#### **DATE ACCEPTED:**



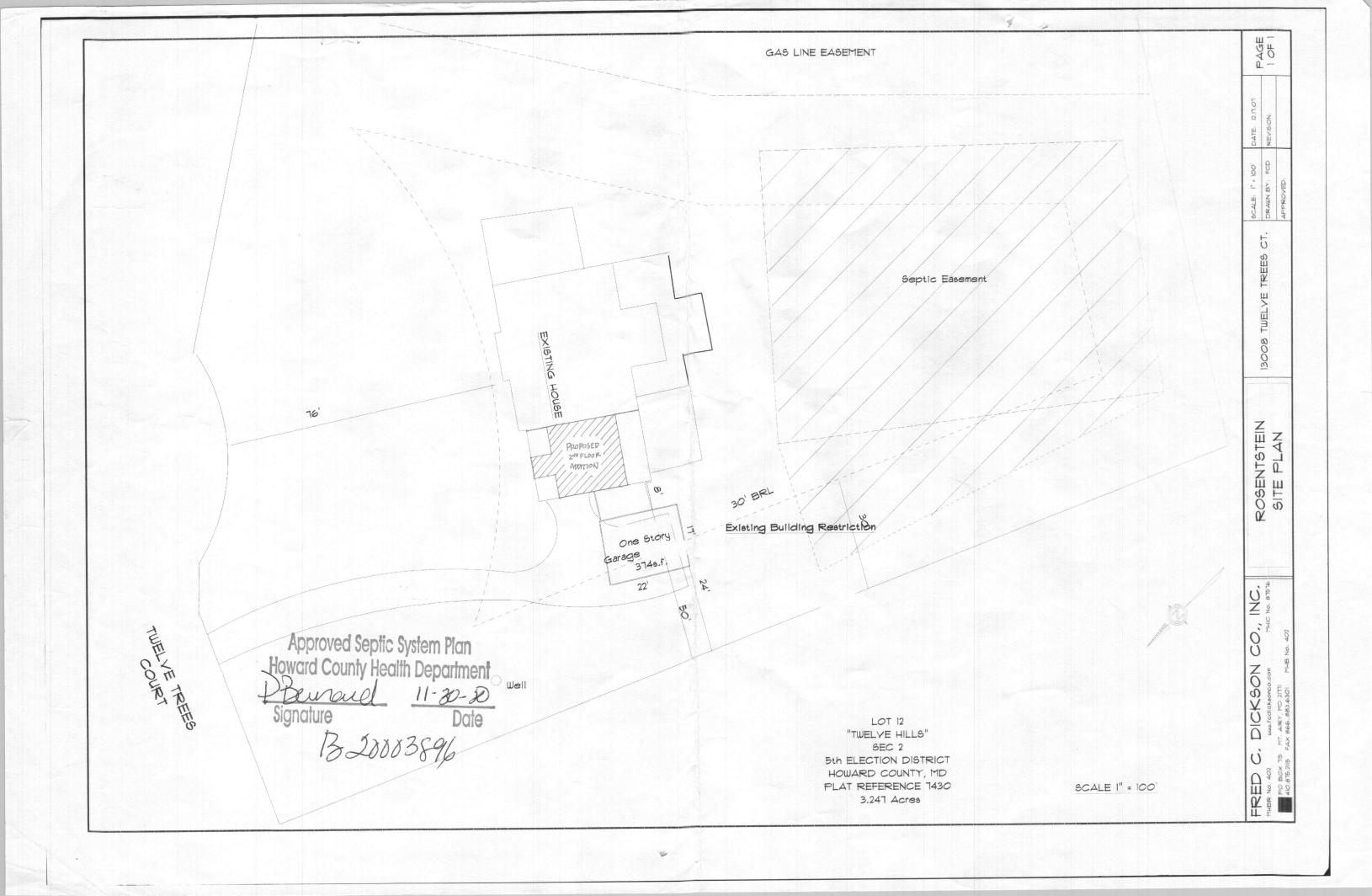
#### RESIDENTIAL BUILDING PERMIT APPLICATION

HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES, AND PERMITS

3430 COURT HOUSE DRIVE, ELLICOTT CITY, MD 21043 - PHONE: (410) 313-2455 OPTION #4

www.howardcountymd.gov

|  | DO COOKI I   | 100SE DRIV   | E, ELLICOTT CT   | TY, MD 21042   | - DHUNE  | (410) 212  | MITS RE  | CLIV   |
|--|--|--|--|--|--|--|--|--|
|  | 32 DOX   | D789   | 6 www  | .howardcountym   | id.gov   | (410) 313-   |  |  |
| BUILDING SITE  | ADDRESS  | REQUIR   |  | a. accounty II   |  |  |  | CT 2 7 202   |
| Street Address:  |  |  | ve Tree  | C C  |  |  |  |  |
|  | KSVILLE  | 1000   | VC 1/12  |  |  |  | Unit: LICEN  | SES & PER  |
| Subdivision/Village/C  |  |  | 116.60   | State:   |  |  |  | DIRESTON   |
| 1  |  | 121  | ills Sec   |  |  | SDP/WP/BA #:   |  |  |
| Lot: Z   |  | Мар:   | Parce  | # 440  | Grading P  | ermit #:   |  |  |
| DESCRIPTION  |  | REQUIRED   | )  |  |  |  |  |  |
| Existing Use: 514  | 191e fan   | uly Hon  | Proposed Use:  | Sinale Fo  | unity How  | ne   | Estimated Cost: \$ /   | 20,000   |
| Trade Work to Be Co  | mpleted (Sepai   | rate Permits R   | equired): Mech   | nanical (HVACR)  | Electrical   | Plumbing   | □ None   | 00,000   |
| 2nd  | 61000  | addit  | ion and  | Venova   | Lion a   | pore a   | Hacled   | /  |
| CAG  | Jace   |  |  |  | 1.0  |  | THUM   | -  |
| 9  | 8  |  |  |  | -  | ······································   |  |  |
| PROPERTY OWI   | NER INFOR  | MATION   | REQUIRED   |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Owner(s) Name(s) (   | 45 It appears on   | tax recoras):  | Craig: F   | mre kose   | instein  |  | Primary Residence:   | Yes D No   |
| Owner's Street Addre   |  | 08 Twe   | elve Tree  | es Court   |  |  |  |  |
| City: Clar   | Ksville  |  |  | State:   | MO   |  | Zip Code: 2  | 029  |
| Phone: 30  | 1 275  | - 283  | <b>5</b> En  | nail: Sren   | cros e   | aol.co   | m -  |  |
| APPLICANT NA   | ME REQU  | IRED - IND   | IVIDUAL WHO S  | GIGNS THIS APP   |  | 14 TO 1 TO 1   | The College Street   |  |
| Business Name:   | Dovet  |  |  | Contact  |  | and l  | vhitting   |  |
| Street Address: 4  | -04  |  |  |  | Marrie.  | une v  | VILLIS INS   | 700  |
| 1  |  | zungae   | er lane  |  | 14.0   |  | 2  |  |
|  | esde   | 11000  |  |  | MO   |  | Zip Code: 208  | 119  |
| Phone: 3   | 01 651   | 4871   | En   | nail: lane   | -doveto  | ri 1cm   | · com  |  |
| CONTRACTOR I   | NFORMATIO  | ON <i>REQU</i>   | JIRED  |  |  |  |  |  |
| Business Name:   | MNER   | S C  | cais -   | Anne 12  | oscuste  | in   |  |  |
| Licensee's Name:   | VA -   |  |  | License  |  |  |  |  |
|  | 3008 1   | WIVE   | Trick  | Court  | <u> </u>   |  |  |  |
|  | Ksville  | VVCI   | 1100   | State:   | MY   | Т  | 7in Code: 710  | 2 a  |
|  |  | 262  | É [-   |  |  |  | Zip Code: 210  | 29   |
| Phone: 30  |  | -283   |  |  | icros e  |  | om   |  |
| ARCHITECT/EN   |  |  |  |  | LANS, IF APP   | LICABLE  |  |  |
| Business Name: G   | BL, CH   | Storm.   | Home 1)  | Sign Name:   | Grego  |  |  | 14   |
| Street Address:  | 0 1504   | 237  |  |  | . 0  |  |  | /  |
| City:  | LS nur   | X  |  | State: N   | 10   |  | Zip Code: 204  | 8  |
| Phone: +10   | 833  | 832  | n Em   | nail:  |  |  |  | 8  |
| FILL C   |  |  | UIRED  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| BUILDING CHAP  | RACTERIST  |  |  | - 4 1 2 1  |  |  |  |  |
| BUILDING CHAPPrimary Structure:  | SF Dwelling  | SF Townhou   | se 🗖 SF Duplex   |  |  |  | Condo:   | es 🖺 No  |
| BUILDING CHAR<br>Primary Structure: Utilities: Electric  | SF Dwelling G  | SF Townhou Water Supp  | se SF Duplex   | Private (Well)   |  | elling (MF*)<br>posal: <b>D</b> Pub  |  |  |
| BUILDING CHAPPrimary Structure:  | SF Dwelling G  | SF Townhou Water Supp  | se SF Duplex   | Private (Well)   | Sewage Dis   | posal: 🗖 Pub   |  |  |
| BUILDING CHARPIMARY Structure: Utilities: Electric   | SF Dwelling G Gas Electric Nation  | SF Townhou Water Suppural Gas  | se SF Duplex  Oly: Public Propane Other:   | Private (Well)   | Sewage Disp<br>Roadside Tr   | posal: D Pub<br>ee Project: D  | ic Private (Se   |  |
| Primary Structure:  Utilities: Electric Heating System: Esprinkler System:   | SF Dwelling Gas Electric Natural NFPA 13   | SF Townhou Water Suppural Gas IFPA 13R   | se SF Duplex  Oly: Public Propane Dother:  NFPA 13D  | Private (Well)  oil  None Fire   | Sewage Dis<br>Roadside Tr<br>Alarm System:   | posal: Pub<br>ee Project:<br>Yes   | lic Private (Se  |  |
| Primary Structure: Utilities: Electric Heating System: Esprinkler System: ADDITIONAL RE  | SF Dwelling G Gas Electric NAtt NFPA 13 SSIDENTIAL   | SF Townhou Water Suppural Gas IFPA 13R   | se SF Duplex  Oly: Public Propane Dother:  NFPA 13D  | Private (Well)  oil  None Fire   | Sewage Dis<br>Roadside Tr<br>Alarm System:   | posal: Pub<br>ee Project:<br>Yes   | lic Private (Se  |  |
| Primary Structure:  Utilities: Electric  Heating System: E  Sprinkler System:  ADDITIONAL RE  Model Name & Option  | SF Dwelling G Gas Electric Natural NFPA 13 C ESIDENTIAL ns:  | SF Townhou Water Suppural Gas F NFPA 13R INFORMA   | Se SF Duplex  Oly: Public Propane Other:  ONE NFPA 13D OTHERS  OTHERS  | Private (Well)  oil  None Fire  E SELECT/COMP  | Sewage Dis<br>Roadside Tr<br>Alarm System:   | posal: D Pub<br>ee Project: D<br>Yes I I<br>T APPLY)   | No Yes: # No Voice Evac  | otic)  |
| Primary Structure: Utilities: Electric Heating System: Esprinkler System: ADDITIONAL REMODE Name & Option # of Bedrooms (SF):  | SF Dwelling Gas Electric Nature NFPA 13 SIDENTIAL  SS:  # of eff   | SF Townhou Water Suppural Gas FINFPA 13R INFORMA   | Se SF Duplex  Oly: Public Propane Other:  ON NFPA 13D OTHERS  ATION (PLEAS)  MF*): #   | Private (Well)  oil  None Fire   | Sewage Dis<br>Roadside Tr<br>Alarm System:   | posal: D Pub<br>ee Project: D<br>Yes I I<br>T APPLY)   | lic Private (Se  | otic)  |
