



# 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: \_\_\_\_\_

Permit No.: B15003067

Building Address: 6517 HEATHER GLEN WAY  
 City: CLARKEVILLE State: MD Zip Code: 21029  
 Suite/Apt. # \_\_\_\_\_ SDP/WP/BA #: \_\_\_\_\_  
 Subdivision: WILLOW FORD  
 Lot: 7 Tax Map: \_\_\_\_\_ Parcel: 494

Existing Use: VACANT LOT  
 Proposed Use: NEW EPD  
 Estimated Construction Cost: \$ 600,000  
 Description of Work: 2 BR, 2 BATH, 1 MO, SCRAP, 1 FP, UNFINISHMT, OPT. DECK

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

Property Owner's Name: GREENFIELD HOMES INC  
 Address: 6050 LIPPER DR  
 City: HAGERSTOWN State: MD Zip Code: 21177  
 Phone: 410-365-3702 Fax: \_\_\_\_\_  
 Email: FAMILY@GCOMAST.NET

Applicant's Name & Mailing Address, (If other than stated herein)  
 Applicant's Name: SMC  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

Contractor Company: GREENFIELD HOMES INC  
 Contact Person: FICK MINOR  
 Address: AS ABOVE  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 License No.: HDG 361  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

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

Commercial Building Characteristics	Residential Building Characteristics
Height:	<input type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse
No. of stories:	Depth Width
Gross area, sq. ft./floor:	1st floor: <u>63-6 6-10</u>
Area of construction (sq. ft.):	2nd floor: <u>63-6 6-7-0</u>
Use group:	Basement: <u>4-1-0 6-1-0</u>
<b>Construction type:</b>	<input type="checkbox"/> Finished Basement
<input type="checkbox"/> Reinforced Concrete	<input type="checkbox"/> Unfinished Basement
<input type="checkbox"/> Structural Steel	<input type="checkbox"/> Crawl Space
<input type="checkbox"/> Masonry	<input type="checkbox"/> Slab on Grade
<input type="checkbox"/> Wood Frame	No. of Bedrooms: <u>5</u>
<input type="checkbox"/> State Certified Modular	<b>Multi-family Dwelling</b>
<input checked="" type="checkbox"/> Roadside Tree Project Permit	No. of efficiency units:
<input type="checkbox"/> Yes <input type="checkbox"/> No	No. of 1 BR units:
Roadside Tree Project Permit #	No. of 2 BR units:
	No. of 3 BR units:
	Other Structure:
	Dimensions:
	Footings:
	Roof:
	<input type="checkbox"/> State Certified Modular
	<input type="checkbox"/> Manufactured Home

Utilities
Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gas: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Water Supply</b>
<input type="checkbox"/> Public
<input checked="" type="checkbox"/> Private
<b>Sewage Disposal</b>
<input type="checkbox"/> Public
<input checked="" type="checkbox"/> Private
<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 type="checkbox"/> Yes <input type="checkbox"/> No
Grading Permit Number: _____
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: \_\_\_\_\_  
 Email Address: FAMILY@GCOMAST.NET  
 Title/Company: SMC

Print Name: FICK MINOR  
 Date: 8-28-18

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

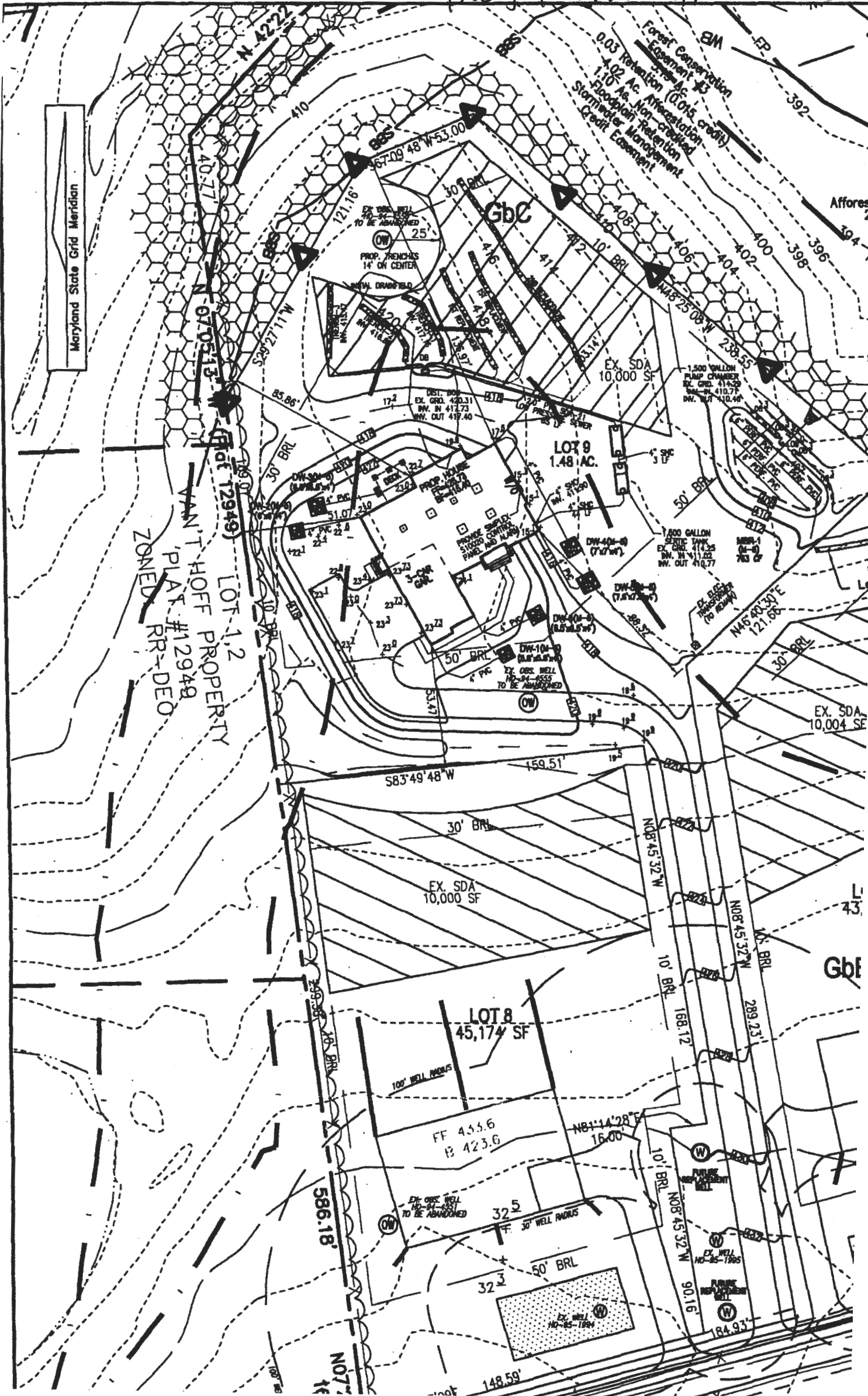
AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA ( Zoning )		
PSZA ( Engineering )		
Health	<u>10/16/2018</u>	<u>[Signature]</u>

