



Rules Cabin

The owner / builder are responsible for acquiring an engineer to size structural members. If engineering is not done then the owner / builder is liable for the structural members.

These plans are to be used only for the people and place stated. These plans may not be used without the written permission from :  
Yellowstone Log Homes L.L.C.

These plans were prepared by a designer who is not an engineer and expressly disclaims any liability for errors or omissions of any kind which may exist herein. The user of these plans assumes all liability for the accuracy, including verification of all dimensions, compliances with any and all governing codes, and covenants having jurisdiction over the site of construction and determining any modifications necessary to meet actual site conditions. The selection of correct structural materials and the application of architectural principles is a precise art, the responsibility for which rests with the builder, the owner, and or the user of these plans.

Plan renderings and elevation views shown may not reflect actual site conditions. please refer to builder/contractor for site conditions and what actually will be required and supplied for your construction site, such as the following: (landscape, grade, stairs, sidewalks, concrete slabs and retaining walls, etc.)

These plans have been designed for logs that are manufactured & supplied by Yellowstone Log Homes L.L.C. and authorized Dealers. No other logs are considered suitable.



Draftsman:

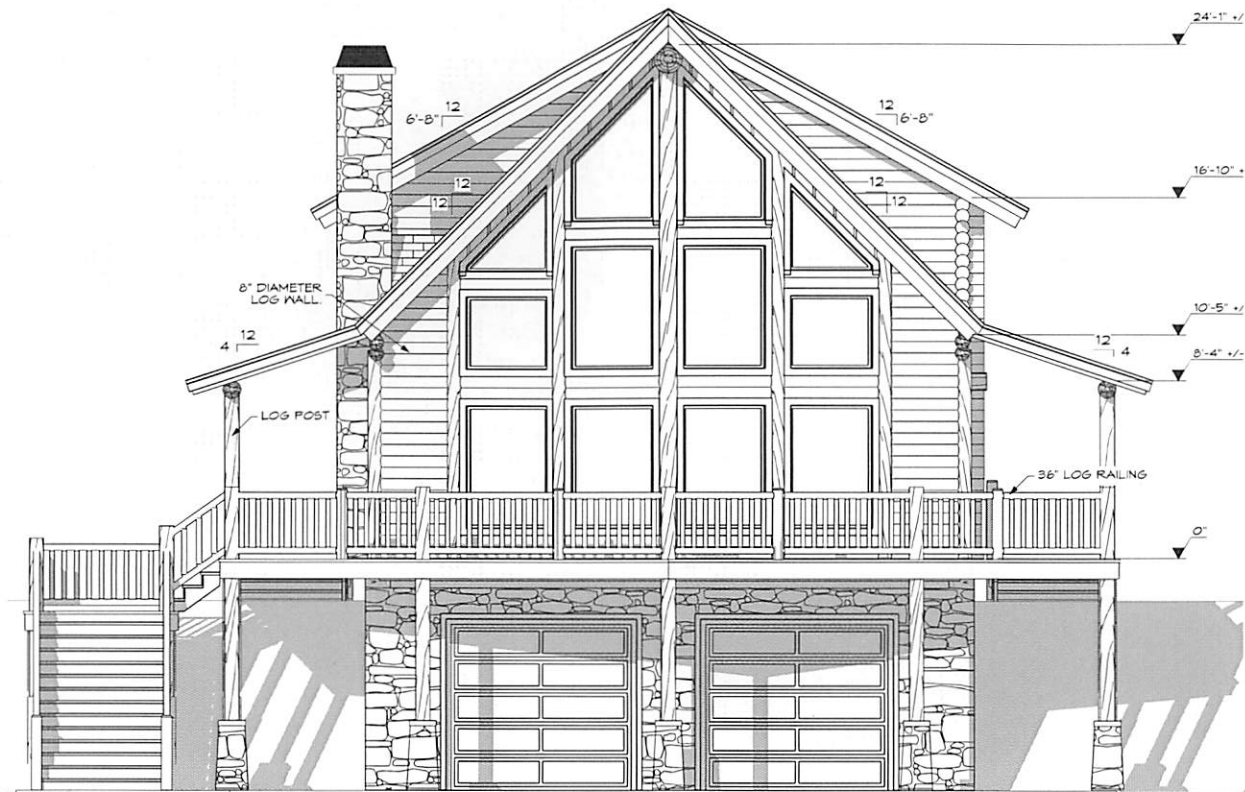
#CAD Technician Full Name

Project Info:  
**Bill and Lisa Rules**  
(Modified 8 Inch Hillside)  
(3rd Edition)  
© YELLOWSTONE LOG HOMES L.L.C.

