

# ELEVATION CERTIFICATE

IMPORTANT: Follow the instructions on pages 1-9.

OMB No. 1660-0008  
Expiration Date: July 31, 2015

## SECTION A - PROPERTY INFORMATION

FOR INSURANCE COMPANY USE

A1. Building Owner's Name **Brenda Wilkins**

Policy Number:

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or PO. Route and Box No.  
**2715 Hamilton Way**

Company NAIC Number:

City **Missoula**

State **MT**

ZIP Code **59804**

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)

**Lot 2, Stream Side Subdivision (THIS IS A PRE-CONSTRUCTION EC FOR AN ADDITION. SEE ATTACHMENT.)**

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) **Residential**

A5. Latitude/Longitude: Lat. **46.873369** Long. **-114.04353** Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number **9**

A8. For a building with a crawlspace or enclosure(s):

a) Square footage of crawlspace or enclosure(s) **1631** sq ft

b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade  
**0**

c) Total net area of flood openings in A8.b **0** sq in

d) Engineered flood openings? ☐ Yes ☒ No

A9. For a building with an attached garage:

a) Square footage of attached garage **505** sq ft

b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade **0**

c) Total net area of flood openings in A9.b **0** sq in

d) Engineered flood openings? ☐ Yes ☒ No

## SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number

**City of Missoula 300049**

B2. County Name

**Missoula**

B3. State

**MT**

B4. Map/Panel Number

**30063C1460 D**

B5. Suffix

**D**

B6. FIRM Index Date

**08/16/1988**

B7. FIRM Panel Effective/  
Revised Date

**08/16/1988**

B8. Flood Zone(s)

**X**

B9. Base Flood Elevation(s) (Zone  
AO, use base flood depth)

**N/A Zone X**

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:

☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other/Source:

B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source:

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No

Designation Date: \_\_\_\_/\_\_\_\_/\_\_\_\_ ☐ CBRS ☐ OPA

## SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☒ Construction Drawings\* ☐ Building Under Construction\* ☐ Finished Construction

\*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: **WGM Stream Side Benchmark** Vertical Datum: **NAVD88**

Indicate elevation datum used for the elevations in items a) through h) below. ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source:

Datum used for building elevations must be the same as that used for the BFE.

Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor) **3149 . 2** ☒ feet ☐ meters

b) Top of the next higher floor **3154 . 4** ☒ feet ☐ meters

c) Bottom of the lowest horizontal structural member (V Zones only) **N/A** ☐ feet ☐ meters

d) Attached garage (top of slab) **3152 . 4** ☒ feet ☐ meters

e) Lowest elevation of machinery or equipment servicing the building **3151 . 2** ☒ feet ☐ meters

(Describe type of equipment and location in Comments)

f) Lowest adjacent (finished) grade next to building (LAG) **3151 . 9** ☒ feet ☐ meters

g) Highest adjacent (finished) grade next to building (HAG) **3152 . 5** ☒ feet ☐ meters

h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support **3151 . 9** ☐ feet ☐ meters

## SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION


This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

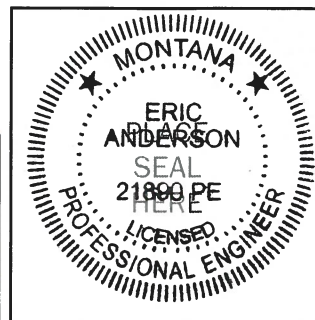
☒ Check here if comments are provided on back of form.

Were latitude and longitude in Section A provided by a

☒ Check here if attachments.

licensed land surveyor? ☐ Yes ☒ No

Certifier's Name <b>Eric Anderson</b>		License Number <b>21890</b>	
Title <b>Project Engineer</b>		Company Name <b>WGM Group</b>	
Address <b>1111 E. Broadway</b>		City <b>Missoula</b>	State <b>MT</b>
Signature 		ZIP Code <b>59802</b>	Date <b>06/19/2015</b>
		Telephone <b>(406) 552-8165</b>	



**ELEVATION CERTIFICATE, page 2**

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or PO. Route and Box No. <b>2715 Hamilton Way</b>			Policy Number:
City <b>Missoula</b>	State <b>MT</b>	ZIP Code <b>59804</b>	Company NAIC Number:

**SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)**

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments **VERTICAL DATUM CONVERSION: NAVD29 + 3.5' = NAVD88. SEE ATTACHMENT FOR ADDITIONAL COMMENTS.**

Signature

Date

**6/19/2015****SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)**

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).

a) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_ . \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.b) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_ . \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8–9 of Instructions),

the next higher floor (elevation C2.b in the diagrams) of the building is \_\_\_\_\_ . \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.E3. Attached garage (top of slab) is \_\_\_\_\_ . \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.E4. Top of platform of machinery and/or equipment servicing the building is \_\_\_\_\_ . \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.**SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION**

