

EL E V A T I O N C E R T I F I C A T E

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 P.O. 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.) <u>Residential</u>						
A5. Latitude/Longitude: Lat. <u>46.873369</u> Long. <u>-114.04353</u>			Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> 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 <u>9</u>						
A8. For a building with a crawlspace or enclosure(s):			A9. For a building with an attached garage:			
a) Square footage of crawlspace or enclosure(s)	<u>1631</u>	sq ft	a) Square footage of attached garage	<u>505</u>	sq ft	
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade	<u>0</u>		b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade	<u>0</u>		
c) Total net area of flood openings in A8.b	<u>0</u>	sq in	c) Total net area of flood openings in A9.b	<u>0</u>	sq in	
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.

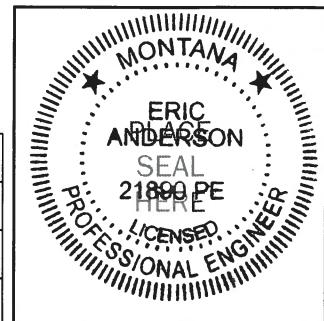
a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	<u>3149</u> . <u>2</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
b) Top of the next higher floor	<u>3154</u> . <u>4</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>N/A</u> . _____	<input type="checkbox"/> feet	<input type="checkbox"/> meters
d) Attached garage (top of slab)	<u>3152</u> . <u>4</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	<u>3151</u> . <u>2</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>3151</u> . <u>9</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>3152</u> . <u>5</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<u>3151</u> . <u>9</u>	<input type="checkbox"/> feet	<input type="checkbox"/> 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 licensed land surveyor? Yes No

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



ELEVATION CERTIFICATE, page 2

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 PO. Route and Box No. 2715 Hamilton Way			Policy Number:
City Missoula	State MT	ZIP Code 59804	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
-------------------	------------------------	---

G7. This permit has been issued for: New Construction Substantial Improvement

G8. 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.

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 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.



WESTCRAFT HOMES

P.O. BOX 1117
WHITEFISH, MONTANA, USA
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.

(C)

These drawings are COPYRIGHTED by
Westcraft Homes

All rights reserved, including
reproduction in any form.
No copies allowed without permission IN
WRITING from Westcraft Homes
-Infringement upon this Copyright is
subject to legal prosecution.

