

# ELEVATION CERTIFICATE

**Important:** Follow the instructions on pages 1–9.

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

SECTION A – PROPERTY INFORMATION				FOR INSURANCE COMPANY USE	
A1. Building Owner's Name Edgell Building, Inc.				Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 375 Stonybrook Drive				Company NAIC Number:	
City Missoula		State Montana		ZIP Code 59804	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 32, Stonybrook Drive, Stonybrook Subdivision, Phase 1 (PRE-CONSTRUCTION ELEVATION CERTIFICATE)					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Residential</u>					
A5. Latitude/Longitude: Lat. <u>N 46.8777744</u> Long. <u>W 114.1237634</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):					
a) Square footage of crawlspace or enclosure(s) <u>1450.00</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>					
c) Total net area of flood openings in A8.b <u>N/A</u> sq in					
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
A9. For a building with an attached garage:					
a) Square footage of attached garage <u>480.00</u> sq ft					
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 A9.b <u>N/A</u> sq in					
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 300048			B2. County Name Missoula		B3. State Montana
B4. Map/Panel Number 30063C1455	B5. Suffix E	B6. FIRM Index Date 07-06-2015	B7. FIRM Panel Effective/ Revised Date 07-06-2015	B8. Flood Zone(s) X	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) N/A, See Section G.
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: <input type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input checked="" type="checkbox"/> Other/Source: <u>Dev. by WGM Group during subdivision review proc.</u>					
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Designation Date: _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA					

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
Expiration Date: November 30, 2018

<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 P.O. Route and Box No. 375 Stonybrook Drive			Policy Number:
City Missoula	State Montana	ZIP Code 59804	Company NAIC Number

## 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: Missoula County #324, EL=3137.75 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>3135.00</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| b) Top of the next higher floor   | _____          | <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>3135.00</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| e) Lowest elevation of machinery or equipment servicing the building<br>(Describe type of equipment and location in Comments) | <u>3137.00</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG)  | _____          | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG)   | _____          | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support                                  | _____          | <input checked="" 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.

Were latitude and longitude in Section A provided by a licensed land surveyor? ☐ Yes ☒ No ☐ Check here if attachments.

Certifier's Name Jeff Smith, P.E.		License Number MT PE 18390		
Title Project Engineer				
Company Name WGM Group, Inc.				
Address 1111 East Broadway				
City Missoula	State Montana	ZIP Code 59802		
Signature 		Date 08-02-2017	Telephone (406) 728-4611	Ext.

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

Comments (including type of equipment and location, per C2(e), if applicable)

Building is located outside the SFHA boundary according to effective FIRM Panel 30063C1455E. Building is within the Stonybrook Subdivision. Based on WGM Group analysis created as a condition of subdivision approval, an adjusted BFE of 3134.90 is appropriate for Lot 32. In section C2, benchmark is Missoula County #324. Elevation of C2(e) assumed to be bottom of ducts. Elevation of C2(a) is the minimum crawl space elevation.

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## 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 1–2 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.

# ELEVATION CERTIFICATE

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<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>	
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City Missoula	State Montana	ZIP Code 59804	Company NAIC Number	
<b>SECTION G – COMMUNITY INFORMATION (OPTIONAL)</b>				
<p>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.</p> <p>G1. <input type="checkbox"/> 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.)</p> <p>G2. <input type="checkbox"/> A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.</p> <p>G3. <input type="checkbox"/> The following information (Items G4–G10) is provided for community floodplain management purposes.</p>				
G4. Permit Number		G5. Date Permit Issued		G6. Date Certificate of Compliance/Occupancy Issued
<p>G7. This permit has been issued for: <input type="checkbox"/> New Construction <input type="checkbox"/> Substantial Improvement</p> <p>G8. Elevation of as-built lowest floor (including basement) of the building: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____</p> <p>G9. BFE or (in Zone AO) depth of flooding at the building site: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____</p> <p>G10. Community's design flood elevation: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____</p>				
Local Official's Name		Title		
Community Name		Telephone		
Signature		Date		
Comments (including type of equipment and location, per C2(e), if applicable)				
<input type="checkbox"/> Check here if attachments.				

# ELEVATION CERTIFICATE

## BUILDING PHOTOGRAPHS

See Instructions for Item A6.