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	\$ <u>100</u>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$ <u>50</u>
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	# <u>13800</u>

Plot Plan submitted with  
Bldg. Permit Application



Approved RMT  
6/2/2020

GREENFIELD HOMES INC.  
6656 Luster Drive  
Highland, Maryland 20777  
#410-365-3702  
[raminor@comcast.net](mailto:raminor@comcast.net)

KI  
RECEIVED  
PLANNING DIVISION

ATTN: Plan Review.

5-5-20

RE: B18003067 / 6517 Heather Glen Way, Clarksville 21029  
Amend Permit to include Partially Finished Basement

This is Rick Minor with Greenfield Homes, requesting to amend the building permit to partially finish the basement.

The finished area includes:  
Approximately 1,173 square feet  
1 Powder Room  
1 Full Bath  
1 Recreation Room  
1 Bedroom with Walk In Closet

The exterior footprint remains the same  
There are no additional windows or doors added, all windows and doors are from original construction with egress windows in bedroom and patio door in rec. room

Thank you,



Rick Minor  
410-365-3702  
[Raminor@comcast.net](mailto:Raminor@comcast.net)

CC: Heather  
PIZ

## Freemon, Robert

---

**From:** Williams, Jeffrey  
**Sent:** Monday, October 15, 2018 3:35 PM  
**To:** 'Rick Minor'  
**Cc:** Freemon, Robert  
**Subject:** RE: Spencer contact info / B18003067 / 6517 Heather Glen Way

We can release everything now for 5 bedrooms to get you started and if you want to increase to 6 bedrooms on the septic design before installation, we will just need the revised design plan before we issue the septic permit. If you end up staying with 5 bedrooms, just make sure the future homeowners are aware of that, so they don't get surprised by us when they go to finish the basement in the future. I'll tell Spencer to approve the building permit as-is and we'll keep this email in the file. Thanks

Jeff

---

**From:** Rick Minor [mailto:raminor@comcast.net]  
**Sent:** Monday, October 15, 2018 3:07 PM  
**To:** Williams, Jeffrey  
**Cc:** Freemon, Robert  
**Subject:** Re: Spencer contact info / B18003067 / 6517 Heather Glen Way

Jeff

Thank you for the informative reply. This is a spec house that we are building, where at this time do not know who the buyer may be. I have contacted Vogel to see what may be required should we want to make this a 6 bedroom. They are telling me that we should need the septic tank increased from 1500 to 2000 gallons, and approximately 21 lf of trench. I haven't been able to get a timeframe and cost of the engineering from them, as well as definitive calculations. We also need to then get from Hatfields what additional costs this may be. If we wanted to have the permit released as is, what would be required from you (health department) should we decide to go with the 6th bedroom? Would this be for Vogel to revise septic plan? Could I get permit released so I could at least start the house and then do the revision prior to installing the septic.

Thanks for your help  
Rick

On Oct 3, 2018, at 8:38 AM, Williams, Jeffrey <[jewilliams@howardcountymd.gov](mailto:jewilliams@howardcountymd.gov)> wrote:

Hi Rick.

Robert Spencer Freemon is the reviewer of the building permit. Robert Bricker approved the OSDS plan in July, but we first received the floorplans with the building permit on 9/6. We can approve an OSDS plan before getting floorplans if the design is good and as long as the future floorplan submittal matches the number of bedrooms in the design. In this case it does match, but we want to make you and the buyer aware of the basement issue. As I said in my email, Spencer made a typographical error on his reply to you (he used an "e" in the last name instead of an "o") when he replied on 9/19 and I apologized for that.

As to the issue at hand, all of your questions are why we want you to make a decision now instead of the homeowner discovering these things when they go to finish the basement. As the bedroom definition in our memo states, access to a rough in for a full bath could make some rooms count as a bedroom when finished. If the basement is roughed in as shown now, but just finished as a powder room, then it would

still have access to a rough in full bath. The future layout shown on these plans would make the rec room a bedroom according to our code definition as supplied in the memo. The whole thing is setup like an in-law apartment.

What we need to approve the building permit is for you and the buyer to decide how you want to proceed and provide a written (email is fine) response for our file. Your choices are:

1. Leave everything as is and acknowledge that when the basement gets finished, a room down there might count as a bedroom in our definition depending on the layout and before we could approve that permit, the owner would have to either revise their layout if possible, upgrade their trenches to be big enough for 6 bedrooms, or convert one of the existing bedrooms into a non-bedroom according to our code definition as supplied in the memo.
2. Revise the existing floorplan through DILP so that the basement is not roughed in for a full bath.
3. Have your engineer revise the OSDS plan to size the drainfield trenches for 6 bedrooms (or more depending on the owner's future plans).