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner or Owner's Authorized Representative's Name

Address

City

State

ZIP Code

Signature

Date

Telephone

Comments

☐ Check here if attachments.**SECTION G – COMMUNITY INFORMATION (OPTIONAL)**

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.G3. ☐ The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued
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G7. This permit has been issued for: ☐ New Construction ☐ Substantial ImprovementG8. Elevation of as-built lowest floor (including basement) of the building: \_\_\_\_\_ . \_\_\_\_\_ ☐ feet ☐ meters Datum \_\_\_\_\_G9. BFE or (in Zone AO) depth of flooding at the building site: \_\_\_\_\_ . \_\_\_\_\_ ☐ feet ☐ meters Datum \_\_\_\_\_G10. Community's design flood elevation: \_\_\_\_\_ . \_\_\_\_\_ ☐ feet ☐ meters Datum \_\_\_\_\_

Local Official's Name

Title

Community Name

Telephone

Signature

Date

Comments

☐ Check here if attachments.

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.			Policy Number:
City	State	ZIP Code	Company NAIC Number:

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; “Front View” and “Rear View”; and, if required, “Right Side View” and “Left Side View.” When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.



West side of house.



South side of house.



<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.			Policy Number:
City	State	ZIP Code	Company NAIC Number:

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.



North Side of house.



East Side of house.

## **Section D – Continued**

Comments for Elevation Certificate for Lot 2 of Stream Side Subdivision  
2715 Hamilton Way

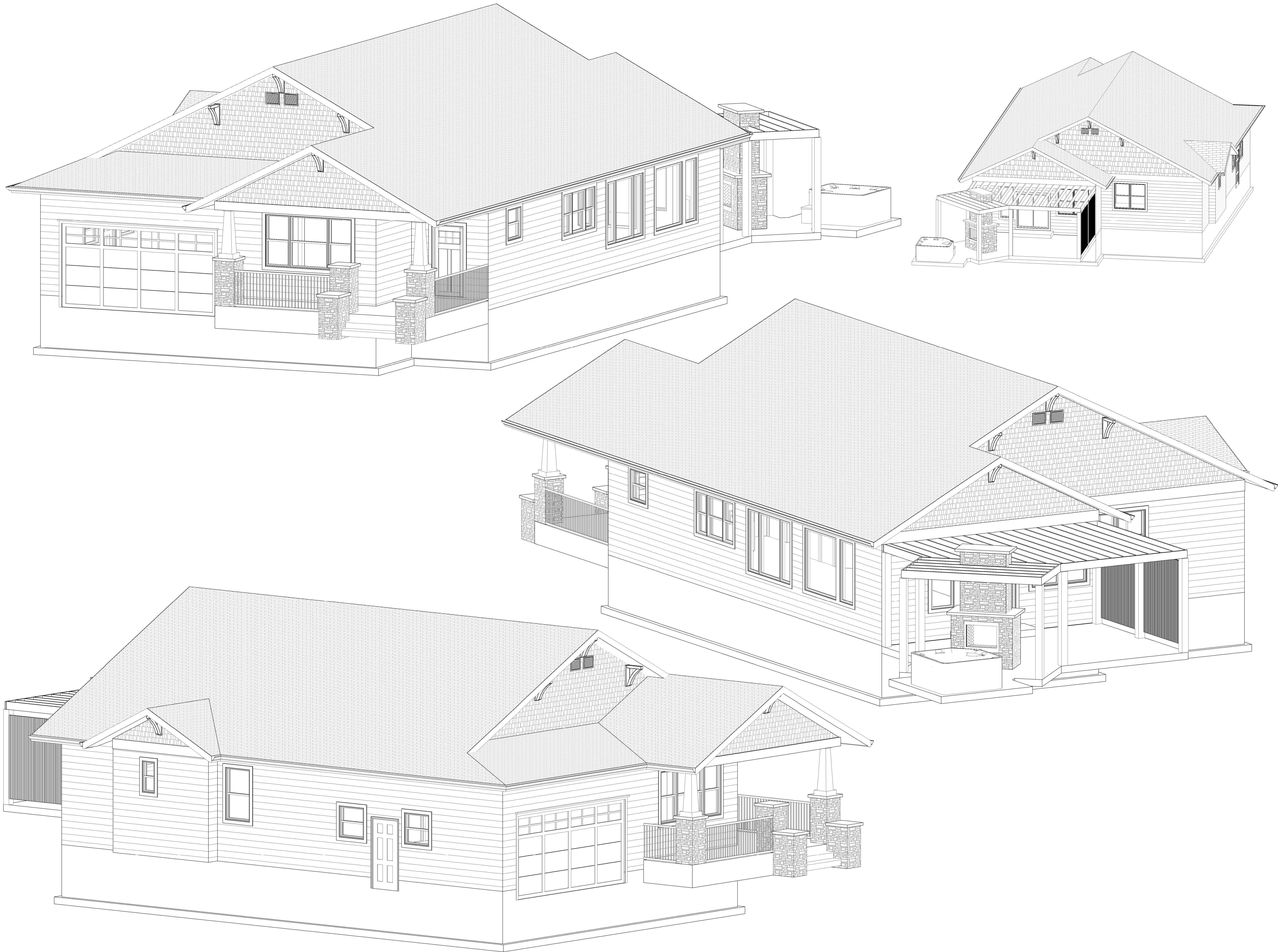
The FEMA Elevation Certificate (Form 086-0-33) is not applicable in areas designated as Zone X (areas determined to be outside 500-year floodplain). This certificate is being completed for an addition to the existing residential structure to comply with a condition of subdivision approval imposed by the City of Missoula on the Stream Side subdivision. The condition requires “the lowest floor, including basements, of any structure anywhere on the property shall be at least 2’ above the 100-year flood elevation of the Clark Fork River. Crawlspace floors may be at or above the elevation of the 100-year flood if they do not contain mechanical equipment. Elevation Certificates shall be submitted documenting the lowest floor and utility elevations are a minimum of 2’ above the base flood elevation”.