| Primary Structure: Utilities: Electric Heating System: Esprinkler System: ADDITIONAL REMODE Name & Option # of Bedrooms (SF): # Rooms: C   | F Dwelling G Gas Electric Nature NFPA 13 SIDENTIAL Gas:  ## of eff   | Water Suppural Gas FNFPA 13R INFORMA ficiency units ( # Full Bath  | Se SF Duplex  Oly: Public Propane Other:  ON NFPA 13D CONTROL PLEAS  MF*): # # # # # # # # # # # # # # # # # # #   | Private (Well)  oil  None Fire  E SELECT/COMP  | Sewage Disp<br>Roadside Tr<br>Alarm System:<br>PLETE ALL THA<br># of 2 BR (I   | posal: D Pub<br>ee Project: D<br>Yes I I<br>T APPLY)   | No Yes: # No Voice Evac  | otic)  |
| Primary Structure: Utilities: Electric Heating System: Esprinkler System: ADDITIONAL REMODE Name & Option # of Bedrooms (SF):  | F Dwelling G Gas Electric Nature NFPA 13 SIDENTIAL Gas:  ## of eff   | Water Suppural Gas FNFPA 13R INFORMA ficiency units ( # Full Bath  | Se SF Duplex  Oly: Public Propane Other:  ON NFPA 13D CONTROL PLEAS  MF*): # # # # # # # # # # # # # # # # # # #   | Private (Well)  oil  None Fire  E SELECT/COMP  of 1 BR (MF*):  | Sewage Disparence Roadside Tree Alarm System:  **PLETE ALL THA**  # of 2 BR (Faths:  | posal: D Pub<br>ee Project: D<br>Yes I I<br>T APPLY)   | lic  Private (Se<br>No  Yes: #<br>No  Voice Evac<br># of 3 BR (I   | otic)  |
| BUILDING CHARPING STRUCTURE: DELECTRIC Heating System: DESPIRATIONAL REMODERATIONAL REMODERATIONAL REMODERATIONAL REMODERATIONAL REMODERATION (SF): # Rooms: CGarage/Carport Info:   | SF Dwelling Gas Gas Electric Nature NFPA 13 Gas SIDENTIAL SS: # of eff   | Water Suppural Gas Final | Se SF Duplex  Oly: Public Propane Other:  ON NFPA 13D OTHER  ON NFPA 13D OTHER  ON NFPA 13D OTHER  ON NFPA 13D OTHER  OTH | Private (Well)  oil  None Fire  F SELECT/COMP  of 1 BR (MF*):  # Half Ba  Integral Garage  | Sewage Disparence Roadside Tree Alarm System:  **PLETE ALL THA**  # of 2 BR (Faths:  **Carport**   | posal: Pub<br>ee Project: • • Yes • I • T APPLY)  MF*):  | Private (Se  | otic)  MF*):   |
| Primary Structure: Utilities: Electric Heating System: Esprinkler System: ADDITIONAL REMODE Name & Option # of Bedrooms (SF): # Rooms: C   | SF Dwelling Gas Gas Electric Nature NFPA 13 Gas SIDENTIAL SS: # of eff   | SF Townhou Water Suppural Gas FINFORMA INFORMA INFORMA ficiency units ( # Full Bath Garage FINFORMA On Grade   | Se SF Duplex  Oly: Public Propane Other:  ON NFPA 13D OTHER  ON NFPA 13D OTHER  ON NFPA 13D OTHER  ON NFPA 13D OTHER  OTH | Private (Well)  oil  None Fire  F SFLECT/COMP  of 1 BR (MF*):  # Half B:  Integral Garage  Unfinished Baseme   | Sewage Disparence Roadside Transporter All THA  # of 2 BR (Faths:  Carport  This is a continuous and the con | posal: Pub<br>ee Project: • • Yes • I • T APPLY)  MF*):  | Private (Se No Private (Se No Yes: # No Voice Evac # of 3 BR (I # Fireplaces: L  | MF*):  |
| Primary Structure:  Utilities: Electric Heating System: Esprinkler System:  ADDITIONAL REMODE Name & Option # of Bedrooms (SF): # Rooms:   C Garage/Carport Info: Basement/Foundation  1st Fl Width:   | SF Dwelling Gas Electric Nature NFPA 13 SIDENTIAL AS: H of eff Info: Slab  1st Fl Dep  | Water Suppural Gas FNFPA 13R INFORMA INFORMA iciency units ( # Full Bath Garage Full Con Grade Inth:   | SF Duplex Oly: Public Propane Other: On NFPA 13D OTHER OTHER OF THE PUBLIC OTHER OTH | Private (Well)  oil  None Fire  E SELECT/COMP  of 1 BR (MF*):  # Half Ba  Integral Garage  Unfinished Baseme  2nd Fl De  | Sewage Disparence Roadside Tree Alarm System:  **PLETE ALL THA**  # of 2 BR (Faths:  **Carport**  **Carport**  **Carport**  **Ent.**  **Finished pth:  | posal: Pub ee Project:  TAPPLY)  MF*):  None d Basement: Bsmt Width:   | Private (Se  | otic)  MF*):  MF*):  |
| BUILDING CHARPING CHARPING STRUCTURE: DELECTRIC Heating System: DESPIRATIONAL REMODITIONAL REMOD | RACTERIST  SF Dwelling  Gas  Electric Nature  NFPA 13  SIDENTIAL  as:  # of eff  Attached Gall  Info: Slab  Ist Fl Dep   | Water Suppural Gas   | Se SF Duplex  Oly: Public Propane Other:  ONE NFPA 13D OTHER  OTHER SENTENCE OF THE SENTENCE OTHER SENTENCE OTH | Private (Well)  oil  None Fire  E SELECT/COMP  of 1 BR (MF*):  # Half Ba  Integral Garage  Unfinished Baseme  2nd Fl De  | Sewage Disparence Roadside Tree Alarm System:  **PLETE ALL THA**  # of 2 BR (Faths:  **Carport**  **Carport**  **Carport**  **Ent.**  **Finished pth:  | posal: Pub ee Project:  TAPPLY)  MF*):  None d Basement: Bsmt Width:   | Private (Se No Private (Se No Yes: # No Voice Evac # of 3 BR (I # Fireplaces: L  | otic)  MF*):  MF*):  |
| BUILDING CHARPRIMARY Structure:  Utilities: Electric Heating System: Esprinkler System: Heating System: Heatin | SF Dwelling Gas  Gas  Gas  Gas  Gectric Nature  NFPA 13 Gas  Gas  Gas  Gas  Attached Gas  Info: Slab  Ist Fl Depresscriptive Gas  ISCALIMER  | Water Suppural Gas   | SF Duplex Oly: Public Propane Other: On NFPA 13D OTHER OTHER STORY MF*): # # # # # # # # # # # # # # # # # # #   | Private (Well)  oil  None Fire  E SELECT/COMP  of 1 BR (MF*):  # Half Ba  Integral Garage  Unfinished Baseme  2nd Fl De  ERI Gross Ard   | Sewage Disparence Note Alarm System:  # of 2 BR (Faths: Carport  Carport  This Prinished Paths:  | posal: Pub ee Project:  TAPPLY)  MF*):  None d Basement: Bsmt Width: sq ft   | # of 3 BR (I # Fireplaces:   Full or Partial Bsmt  Doccupiable Area:   | otic)  MF*):  MF*):  MF*:  MF* |
