEDIUM WATER TOLERANCE
- AVOID PLANTINGS WITH EXCESSIVE ROOT MASS IN POND AREA OF THE RAIN GARDEN NEAR O.B. PIPE AND UNDERDRAIN.

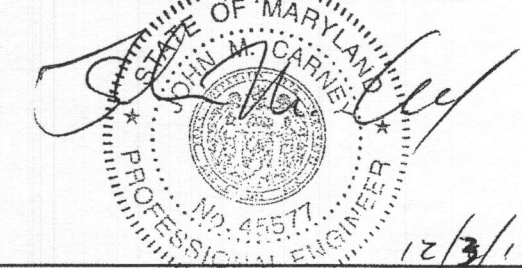
OPERATION AND MAINTENANCE SCHEDULE FOR MICRO-BIORETENTION (M-6)

FOR THE OPERATION AND MAINTENANCE OBLIGATIONS AND SCHEDULE, REFER TO THE DECLARATION OF COVENANTS RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY MARYLAND FOR THIS LOT.

OPERATION AND MAINTENANCE SCHEDULE FOR PRIVATELY OWNED AND MAINTAINED DISCONNECTION OF NON-ROOFTOP RUNOFF (N-2)

FOR THE OPERATION AND MAINTENANCE OBLIGATIONS AND SCHEDULE, REFER TO THE DECLARATION OF COVENANTS RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY MARYLAND FOR THIS LOT.

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. 45577, Expiration Date: 06-08-2020.



BUILDER:

NV HOMES, INC.  
9720 PATUXENT WOODS DRIVE  
SUITE 100  
COLUMBIA, MD 21046  
410-379-5956

OWNER:

HIGHLAND DEVELOPMENT CORP  
P.O. BOX 228  
CLARKSVILLE, MARYLAND 21029  
410-365-0414

BENCHMARK

ENGINEERS LAND SURVEYORS PLANNERS

ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE, SUITE 315  
ELICOTT CITY, MARYLAND 21043  
(P) 410-465-8105 (F) 410-465-6644

WWW.BEI-CIVILENGINEERING.COM

PROJECT:	BRIGHTON MILL II LOT 8	
LOCATION:	TAX MAP: 34, GRID: 2, PARCEL: 16 ZONED: RR-DEO 13618 CURTIS VISTA WAY CLARKSVILLE, MD 21029 FIFTH ELECTION DISTRICT, HOWARD COUNTY, MD, TAX ID #600589	
TITLE:	BUILDING PERMIT PLAN	
HOUSE TYPE:	STRATFORD HALL - ELEVATION A	
DATE:	OCTOBER, 2018	PROJECT NO. 2627
SCALE:	AS SHOWN	DRAWING 2 OF 2

MATERIALS & SPECIFICATIONS FOR MICRO-BIORETENTION

MATERIAL	SPECIFICATION	SIZE	NOTES:
PLANTINGS	SEE APPENDIX A; TABLE A.4	N/A	PLANTINGS ARE SITE SPECIFIC
PLANTING SOIL (2.0' TO 4.0' 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	N/A	AGED 6 MONTHS, MINIMUM, NO PINE OR WOOD CHIPS
GEOTEXTILE (CLASS "C")		N/A	PE TYPE 1 NONWOVEN
GEOTEXTILE (1/4" WIRE MESH)		1/4" WIRE MESH	1/4" WIRE MESH
UNDERDRAIN GRAVEL	AASHTO M-43	NO. 57 OR NO. 6 0.375" TO 0.750"	
UNDERDRAIN PIPING	F758, TYPE PS28 OR AASHTO M-278	4" TO 6" RIGID SCH.40 PVC, SDR35 OR HDPE	3/8" PERF. @ 6" O/C, 4 HOLES PER ROW; MINIMUM OF 3" OF GRAVEL OVER PIPES, NOT NECESSARY UNDERNEATH PIPES. PIPE SHALL BE WRAPPED WITH 1/4-INCH GALVANIZED HARDWARE CLOTH
IMPERVIOUS LINER	ASTM-D-4833 (THICKNESS) ASTM-D-412 (TENSILE STRENGTH 1,100 LB., ELONGATION 200%) ASTM-D-624 (TEAR RESISTANCE - 150 LB./IN) ASTM-D-471 (WATER ADSORPTION: +8 TO -2% MASS)	30 MIL. THICK	LINER TO BE ULTRAVIOLET RESISTANT. A GEOTEXTILE FABRIC SHOULD BE USED TO PROTECT THE LINER FROM PUNCTURE.
GEOTEXTILE (BELOW IMPERV. LINER)	ASTM-D-4833 (PUNCTURE STRENGTH 125LB) ASTM-D-4632 (TENSILE STRENGTH 300 LB.)		