Let me know what you and the buyer want to do and we'll put a rush on our review. Thanks  
Jeff

---

**From:** Rick. Minor [<mailto:raminor@comcast.net>]  
**Sent:** Wednesday, October 03, 2018 8:18 AM  
**To:** Williams, Jeffrey  
**Cc:** Martin, Sharhonda; Feinstein Barbara  
**Subject:** Re: Spencer contact info / B18003067 / 6517 Heather Glen Way

Hi Jeff

Thank you for sending the reply to my email regarding Lot 9.

What additional parameters to the septic system would be required should the basement be finished with a full bath and a bedroom?

What if a full bath was added and a recreation room?

What if this future rough in was actually a powder room?

We have no way of knowing what a future client may want in their basement if we sell the house with an unfinished basement.

I find it rather disconcerting though that Vogel Engineering submitted plans to the Health Department for the septic system review where on July 9, Robert Bricker spec'd the septic system and proved signed plans of such. ( please see attached ) If Robert Bricker spec'd out the system on July 9, with floor plans provided, why does it take so long for a review?

Why weren't we presented with this additional bedroom information at that time?

We applied for the building permit for this home on August 28, and am just finding about this now. On Monday, October 1, I called in to check on the status of our building permit and was informed that Spencer was handling this. I was told he was not in and was sent to his voicemail. The voicemail to me did not sound like "Spencer ", but I did hear "Freeman", and the voicemail did say that they were out until October 8th.

This would make it a full three months from the time our septic plans were signed by Robert Bricker until Spencer returned from being out.

This prompted my email to Sharhonda, and to get us to where we are today.

What do you need from Greenfield Homes to get this permit released, and when can it be released?

Thanks

Rick

410-365-3702

On Oct 2, 2018, at 9:40 AM, Williams, Jeffrey <[jewilliams@howardcountymd.gov](mailto:jewilliams@howardcountymd.gov)> wrote:

Hi Rick. Spencer Freemon was reviewing this BP. He sent a memo on 9/19, but I realized as I was sending this that he had a typo in your email address and unluckily I guess it actually belongs to someone so he didn't get a bounce back. See the attached memo that he was trying to send to you. Talk it over with your buyer and let me know what you want to do via email. Thanks and sorry for the delay.

Jeff

-----Original Message-----

From: Rick. Minor [<mailto:raminor@comcast.net>]

Sent: Monday, October 01, 2018 12:14 PM

To: Martin, Sharhonda

Subject: Spencer contact info / B18003067 / 6517 Heather Glen Way

Sharhonda

When I recently called to check on my permit status, you transferred me to Spencer voicemail, however the voicemail said Freeman? and he was out till the 8th.

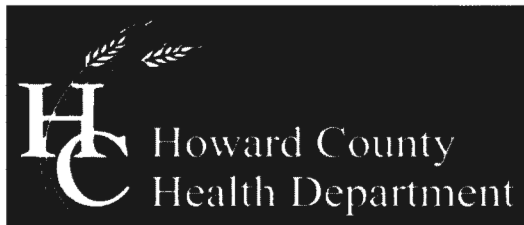
Can you give me Spencer's phone and email to contact him When is he due back? Why is it taking a over month to get this permit released when Robert Ricker approved drawings and specifications for this??

Who else can sign off on this permit release

Thanks

Rick

<[Untitled].pdf>



## 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](https://www.facebook.com/hocohealth)

Twitter: [HowardCoHealthDep](https://twitter.com/HowardCoHealthDep)

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

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### MEMORANDUM

TO: GreenField Homes Inc  
6656 Luster Drive  
Highland, MD 21029

FROM: Robert Freemon *RF*  
Well & Septic Program

RE: 6517 Heather Glen Way  
Clarksville, MD 21029  
***Potential Basement Bedroom***

DATE: 9/19/2018

---

I have reviewed the floor plans in support of Building Permit B18003067 for a new home at 6517 Heather Glen Way and noted that there is a rough-in for a full bathroom in the unfinished basement. Please note that this makes it very likely for one or more rooms to be considered bedrooms upon conversion of the basement to finished living space.

For reference, the following is the bedroom definition in Howard County Code Section 3.801(b):

- (1) Except as provided in paragraph (2) of this subsection, a bedroom is any space in the conditioned are of a dwelling unit or accessory structure that:
  - (i) Is 90 square feet or greater in size;
  - (ii) May be used as a private sleeping area; and
  - (iii) Has at least one window and one interior door.
- (2) If a home office, library, or similar room is proposed, it may not be a bedroom if there is no closet; and
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  - (ii) A minimum 4 foot-wide opening, without doors, into another room;
  - (iii) A half wall (4 foot maximum height) between the room and another room; or
  - (iv) The room is a first floor room or basement area that does not have direct access to full bathrooms or "roughed in" plumbing that would provide direct access to future full bathroom facilities.

The Health Department strongly recommends sizing the onsite sewage disposal system at least one bedroom larger than the existing 5 bedroom design to accommodate a future finished basement. If you choose to only size for the existing design, any future building permit for a finished basement may be

placed on hold until the system is upgraded to accommodate the proposed number of bedrooms. This memo will be retained in the Health Department file for future reference.

## Williams, Jeffrey

---

**From:** Williams, Jeffrey  
**Sent:** Wednesday, October 03, 2018 8:39 AM  
**To:** 'Rick. Minor'  
**Cc:** Feinstein Barbara; Freemon, Robert  
**Subject:** RE: Spencer contact info / B18003067 / 6517 Heather Glen Way

Hi Rick.

Robert Spencer Freemon is the reviewer of the building permit. Robert Bricker approved the OSDS plan in July, but we first received the floorplans with the building permit on 9/6. We can approve an OSDS plan before getting floorplans if the design is good and as long as the future floorplan submittal matches the number of bedrooms in the design. In this case it does match, but we want to make you and the buyer aware of the basement issue. As I said in my email, Spencer made a typographical error on his reply to you (he used an "e" in the last name instead of an "o") when he replied on 9/19 and I apologized for that.