| BUILDING CHARPRIMARY Structure:  Utilities: Electric Heating System: Esprinkler System: ADDITIONAL REMODE Name & Option # of Bedrooms (SF): # Rooms: Carage/Carport Info: Basement/Foundation  1st FI Width: Energy Method: Property Method: Property Method: Property Name  | SF Dwelling Gas  Gas  Electric Nature | Water Suppural Gas   | SE SF Duplex  Propane Dother:  Propane Dother:  NFPA 13D  NFPA 13D | Private (Well)  Oil  None Fire  E SELECT/COMP  of 1 BR (MF*):  # Half Ba  Integral Garage  Unfinished Baseme  2nd Fl De  ERI Gross Ara  THORIZED TO MAKE THIS  | Sewage Disparence Note Alarm System:  # of 2 BR (Faths: Carport ent Finisher pth: ea:  APPLICATION; (2) THA  | posal: Pub ee Project:  TAPPLY)  MF*):  None d Basement: Bsmt Width: sq ft   | # of 3 BR (I # Fireplaces:     Full or  Partial     Bsmt     Doccupiable Area:   | Depth:  Sq f   |
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| BUILDING CHARPIMARY STRUCTURE: Utilities: Electric Heating System: Esprinkler System: Esprinkler System: ADDITIONAL REMODE Model Name & Option # of Bedrooms (SF): # Rooms: Carage/Carport Info: Basement/Foundation 1st FI Width: Energy Method: Property Method: Pr | RACTERIST  SF Dwelling  Gas  Electric Nature  NFPA 13  SIDENTIAL  Ins:  # of eff  Attached G  Info: Slab  1st Fl Dep  rescriptive INSCALIMER  CERTIFIES AND AG  FOF HOWARD COUNT  THAT HE/SHE GRAI  SIGNATURE  E ONLY  | Water Suppural Gas   | SF Duplex  Oly: Public  Propane Other:  ONE NFPA 13D  NF | Private (Well)  Oil  None Fire  E SELECT/COMP  of 1 BR (MF*):  # Half B:  # Half B:  Unfinished Baseme  2 <sup>nd</sup> Fl De  ERI Gross Are  THORIZED TO MAKE THIS BAT HE/SHE WILL PERFOR ER ONTO THIS PROPERTY | Sewage Disparence of Roadside Transport of 2 BR (Faths:  Carport of Carport of Finisher of 2 BR (Faths:  APPLICATION; (2) THAT of Carport of Ca | posal: Pub ee Project:  Tyes I Tyes I Tyes I None d Basement: Bash Width: sq ft  The Informati ABOVE REFERENCE FINSPECTING THE   | # of 3 BR (I # Fireplaces:   Full or Partial Bsmt  Occupiable Area:  ON IS CORRECT; (3) THAT ED PROPERTY NOT SPECIF WORK PERMITTED AND P | Depth: Sq f HE/SHE WILL COMPI ICALLY DESCRIBED IN OSTING NOTICES.  |
| BUILDING CHARPIMARY STRUCTURE: Utilities: Electric Heating System: Esprinkler System: Esprinkler System: ADDITIONAL REMODITIONAL REMODITIONAL REMODITIONAL REMODITIONAL REMODITIONAL REMODITIONAL REMODITIONAL REMODITION (SP): # Rooms: Carage/Carport Info: Basement/Foundation 1st FI Width: Energy Method: PAGREEMENT / DAGREEMENT / D | RACTERIST  SF Dwelling  Gas  Electric Nature  NFPA 13  SIDENTIAL  Ins:  # of eff  Attached G  Info: Slab  1st Fl Dep  rescriptive INSCALIMER  CERTIFIES AND AG  FOF HOWARD COUNT  THAT HE/SHE GRAI  SIGNATURE  E ONLY  | Water Suppural Gas   | SF Duplex  Oly: Public  Propane Other:  ONE NFPA 13D  NF | Private (Well)  Oil  None Fire  E SELECT/COMP  of 1 BR (MF*):  # Half B:  # Half B:  Unfinished Baseme  2 <sup>nd</sup> Fl De  ERI Gross Are  THORIZED TO MAKE THIS BAT HE/SHE WILL PERFOR ER ONTO THIS PROPERTY | Sewage Disparence of Roadside Transport of 2 BR (Faths:  Carport of Carport of Finisher of 2 BR (Faths:  APPLICATION; (2) THAT of Carport of Ca | posal: Pub ee Project:  Tyes I Tyes I Tyes I None d Basement: Bash Width: sq ft  The Informati ABOVE REFERENCE FINSPECTING THE   | # of 3 BR (I # Fireplaces:   Full or Partial Bsmt  Occupiable Area:  ON IS CORRECT; (3) THAT ED PROPERTY NOT SPECIF WORK PERMITTED AND P | Depth: Sq f HE/SHE WILL COMPI ICALLY DESCRIBED IN OSTING NOTICES.  |
| BUILDING CHARPITION OF THE UNDERSIGNED HEREBY WITH ALL REGULATION; (S)  ARPLICANT'S ORIGINAL  Primary Structure:  Belectric  Heating System:  Electric  Heating System:  Electric  For Bedrooms (SF):  # Rooms:  Garage/Carport Info:  Basement/Foundation  1st FI Width:  Energy Method:  PAGREEMENT / DITHE UNDERSIGNED HEREBY WITH ALL REGULATION; (S)  ARPLICANT'S ORIGINAL  FOR OFFICE USE  | RACTERIST  SF Dwelling  Gas  Electric Nature  NFPA 13  SIDENTIAL  Ins:  # of eff  Attached G  Info: Slab  1st Fl Dep  rescriptive INSCALIMER  CERTIFIES AND AG  FOF HOWARD COUNT  THAT HE/SHE GRAI  SIGNATURE  E ONLY  | Water Suppural Gas   | SF Duplex  Oly: Public  Propane Other:  ONE NFPA 13D  NF | Private (Well)  Oil  None Fire  E SELECT/COMP  of 1 BR (MF*):  # Half B:  # Half B:  Unfinished Baseme  2 <sup>nd</sup> Fl De  ERI Gross Are  THORIZED TO MAKE THIS BAT HE/SHE WILL PERFOR ER ONTO THIS PROPERTY | Sewage Disparence of Roadside Transport of 2 BR (Faths:  Carport of Carport of Finisher of 2 BR (Faths:  APPLICATION; (2) THAT of Carport of Ca | posal: Pub ee Project:  Tyes I Tyes I Tyes I None d Basement: Bash Width: sq ft  The Informati ABOVE REFERENCE FINSPECTING THE   | # of 3 BR (I # Fireplaces:   Full or Partial Bsmt  Occupiable Area:  ON IS CORRECT; (3) THAT ED PROPERTY NOT SPECIF WORK PERMITTED AND P | Depth: Sq f HE/SHE WILL COMPI ICALLY DESCRIBED IN OSTING NOTICES.  |
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| Primary Structure:  Utilities: Electric Heating System: Esprinkler System: Family | RACTERIST  SF Dwelling  Gas  Electric Nature  NFPA 13  SIDENTIAL  DISCONTIAL   | Water Suppural Gas   | SF Duplex  Oly: Public  Propane Other:  ONE NFPA 13D  NF | Private (Well)  Oil  None Fire  E SELECT/COMP  of 1 BR (MF*):  # Half B:  # Half B:  Unfinished Baseme  2 <sup>nd</sup> Fl De  ERI Gross Are  THORIZED TO MAKE THIS BAT HE/SHE WILL PERFOR ER ONTO THIS PROPERTY | Sewage Disparence of Roadside Transport of 2 BR (Faths:  Carport of Carport of Finisher of 2 BR (Faths:  APPLICATION; (2) THAT of Carport of Ca | posal: Pub ee Project:  Tyes I Tyes I Tyes I None d Basement: Bart Width: sq ft  The Information Above reference Finspecting the I Type | # of 3 BR (I # Fireplaces:   Full or Partial Bsmt  Occupiable Area:  ON IS CORRECT; (3) THAT ED PROPERTY NOT SPECIF WORK PERMITTED AND P | Depth:  Sq f  HE/SHE WILL COMPI ICALLY DESCRIBED IN OSTING NOTICES.  |