The 100-year flood elevation on the Clark Fork River adjacent to the residential structure was interpolated to be 3148.6 based on a NAVD 1988 datum.

Appropriate elevations for an Elevation Certificate were surveyed on June 17, 2015. On this date the first floor elevation was surveyed to be 3154.4, and the crawl space was surveyed to be 3149.2. The lowest elevation of machinery or equipment servicing the building is the ductwork in the crawlspace, which is 2.6 feet above the BFE at elevation 3151.2. This survey indicates that all existing elevations meet the City’s condition of subdivision approval displayed on the recorded plat.

**The design drawings by Westcraft Homes (dated May 22, 2015), provided by the owner, for the proposed addition on the southeast portion of the structure indicate that the first floor elevation of the addition will remain the same as the existing first floor (EL = 3154.4). New machinery and equipment servicing the new addition are not indicated on the drawings, but will be at least 2 feet above the base flood elevation (min EL = 3150.6) according to the owner. The new crawlspace elevation for the addition is not indicated on the drawings, but the minimum elevation will be EL = 3148.6 according to the owner.**





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59937  
PHONE: 1-(406)-862-3300  
FAX: 1-(406)-862-3255

REVISION #: 1  
MAIN FLOOR SQ.FT: N/A  
BSMT FLOOR SQ.FT: N/A F N/A UN-F  
GARAGE SQ.FT: N/A

TOTAL SQ/FT:  
N/A SQ.FT.