Revisions:

Plot Date: 8/29/17

Sheet: T-1



**FRONT ELEVATION**

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



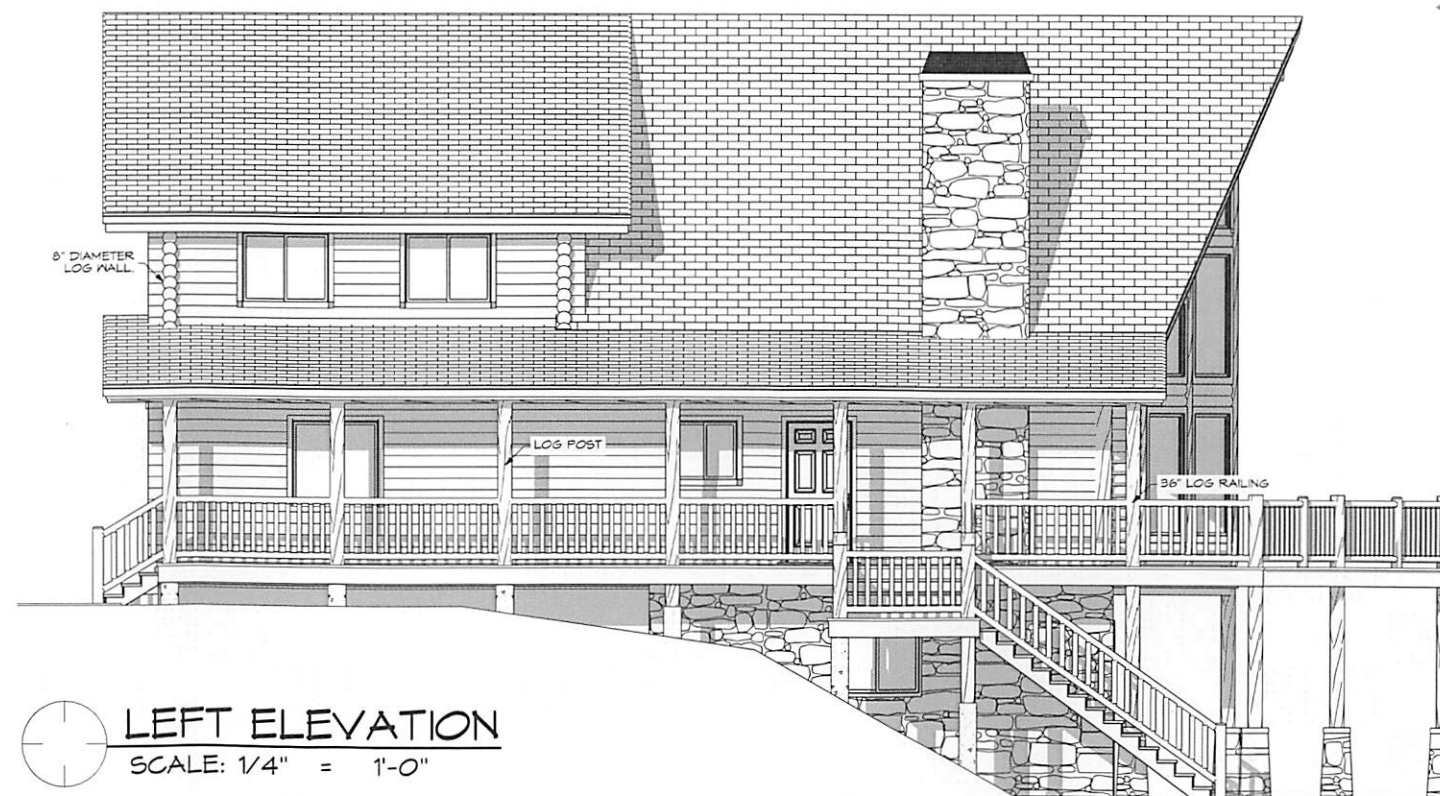
**RIGHT ELEVATION**

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



**BACK ELEVATION**

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



**LEFT ELEVATION**

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

The owner / builder are responsible for acquiring an engineer to size structural members. If engineering is not done then the owner / builder is liable for the structural members.