#### FOUNDATIONS

A. FOOTINGS ARE DESIGNED FOR AN ALLOWABLE SOIL BEARING CAPACITY OF 2000 PSF. FOOTINGS SHALL BEAR ON NATURAL UNDISTURBED SOIL. 1'-0" BELOW ORIGINAL GRADE. THE BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2'-6" BELOW FINISHED GRADE CONTRACTOR TO VERIFY THE ALLOWABLE SOIL PRESSURE IN THE FIELD. IF FOUND TO BE LESS THAN 2000 PSF. THE FOOTINGS WILL HAVE TO BE REDESIGNED.

#### 3. CAST IN PLACE CONCRETE

A. ALL CONCRETE WORK SHALL CONFORM TO THE LATEST APPROVED (BY LOCAL GOVERNMENT) EDITIONS OF THE FOLLOWING A.C.I. AND A.S.T.M. DOCUMENTS:

SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE

B. ALL CONCRETE EXCEPT AS NOTED SHALL BE (F'C=3,000 PSI) STONE AGGREGATE CONCRETE AT 28 DAYS. ALL CONCRETE EXPOSED TO THE WEATHER SHALL BE AIR

C. SLABS ON GROUND SHALL BE 4" THICK CONCRETE REINFORCED WITH 6"X6" W1.4XW1.4 WWF OVER 6 MIL POLYETHYLENE VAPOR BARRIER AND 4" WASHED GRAVEL UNLESS

A. ALL MASONRY CONSTRUCTION AND MATERIALS USED THEREIN (CONCRETE MASONRY, CLAY MASONRY, MORTAR, GROUT, AND STEEL REINFORCEMENT) SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" (ACI 530-92/ASCE 5-92/TMS 402-92) AND "SPECIFICATIONS FOR MASONRY STRUCTURES" (ACI 530.1-92/ASCE 6-92/ TMS 602-92) IN ALL RESPECTS.

B. MASONRY BEARING WALLS SHALL CONSIST OF STANDARD HOLLOW UNITS CONFORMING TO ASTM C 90 UNLESS OTHERWISE NOTED. WHERE SOLID UNITS ARE REQUIRED. PROVIDE UNITS CONFORMING TO ASTM C 145.

C. ALL MORTAR SHALL CONFORM TO THE REQUIREMENTS FOR PROPORTIONS, MIXING, STRENGTH AND APPLICATION FOR PORTLAND CEMENT/ LIME TYPE "S" MORTAR AS DESCRIBED IN ACI 530-92.

D. ALL GROUT FILL IN MASONRY WALLS SHALL CONFORM TO ASTM C 476. SLUMP RANGE 8-11". PLACE GROUT IN 5'-0" MAXIMUM POUR HEIGHTS AND CONSOLIDATE BY MECHANICAL VIBRATION.

E. PROVIDE 8" DEPTH OF 100% SOLID MASONRY BELOW ALL JOIST OR SLAB BEARING LINES. PROVIDE-16" HIGH X16" LONG 100% SOLID MASONRY BELOW ALL LINTELS AND BEAMS UNLESS NOTED OTHERWISE. F. ALL MASONRY WALLS SHALL BE REINFORCED WITH NO. 9 GAGE TRUSS TYPE

DUR-O-WALL 6" MINIMUM. PROVIDE CORNER AND TEE PIECES AT ALL INTERSECTIONS. G. LOOSE LINTELS FOR MASONRY WALLS SHALL BE FOR EACH 4" WIDTH OF MASONRY

GALVANIZED DUR-O-WALL SPACED VERTICALLY AT 16" O.C. U.N.O. LAP ALL

3-1/2"X 3-1/2"X 5/16" 3'-1" TO 5'-0" 4"X 3-1/2"X 5/16" 5'-1" TO 6'-6" 5"X 3-1/2"X 3/8" 6"X 3-1/2"X 3/8"

ONE STEEL ANGLE AS FOLLOWS:

ALL ANGLES SHALL HAVE THEIR SHORT LEG OUTSTANDING AND 6" MINIMUM BEARING.

#### 5. STRUCTURAL STEEL

A. ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM SPECIFICATION A-36 (LATEST LOCAL APPROVED). ALL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE AISC MANUAL, AISC SPECIFICATION AND AISC CODE OF

B. ALL WELDED CONNECTIONS SHALL BE DONE WITH ETOOXX ELECTRODES. SHOP AND FIELD WELDS SHALL BE MADE BY APPROVED CERTIFIED WELDERS AND SHALL CONFORM TO THE AMERICAN MELDING SOCIETY CODE FOR BUILDING AMS D1.1. MELDS SHALL DEVELOP THE FULL STRENGTH OF MATERIALS BEING WELDED UNLESS OTHERWISE NOTED.

#### 6. MOOD

A. STRUCTURAL WOOD RAFTERS, JOISTS, BEAMS, AND STUDS SHALL BE HEM FIR #2 OR SPRUCE FINE FIR #2 SURFACED DRY AT A MAXIMUM OF 19% MOISTURE CONTENT. ALL LUMBER EXPOSED TO WEATHER SHALL BE PRESSURE TREATED SOUTHERN PINE #2. ALL FABRICATION, ERECTION, OTHER PROCEDURES, AND MINIMUM UNIT STRESSES SHALL CONFORM TO THE CURRENT "NATIONAL DESIGN SPECIFICATION FOR WOOD" CONSTRUCTION.

B. WOOD TRUSSES SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION (ANSI/TPI 1) AND COMMENTARY AND RECOMMENDATIONS FOR HANDLING. INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES (HIB-91) AS PUBLISHED BY THE TRUSS PLATE INSTITUTE AND IN ACCORDANCE WITH THE 1991 EDITION OF THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.

C. WOOD TRUSSES AND ENGINEERED FLOOR JOISTS ARE TO BE DESIGNED BY THE SUPPLIER. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER/ ARCHITECT FOR REVIEW. ALL TRUSSES AND JOISTS SHALL BE DESIGNED TO LIMIT THE BEARING STRESS TO 425 PSI WHEN MEMBERS BEAR ON STUD WALLS. PROVIDE MEMBERS OF ADEQUATE WIDTH OR METAL CONNECTIONS TO LIMIT STRESSES TO THE SPECIFIED VALUE.

D. ALL LAMINATED VENEER LUMBER (LVL) OR PARALLEL STRAND LUMBER (PSL) SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fb=2600 psi, Fv=285 psi, E=1,900,000 psi, FC= 2510 psi (PARALLEL), FC=750 psi (PERPENDICULAR).

E. ALL DOUBLE MEMBERS SHALL BE NAILED TOGETHER WITH 2 ROWS OF 16d NAILS SPACED AT 12" O.C. ALL TRIPLE MEMBERS SHALL BE NAILED TOGETHER WITH 3 ROWS OF 16d NAILS SPACED AT 12" O.C. NAILED FROM EACH SIDE.

F. PROVIDE DOUBLE JOISTS AT PARALLEL PARTITIONS WHERE PARTITION LENGTH EXCEEDS 1/3 JOIST SPAN.

G. ALL NAILS ARE TO BE COMMON WIRE NAILS. NAILING OF ALL FRAMING SHALL BE AS SPECIFIED IN THE CONTRACT DOCUMENTS BUT IN NO CASE SHALL BE LESS THAN THE RECOMMENDED NAILING SCHEDULE CONTAINED IN THE 2018 INTERNATIONAL RESIDENTIAL CODE. ALL MULTIPLE STUD POSTS ARE TO BE NAILED TOGETHER INTH 12d NAILS @ 6" O.C. STAGGERED.