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Who else can sign off on this permit release

Thanks

Rick

<[Untitled].pdf>

## Williams, Jeffrey

---

**From:** Williams, Jeffrey  
**Sent:** Tuesday, October 02, 2018 9:41 AM  
**To:** 'raminor@comcast.net'  
**Cc:** Martin, Sharhonda  
**Subject:** RE: Spencer contact info / B18003067 / 6517 Heather Glen Way  
**Attachments:** [Untitled].pdf

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Rick

## **Freemon, Robert**

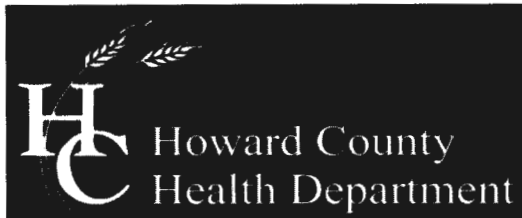
---

**From:** Freemon, Robert  
**Sent:** Wednesday, September 19, 2018 3:02 PM  
**To:** 'raminer@comcast.net'  
**Subject:** 6517 Heather Glen  
**Attachments:** 6517 Heather Glen Way.pdf

Hi,

I have reviewed the building permit B18003067 for 6517 Heather Glen Way and attached are my comments. If you would like to move forward with the building permit as is I will need something in writing (can be email) acknowledging that you understand the memo and would like to move forward with the project. If you would like to make changes to the floor plans or septic system let me know.

**Robert "Spencer" Freemon**  
**Howard County Health Department**  
**8930 Stanford Blvd. Columbia, MD 21045**  
**Bureau of Environmental Health**  
**Well and Septic Program**  
**Phone: 410-313-6357**  
**Email: [rfreemon@howardcountymd.gov](mailto:rfreemon@howardcountymd.gov)**  
**Website: <https://www.howardcountymd.gov/Departments/Health/Environmental-Health/Well-and-Septic>**



## Bureau of Environmental Health

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[www.hchealth.org](http://www.hchealth.org)

Facebook: [www.facebook.com/hocohealth](https://www.facebook.com/hocohealth)

Twitter: HowardCoHealthDep

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

### MEMORANDUM

TO: GreenField Homes Inc  
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Highland, MD 21029

FROM: Robert Freemon *R-F*  
Well & Septic Program

RE: 6517 Heather Glen Way  
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**Potential Basement Bedroom**