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City Missoula	State Montana	ZIP Code 59804	Company NAIC Number
<p>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.</p>			
Photo One			
Photo One Caption			Clear Photo One
Photo Two			
Photo Two Caption			Clear Photo Two

# BUILDING PHOTOGRAPHS

## ELEVATION CERTIFICATE

Continuation Page

OMB No. 1660-0008

Expiration Date: November 30, 2018

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City Missoula	State Montana	ZIP Code 59804	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.

Photo Three

Photo Three Caption

Clear Photo Three

Photo Four

Photo Four Caption

Clear Photo Four

STONYBROOK PHASE 1

A SUBDIVISION OF THE CITY OF MISSOULA, COUNTY OF MISSOULA, MONTANA  
LOCATED IN THE NW 1/4 OF SECTION 24,  
T. 13 N., R. 20 W., PRINCIPAL MERIDIAN, MONTANA

- DRAWING INDEX:
- 1 - SITE PLAN
  - 2 - FOUNDATION
  - 3 - FLOOR PLAN
  - 4 - ROOF PLAN
  - 5 - ELEVATIONS
  - 6 - ELECTRICAL PLAN

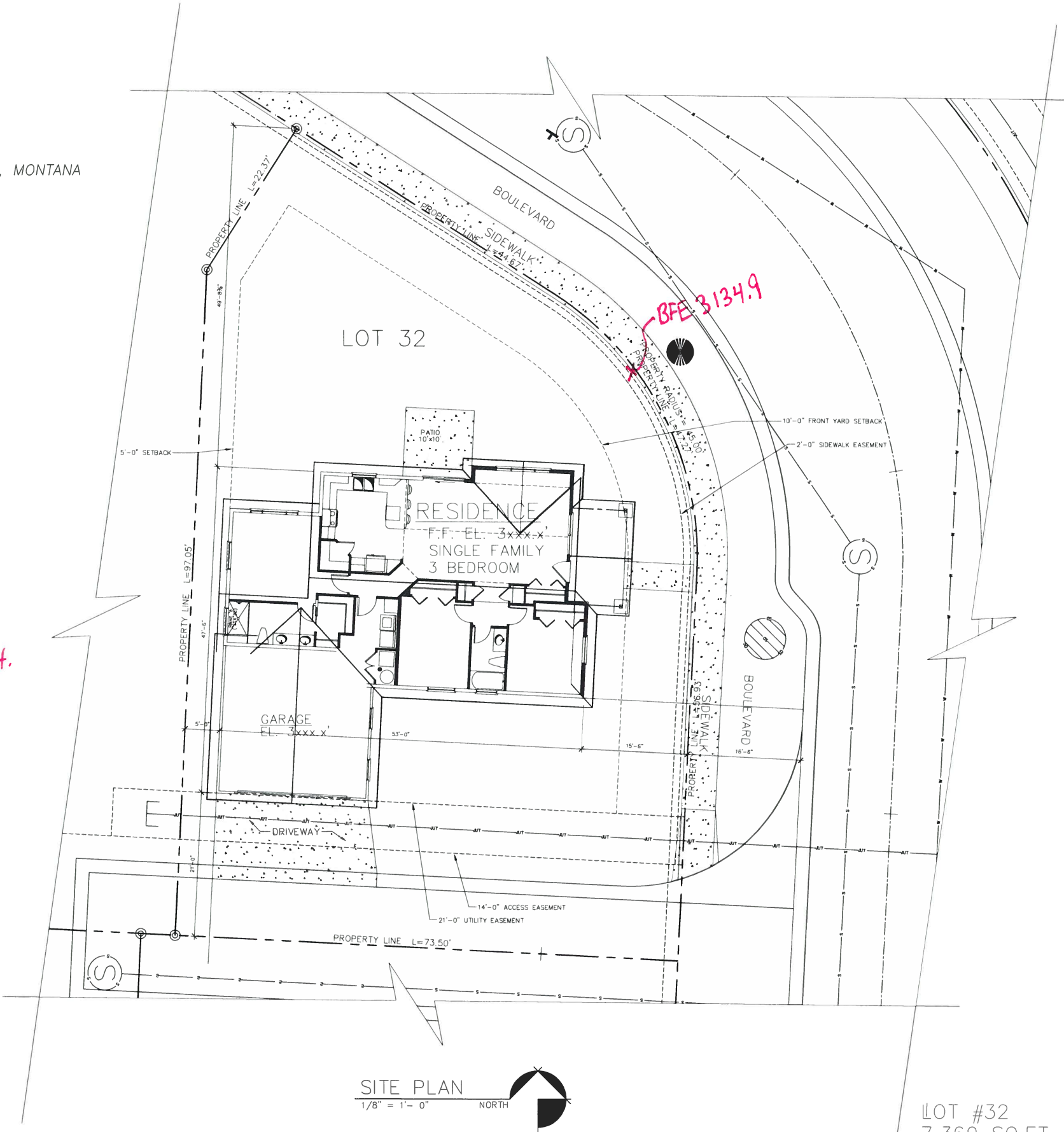
Constraints

- BFE = 3134.9
- Min Duct = 3136.9
- Min Garage = 3134.9
- Min Crawl = 3134.9

Design

- Duct = 3137.0
- Crawl = 3135.0
- FFE = Not Set
- Garage El. not set
- Driveway grade was not calculated or set.

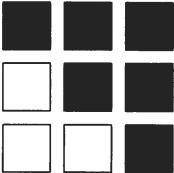
- GENERAL NOTES:
- ALL CONSTRUCTION SHALL CONFORM TO IRC REQUIREMENTS.
  - SET BACKS AND YARDS SHALL CONFORM TO LOCAL REGULATIONS.
  - ALL POURED CONCRETE FOOTINGS, COLUMNS AND WALLS SHALL REST ON UNDISTURBED VIRGIN SOIL.
  - ALL LUMBER SHALL BE NO. 2 OR BETTER FIR & LARCH.
  - HEADERS SHALL BE DBL. 2x10 OVER EXTERIOR OR LOAD BEARING DOORS & WINDOWS (UNLESS NOTED OTHERWISE).