SITE PLAN - PAGE #1

FRONT/REAR ELEVATION - PAGE #2

LEFT/RIGHT ELEVATION - PAGE #3

MAIN FLOOR PLAN - PAGE #4

FOUNDATION PLAN - PAGE #5

CROSS SECTION A - PAGE #6

ROOF PLAN - PAGE #7

CLIENT NAME:
WILKINS

ADDRESS:
2715 HAMILTON WAY

MODEL:
RENOVATION

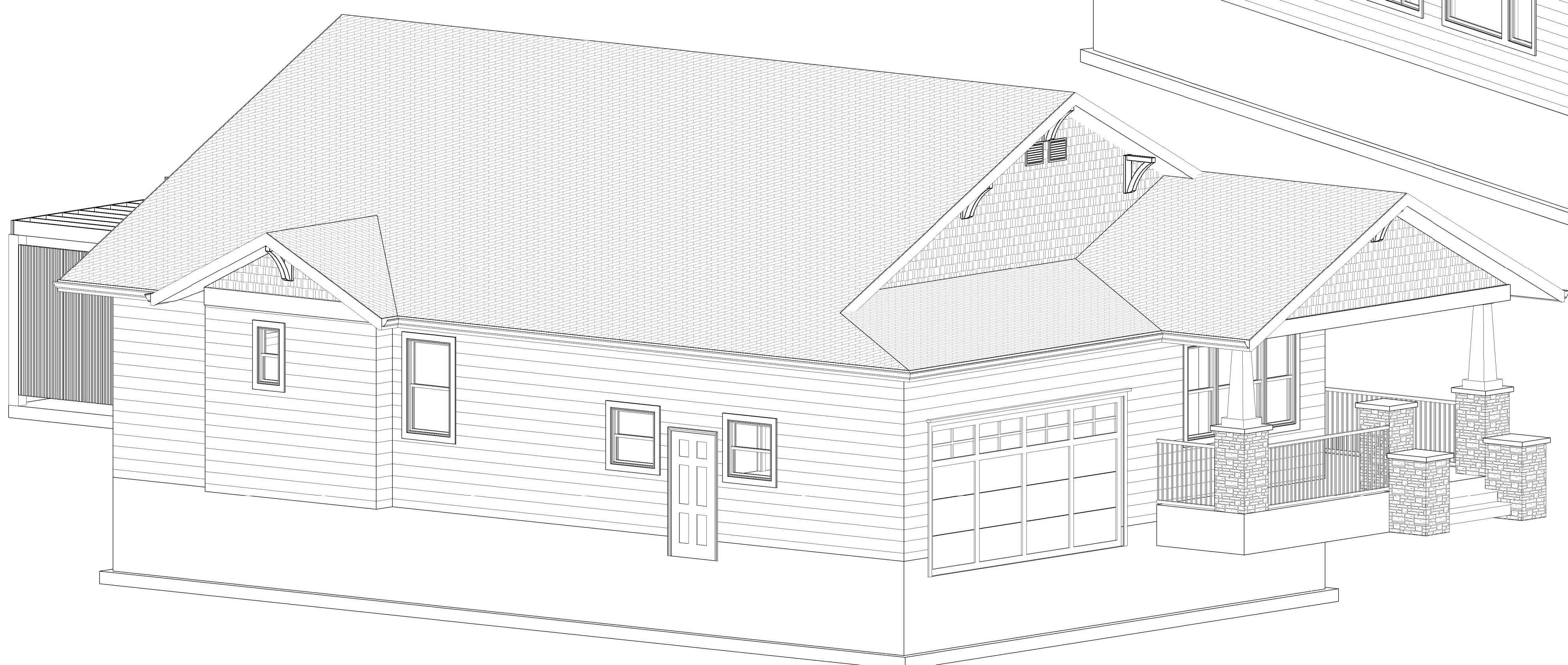
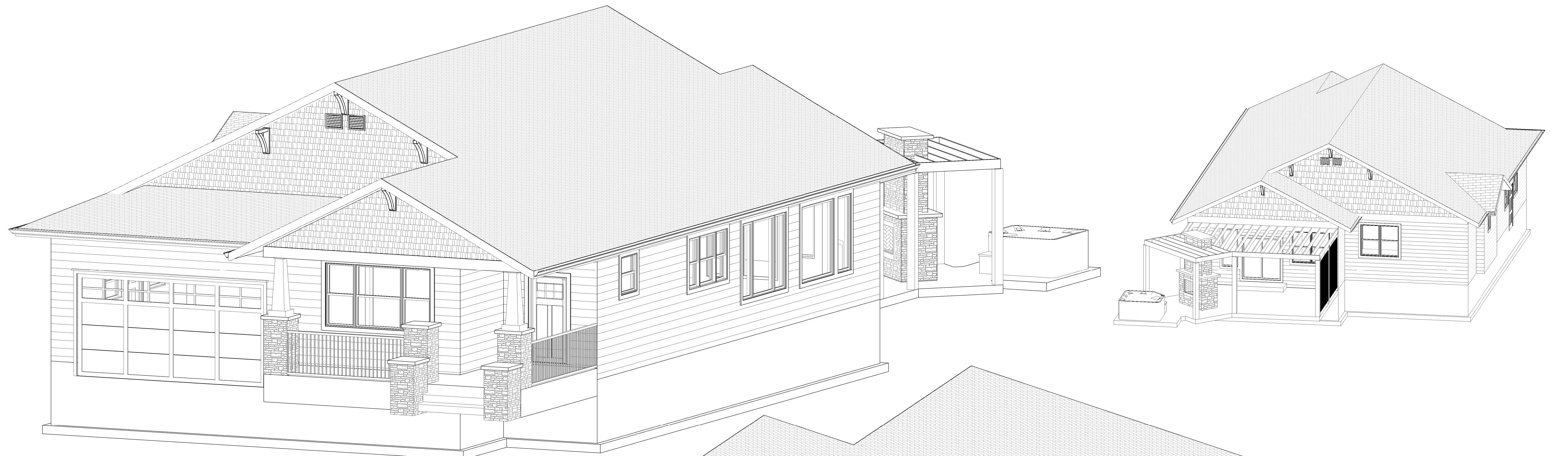
DRAWN BY: BROCK FULKERTH

CONTACT: BROCK FULKERTH

DATE: MAY 22ND, 2015

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

PAGE:



WESTCRAFT HOMES

P.O. BOX 1117
WHITEFISH, MONTANA, USA
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.