These plans are to be used only for the people and place stated. These plans may not be used without the written permission from :  
Yellowstone Log Homes L.L.C.

These plans were prepared by a designer who is not an engineer and expressly disclaims any liability for errors or omissions of any kind which may exist herein. The user of these plans assumes all liability for the accuracy, including verification of all dimensions, compliances with any and all governing codes, and covenants having jurisdiction over the site of construction and determining any modifications necessary to meet actual site conditions. The selection of correct structural materials and the application of architectural principles is a precise art, the responsibility for which rests with the builder, the owner, and or the user of these plans.

Plan renderings and elevation views shown may not reflect actual site conditions, please refer to builder/contractor for site conditions and what actually will be required and supplied for your construction site, such as the following: (landscape, grade, stairs, sidewalks, concrete slabs and retaining walls, etc.)

These plans have been designed for logs that are manufactured & supplied by Yellowstone Log Homes L.L.C. and authorized Dealers. No other logs are considered suitable.



2800 N. Yellowstone Hwy.  
Ridgely, ID 83442  
Ph: 208-745-8108 Fax: 208-745-8525  
www.yellowstoneloghomes.com

Draftsman:  
#CAD Technician Full Name

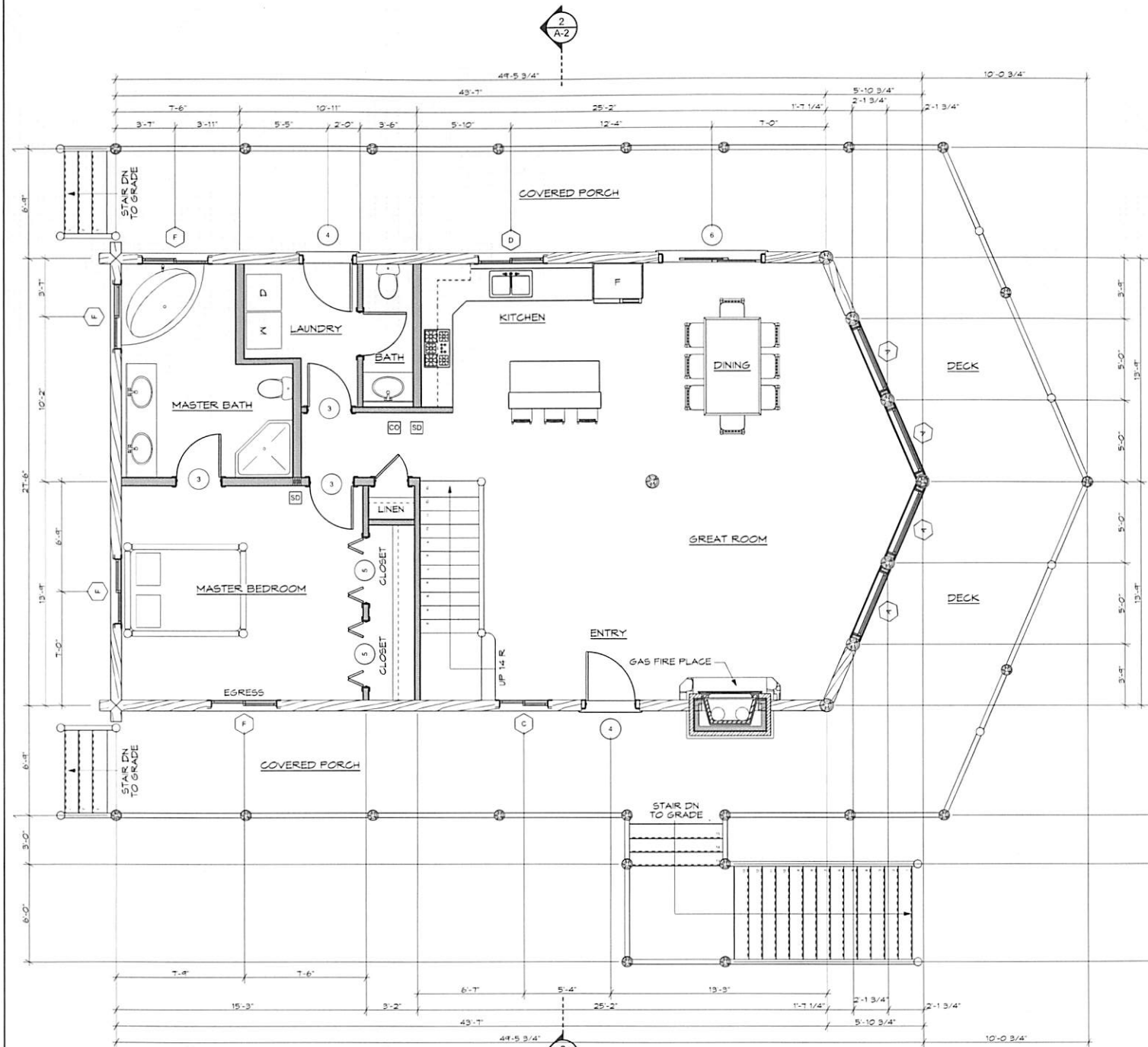
Project Info:  
Revisions:  
© YELLOWSTONE LOG HOMES L.L.C.

