



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.: _____

Building Address: 6915 Brooks Rd
City: Highland State: MD Zip Code: 20777
Suite/Apt. # _____ SDP/WP/BA #: _____
Census Tract: _____ Subdivision: _____
Section: _____ Area: _____ Lot: _____
Tax Map: 0040 Parcel: 0437 Grid: 0003
Zoning: _____ Map Coordinates: _____ Lot Size: 6.9600AC

Existing Use: RESIDENTIAL
Proposed Use: RESIDENTIAL
Estimated Construction Cost: \$ _____
Description of Work: FIRST FLOOR REMODEL, MUD ROOM, KITCHEN, DINING ROOM, LIVING ROOM, FAMILY ROOM, BEDROOM #2, BATHROOM, BREAKFAST
Occupant or Tenant: _____
Was tenant space previously occupied? Yes No
Contact Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____

Property Owner's Name: Rudy Alston
Address: 6915 Brooks Rd.
City: Highland State: MD Zip Code: 20777
Phone: 202-503-0152 Fax: _____
Email: rudyalstoniii@gmail.com

Applicant's Name & Mailing Address, (If other than stated herein)
Applicant's Name: Design Build Remodeling Group
Address: 1299 Judges Ct.
City: Eldersburg State: MD Zip Code: 21784
Phone: 443-300-2268 Fax: _____
Email: todd@dbrgmaryland.com

Contractor Company: Design Build Remodeling Group of LLC
Contact Person: Todd Swanson LEAH ARTHUR
Address: 1299 Judges Ct.
City: Eldersburg State: MD Zip Code: 21784
License No.: 129933
Phone: 443-300-2268 Fax: _____
Email: todd@dbrgmaryland.com

Engineer/Architect Company: Creative Outlooks, LLC
Responsible Design Prof.: Phil Gugliuzza
Address: 223 Otem Rd.
City: Union Bridge State: MD Zip Code: 21791
Phone: 410-239-0261 Fax: _____
Email: pgcreate@qis.net

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 st floor:	
	2 nd 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:	
<input checked="" type="checkbox"/> Roadside Tree Project Permit	Footings:	
<input type="checkbox"/> Yes <input 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 type="checkbox"/> Yes <input type="checkbox"/> No
Gas:	<input type="checkbox"/> Yes <input type="checkbox"/> No
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:	

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.

[Signature]
Applicant's Signature
INFO@DBRG-MARYLAND.COM
Email Address
DESIGN BUILD REMODELING GROUP OF MD LLC
Title/Company

LEAH ARTHUR
Print Name
8.4.17
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>8/3/17</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	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub-Total Paid	\$
Balance Due	\$
Check	#

Legacy Septic & Excavation LLC
 1538 Manchester Road
 Westminster, MD 21157
 410-840-8766



Invoice

Date	Invoice #
6/8/2017	10035
P.O. No.	Terms
	COD

Bill To
Mr. Ruby Alston 2901 12th Street NE Washington, DC 20017

Ship To
6915 Brooks Road Highland, MD Howard County

Quantity	Description	Rate	Amount
	Contractor to supply equipment, labor and materials as follows: Excavate and install riser and 6" pipe on existing septic tank Excavate and install 6" pipe on existing drywell Clear weeds and grade area Mobilization - \$250.00 Equipment, Operator and hand laborer - \$175.00/hr x 6 hrs. - \$1,050.00 Disposal fee (fuel tank) - \$250.00 Materials - Risers, 6" pipe; caps (\$248) * George Schooley has not started working with engineering, so he has no time on this invoice, however, as it becomes applicable, meeting with engineering firm and any county reps will be billed at customer rate of \$65/hr.	1,798.00	1,798.00

For your convenience Legacy Septic & Excavation accepts credit cards. Please phone the office to process your payment.

Ask Us About 6 Months Free Financing!