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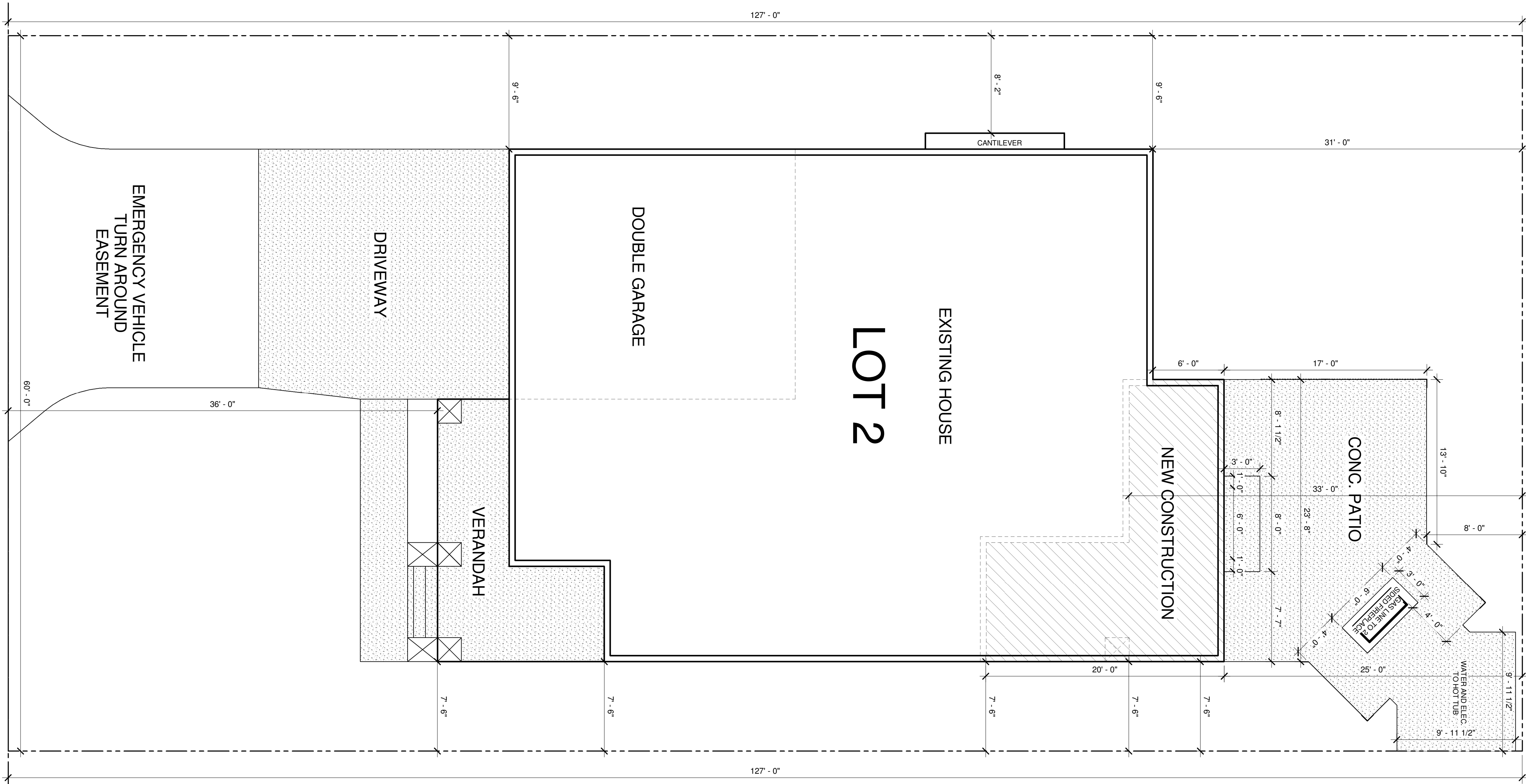
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WILKINS  
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RENOVATION

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HAMILTON WAY



SITE PLAN SCALE --- 3/16" = 1'0"



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FRONT ELEVATION



REAR ELEVATION



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BSMT FLOOR SQ.FT: N/A F N/A UN-F  
GARAGE SQ.FT: N/A

TOTAL SQ/FT:  
N/A SQ.FT.

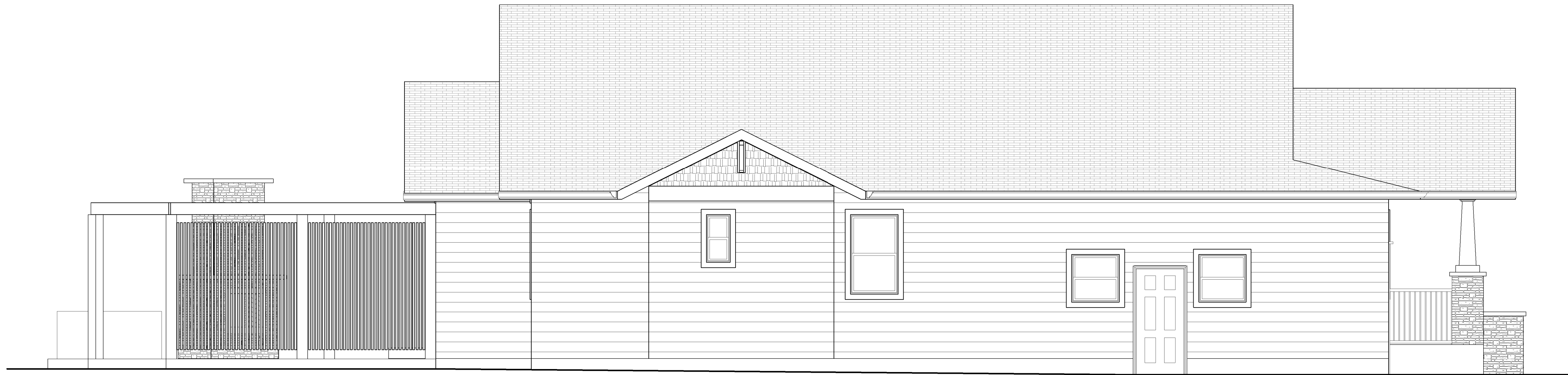
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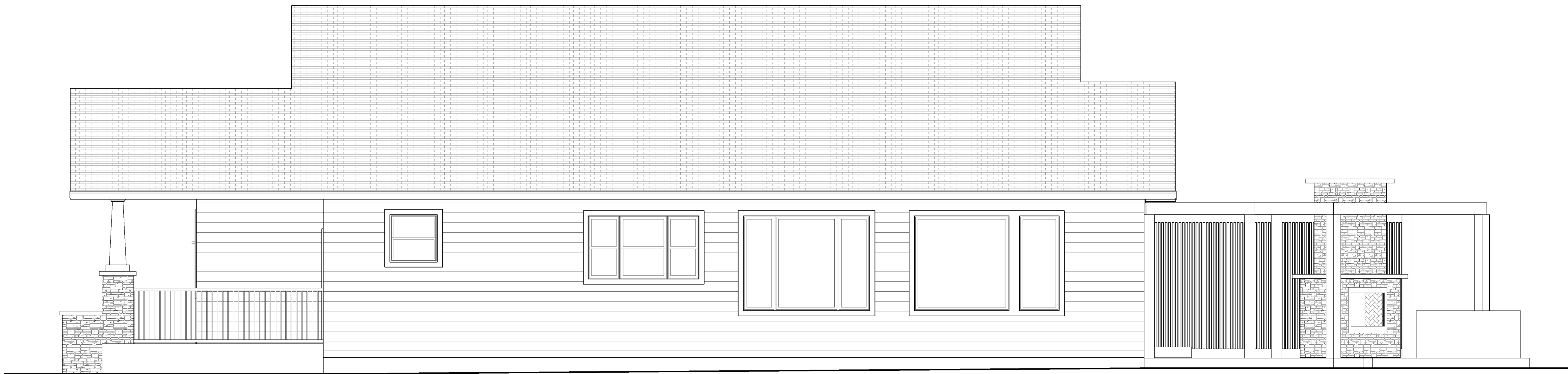
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LEFT ELEVATION