H. PROVIDE BRIDGING SPACED AT 48" O.C. IN FIRST TWO JOIST, RAFTER, OR TRUSS SPACES WHEN FRAMING IS PARALLEL TO EXTERIOR WALL NAIL SHEATHING (FLOOR, CEILING OR ROOF) TO BRIDGING AND NAIL BRIDGING EXTERIOR WALL. PLATE. PROVIDE ONE ROW OF BRIDGING BETWEEN ALL FLOOR AND ROOF JOISTS FOR EACH 8'-0" OF SPAN. PROVIDE SOLID BLOCKING OR A CONTINUOUS RIM JOIST AT THE BEARING OF JOISTS, RAFTERS OR TRUSSES ON WOOD PLATES

I. PROVIDE THE FOLLOWING JAMB STUDS AT ALL BEARING WALL OPENINGS UNLESS NOTED OTHERWISE:

0-3' OPENING 3'-1" - 6'-0" OPENING 6'-1" - 9'0" OPENING

1 JACK STUD, 1 KING STUD 2 JACK STUDS, 1 KING STUD 2 JACK STUDS, 2 KING STUDS

PROVIDE DOUBLE STUDS AT ALL CORNERS AND BENEATH ALL GIRDER TRUSSES AND WOOD BEAMS UNLESS NOTED OTHERWISE ON PLANS. WOOD BEAMS, GIRDERS TRUSSES AND HEADERS SHALL BEAR THE FULL DEPTH OF POSTS AND JACK STUDS.

J. ALL POSTS (MULTIPLE STUDS OR SOLID POST) SUPPORTING BEAMS, WALL HEADERS OR GIRDER TRUSSES, SHALL BE BLOCKED SOLID FOR THE FULL LENGTH AND WIDTH OF POSTS AT ALL INTERSECTIONS WITH FLOORS AS REQUIRED TO PROVIDE CONTINUOUS SUPPORT TO TOP OF FOUNDATION WALLS OR BEAMS. POSTS SHOWN ON UPPER LEVELS FLOORS SHALL ALSO BE INSTALLED ON THE LOWER LEVELS IN LINE WITH THE POST ABOVE DOWN TO FOUNDATION WALLS OR BEAMS.

K. ALL FLUSH JOIST TO BEAM OR BEAM TO BEAM CONNECTIONS SHALL BE MADE WITH JOIST OR BEAM HANGERS TO SUPPORT THE LOAD CAPACITY INDICATED ON THE PLANS OR THE FULL CAPACITY OF THE JOIST OR BEAM. HANGERS SHALL BE PROVIDED BY SIMPSON STRONG TIE OR USP LUMBER CONNECTORS. THE SUPPLIER SHALL DESIGN ALL HANGERS FOR THE CAPACITY STATED. INSTALL ALL HANGERS IN STRICT CONFORMANCE TO THE MANUFACTURES INSTRUCTIONS. FILL ALL NAIL OR BOLT HOLES USING THE SPECIFIED NAILS AND BOLTS ONLY.

#### 2015 IECC CODE COMPLIANCE

CLIMATE ZONE 4

COMPLIANCE METHOD: MANDATORY AND PRESCRIPTIVE PROVISIONS

VAPOR RETARDER

WALL ASSEMBLIES IN THE THERMAL BUILDING ENVELOPE SHALL COMPLY WITH THE VAPOR RETARDER REQUIREMENTS OF SECTION R702.7 OF THE IRC CODE, 2015 EDITION

ATTIC INSULATION: RAISED HEEL TRUSS:

R402.1.2 MOOD FRAME WALL: R-20 OR R13+R5 CONTINUOUS INSULATION

BASEMENT WALL INSULATION:

R-13/R-10 FOIL FACED CONTINUOUS, UNINTERRUPTED BATTS

CRAML 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" FLOOR INSULATION OVER UNCONDITIONED SPACE: R-19 BATT INSULATION

MINDOW U-VALUE / SHGC

.35 (U-VALUE) .40 (SHGC)

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 SCUTTLE WILL BE WEATHERSTRIPPED AND

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.

R402.4.12 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) AS A PRESSURE OF 0.2 INCHES W.G. (50 PASCALS). TESTING SHALL BE SIGNED BY THE PARTY CONDUCTING

THE TEST AND PROVIDED TO THE BUILDING INSPECTOR.

R402.4.2 NEW WOOD BURNING MASONRY FIREPLACES WILL HAVE TIGHT-FITTING FLUE DAMPERS AND OUTDOOR COMBUSTION AIR. FIREPLACE DOORS

BUILT FIREPLACE) AND UL 907 (MASONRY FIREPLACE) ROOMS CONTAINING FUEL BURNING APPLIANCES WHERE OPEN COMBUSTION AIR DUCTS PROVIDE COMBUSTION AIR TO OPEN COMBUSTION FUEL BURNING APPLIANCES, THE APPLIANCES AND COMBUSTION AIR SHALL BE LOCATED OUTSIDE THE BUILDING THERMAL ENVELOPE TO ENCLOSED IN A ROOM ISOLATED FROM THE THERMAL ENVELOPE.

SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 127 (FACTORY

EXCEPTION: DIRECT VENT APPLIANCES WITH BOTH INTAKE AND EXHAUST PIPES INSTALLED CONTINUOUS TO THE OUTSIDE, FIREPLACES AND STOVES COMPLYING WITH SECTION R402.4.2 AND SECTION R1006 OF THE IRC.

R402.4.5 RECESSED LUMINARIES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO LIMIT AIR LEAKAGE

ALL DWELLING UNITS WILL HAVE AT LEAST (1) PROGRAMMABLE THERMOSTAT FOR EACH SEPARATE HEATING AND COOLING SYSTEM PER IRC IECC **SECTION R403.1.1.** 

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. R403.3.1 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 SPACE 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.

R403.3.2 DUCT SEALING: ALL DUCTS, AIR HANDLERS, FILTER BOXES WILL BE SEALED. JOINTS AND SEAMS WILL COMPLY WITH SECTION M1601.4.1 OF THE IRC.

> A DUCT TIGHTNESS TEST ("DUCT BLASTER" DUCT TOTAL LEAKAGE TEST) WILL BE PREFORMED ON ALL HOMES AND SHALL BE VERIFIED BY EITHER A POST CONSTRUCTION TEST OR A ROUGH-IN TEST. DUCT TIGHTNESS IS NOT REQUIRED IF THE AIR HANDLER AND ALL DUCTS ARE LOCATED WITHIN THE CONDITIONED SPACE.

MECHANICAL VENTILATION: OUTDOOR (MAKE UP AND EXHAUSTS) 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.

LIGHTING EQUIPMENT

R404.1

A MINIMUM OF 75% OF ALL LAMPS (LIGHTS) MUST BE HIGH-EFFICACY LAMPS.

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

| USE   | LIVE LOAD |
|---|-----------|
| UNINHABITABLE ATTICS WO STORAGE. b                | 10        |
| UNINHABITABLE ATTICS W/ LIMITED STORAGE. b, g     | 20        |
| HABITABLE ATTICS & ATTICS SERVED W/ FIXED STAIRS. | 30        |
| BALCONIES (EXTERIOR) & DECKS. e                   | 40        |
| FIRE ESCAPES.                                     | 40        |
| GUARDRAILS & HANDRAILS. d                         | 200h      |
| GUARDRAIL INFILL COMPONENTS. F                    | 50h       |
| PASSENGER VEHICLE GARAGES. a                      | 50a       |
| ROOMS OTHER THAN SLEEPING ROOMS.                  | 40        |
| SLEEPING ROOMS.                                   | 30        |
| STAIRS.   | 400       |

# ADDITION TO THE ROSENSTEIN RESIDENCE

# 13008 TWELVE TREES COURT CLARKSVILLE, MD. 21029

ALL CONSTRUCTION SHALL CONFORM WITH THE PROVISIONS OF THE 2018 INTERNATIONAL RESIDENTIAL CODE FOR ONE AND TWO FAMILY DWELLINGS.

#### DESCRIPTION OF WORK:

#### REMODELING:

EXISTING MASTER BATH TO BE REMODELED IN PLACE

EXISTING MASTER W.I.C. BECOMES NEW BATH & W.I.C. FOR EXISTING BEDROOM #3 TO REMAIN.

EXISTING BEDROOM #4 BECOMES NEW W.I.C. FOR EXISTING MASTER BEDROOM TO REMAIN.

REMOVE EXISTING HALL BATH TO CREATE NEW HALLWAY THROUGH TO ADDITION & REMODEL CLOSET FOR EXISTING BEDROOM #2.

#### ADDITION:

square foot)

CONDITIONED, WOOD FRAMED, SECOND STORY ADDITION ABOVE EXISTING GARAGE STRUCTURE TO REMAIN.

PROPOSED HABITABLE SPACE TO INCLUDE (1) BEDROOM, (2) FULL BATHS & CLOSET SPACE.