	Total	\$1,798.00
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Legacy Septic & Excavation LLC
 1538 Manchester Road
 Westminster, MD 21157
 410-840-8766



Invoice

Date	Invoice #
4/10/2017	9903-B
P.O. No.	Terms
	COD

Bill To
Mr. Ruby Alston 2901 12th Street NE Washington, DC 20017

Ship To
6915 Brooks Road Highland, MD Howard County

Quantity	Description	Rate	Amount
0.5	<p>Balance due on the following:</p> <p>Contractor to provide equipment, tools, labor and material to perform the following:</p> <p>Draw water sample from well pipe where it enters the house and take to lab for testing</p> <p>Mobilize septic truck onsite with 500 gallons of water and perform a load test on existing septic system</p> <p>Pump tank and check condition of septic tank</p> <p>04/10/17 - Contractor evaluated septic system by introducing 500 gallons of water into the septic tank, checking for any back-ups. System operated without issue and technicians were able to hear the water moving into the drywell. Drywell was found to be 10' deep with 3' liquid in drywell.</p> <p>Contractor pulled water sample and hand delivered it to lab.</p>	900.00	450.00

For your convenience Legacy Septic & Excavation accepts credit cards. Please phone the office to process your payment.

Ask Us About 6 Months Free Financing!

	Total	\$450.00
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- R301 CLIMATE ZONE 4A
- R402 COMPLIANCE METHOD: MANDATORY AND PRESCRIPTIVE PROVISIONS
- R402.11 VAPOR RETARDER: WALL ASSEMBLIES IN THE BUILDING THERMAL ENVELOPE SHALL COMPLY WITH VAPOR RETARDER REQUIREMENTS OF SECTION R702.7 OF THE INTERNATIONAL RESIDENTIAL CODE 2015 EDITION
- R402.12 ATTIC INSULATION R-49
ATTIC INSULATION WITH RAISED HEEL: R-38
- R402.12 WOOD FRAME WALL: R-20 OR R-13 + R5 CONTINUOUS INSULATION
- R402.12 BASEMENT WALL INSULATION: R-13/R-10 FOIL FACED CONTINUOUS, UNINTERRUPTED BATTS FULL HEIGHT
- R402.12 CRAWL SPACE WALL INSULATION: R-13/R-10 FOIL FACED CONTINUOUS BATTS FULL HEIGHT EXTENDING FROM FLOOR ABOVE TO FINISH GRADE LEVEL AND THEN VERTICALLY OR HORIZONTALLY AN ADDITIONAL 2'-0"
- R402.12 FLOOR INSULATION OVER UNCONDITIONED SPACE: R-19 BATT INSULATION
- R402.12 WINDOW U-VALUE/SHGC: .35 (U-VALUE) .40 (SHGC)
- R402.2.10 SLAB ON GRADE FLOORS LESS THAN 12' BELOW GRADE: R-10 RIGID FOAM BOARD UNDER SLAB EXTENDING EITHER 2'-0" HORIZONTALLY OR 2'-0" VERTICALLY.
- R402.2.4 ATTIC ACCESS: ATTIC ACCESS SCUTTLE WILL BE WEATHERSTRIPPED AND INSULATED R-49
- R402.4 BUILDING THERMAL ENVELOPE (AIR LEAKAGE): EXTERIOR WALLS AND PENETRATIONS WILL BE SEALED PER THIS SECTION OF THE 2015 IECC WITH CAULK, GASKETS WEATHERSTRIPPING OR AN AIR BARRIER OF SUITABLE MATERIAL. SEALING METHODS BETWEEN DISSIMILAR MATERIALS SHALL ALLOW SEALING FOR DIFFERENTIAL EXPANSION AND CONTRACTION.
- R402.4.1.2 BUILDING THERMAL ENVELOPE TIGHTNESS TEST: BUILDING ENVELOPE SHALL BE TESTED AND VERIFIED AS HAVING AN AIR LEAKAGE RATE OF NOT EXCEEDING 3 AIR CHANGES PER HOUR. TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH ASTM E 779 OR ASTM E 1827 WITH (BLOWER DOOR) AT A PRESSURE OF 0.2 INCHES W.G. (50 PASCALS). TESTING SHALL BE CONDUCTED BY AN APPROVED THIRD PARTY. A WRITTEN REPORT OF THE RESULTS OF THE TEST SHALL BE SIGNED BY THE PARTY CONDUCTING THE TEST AND PROVIDED TO THE BUILDING INSPECTOR.