# HEALTH

## 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: 2/19/19

Permit No.: B1900042

Building Address: 13618 CURTIS VISTA WAY  
 City: CLARKSVILLE State: MD Zip Code: 21029  
 Suite/Apt. # \_\_\_\_\_ SDP/WP/BA #: \_\_\_\_\_  
 Census Tract: \_\_\_\_\_ Subdivision: Brighton null  
 Section: \_\_\_\_\_ Area: \_\_\_\_\_ Lot: 8  
 Tax Map: \_\_\_\_\_ Parcel: \_\_\_\_\_ Grid: \_\_\_\_\_  
 Zoning: \_\_\_\_\_ Map Coordinates: \_\_\_\_\_ Lot Size: 48,000 SF

Existing Use: SFD  
 Proposed Use: SFD W/PROPANE TANK  
 Estimated Construction Cost: \$ 4,000  
 Description of Work: INSTALL 1000 GAL UNDERGROUND PROPANE TANK

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

Commercial Building Characteristics	Residential Building Characteristics
Height:	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse
No. of stories:	Depth Width
Gross area, sq. ft./floor:	1 <sup>st</sup> floor:
	2 <sup>nd</sup> floor:
Area of construction (sq. ft.):	Basement:
	<input 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

Property Owner's Name: HIGHLAND DEVELOPMENT CORP  
 Address: PO BOX 228  
 City: CLARKSVILLE State: MD Zip Code: 21029  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

Applicant's Name & Mailing Address, (If other than stated herein)  
 Applicant's Name: MICHELLE CLANCY  
 Address: PO BOX 310  
 City: PERRY HALL State: MD Zip Code: 21128  
 Phone: 443-610-7514 Fax: \_\_\_\_\_  
 Email: MICHELLE@APPLIEDANDAPPROVED.COM

Contractor Company: TECH AIR  
 Contact Person: DENNIS FEAGA  
 Address: 1560 A-D CATON CENTER DRIVE  
 City: BALTIMORE State: MD Zip Code: 21227  
 License No.: 81215  
 Phone: 410-984-5681 Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

Engineer/Architect Company: CONTRACTOR  
 Responsible Design Prof.: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

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

RECEIVED  
FEB 19 2019

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.

MICHELLE CLANCY  
 Applicant's Signature  
MICHELLE@APPLIEDANDAPPROVED.COM  
 Email Address  
PERMITS  
 Title/Company

MICHELLE CLANCY  
 Print Name  
2/19/19  
 Date

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>2/27/19</u>	<u>[Signature]</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	\$
Permit Fee	\$ <u>100</u>
Tech Fee	\$ <u>10</u>
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$ <u>110.00</u>
Sub- Total Paid	\$
Balance Due	\$
Check	# <u>6892</u>