430 SQUARE FEET (HABITABLE SPACE)

ENERGY METHOD: 2015 IECC

ATTIC TRUSS DIMENSIONS: 32'-4" +/- x 20'-8" +/-(EXTERIOR DIMENSIONS TO MATCH EX. GARAGE BELOW)

For SI: 1 pound per square foot = 0.0479 kPa, 1 square inch = 645 mm2, 1 pound = 4.45 N.

acting over an area of 4 square inches, whichever produces the greater stresses.

d. A single concentrated load applied in any direction at any point along the top.

e. See Section R502.2.2 for decks attached to exterior walls.

where the clear height in the attic is a minimum of 30 inches.

not to occur with any other live load.

act concurrently with any other live load requirement.

a. Elevated garage floors shall be capable of supporting a 2,000-pound load applied over a 20-square-inch area.

accommodating an assumed rectangle 42 inches high by 24 inches in width, or greater, within the plane of the

than 42 inches, or where there are not two or more adjacent trusses with web configurations capable of

trusses. This live load need not be assumed to act concurrently with any other live load requirements.

b. Uninhabitable attics without storage are those where the maximum clear height between joists and rafters is less

c. Individual stair treads shall be designed for the uniformly distributed live load or a 300-pound concentrated load

f. Guard in-fill components (all those except the handrail), balusters and panel fillers shall be designed to withstand a

horizontally applied normal load of 50 pounds on an area equal to 1 square foot. This load need not be assumed to

g. Uninhabitable attics with limited storage are those where the maximum clear height between joists and rafters is

accommodating an assumed rectangle 42 inches in height by 24 inches in width, or greater, within the plane of the trusses. The live load need only be applied to those portions of the joists or truss bottom chords where all of the

1. The attic area is accessible from an opening not less than 20 inches in width by 30 inches in length that is located

2. The slopes of the joists or truss bottom chords are no greater than 2 inches vertical to 12 units horizontal.

10 lb/ft2. h. Glazing used in handrail assemblies and guards shall be designed with a safety factor of

3. Required insulation depth is less than the joist or truss bottom chord member depth. The remaining portions of

4. The safety factor shall be applied to each of the concentrated loads applied to the top of the rail, and to the load on the in-fill components. These loads shall be determined independent of one another, and loads are assumed

the joists or truss bottom chords shall be designed for a uniformly distributed concurrent live load of not less than

42 inches or greater, or where there are two or more adjacent trusses with web configurations capable of

HABITABLE SPACE DIMENSIONS: 20'-8" +/- x 18'-0" W/8'-0" x 7'-2" +/- DORMER

### DRAWING INDEX

| SHEET # | SHEET DESCRIPTION  |
|---------|--|
| COVER   | COVER SHEET / NOTES                                      |
| 2       | EXISTING SECOND FLOOR PLAN /<br>EXISTING FRONT ELEVATION |
| 3       | PROPOSED SECOND FLOOR PLAN                               |
| 4       | PROPOSED FRONT, RIGHT SIDE & PARTIAL REAR ELEVATIONS     |
| 5       | PROPOSED SECTION/ PARTIAL<br>PROPOSED ROOF PLAN          |
|         |  |

### HATCH LEGEND: EXISTING WALL TO REMAIN

NEW FRAME WALL NEW SIDING TO MATCH EX. HOUSE NEW BRICK TO MATCH EX. HOUSE

NEW SHINGLE TO MATCH EX. HOUSE

EXISTING WALL TO BE REMOVED

#### MINDOM SCHEDULE

PROPOSED WINDOWS SHOWN ARE ANDERSEN 200 SERIES (VINYL SIZES)

| 그 그는 그리자를 하게 하게 하는 것이다. [12] 회사에 가를 취용하는 것이다. |                         |          |     |
|---|-------------------------|----------|-----|
| DOOR/ MINDOM                                  | UNIT DIMENSION          | U-FACTOR | QTY |
| TMIN 2846                                     | 5'-4"x4'-6"             | .34      | 1   |
| HALF ROUND TRANSOM                            | 5'-4" DIA. × 2'-8" TALL | .34      | 1   |
| 3050  | 3'-0"x5'-0"             | .34      | 2   |
| 2036 TEMPERED                                 | 2'-0"x3'-6"             | .34      | 1   |
|   |                         |          |     |

#### GENERAL NOTES

ALL PROPOSED EXTERIOR WALLS TO BE 2X6 @ 16" O/C W/ DBL. TOP PLATE \$ 7/16" EXTERIOR SHEATHING.

ALL PROPOSED INTERIOR NON-BEARING PARTITIONS TO BE 2X4 @ 16" O/C W/ SINGLE TOP PLATE U.N.O. ALL PROPOSED WINDOW ROUGH OPENING HEIGHTS TO

REFER TO FRAMING SUPPLIER'S LAYOUT FOR BRACING DETAILS & FRAMING INSTALLATION REQUIREMENTS (FOR NEW CONSTRUCTION)

FRAMING SUPPLIER'S SHOP DRAWINGS SUPERSEDE PROPOSED FRAMING LAYOUT HEREIN SUGGESTED.

# BE SET @ 6'-8" ABOVE FINISHED FLOOR U.N.O.

PROVIDE ADEQUATE CLEARANCE AT PROPOSED PLUMBING STACKS AS REQ'D.

> REVISED 10/5/2020 REVISED 9/29/2020 REVISED 2/25/2020 REVISED 2/12/2020 REVISED 1/21/2020

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PROJECT ADDRESS:

HOWARD COUNTY, MD.

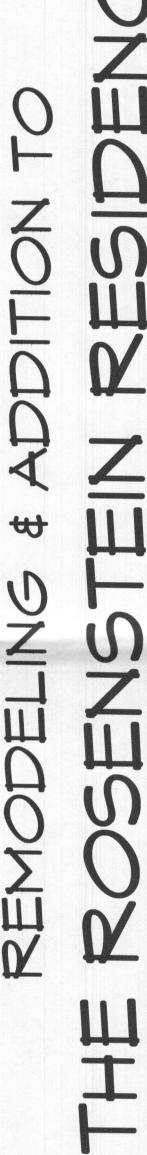
13008 TWELVE TREES COURT CLARKSVILLE, MD. 21029

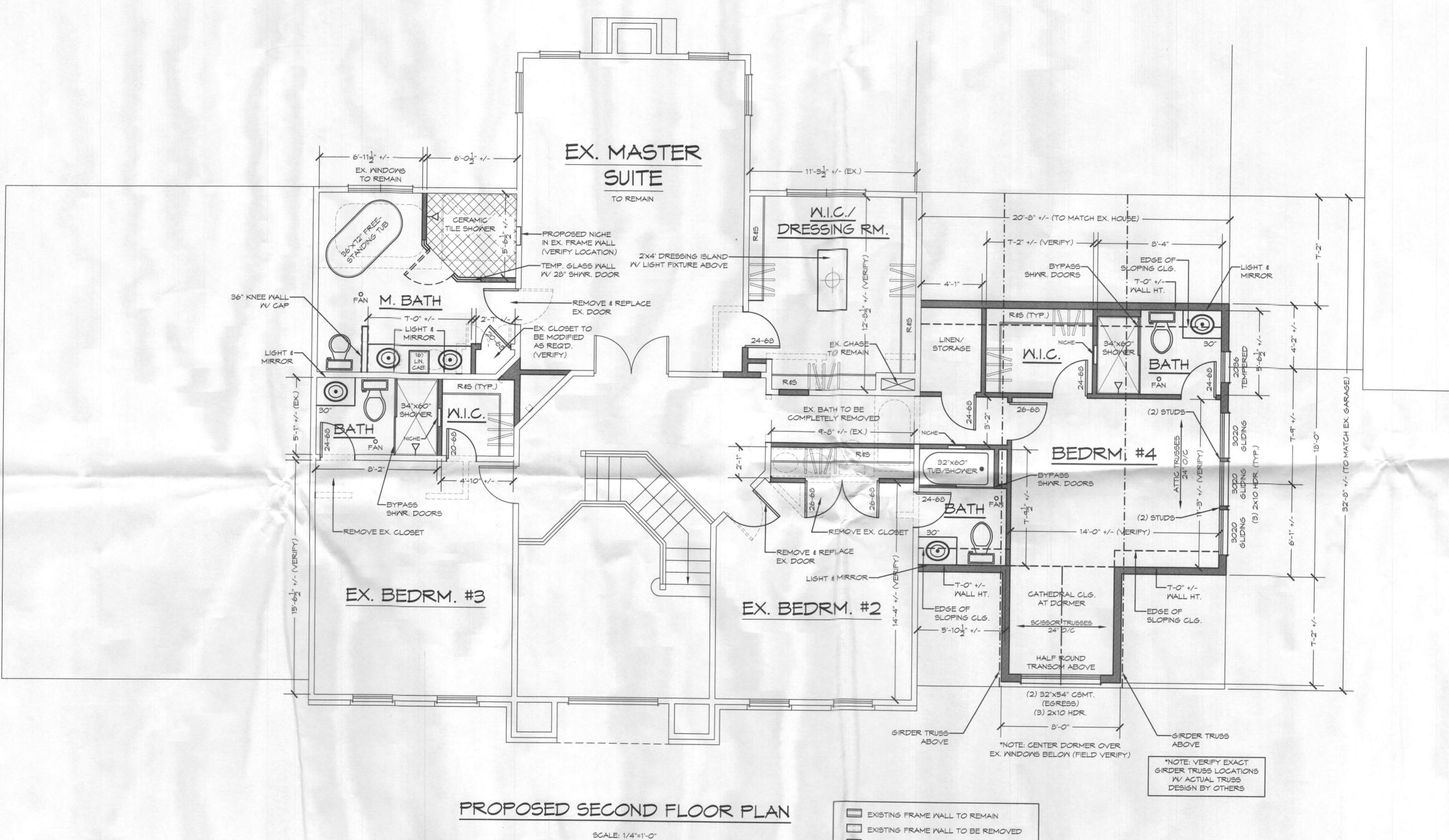


PROJECT ADDRESS:
13008 TWELVE TREES COURT
CLARKSVILLE, MD. 21029
HOWARD COUNTY, MD.