- R402.4.2 FIREPLACES: NEW WOOD BURNING FIREPLACES WILL HAVE TIGHT-FITTING FLUE DAMPERS OR DOORS, AND OUTDOOR COMBUSTION AIR. FIREPLACE DOORS SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 127 (FACTORY BUILT FIREPLACE AND UL 407 MASONRY FIREPLACE).
- R402.4.4 ROOMS CONTAINING FUEL-BURNING APPLIANCES WHERE OPEN COMBUSTION AIR DUCTS PROVIDE COMBUSTION AIR TO OPEN COMBUSTION FUEL BURNING APPLIANCES, THE ALLIANCES AND COMBUSTION AIR SHALL BE LOCATED OUTSIDE THE BUILDING THERMAL ENVELOPE OR ENCLOSED IN A ROOM ISOLATED FROM INSIDE THE THERMAL ENVELOPE. EXCEPTIONS: 1. DIRECT VENT APPLIANCES WITH DOTH INTAKE AND EXHAUST PIPES INSTALLED CONTINUOUS TO THE OUTSIDE. 2. FIREPLACES AND STOVES COMPLYING WITH SECTION R402.4.2 AND SECTION R1006 OF THE IRC.
- R402.4.5 RECESSED LIGHTING: RECESSED LUMINARIES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO LIMIT AIR LEAKAGE.
- R403.11 THERMOSTAT: ALL DWELLING UNITS WILL HAVE AT LEAST (1) PROGRAMMABLE THERMOSTAT FOR EACH SEPARATE HEATING AND COOLING SYSTEM PER 2015 IECC SECTION 403.11
- R403.12 WHERE A HEAT PUMP SYSTEM HAVING SUPPLEMENTARY ELECTRIC RESISTANCE HEAT IS USED THE THERMOSTAT SHALL PREVENT THE SUPPLEMENTARY HEAT FROM COMING ON WHEN HEAT PUMP CAN MEET HEATING LOAD.
- R403.31 MECHANICAL DUCT INSULATION: SUPPLY AND RETURN DUCTS IN ATTIC R-8 MINIMUM, R-6 WHEN LESS THAN 3'. SUPPLY AND RETURN DUCTS OUTSIDE OF CONDITIONED SPACES R-8 MINIMUM ALL OTHER DUCTS EXCEPT THOSE LOCATED COMPLETELY INSIDE THE BUILDING THERMAL ENVELOPE R-6 MINIMUM. DUCTS LOCATED UNDER CONCRETE SLABS MUST BE R-6 MINIMUM.
- R403.32 DUCT SEALING: ALL DUCTS, AIR HANDLERS, FILTER BOXES WILL BE SEALED. JOINTS AND SEAMS WILL COMPLY WITH SECTION M601.41 OF THE IRC. A DUCT TIGHTNESS TEST (DUCT BLASTER DUCT TOTAL LEAKAGE TEST) WILL BE PERFORMED ON ALL HOMES AND SHALL BE VERIFIED BY EITHER A POST CONSTRUCTION TEST OR A ROUGH-IN TEST. DUCT TIGHTNESS TEST IS NOT REQUIRED IF THE AIR HANDLER AND ALL DUCTS ARE LOCATED WITHIN THE CONDITIONED SPACE.
- R403.6 MECHANICAL VENTILATION: OUTDOOR (MAKE-UP AND EXHAUST) AIR DUCTS TO BE PROVIDED WITH AUTOMATIC OR GRAVITY DAMPER THAT CLOSE WHEN THE VENTILATION SYSTEM IS NOT OPERATING.
- R403.6.1 WHOLE-HOUSE MECHANICAL VENTILATION SYSTEM FAN EFFICIENCY TO COMPLY WITH TABLE R403.6.1
- R403.7 EQUIPMENT SIZING SHALL COMPLY WITH R403.7

R404.1 LIGHTING EQUIPMENT: A MINIMUM OF 75% OF ALL LAMPS (LIGHTS) MUST BE HIGH EFFICACY LAMPS.