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



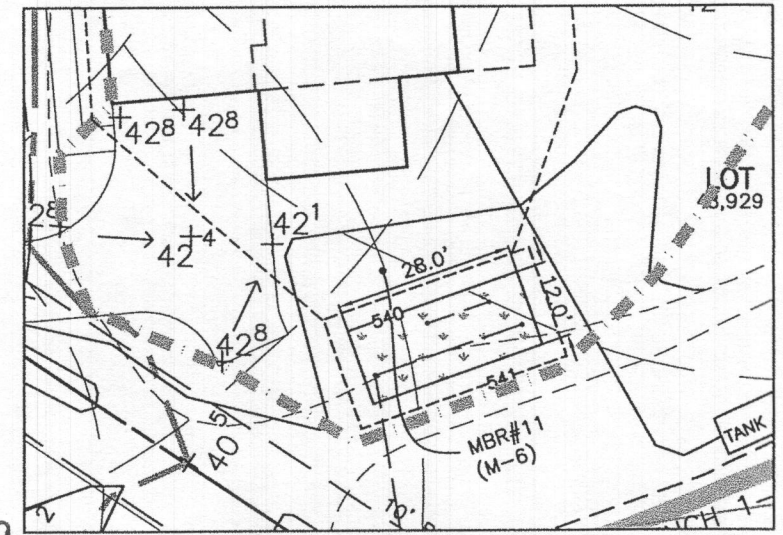




**LEGEND**

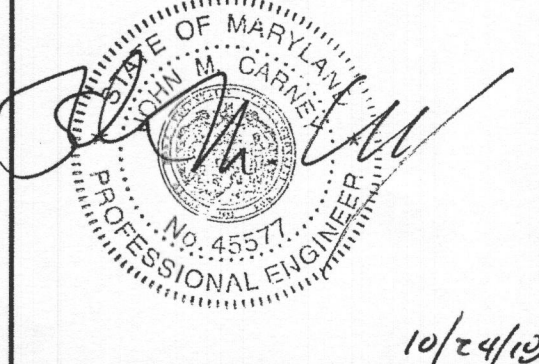
SOILS CLASSIFICATION	GgC
SOILS DELINEATION	—
PROPOSED CONTOURS	—480— —478—
EXISTING CONTOURS	—480— - - -478-
LIMIT OF WETLANDS	—
EXISTING WOODS LINE	—
PROPOSED WOODS LINE	—
EXISTING STRUCTURE	—
EXISTING WELL	⊙
EXISTING WELL BOX	□
EXISTING SEWAGE DISPOSAL AREA	—
EXISTING PRIVATE PIPE LINE EASEMENT AREA	—

- BUILDING PERMIT PLAN NOTES:**
1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR BRIGHTON MILL II, PLAT Nos. 24469-24474. REFER TO THE PLATS FOR LOT DIMENSIONS, LOT AREAS, ALL EAEMENTS AND CONDITIONS.
  2. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION
  3. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED ROAD CONSTRUCTION PLANS AND TOPOGRAPHIC INFORMATION PROVIDED BY F-17-054, ON OR ABOUT MAY, 2017. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
  4. ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS EXCEPT AS WAIVED.
  5. THE EXISTING WELL SHOWN ON THIS PLAN, HO-17-0156, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC., AND IS ACCURATELY SHOWN.
  6. THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
  7. ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA OR WELL BOX SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
  8. STORMWATER MANAGEMENT FOR THIS LOT WAS DESIGNED AND PROVIDED BY ONE MICRO-BIORETENTION FACILITY AND THE BIORETENTION FACILITY ON PARCEL B. MICRO-BIORETENTION SHALL HAVE EITHER A 4" OR 6" ROOF LEADER DEPENDING ON ROOF-TOP AREA.
  9. THE SEPTIC TANK WILL HAVE A 2000 GALLON 2 COMPARTMENT TANK.



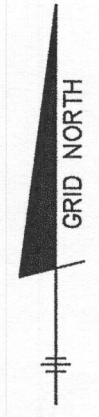
**MBR-11 (M-6) DETAIL**  
1" = 30'

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. 45577, Expiration Date: 06-08-2020.



10/24/19

**PLAN VIEW**  
1" = 50'



<b>BUILDER:</b> NV HOMES, INC. 9720 PATUXENT WOODS DRIVE SUITE 100 COLUMBIA, MD 21046 410-379-5956	<b>OWNER:</b> HIGHLAND DEVELOPMENT CORP P.O. BOX 228 CLARKSVILLE, MARYLAND 21029 410-365-0414
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**BENCHMARK**  
ENGINEERS LAND SURVEYORS PLANNERS  
**ENGINEERING, INC.**  
8480 BALTIMORE NATIONAL PIKE SUITE 315  
ELICOTT CITY, MARYLAND 21043  
(P) 410-465-6105 (F) 410-465-6644  
WWW.BE-CMILENGINEERING.COM