(C) These drawings are COPYRIGHTED by Westcraft Homes
All rights reserved, including reproduction in any form.
No copies allowed without permission IN WRITING from Westcraft Homes
-Infringement upon this Copyright is subject to legal prosecution.

SITE PLAN - PAGE #1
FRONT/REAR ELEVATION - PAGE #2
LEFT/RIGHT ELEVATION - PAGE #3
MAIN FLOOR PLAN - PAGE #4
FOUNDATION PLAN - PAGE #5
CROSS SECTION A - PAGE #6
ROOF PLAN - PAGE #7

CLIENT NAME:
WILKINS

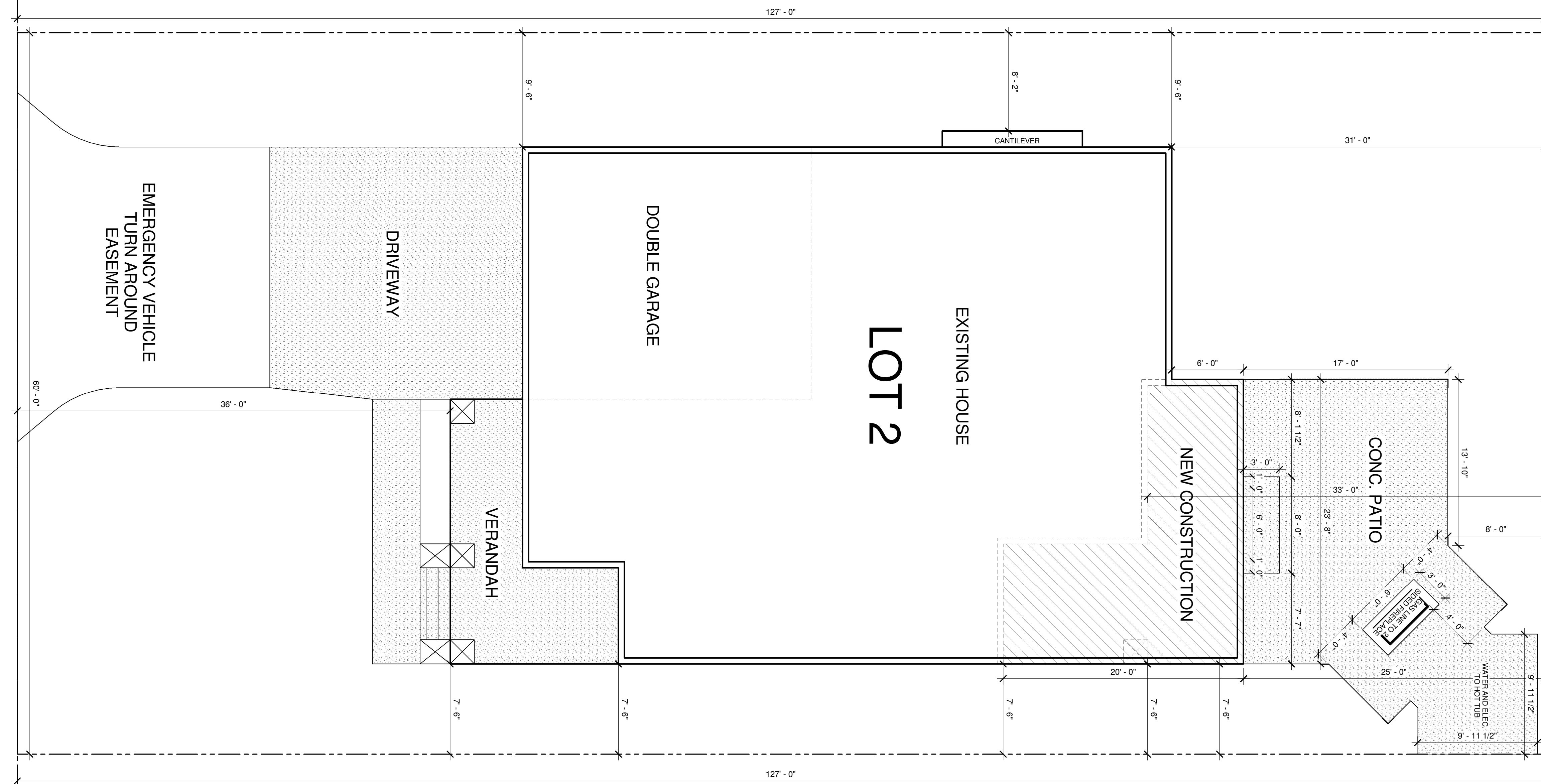
ADDRESS:
2715 HAMILTON WAY

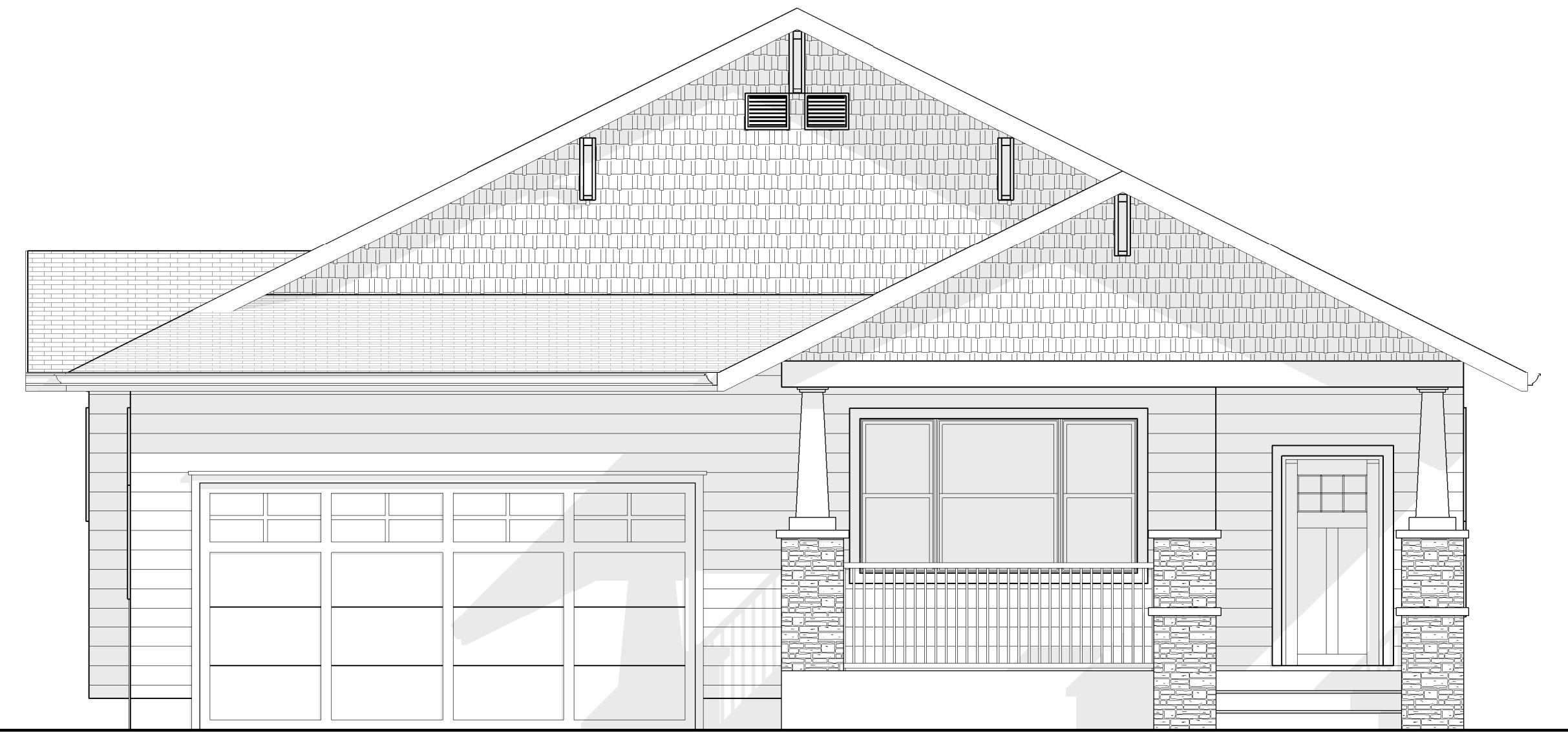
MODEL:
RENOVATION

DRAWN BY: BROCK FULKERTH
CONTACT: BROCK FULKERTH
DATE: MAY 22ND, 2015
SCALE: 1/4"=1'-0"

PAGE:
1 OF 7

HAMILTON WAY





FRONT ELEVATION



REAR ELEVATION

WESTCRAFT HOMES
P.O. BOX 1117
WHITEFISH, MONTANA, USA
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.

(C)
These drawings are COPYRIGHTED by
Westcraft Homes
All rights reserved, including
reproduction in any form.
No copies allowed without permission IN
WRITING from Westcraft Homes
-Infringement upon this Copyright is
subject to legal prosecution.