THIS CONTRACTOR ALSO RESPONSIBLE FOR GENERATING CERTIFICATE OF COMPLIANCE AND AFFIXING ELECTRICAL PANEL OR WITHIN 6 FEET OF THE ELECTRICAL PANEL AND BE READILY VISIBLE.

RESIDENTIAL BUILDING ENERGY & MECHANICAL CODE
IRC INTERNATIONAL RESIDENTIAL CODE 2015

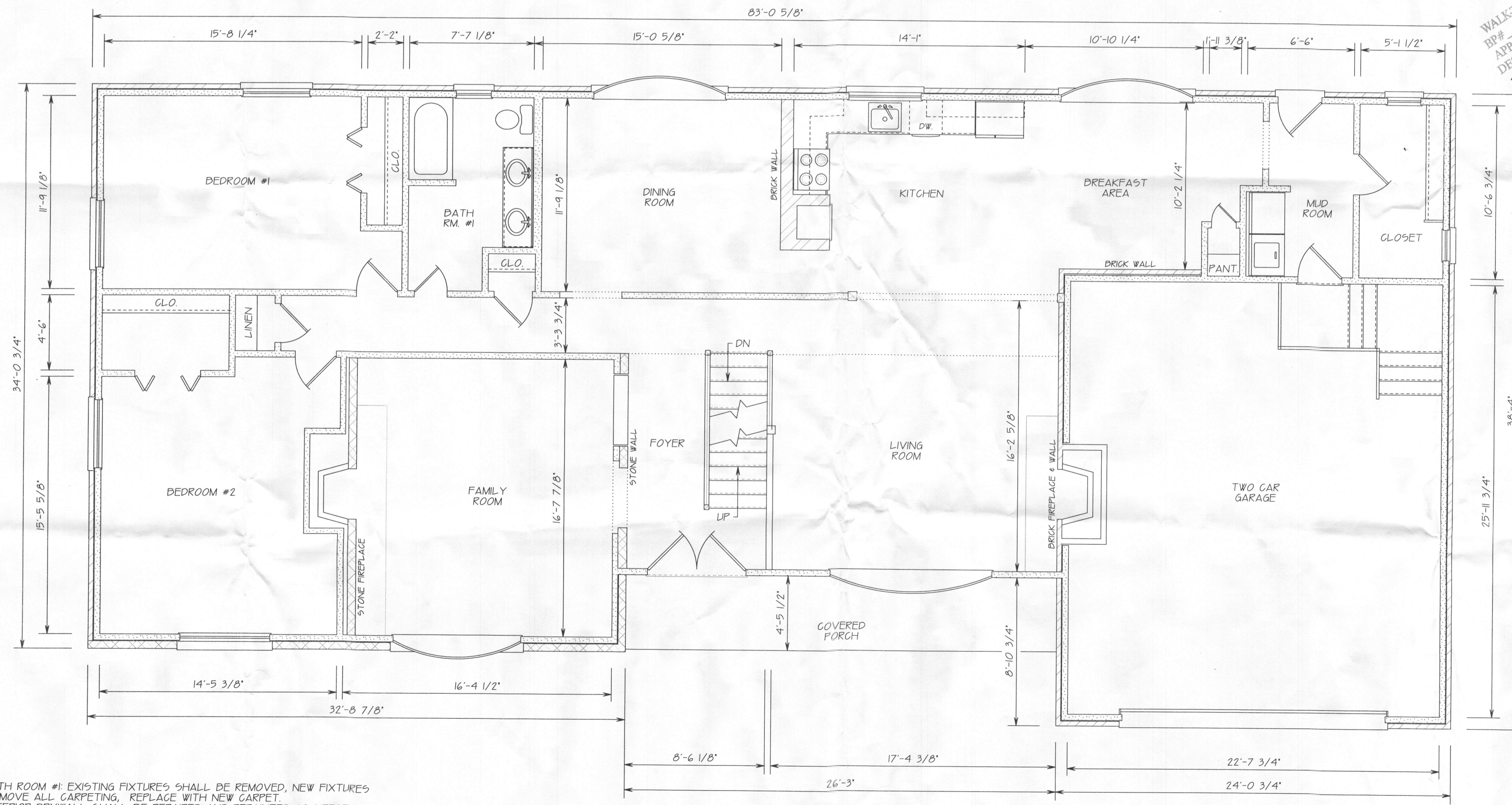
INSULATION

1. STANDARD TRUSS HEEL: R-49 ATTIC INSULATION RAISED TRUSS HEEL: R-38 ATTIC INSULATION & OVER EXTERIOR WALL PLATE
2. WALLS R-20
3. BASEMENT WALLS R-10 CONTINUES OR R-13 GAVITY
4. SLAB PERIMETER R-10
5. CRAWL SPACE WALLS R-10
6. FLOORS R-19
7. WINDOWS MUST HAVE A U-VALUE OF 40.
8. WINDOW, SKYLIGHT & DOOR PERFORMANCE CRITERIA

NORTH-CENTRAL SKYLIGHT CRITERIA:	U-FACTOR	SHGC	
	≤ 0.32	≤ 0.40	
NORTH-CENTRAL DOOR CRITERIA:	U-FACTOR	SHGC	
	≤ 0.55	≤ 0.40	
GLAZING LEVEL	U-FACTOR	SHGC	
OPAQUE	≤ 0.21	NO RATING	
≤ 1/2-LITE	≤ 0.27	≤ 0.30	
> 1/2-LITE	> 0.32	> 0.30	

2015 IECC CODE COMPLIANCE

PRESCRIPTIVE R-VALUE PATH

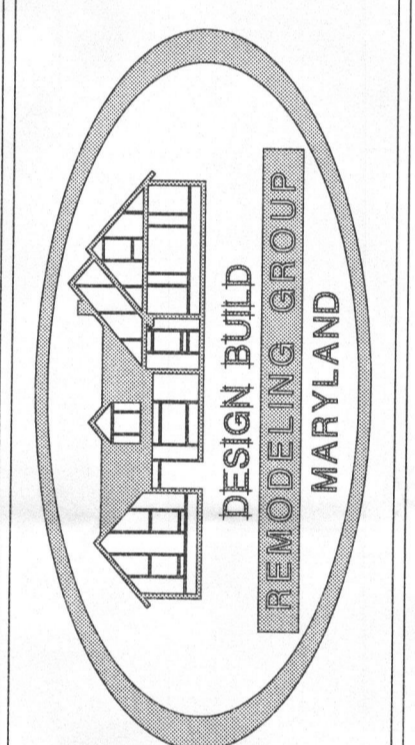