**Bill and Lisa Rules**  
(Modified 8 Inch Hillside)  
(3rd Edition)

Plot Date: 8/29/17

Sheet:  
A-3





**MAIN FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

NOTE:  
ALL (A) WINDOWS & DOORS ARE TO BE VERIFIED IN THE FIELD TO DETERMINE ACTUAL SIZE AND PLACEMENT.

ALL DOOR/WINDOW SIZES AND TYPES TO BE DETERMINED PER OWNER/BUILDER AND MANUFACTURERS SPECIFICATIONS

FIELD MEASURE THE CORRECT ROUGH OPENINGS FOR ALL PICTURE WINDOWS PRIOR TO ORDERING.

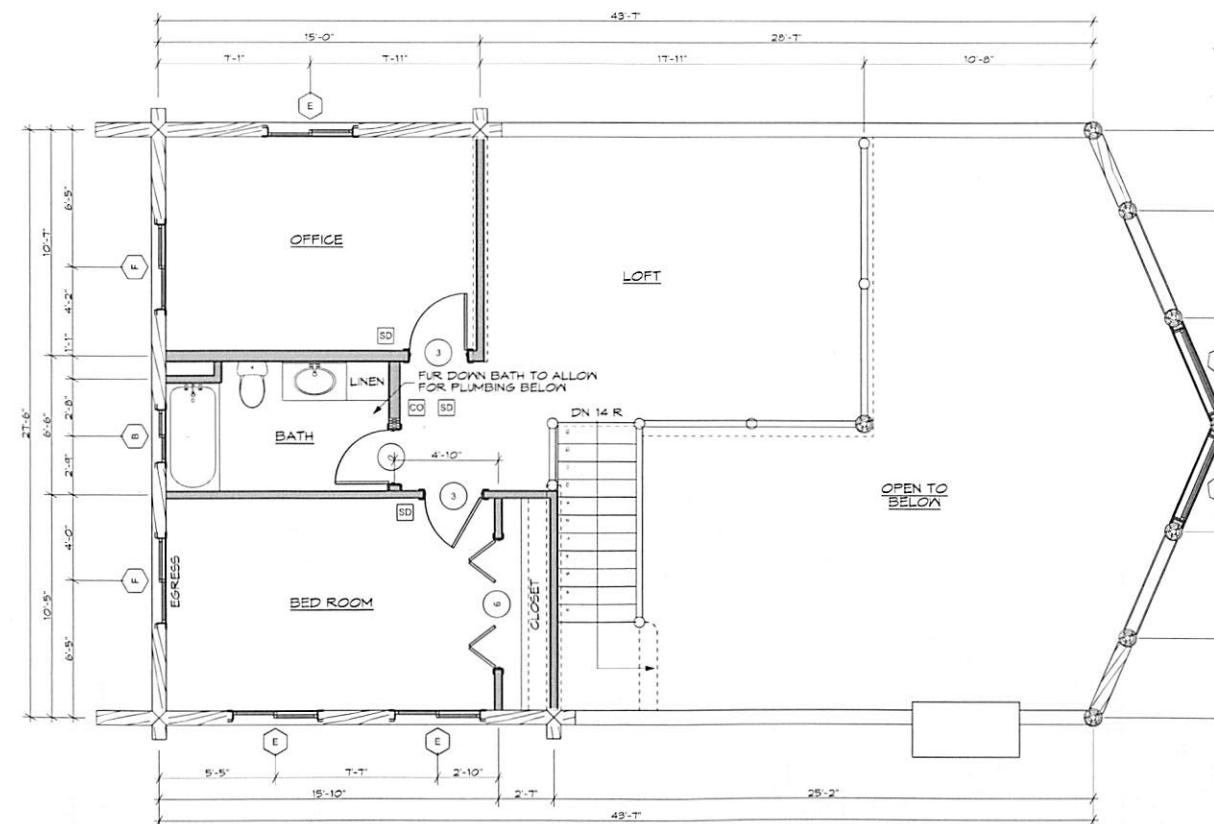
WINDOW KEY			
ID	WINDOW SIZE	QTY	WINDOW NOTES
B	2'-6"x1'-0"	1	
C	3'-0"x3'-0"	1	
D	4'-0"x3'-0"	2	
E	4'-0"x3'-6"	3	
F	4'-0"x4'-0"	7	(2) EGRESS