DATE: 9/19/2018

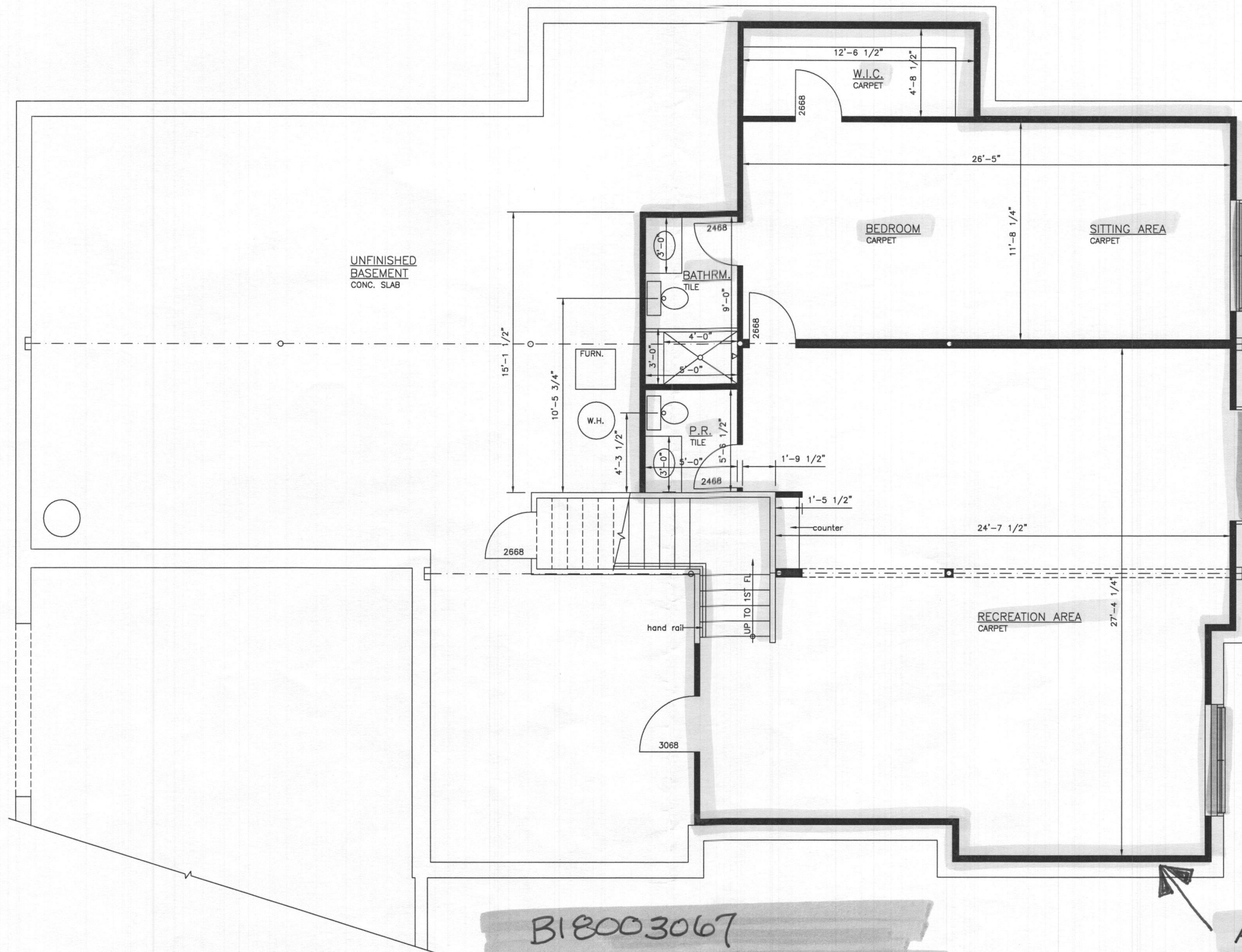
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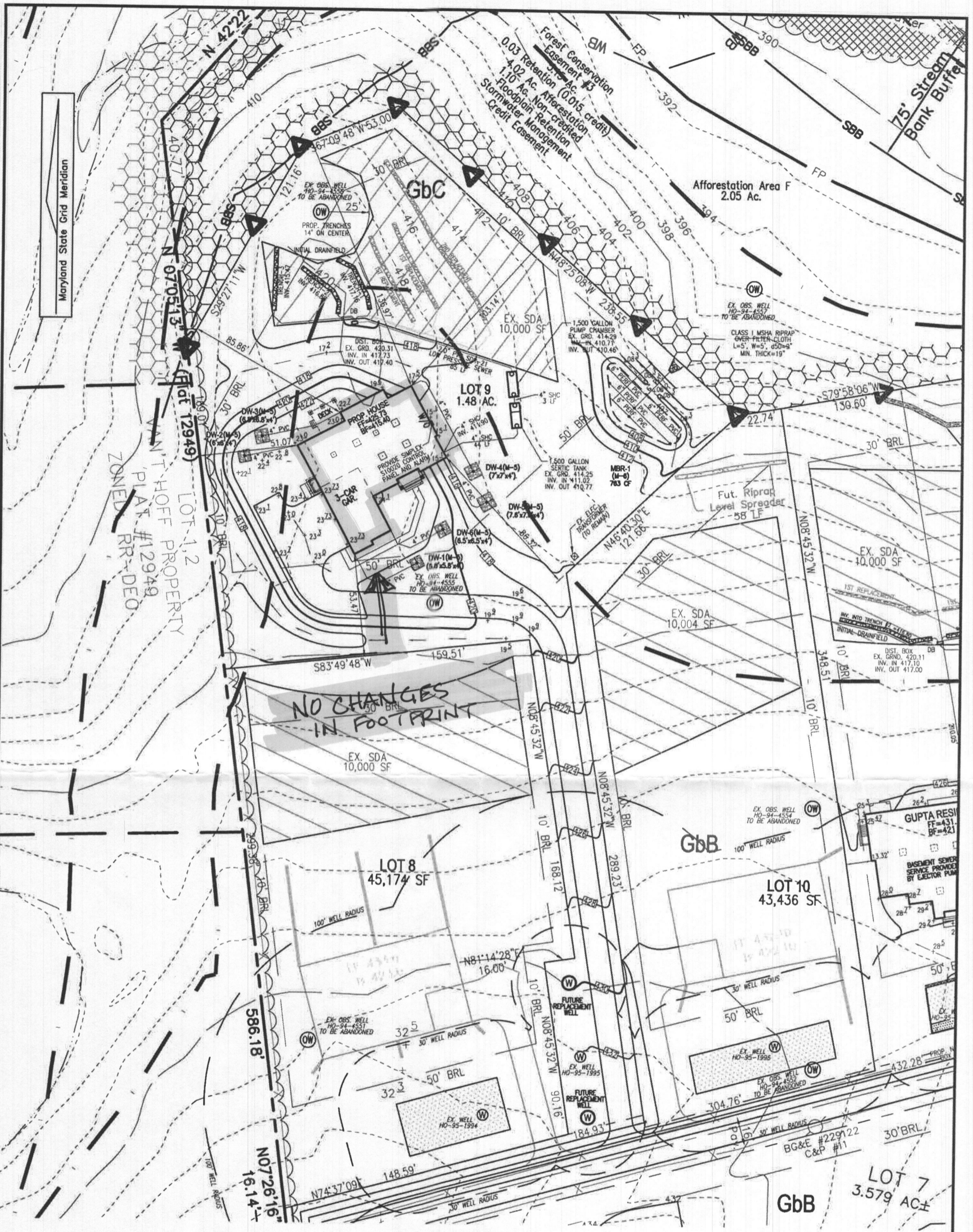


WINDOWS & PATIO  
DOOR FROM ORIGINAL  
CONSTRUCTION

B18003067  
6517 HEATHER GLEN WAY

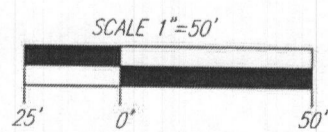
AREA TO BE FINISHED  
APPROX. 1173 SF.

PROPOSED BASEMENT PLAN  
SCALE: 1/4" = 1'-0"



**SITE PLAN**  
SCALE: 1"=50'

**ROBERT H. VOGEL ENGINEERING, INC.**  
ENGINEERS • SURVEYORS • PLANNERS  
3300 N. RIDGE ROAD, SUITE 110  
ELLICOTT CITY, MD 21043  
TEL: 410.461.7666  
FAX: 410.461.8961