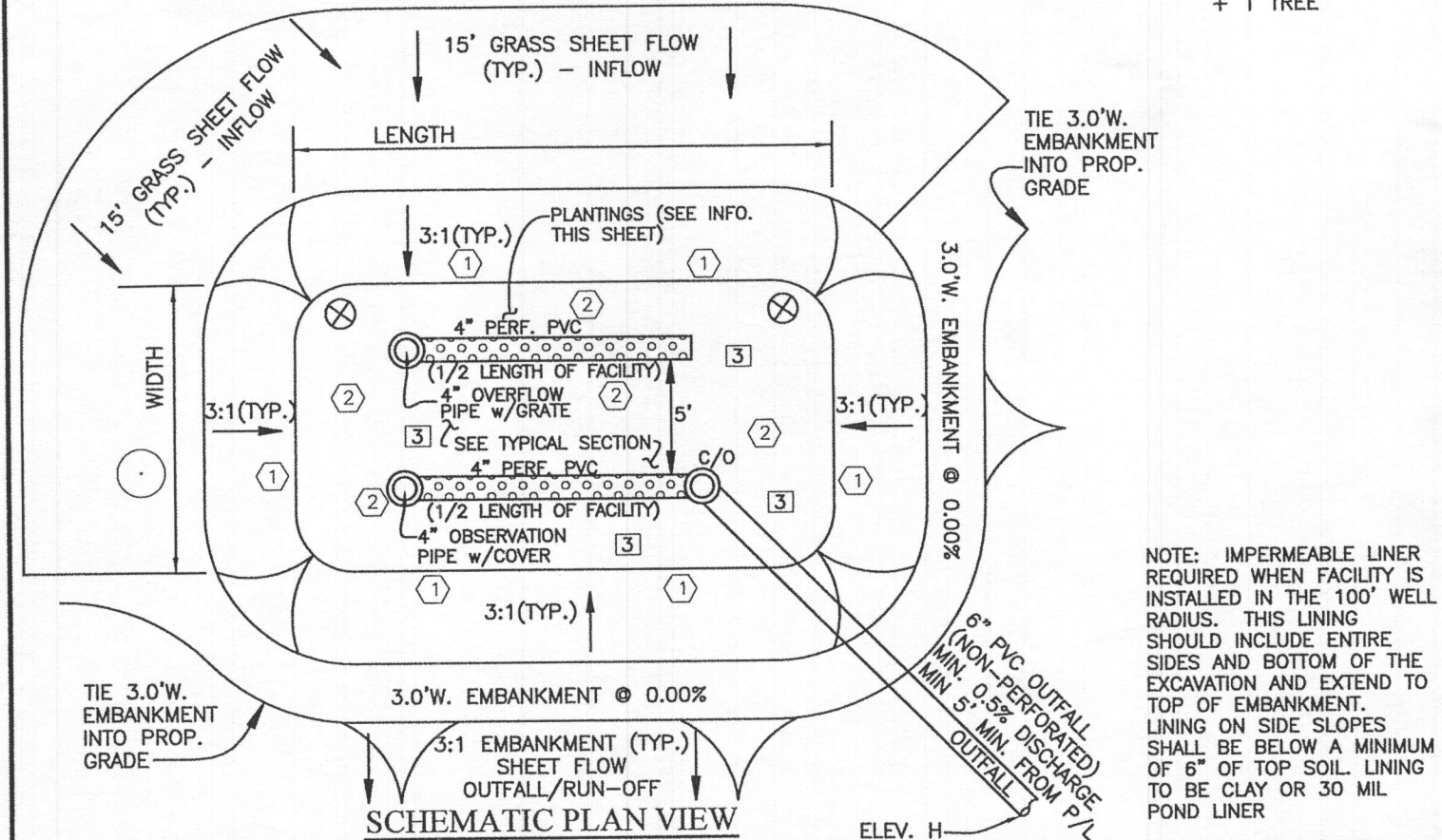
*Approved Septic System Plan  
Howard County Health Department  
5 Bed room 5FD  
w/ finished basement  
B19000139  
Date 2/1/2019*

<b>PROJECT:</b> BRIGHTON MILL II LOT 8	
<b>LOCATION:</b> TAX MAP: 34, GRID: 2, PARCEL: 16 ZONED: RR-DEO 13618 CURTIS VISTA WAY CLARKSVILLE, MD 21029 FIFTH ELECTION DISTRICT, HOWARD COUNTY, MD, TAX ID #600589	
<b>TITLE:</b> BUILDING PERMIT PLAN	
<b>HOUSE TYPE:</b> STRATFORD HALL - ELEVATION A	
<b>DATE:</b> OCTOBER, 2018	<b>PROJECT NO.</b> 2627
<b>SCALE:</b> AS SHOWN	<b>DRAWING</b> 1 OF 2