DOOR KEY			
ID	DOOR SIZE	QTY	DOOR NOTES
1	2'-0"x6'-8"	1	
2	2'-6"x6'-8"	1	
3	2'-8"x6'-8"	4	
4	3'-0"x6'-8"	2	
5	4'-0"x6'-8"	2	
6	6'-0"x6'-8"	2	

**SQUARE FEET**

MAIN FLOOR:	1204
SECOND FLOOR:	626
BASEMENT/GARAGE:	1232
<b>LIVABLE AREA:</b>	<b>1830</b>
<b>TOTAL AREA:</b>	<b>3062</b>

SQUARE FOOTAGE IS APPROXIMATE. THE BASEMENT, MAIN FLOOR, AND GARAGE ARE MEASURED FROM OUTSIDE OF THE FOUNDATION. THE LOFT IS MEASURED FROM ACTUAL SURFACE AREA OF THE LOFT FLOOR.



**SECOND FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

The owner / builder are responsible for acquiring an engineer to size structural members. If engineering is not done then the owner / builder is liable for the structural members.

These plans are to be used only for the people and place stated. These plans may not be used without the written permission from: Yellowstone Log Homes L.L.C.

These plans were prepared by a designer who is not an engineer and expressly disclaims any liability for errors or omissions of any kind which may exist herein. The user of these plans assumes all liability for the accuracy, including verification of all dimensions, compliances with any and all governing codes, and covenants having jurisdiction over the site of construction and determining any modifications necessary to meet actual site conditions. The selection of correct structural materials and the application of architectural principles is a precise art, the responsibility for which rests with the builder, the owner, and/or the user of these plans.

Plan renderings and elevation views shown may not reflect actual site conditions, please refer to builder/contractor for site conditions and what actually will be required and supplied for your construction site, such as the following: (landscape, grade, stairs, sidewalks, concrete slabs and retaining walls, etc.)

These plans have been designed for logs that are manufactured & supplied by Yellowstone Log Homes L.L.C. and authorized Dealers. No other logs are considered suitable.