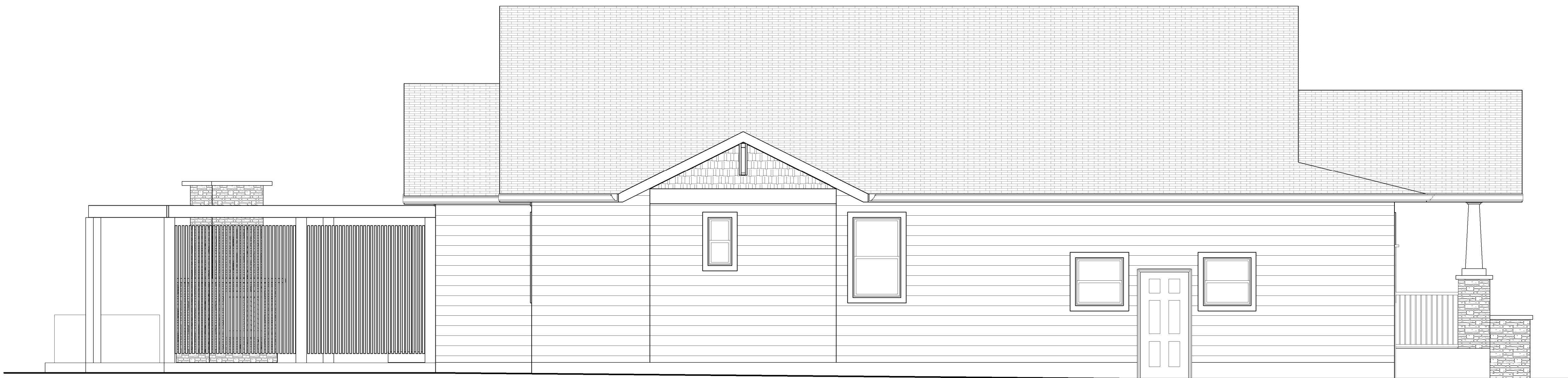
SITE PLAN - PAGE #1
FRONT/REAR ELEVATION - PAGE #2
LEFT/RIGHT ELEVATION - PAGE #3
MAIN FLOOR PLAN - PAGE #4
FOUNDATION PLAN - PAGE #5
CROSS SECTION A - PAGE #6
ROOF PLAN - PAGE #7

CLIENT NAME:
WILKINS

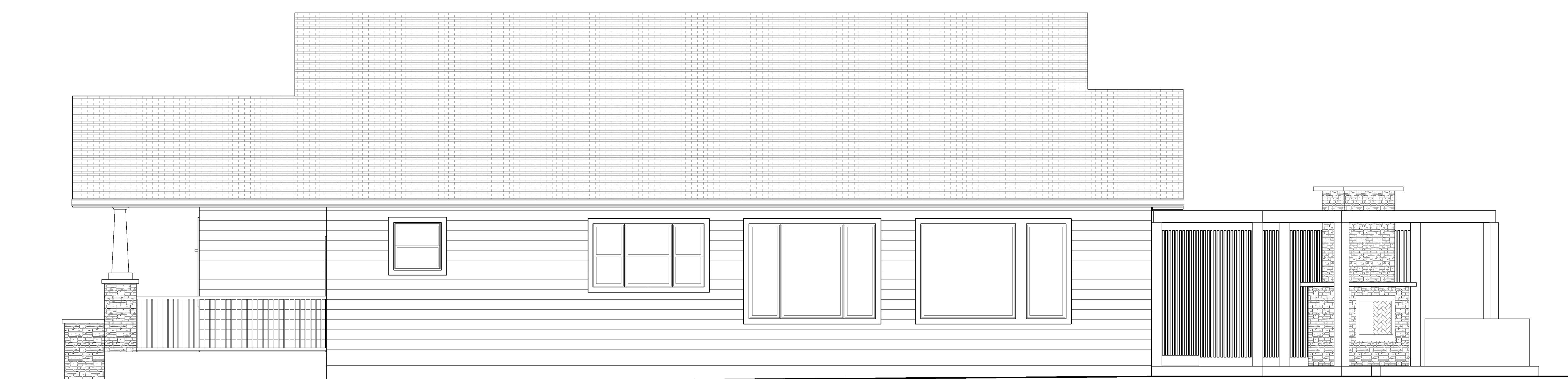
ADDRESS:
2715 HAMILTON WAY

MODEL:
RENOVATION

DRAWN BY: BROCK FULKERTH	PAGE:
CONTACT: BROCK FULKERTH	
DATE: MAY 22ND, 2015	
SCALE: 1/4"=1'-0"	2 OF 7



LEFT ELEVATION



RIGHT ELEVATION

WESTCRAFT HOMES
P.O. BOX 1117
WHITEFISH, MONTANA, USA
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.