RIGHT ELEVATION



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GARAGE SQ.FT: N/A

TOTAL SQ/FT:  
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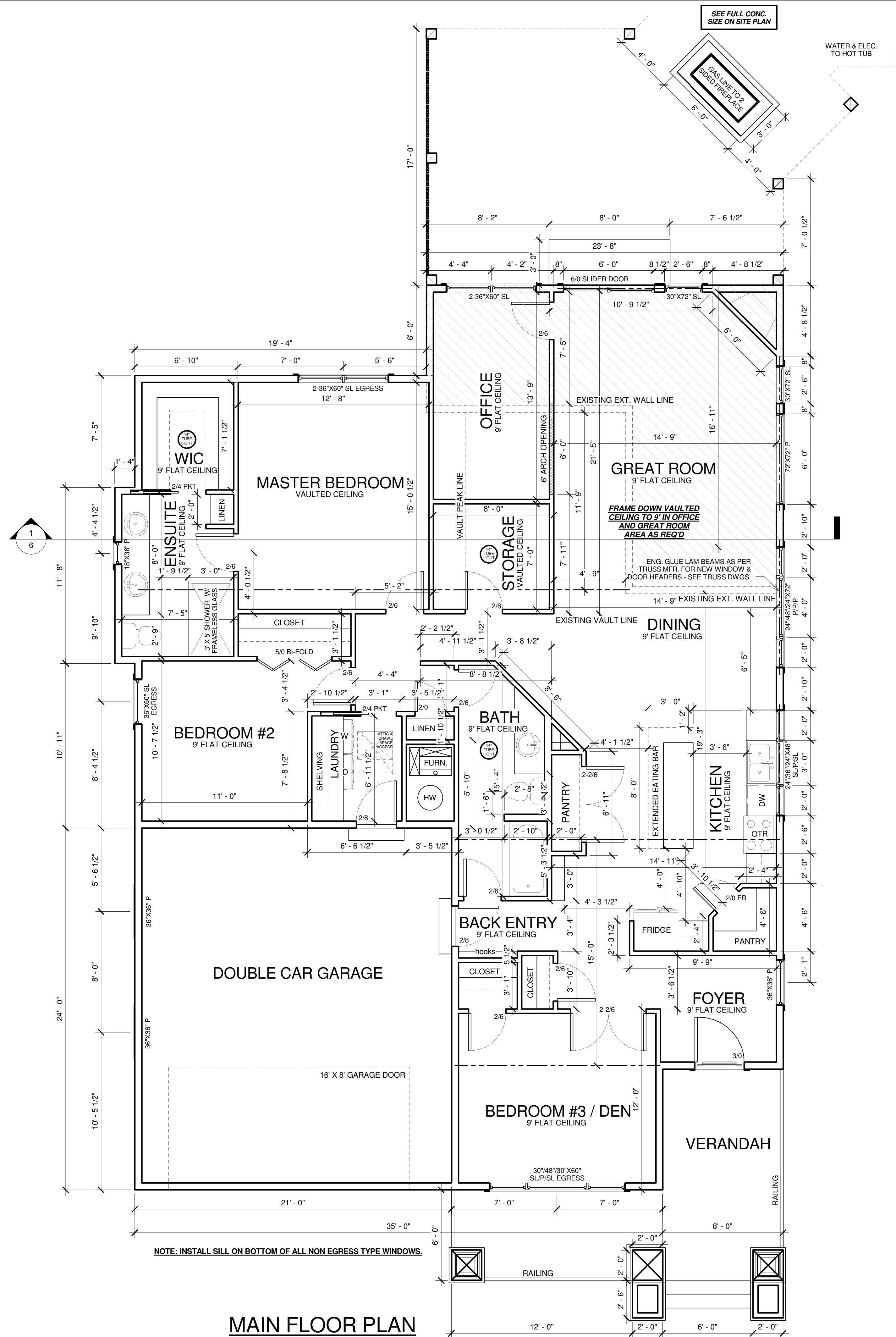
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MAIN FLOOR PLAN