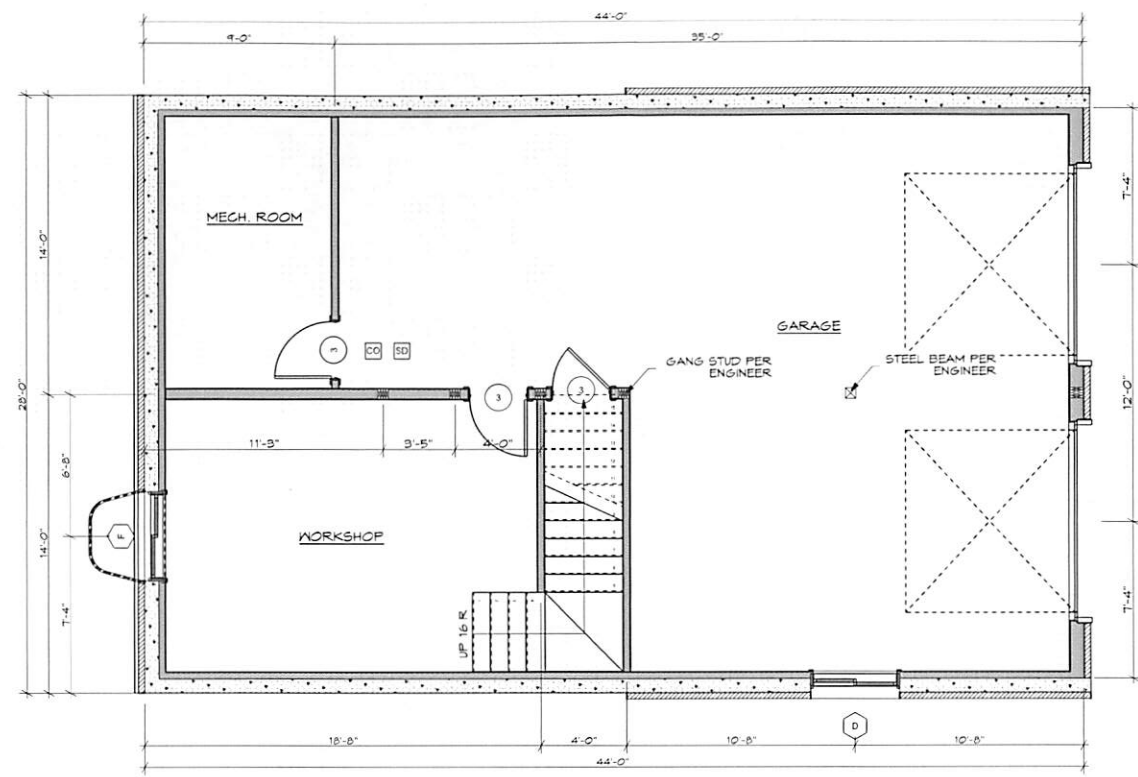
Draftsman:  
#CAD Technician Full Name

**Project Info:**  
**Bill and Lisa Rules**  
(Modified 8 Inch Hillside)  
(3rd Edition)  
© YELLOWSTONE LOG HOMES L.L.C.

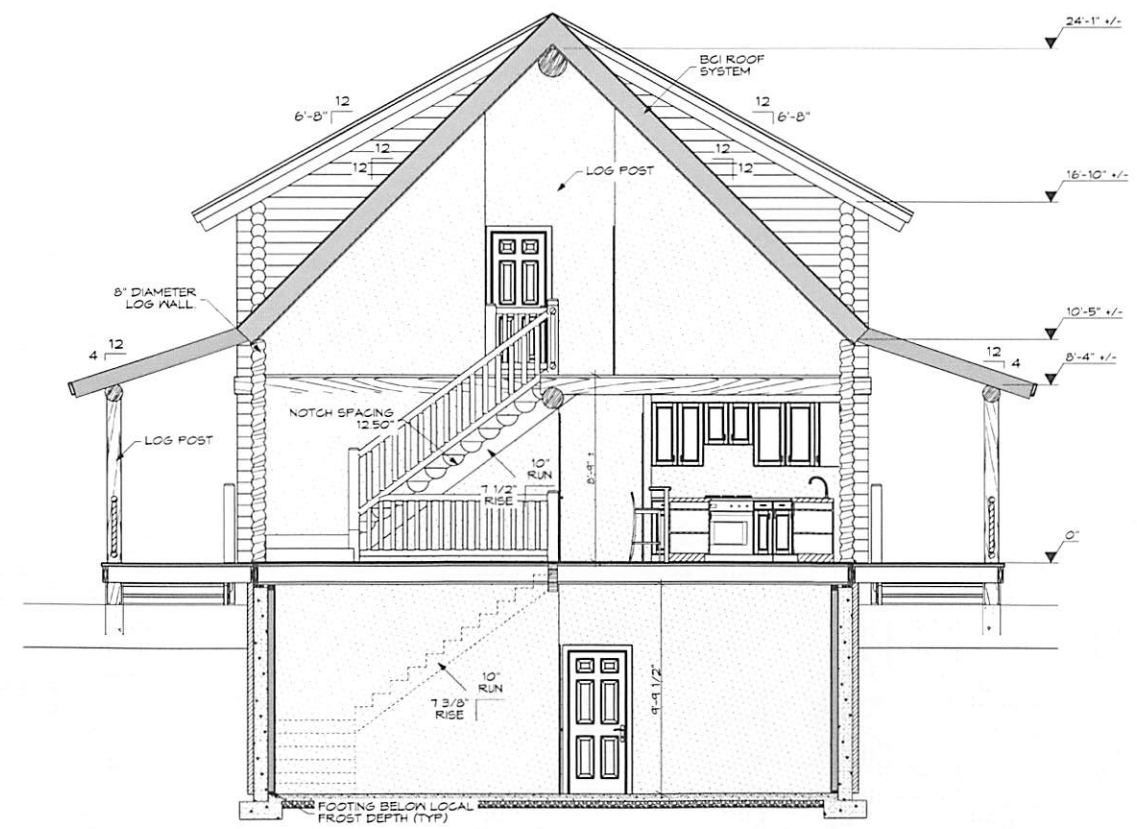
Revisions:

Plot Date: 8/29/17

Sheet:  
A-1



**BASEMENT FLOOR PLAN**  
SCALE: 1/4" = 1'-0"



**SECTION @ STAIRS**  
SCALE: 1/4" = 1'-0"

The owner / builder are responsible for acquiring an engineer to size structural members. If engineering is not done then the owner / builder is liable for the structural members.

These plans are to be used only for the people and place stated. These plans may not be used without the written permission from :  
Yellowstone Log Homes L.L.C.

These plans were prepared by a designer who is not an engineer and expressly disclaims any liability for errors or omissions of any kind which may exist herein. The user of these plans assumes all liability for the accuracy, including verification of all dimensions, compliances with any and all governing codes, and covenants having jurisdiction over the site of construction and determining any modifications necessary to meet actual site conditions. The selection of correct structural materials and the application of architectural principles is a precise art, the responsibility for which rests with the builder, the owner, and or the user of these plans.

Plan renderings and elevation views shown may not reflect actual site conditions. please refer to builder/contractor for site conditions and what actually will be required and supplied for your construction site, such as the following: (landscape, grade, stairs, sidewalks, concrete slabs and retaining walls, etc.)

These plans have been designed for logs that are manufactured & supplied by Yellowstone Log Homes L.L.C. and authorized Dealers. No other logs are considered suitable.

**Yellowstone**  
LOG HOMES L.L.C.  
280 N. Yellowstone Hwy.  
Rigby, ID 83442  
Ph: 208-745-108 Fax: 208-745-6525  
www.yellowstoneloghomes.com