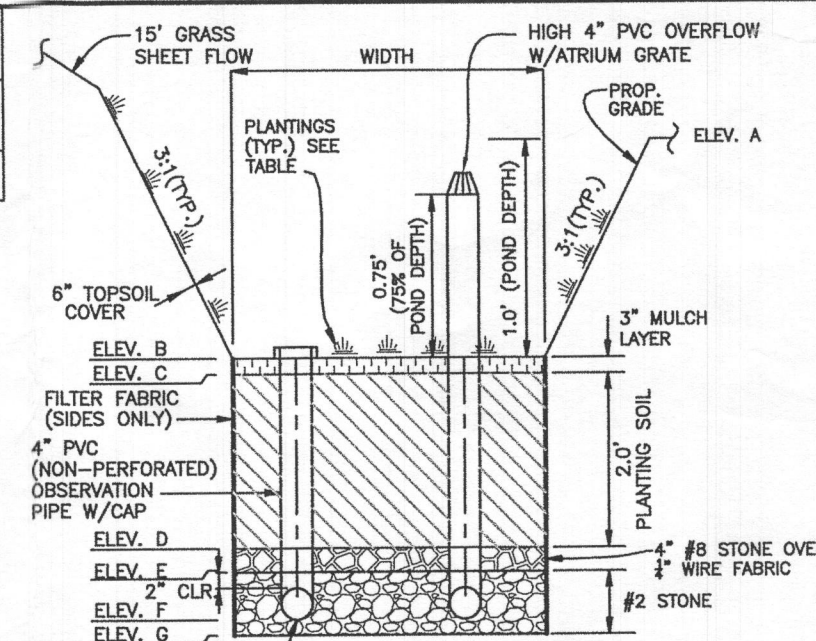
### ON-LOT BIORETENTION DIMENSIONS

FACILITY	A	B	C	D	E	F	G	H	LENGTH	WIDTH	FILTER (A#)	PLANTINGS			LINER
												①	②	③	
M&R-11	541.00	540.00	539.75	537.75	537.42	536.92	535.52	526.00	28.0	12.0	336	75	75	37	YES

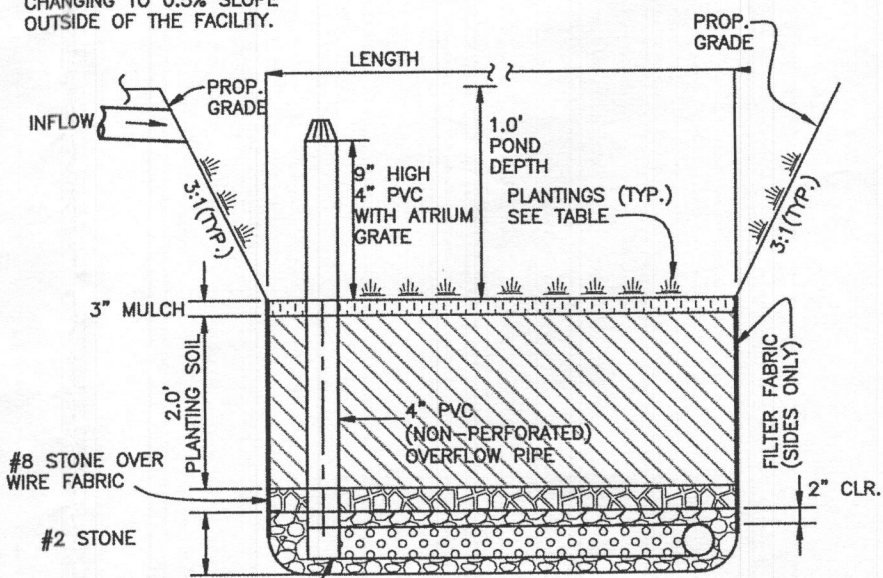
ADDITIONAL  
2 SHRUBS  
+ 1 TREE



NOTE: IMPERMEABLE LINER REQUIRED WHEN FACILITY IS INSTALLED IN THE 100' WELL RADIUS. THIS LINING SHOULD INCLUDE ENTIRE SIDES AND BOTTOM OF THE EXCAVATION AND EXTEND TO TOP OF EMBANKMENT. LINING ON SIDE SLOPES SHALL BE BELOW A MINIMUM OF 6\"/>



TYPICAL PROFILE



TYPICAL SECTION

### MICRO-BIORETENTION DETAILS

NOT TO SCALE

### MICROBIORETENTION PLANTING SCHEDULE

- (PLANTING SPECIES AND DENSITY CAN BE CHANGED OR SUBSTITUTED BY A LANDSCAPE ARCHITECT OR QUALIFIED DESIGNER)
- ① IRIS FULVA (COPPER IRIS) (1 PER SY)
  - ② LOBELIA CARDINALIS (CARDINAL FLOWER) (1 PER SY)
  - ③ RUDBECKIA SUBTOMENTOSA (SWEET CONEFLOWER) (1 PER 2 SY)
  - ⊗ CALLUNA VULGARIS (HEATHER) (1 PER FACILITY)
  - ACER GINNALA (ARMUR MAPLE) (1 PER FACILITY)