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MAIN FLOOR SQ.FT: N/A  
BSMT FLOOR SQ.FT: N/A F N/A UN-F  
GARAGE SQ.FT: N/A

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ROOF PLAN - PAGE #7

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[illegible]

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[illegible]

CLIENT NAME:

CLIENT NAME:

WILKINS

ADDRESS
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ADDRESS:  
6315 HAMILTONWAY

2715 HAMILTON WAY

MODEL:

## RENOVATION

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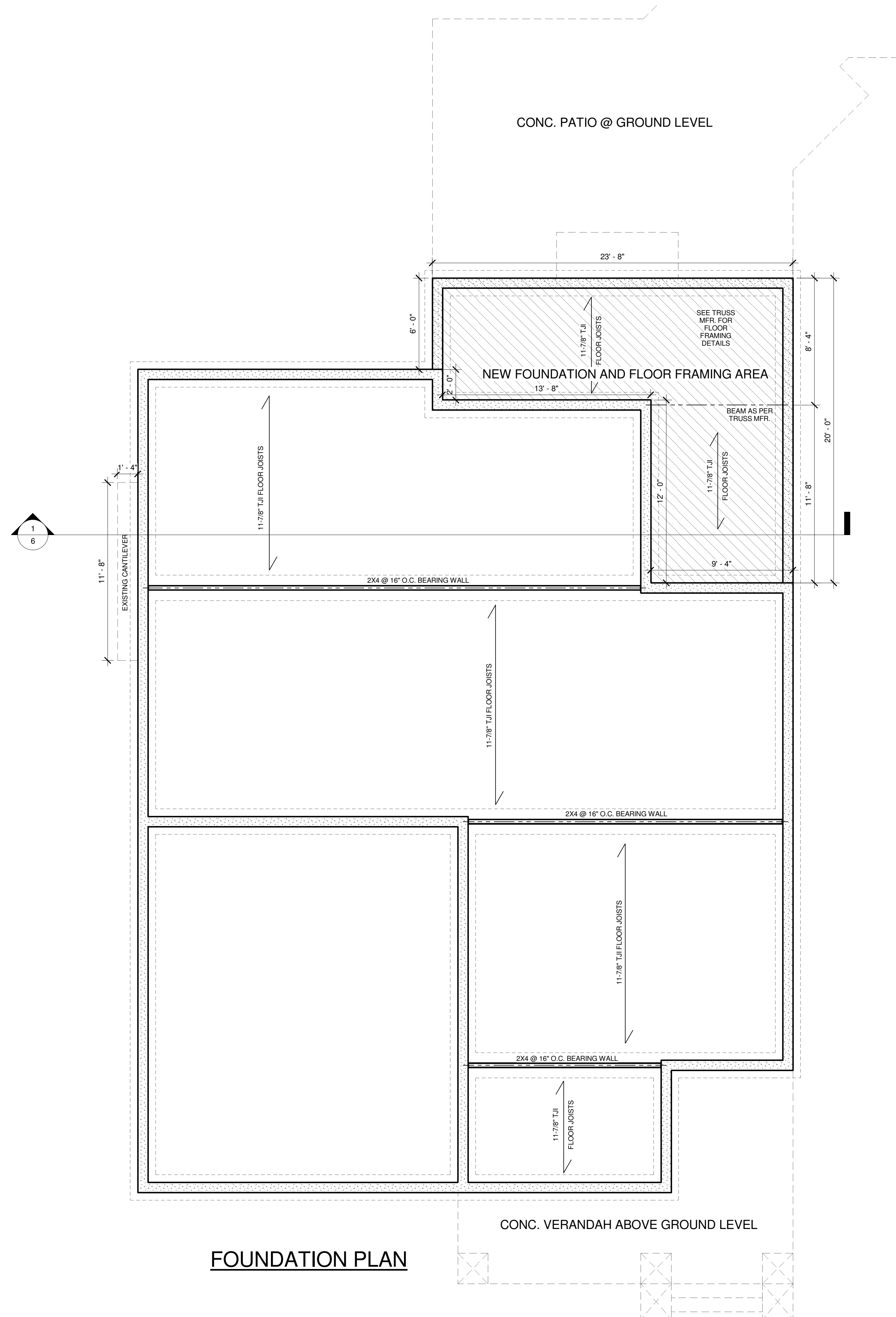
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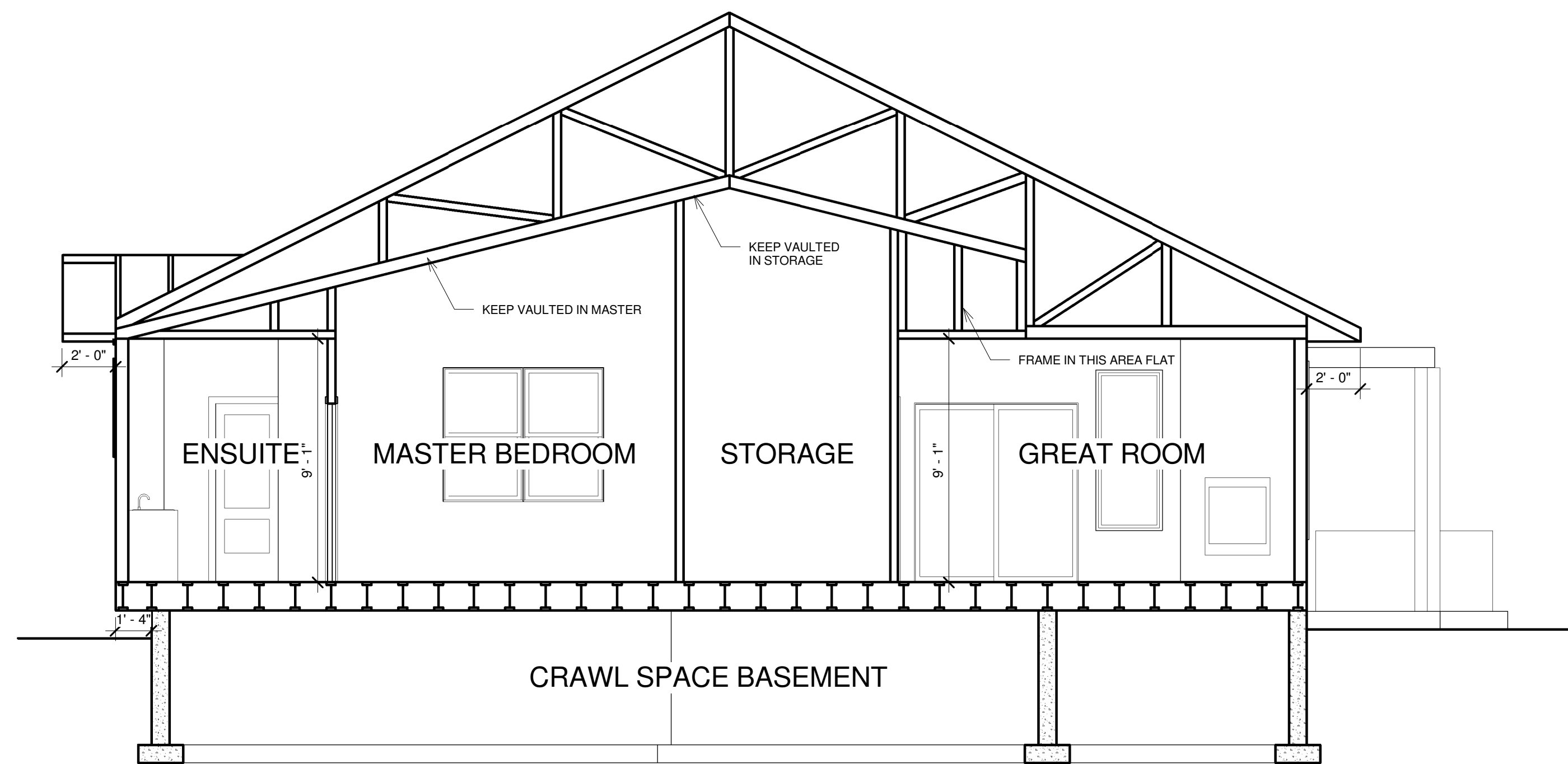
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## FOUNDATION PLAN