  - ALL WINDOWS TO BE STANDARD INSULATED GLASS OR BETTER.
  - WATER LINES TO BE PEX AND DRAIN LINES PVC.
  - HOSE BIBS TO BE FROST PROOF.
  - ALL EXTERIOR, KITCHEN, BATHROOM, GARAGE AND BASEMENT OUTLETS SHALL BE ON GFI CIRCUIT PER UEC REQUIREMENTS.
  - SMOKE DETECTORS SHALL BE CONNECTED TO ALL OTHERS AND ON A DEDICATED CIRCUIT.
  - ALL DIMENSIONS FROM THE EXTERIOR FACE OF A WALL, ARE FROM THE FACE OF THE SHEETING (WHICH ALSO EQUALS THE FACE OF THE CONCRETE FOUNDATION WALL).
  - ALL INTERIOR DIMENSIONS ARE FROM THE FACE OF STUD AND USING ACTUAL DIMENSIONS OF 3 1/2" & 5 1/2" AS REQUIRED.
  - MECHANICAL LAYOUT IS ONLY TO INDICATE A BASIC LAYOUT AND IS NOT INTENDED TO IDENTIFY REQUIREMENTS. A COMPLETE AND ADEQUATE SYSTEM SHALL BE DESIGNED AND INSTALLED TO FIT WITH ALL NECESSARY REQUIREMENTS.
  - PROVIDE ALL BLOCKING AND BRACING AS NECESSARY FOR CABINETS, HANDRAILS, DRAPERIES, AND ACCESSORIES.



SITE PLAN  
1/8" = 1'-0" NORTH

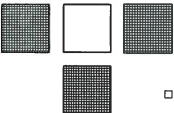
PROVIDE POSITIVE DRAINAGE  
AWAY FROM BUILDING  
IN ALL DIRECTIONS

LOT #32  
7,369 SQ.FT.  
STONY BROOK  
MISSOULA, MONTANA

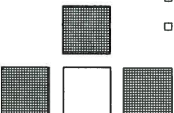


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**EDGELL**  
BUILDING & DEVELOPMENT, INC.  
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E-MAIL: [info@edgell.com](mailto:info@edgell.com)



A CUSTOM RESIDENCE FOR  
**JERRI BALSAM**  
3 - BEDROOMS, 2 1/2 BATHS  
STONY BROOK LOT #32  
MISSOULA, MONTANA



PLAN #

CONSTRUCTION  
DRAWINGS

DATE: 7/31/17  
JOB NO: SB32  
REV:  
REV:  
REV:  
REV:

SITE PLAN

SHEET 1  
OF 6