(C)
These drawings are COPYRIGHTED by
Westcraft Homes

All rights reserved, including
reproduction in any form.
No copies allowed without permission IN
WRITING from Westcraft Homes
-Infringement upon this Copyright is
subject to legal prosecution.

SITE PLAN - PAGE #1
FRONT/REAR ELEVATION - PAGE #2
LEFT/RIGHT ELEVATION - PAGE #3
MAIN FLOOR PLAN - PAGE #4
FOUNDATION PLAN - PAGE #5
CROSS SECTION A - PAGE #6
ROOF PLAN - PAGE #7

CLIENT NAME:
WILKINS

ADDRESS:
2715 HAMILTON WAY

MODEL:
RENOVATION

DRAWN BY: BROCK FULKERTH	PAGE:
CONTACT: BROCK FULKERTH	3 OF 7
DATE: MAY 22ND, 2015	
SCALE: 1/4"=1'-0"	



WESTCRAFT HOMES

MASTER BUILDER

WESTCRAFT HOMES

P.O. BOX 1117
WHITEFISH, MONTANA, USA
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.

These drawings are COPYRIGHTED by
Westcraft Homes

All rights reserved, including
reproduction in any form.
No copies allowed without permission IN
WRITING from Westcraft Homes
-Infringement upon this Copyright is
subject to legal prosecution.

- SITE PLAN - PAGE #1
- FRONT/REAR ELEVATION - PAGE #2
- LEFT/RIGHT ELEVATION - PAGE #3
- MAIN FLOOR PLAN - PAGE #4
- FOUNDATION PLAN - PAGE #5
- CROSS SECTION A - PAGE #6
- BOOF PLAN - PAGE #7

CLIENT NAME: **WILKINS**

ADDRESS:
2715 HAMILTON WAY

MODEL: RFNOVATION

DRAWN BY: BROCK FULKERTH

CONTACT: BROCK FULKERTH

DATE: MAY 22ND, 2015

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

PAGE:
4 OF 7

MAIN FLOOR PLAN

SEE FULL CONC. SIZE ON SITE PLAN

WATER & ELEC. TO HOT TUB

MASTER BEDROOM VAULTED CEILING

BEDROOM #2 9' FLAT CEILING

DOUBLE CAR GARAGE

BACK ENTRY 9' FLAT CEILING

BATH 9' FLAT CEILING

STORAGE VAULTED CEILING

OFFICE 9' FLAT CEILING

GREAT ROOM 9' FLAT CEILING

DINING 9' FLAT CEILING

KITCHEN 9' FLAT CEILING

FOYER 9' FLAT CEILING

VERANDAH

NOTE: INSTALL SILL ON BOTTOM OF ALL NON EGRESS TYPE WINDOWS.

SEE FULL CONC. SIZE ON SITE PLAN

WATER & ELEC. TO HOT TUB

MAIN FLOOR PLAN

WESTCRAFT HOMES
P.O. BOX 1117
WHITEFISH, MONTANA, USA
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.

(C)
These drawings are COPYRIGHTED by
Westcraft Homes
All rights reserved, including
reproduction in any form.
No copies allowed without permission IN
WRITING from Westcraft Homes
-Infringement upon this Copyright is
subject to legal prosecution.