**OWNER/BUILDER**  
GREENFIELD HOMES, INC.  
6656 LUSTER DRIVE  
HIGHLAND, MD 20777  
(410) 365-3702

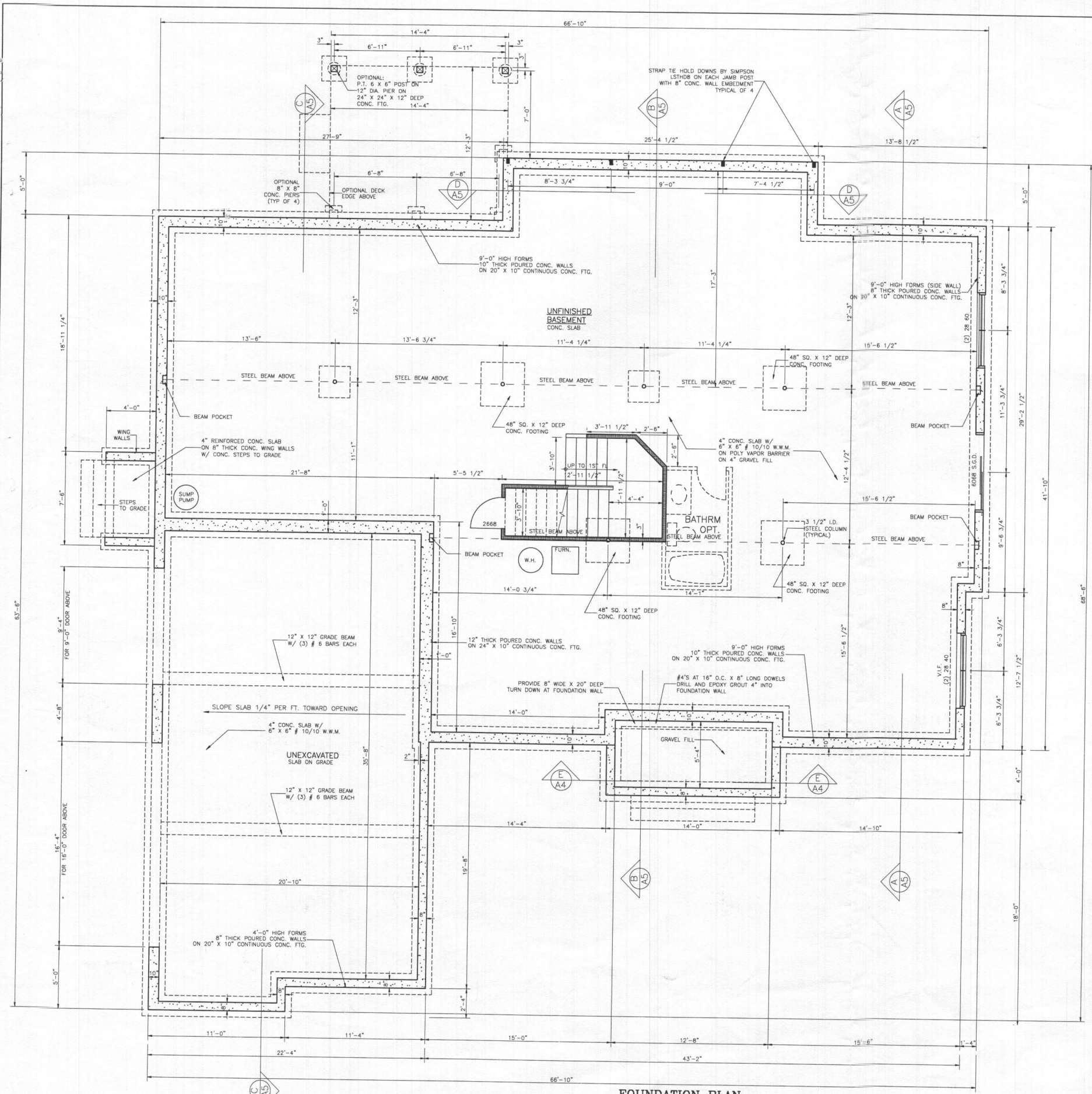
SCALE	AS SHOWN
DRAWN BY	JMR
CHECKED BY	RHV
DATE	AUGUST 14, 2018
W. O. #	14-33
SHEET#	1 OF 4

5TH ELECTION DISTRICT  
TAX MAP: 34 PARCEL: 444

**PLOT PLAN**  
**WILLOW POND - LOT 9**  
6517 HEATHER GLEN WAY  
CLARKSVILLE, MD 21029  
REF: F-10-106

BLOCK: 17  
ZONED: RR-DEO  
HOWARD COUNTY, MARYLAND

# HEALTH DEPT



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

**GENERAL NOTES:**  
 CONTRACTOR TO VERIFY ALL PROPOSED DIMENSIONS PRIOR TO CONSTRUCTION. NOTIFY ANY DISCREPANCIES IN A TIMELY MANNER.  
 ALL WORK SHALL BE PERFORMED ACCORDING TO ALL APPLICABLE CODES AND STANDARDS.  
 ALL PRE-ENGINEERED TRUSSES TO BE DESIGNED BY: CERTIFIED TRUSS MANUFACTURER  
 ALL FLOOR JOIST AS PER APPROVED IJI SYSTEM  
 ALL FOUNDATION WALLS TO BE POURED CONC (SEE PLAN FOR THICKNESS)  
 FLOOR JOIST: ALL PRE-ENGINEERED JOIST TO BE DESIGNED BY: CERTIFIED JOIST MANUFACTURER  
 CONTRACTOR TO FOLLOW PLANS AND SPECIFICATIONS DRAWN AND PROVIDED BY THE CERTIFIED JOIST MANUFACTURER

ALL WINDOW AND DOOR HEADERS TO BE (2) 2" X 10'S W/ 1/2" PLYWOOD SPACER BETWEEN FOR 2" X 4'S AND (3) 2" X 10'S W/ 1/2" PLYWOOD SPACER BETWEEN FOR 2" X 6'S  
 P.T. = PRESURE TREATED WOOD.  
 PROVIDE METAL JOIST/BEAM HANGERS FOR ALL FLUSH BEAM CONDITIONS DESIGN FOR MAX. APPLIED LOADS  
 BEARING WALLS TO HAVE BLOCKING AT MID POINTS VERTICALLY  
 DESIGN LOADS:  
 FLOOR: LL=40 psf  
 DL=15 psf  
 ROOF: LL=30 psf  
 DL=20 psf  
 BUILT-UP ROOF RAFTERS: HEM FIR NORTH # 2

THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS ON CONSTRUCTION OF THE ADDITION. THE CONTRACTOR SHALL USE BEST PRACTICES FOR ALL/ANY DECISIONS IN THE CONSTRUCTION PHASE. CODES GOVERN OVER ALL DRAWINGS UNLESS ADVISED BY A BUILDING INSPECTOR ALL/ANY CONSTRUCTION CHANGES ARE ASSUMED BY THE CONTRACTOR.