# 山 REMOD

#BL CUSTOM HOME
DESIGN INC.
PO BOX 237 FINKSBURG, MD 21048





EXISTING FRAME WALL TO BE REMOVED PROPOSED FRAME WALL

#### GENERAL NOTES:

-PROPOSED WINDOWS SHOWN ARE ANDERSEN 200 SERIES (VINYL SIZES) SIZES MEET OR EXCEED EGRESS CLEAR OPENING AREA OF 5.7 SQ.FT., CLEAR OPENING WIDTH OF 20" & CLEAR OPENING HEIGHT OF 24"

-FINAL GRADE SHOWN HEREON IS STRICTLY APPROXIMATE. CONTRACTOR TO FIELD VERIFY. -PROVIDE SMOKE DETECTOR TO BE HARD WIRED W/ BATTERY BACKUP. 1 AT NEW BEDROOM

R613.2 WINDOW SILLS ALL WINDOWS WHERE THE OPERABLE OPENING IS LOCATED MORE THAN 72" ABOVE FINISHED GRADE OR SURFACE BELOW, THE LOWEST PART OF THE CLEAR OPENING SHALL BE A MIN. OF 24" ABOVE THE FINISHED FLOOR OF THE ROOM IN WHICH THE WINDOW IS LOCATED. GLAZING BETWEEN THE FLOOR AND 24" SHALL BE FIXED OR HAVE OPENINGS THROUGH

EXCEPTIONS: 1. WINDOWS WHOSE OPENINGS WILL NOT ALLOW A 4" DIA. SPHERE TO PASS THROUGH THE OPENING WHEN THE OPENING IS IN ITS LARGEST

WHICH A 4" DIA. SPHERE CANNOT PASS.

OPENED POSITION. 2. OPENINGS THAT ARE PROVIDED WITH WINDOW GUARDS THAT COMPLY WITH ASTM F 2006 OR F 2090.

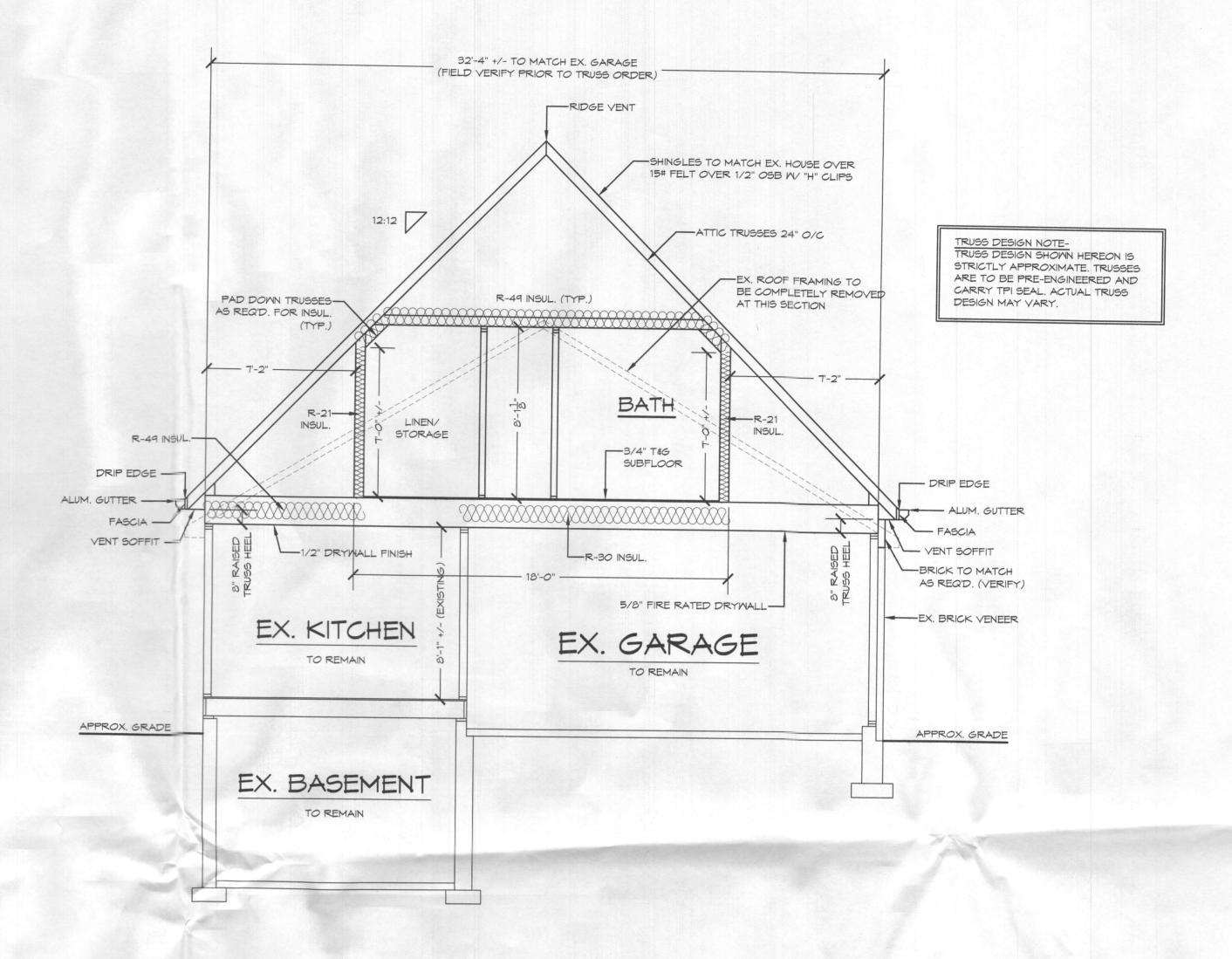


PROJECT ADDRESS:
13008 TWELVE TREES COURT
CLARKSVILLE, MD. 21029
HOWARD COUNTY, MD.

REMODELING & ADDITION TO ROSENSTEIN RESIDENCE

CUSTOM HOME
DESIGN INC.

OX 237 FINKSBURG, MD 21048
PHONE 410-833-8320



## PROPOSED SECTION "A"

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



PARTIAL PROPOSED ROOF PLAN

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

\*NOTE: CONTRACTOR TO FIELD VERIFY EXISTING ROOFING MODIFICATIONS WHERE NEW ATTIC TRUSSES & EXISTING ROOF

\*REMOVE EX. ROOF OVER-FRAMING AS REGID. & REPLACE OVER

EX ROOF FRAMING TO

REMAIN AT THIS SECTION

EX. ROOF FRAMS TO REMAIN AT THIS STION

GIRDER TRUSS (VERIFY W TRUSS MANUFACTURER'S SHOP DRAMASS)

NEW ATTIC TRUSSES.

FRAMING MEET.