SECTION A



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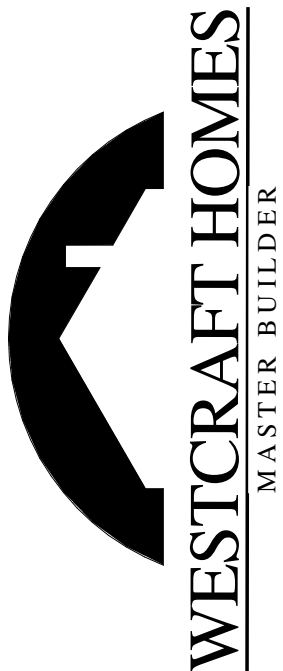
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GARAGE SQ.FT: N/A

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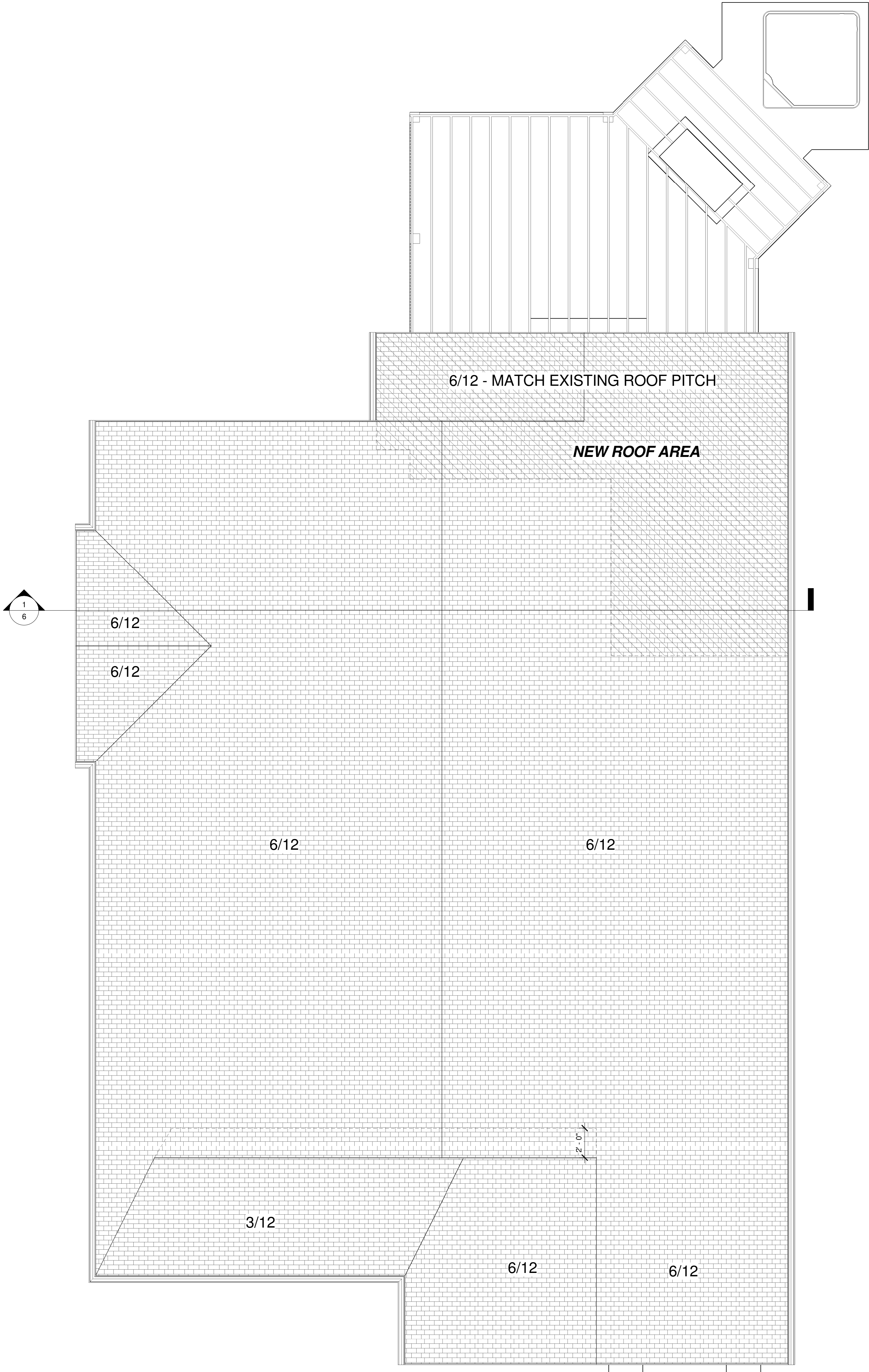
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ROOF PLAN - PAGE #7

CLIENT NAME: WILKINS  
ADDRESS: 2715 HAMILTON WAY

MODEL:  
RENOVATION

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CONTACT: BROCK FULKERTH  
DATE: MAY 22ND, 2015  
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ROOF PLAN