*BI 8003067*

*Approved RJE  
BI 8003067 10/16/2018*

**Code Information**

All contractors to comply with applicable Building Codes:  
 BUILDING:  
 INTERNATIONAL BUILDING CODE, 2015 EDITION  
 INTERNATIONAL BUILDING CODE FOR ONE AND TWO FAMILY DWELLINGS, 2015 EDITION  
 INTERNATIONAL CODE LOCAL AMENDMENTS  
 MECHANICAL:  
 INTERNATIONAL MECHANICAL CODE, 2015 EDITION  
 INTERNATIONAL ENERGY CONSERVATION CODE, 2015 EDITION  
 ELECTRICAL:  
 2015 NATIONAL ELECTRICAL CODE WITH LOCAL AMENDMENTS (NFPS 70)  
 ELECTRICAL REGULATIONS AND LOCAL AMENDMENTS  
 PLUMBING:  
 2009 NATIONAL STANDARD PLUMBING CODE ILLUSTRATED  
 2009 NATIONAL FUEL GAS CODE (NFPA 54)  
 PLUMBING CODE LOCAL AMENDMENTS

2015 IECC RESIDENTIAL ENERGY REQUIREMENTS MANDATORY REQUIREMENTS  
 SECTION R401.3 CERTIFICATE  
 SECTION R402.4 AIR LEAKAGE  
 SECTION R402.5 MAXIMUM FENESTRATION U-FACTOR AND SHGC  
 SECTION R403.1 HVAC CONTROLS  
 SECTION R403.1.2 HEAT PUMP SUPPLEMENTARY HEAT  
 SECTION R403.2 DUCT SEALING  
 SECTION R403.2.3 BUILDING CAVITIES AS DUCTS OR PLENUMS  
 SECTION R403.3 MECHANICAL SYSTEM PIPING INSULATION  
 SECTION R403.4.1 CIRCULATING HOT WATER SYSTEMS  
 SECTION R403.5 MECHANICAL VENTILATION  
 SECTION R403.6 EQUIPMENT SIZING  
 SECTION R403.7 SYSTEMS SERVING MULTIPLE DWELLING UNITS  
 SECTION R403.8 SNOW MELT SYSTEMS CONTROLS  
 SECTION R403.9 POOLS AND INGROUND PERMANENTLY INSTALLED SPAS  
 SECTION R404.1 LIGHTING EQUIPMENT  
 SECTION R404.1.1 FUEL GAS LIGHTING EQUIPMENT  
 PLUS THE PRESCRIPTIVE OR PERFORMANCE PROVISIONS  
 PRESCRIPTIVE REQUIREMENTS  
 SECTION R402.1 GENERAL  
 SECTION R402.2 SPECIFIC INSULATION REQUIREMENTS  
 SECTION R402.3 FENESTRATION  
 SECTION R403.2.1 DUCT INSULATION  
 SECTION R403.4.2 HOT WATER PIPE INSULATION  
 PERFORMANCE REQUIREMENTS  
 SECTION R405 SIMULATED PERFORMANCE ALTERNATIVE

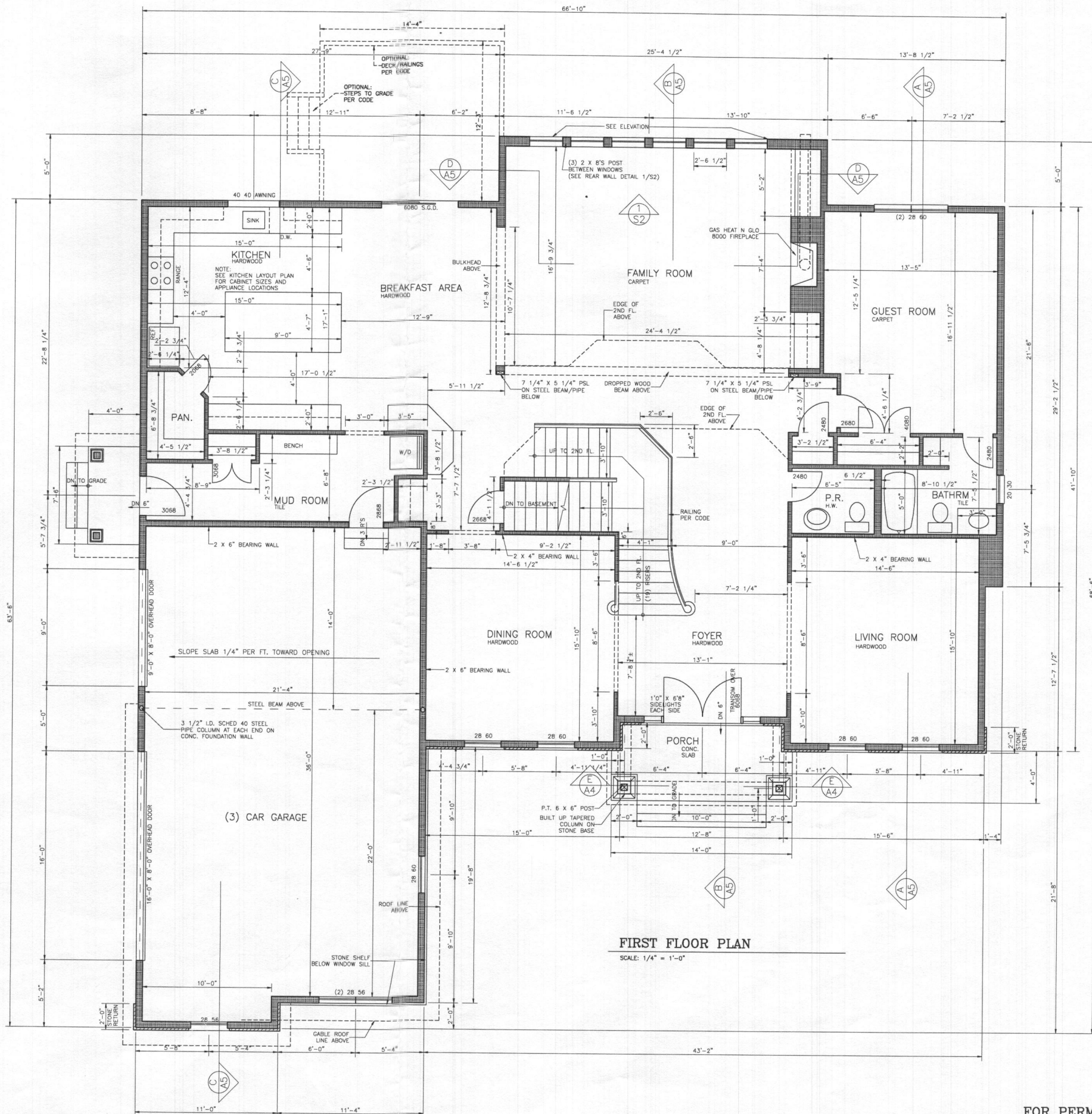
DRAWN BY: MARK J. BANDY, INC.  
(410) 750 2262  
DATE: 02-23-2018