RIDGE

12:12

12:12

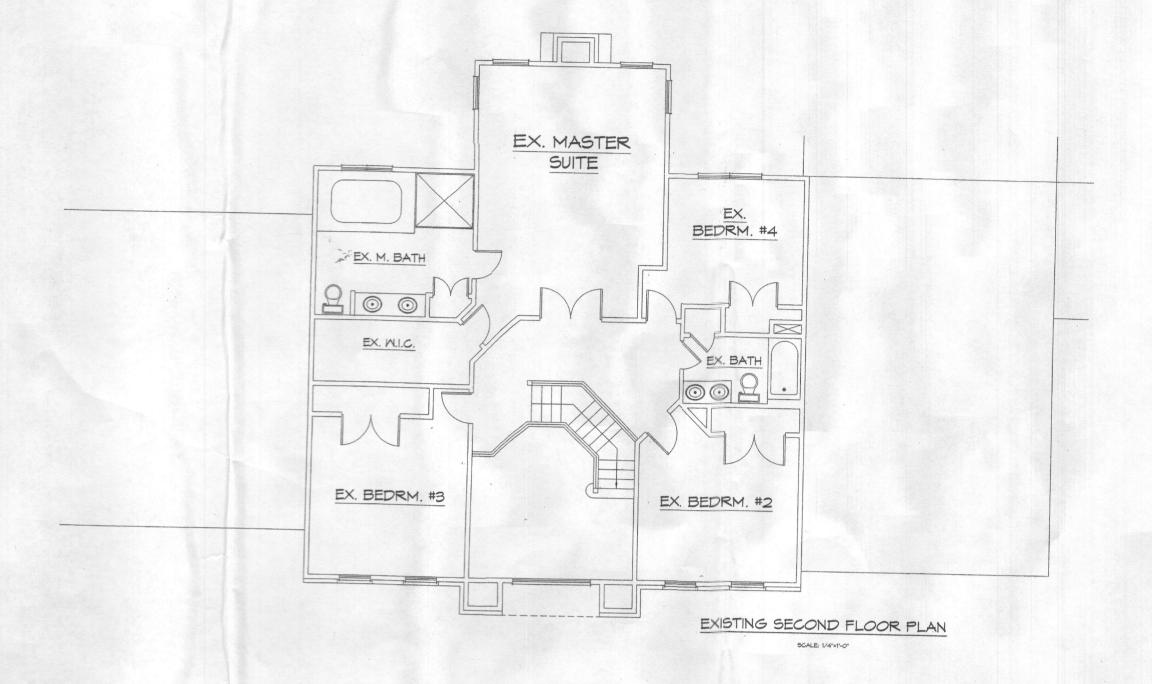
EX. ROOF FRAMING TO

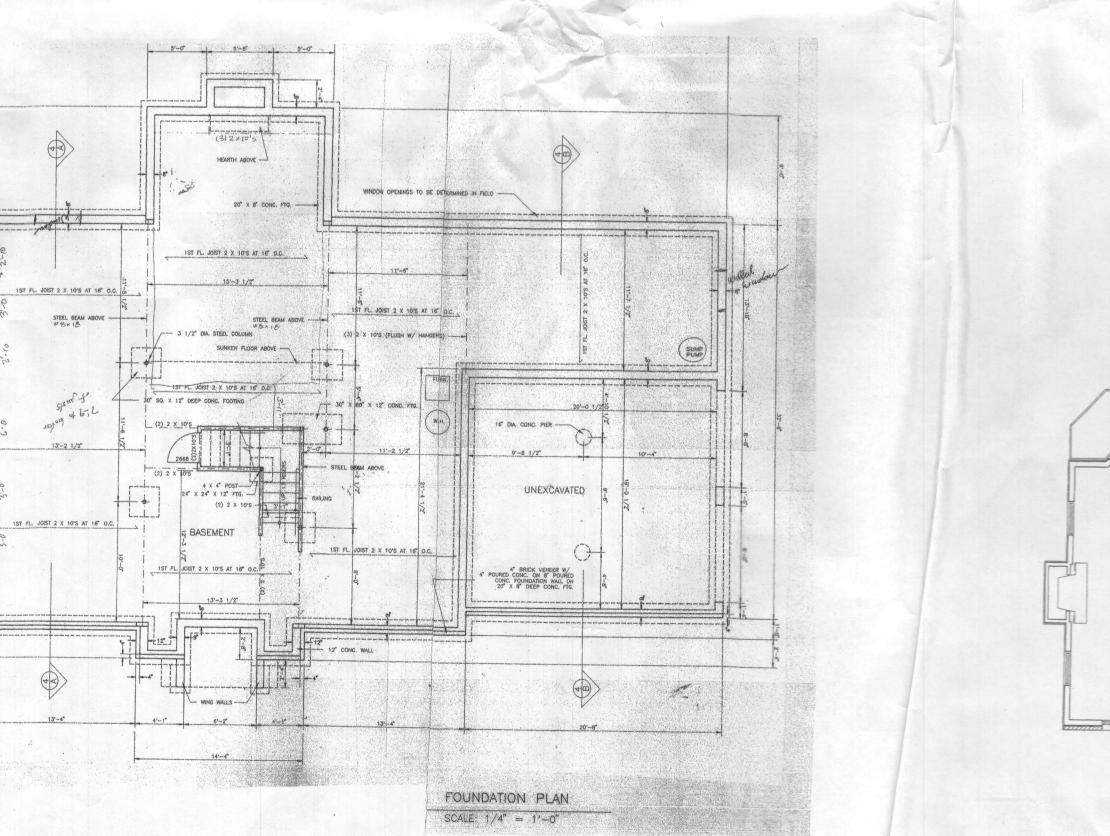
REMAIN AT THIS SECTION

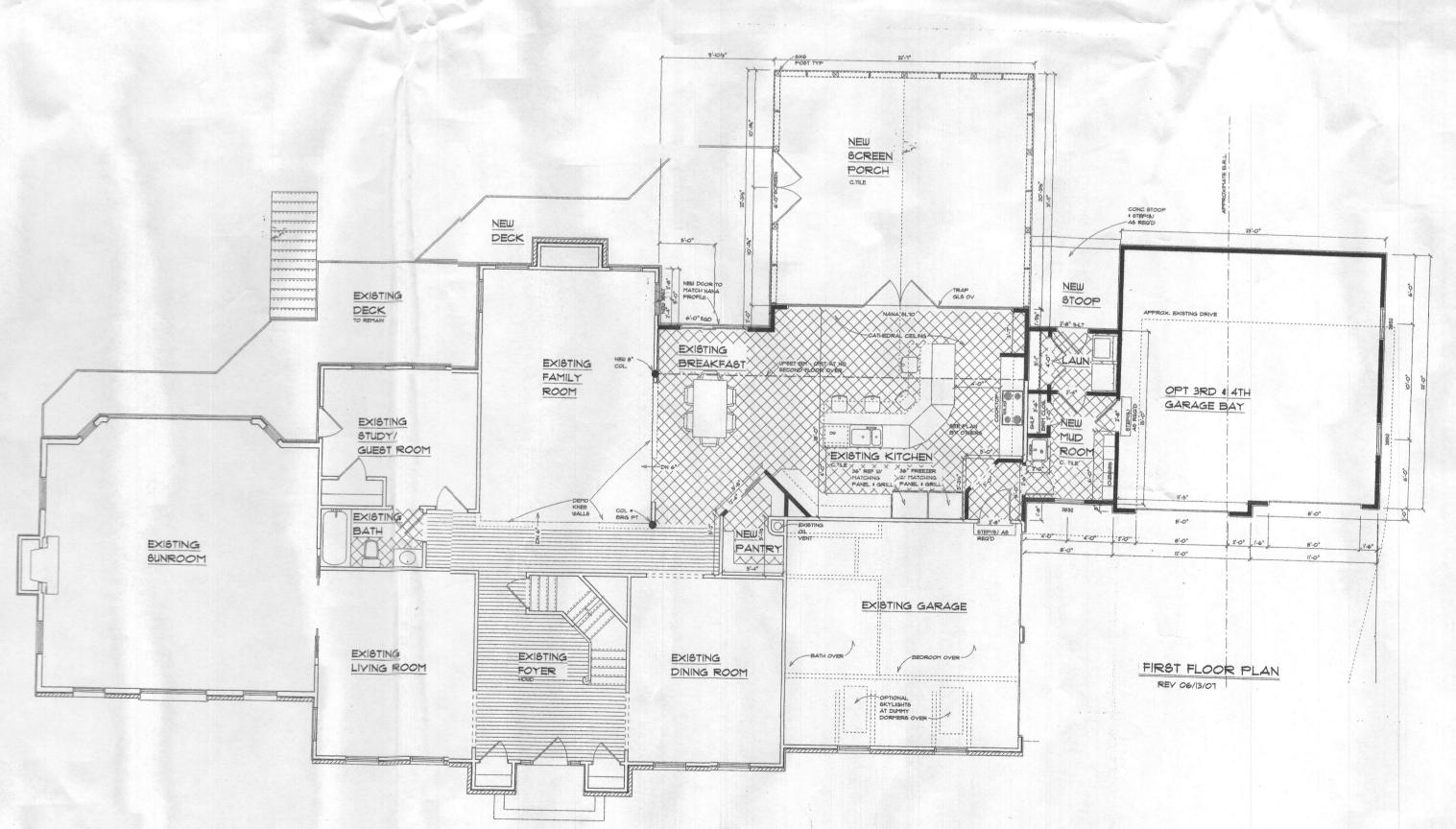
EX. ROOF FRAMING TO REMAIN AT THIS SECTION

GIRDER TRUSS (VERIFY W/— TRUSS MANUFACTURER'S SHOP DRAWINGS)

PROJECT ADDRESS: 13008 TWELVE TREES COURT CLARKSVILLE, MD. 21029 HOWARD COUNTY, MD.







| DATE: 11/2019<br>SHEET NO.: | SCALE:        |         |
|-----------------------------|---------------|---------|
|                             | DATE: 11/2019 |         |
|                             | SHEET NO.:    | - 3 2 2 |
|                             |               |         |