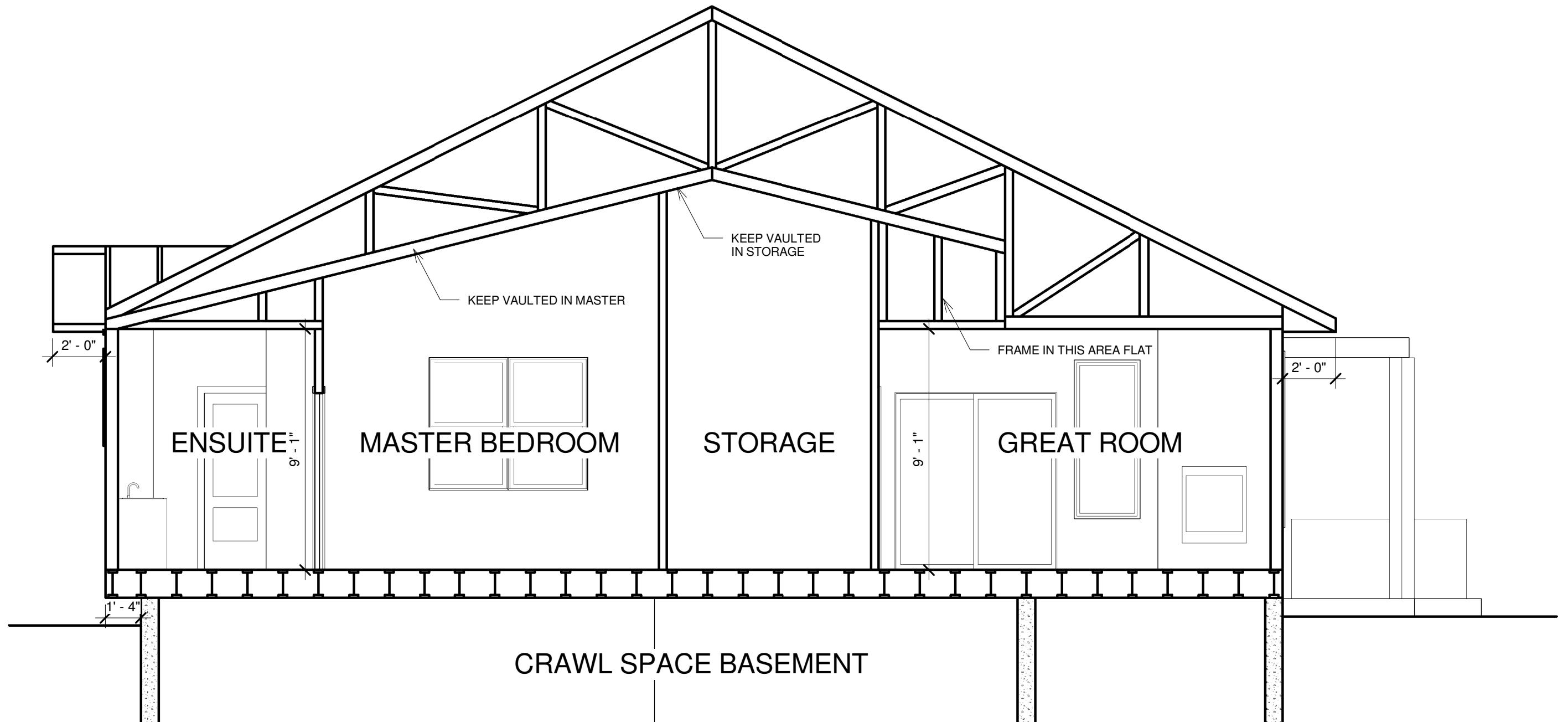
SITE PLAN - PAGE #1
FRONT/REAR ELEVATION - PAGE #2
LEFT/RIGHT ELEVATION - PAGE #3
MAIN FLOOR PLAN - PAGE #4
FOUNDATION PLAN - PAGE #5
CROSS SECTION A - PAGE #6
ROOF PLAN - PAGE #7

CLIENT NAME:
WILKINS

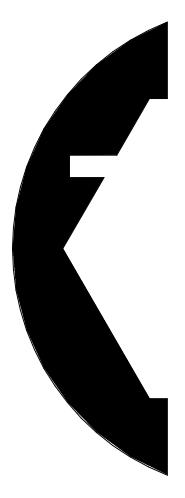
ADDRESS:
2715 HAMILTON WAY

MODEL:
RENOVATION

DRAWN BY: BROCK FULKERTH	PAGE:
CONTACT: BROCK FULKERTH	
DATE: MAY 22ND, 2015	
SCALE: 1/4"=1'-0"	6 OF 7



SECTION A



WESTCRAFT HOMES
MASTER BUILDER

WESTCRAFT HOMES
P.O. BOX 1117
WHITEFISH, MONTANA, USA
59837
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.

(C)

These drawings are COPYRIGHTED by
Westcraft Homes
All rights reserved, including
reproduction in any form.
No copies allowed without permission IN
WRITING from Westcraft Homes
-Infringement upon this Copyright is
subject to legal prosecution.