**GREENFIELD HOMES**  
LOT-9

FOUNDATION PLAN  
SCALE: 1/4" = 1'-0"

**A1**

FOR PERMIT



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

FOR PERMIT

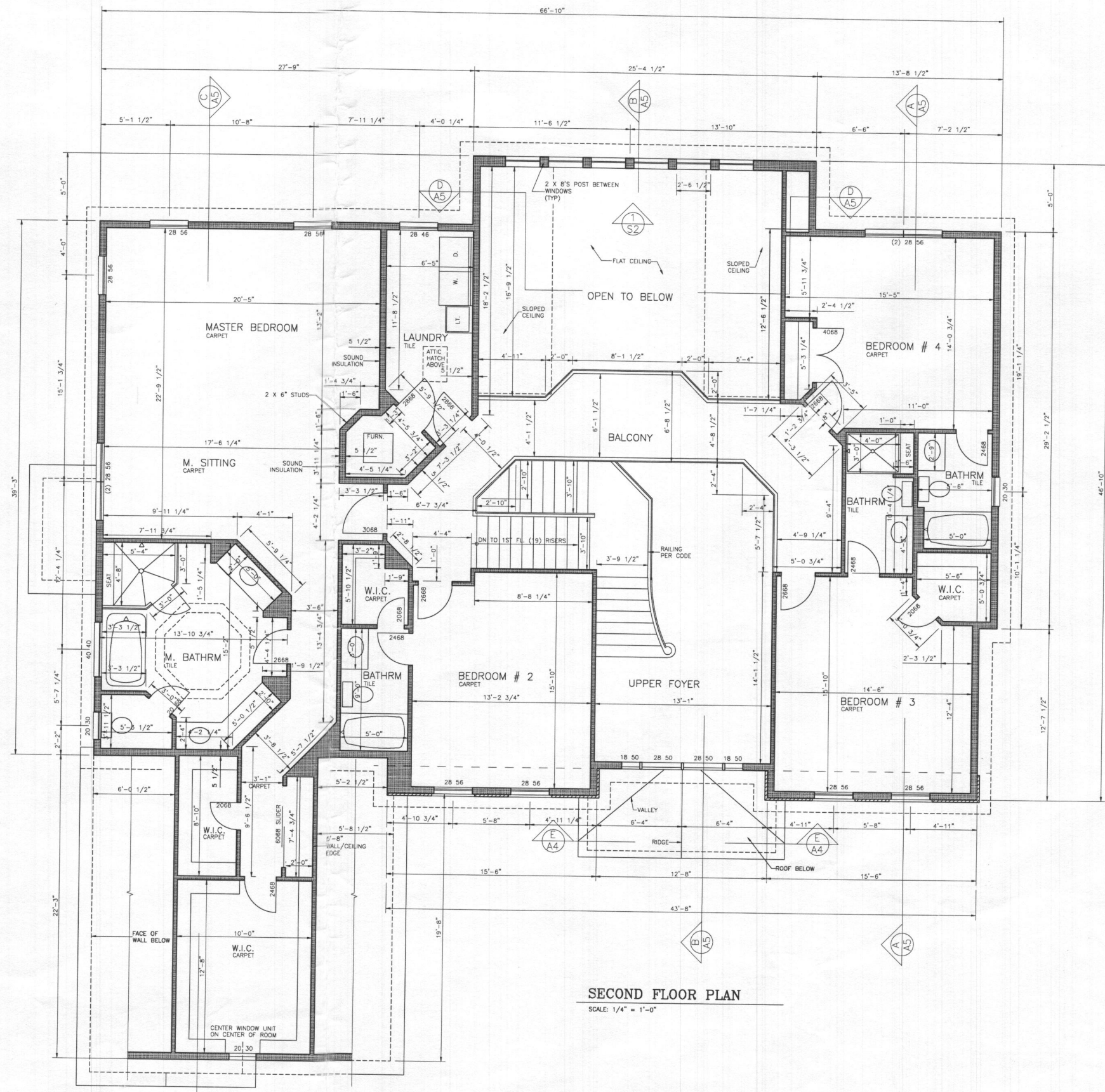
DRAWN BY:  
MARK J. BANDY, INC.  
(410) 750 2262  
DATE: 02-23-2018

REVISIONS:	number	description	date

**GREENFIELD HOMES**  
LOT-9

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

A2



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

DRAWN BY:  
MARK J. BANDY, INC.  
(410) 750 2262  
DATE: 02-23-2018

REVISIONS:	number	description	date

# GREENFIELD HOMES

LOT-9

2ND FLOOR PLAN  
SCALE: 1/4" = 1'-0"

A3

FOR PERMIT