### MICROBIORETENTION PLANTING DATA

- PLANTINGS WITHIN THE PONDING AREA OF THE FACILITY ARE TO BE OF A MEDIUM TO HIGH WATER TOLERANCE
- PLANTINGS ALONG THE PERIMETER (BERM) AREA OF THE FACILITY ARE TO BE OF A LOW TO MEDIUM WATER TOLERANCE
- AVOID PLANTINGS WITH EXCESSIVE ROOT MASS IN POND AREA OF THE RAIN GARDEN NEAR O.B. PIPE AND UNDERDRAIN.

### OPERATION AND MAINTENANCE SCHEDULE FOR MICRO-BIORETENTION (M-6)

FOR THE OPERATION AND MAINTENANCE OBLIGATIONS AND SCHEDULE, REFER TO THE DECLARATION OF COVENANTS RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY MARYLAND FOR THIS LOT.

### OPERATION AND MAINTENANCE SCHEDULE FOR PRIVATELY OWNED AND MAINTAINED DISCONNECTION OF NON-ROOFTOP RUNOFF (N-2)

FOR THE OPERATION AND MAINTENANCE OBLIGATIONS AND SCHEDULE, REFER TO THE DECLARATION OF COVENANTS RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY MARYLAND FOR THIS LOT.

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. 45577, Expiration Date: 06-08-2020.



**BUILDER:**  
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410-379-5956

**OWNER:**  
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ELLCOTT CITY, MARYLAND 21043  
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WWW.BEI-CMLENGINEERING.COM

### MATERIALS & SPECIFICATIONS FOR MICRO-BIORETENTION

MATERIAL	SPECIFICATION	SIZE	NOTES:
PLANTINGS	SEE APPENDIX A; TABLE A.4	N/A	PLANTINGS ARE SITE SPECIFIC
PLANTING SOIL (2.0' TO 4.0' 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	N/A	AGED 6 MONTHS, MINIMUM, NO PINE OR WOOD CHIPS
GEOTEXTILE (CLASS "C")		N/A	PE TYPE 1 NONWOVEN
GEOTEXTILE (1/4" WIRE MESH)		1/4" WIRE MESH	1/4" WIRE MESH
UNDERDRAIN GRAVEL	AASHTO M-43	NO. 57 OR NO. 6 0.375" TO 0.750"	
UNDERDRAIN PIPING	F758, TYPE PS28 OR AASHTO M-278	4" TO 6" RIGID SCH.40 PVC, SDR35 OR HDPE	3/8" PERF. @ 6" O/C, 4 HOLES PER ROW; MINIMUM OF 3" OF GRAVEL OVER PIPES, NOT NECESSARY UNDERNEATH PIPES. PIPE SHALL BE WRAPPED WITH 1/4-INCH GALVANIZED HARDWARE CLOTH
IMPERVIOUS LINER	ASTM-D-4833 (THICKNESS) ASTM-D-412 (TENSILE STRENGTH 1,100 LB., ELONGATION 200%) ASTM-D-624 (TEAR RESISTANCE - 150 LB./IN) ASTM-D-471 (WATER ADSORPTION: +8 TO -2% MASS)	30 MIL THICK	LINER TO BE ULTRAVIOLET RESISTANT. A GEOTEXTILE FABRIC SHOULD BE USED TO PROTECT THE LINER FROM PUNCTURE.
GEOTEXTILE (BELOW IMPERV. LINER)	ASTM-D-4833 (PUNCTURE STRENGTH 125LB) ASTM-D-4632 (TENSILE STRENGTH 300 LB.)		

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LOCATION:	TAX MAP: 34, GRID: 2, PARCEL: 16 ZONED: RR-DEO 13618 CURTIS VISTA WAY CLARKSVILLE, MD 21029 FIFTH ELECTION DISTRICT, HOWARD COUNTY, MD, TAX ID #600589	
TITLE:	BUILDING PERMIT PLAN	
HOUSE TYPE:	STRATFORD HALL - ELEVATION A	
DATE:	OCTOBER, 2018	PROJECT NO. 2627
SCALE:	AS SHOWN	DRAWING 2 OF 2