NOTE:
 1. BATH ROOM #1: EXISTING FIXTURES SHALL BE REMOVED, NEW FIXTURES
 2. REMOVE ALL CARPETING, REPLACE WITH NEW CARPET.
 3. INTERIOR DRYWALL SHALL BE REPAIRED AND REPAINTED AS NEEDED.

APPROVED
 WALKTHRU BUILDING PERMIT
 BR# [blank] A# [blank]
 DATE: 8/2/2017
 DISC OF WORK: re-locate existing 1st floor including 2nd bedrooms and other rooms as illustrated.

FIRST LEVEL FLOOR PLAN
 NEW ADDITION FOR RUDY & MELODY ALSTON
 6915 BROOKS RD.
 HIGHLAND, MD 20777
 DATE: APRIL 10, 2017
 SCALE: 1/4" = 1'-0"

CREATIVE OUTLOOKS, LLC
 PHILIP F. GUGLIUZZA
 CUSTOM HOME PLANNING & DESIGN
 HOME ADDITION-REMODELING DESIGN
 COMPLETE CONSTRUCTION PLANS
 PHONE: 410-596-1062
 PGCREATED@GMAIL.COM



ADDITIONS: GARAGE, FAMILY ROOM, OWNER'S SUITE & BATHROOMS, IN-LAW SUITES & MORE
 KITCHEN REMODEL & ADDITIONS
 WHOLE-HOUSE RENOVATIONS
 AGING/DISABILITY NEEDS
 P.O. BOX 1285
 ELDEKSBURG, MARYLAND 21784
 PHONE: 443-300-2268

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