SITE PLAN - PAGE #1

FRONT/REAR ELEVATION - PAGE #2

LEFT/RIGHT ELEVATION - PAGE #3

MAIN FLOOR PLAN - PAGE #4

FOUNDATION PLAN - PAGE #5

CROSS SECTION A - PAGE #6

ROOF PLAN - PAGE #7

CLIENT NAME:
WILKINS

ADDRESS:
2715 HAMILTON WAY

MODEL:

RENOVATION

DRAWN BY: BROCK FULKERTH

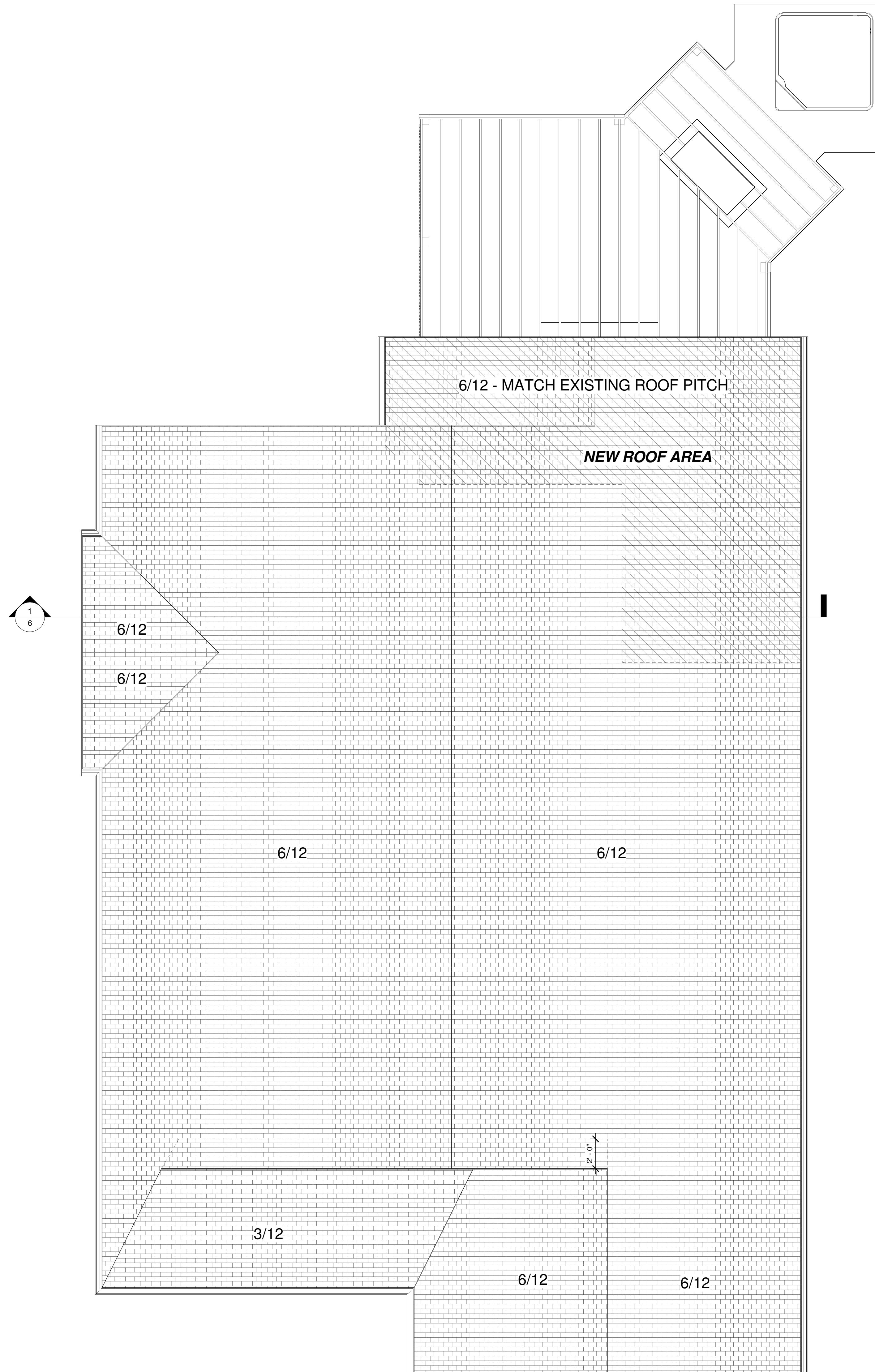
CONTACT: BROCK FULKERTH

DATE: MAY 22ND, 2015

PAGE:

7 OF 7

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



ROOF PLAN