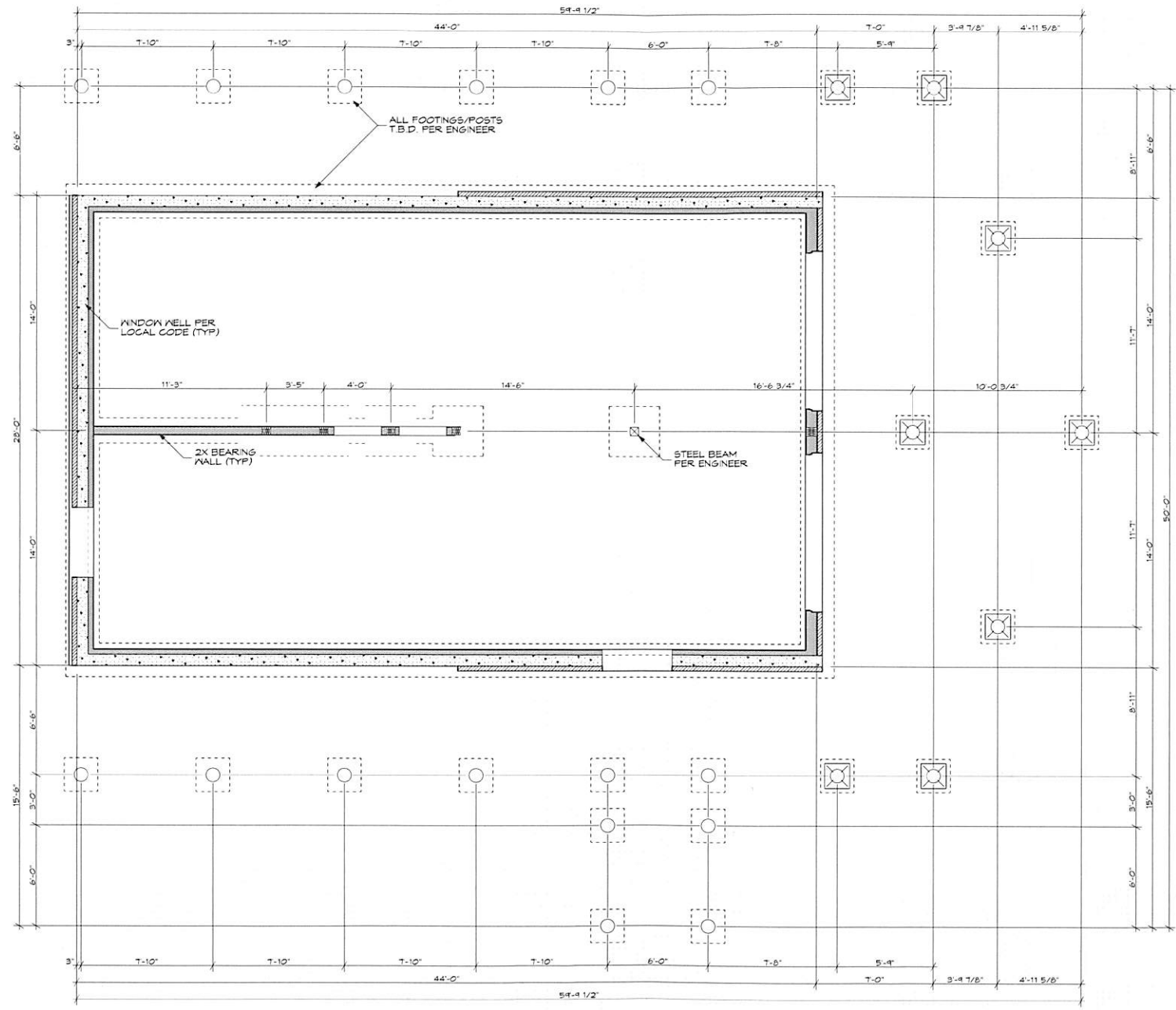
Draftsman:  
#CAD Technician Full Name

Project Info:  
**Bill and Lisa Rules**  
(Modified 8 Inch Hillside)  
(3rd Edition)  
© YELLOWSTONE LOG HOMES L.L.C.

Revisions:

Plot Date: 8/29/17

Sheet: A-2




**FOUNDATION PLAN**  
 SCALE: 1/4" = 1'-0"

The owner / builder are responsible for acquiring an engineer to size structural members. If engineering is not done then the owner / builder is liable for the structural members.

These plans are to be used only for the people and place stated. These plans may not be used without the written permission from :  
Yellowstone Log Homes L.L.C.

These plans were prepared by a designer who is not an engineer and expressly disclaims any liability for errors or omissions of any kind which may exist herein. The user of these plans assumes all liability for the accuracy, including verification of all dimensions, compliances with any and all governing codes, and covenants having jurisdiction over the site of construction and determining any modifications necessary to meet actual site conditions. The selection of correct structural materials and the application of architectural principles is a precise art, the responsibility for which rests with the builder, the owner, and the user of these plans.

Plan renderings and elevation views shown may not reflect actual site conditions. please refer to builder/contractor for site conditions and what actually will be required and supplied for your construction site, such as the following: (landscape, grade, stairs, sidewalks, concrete slabs and retaining walls, etc.)

These plans have been designed for logs that are manufactured & supplied by Yellowstone Log Homes L.L.C. and authorized Dealers. No other logs are considered suitable.



**Yellowstone**  
 LOG HOMES L.L.C.  
 280 N. Yellowstone Hwy.  
 Ripley, ID 83442  
 Ph: 208-745-8108 Fax: 208-745-8575  
 www.yellowstoneloghomes.com

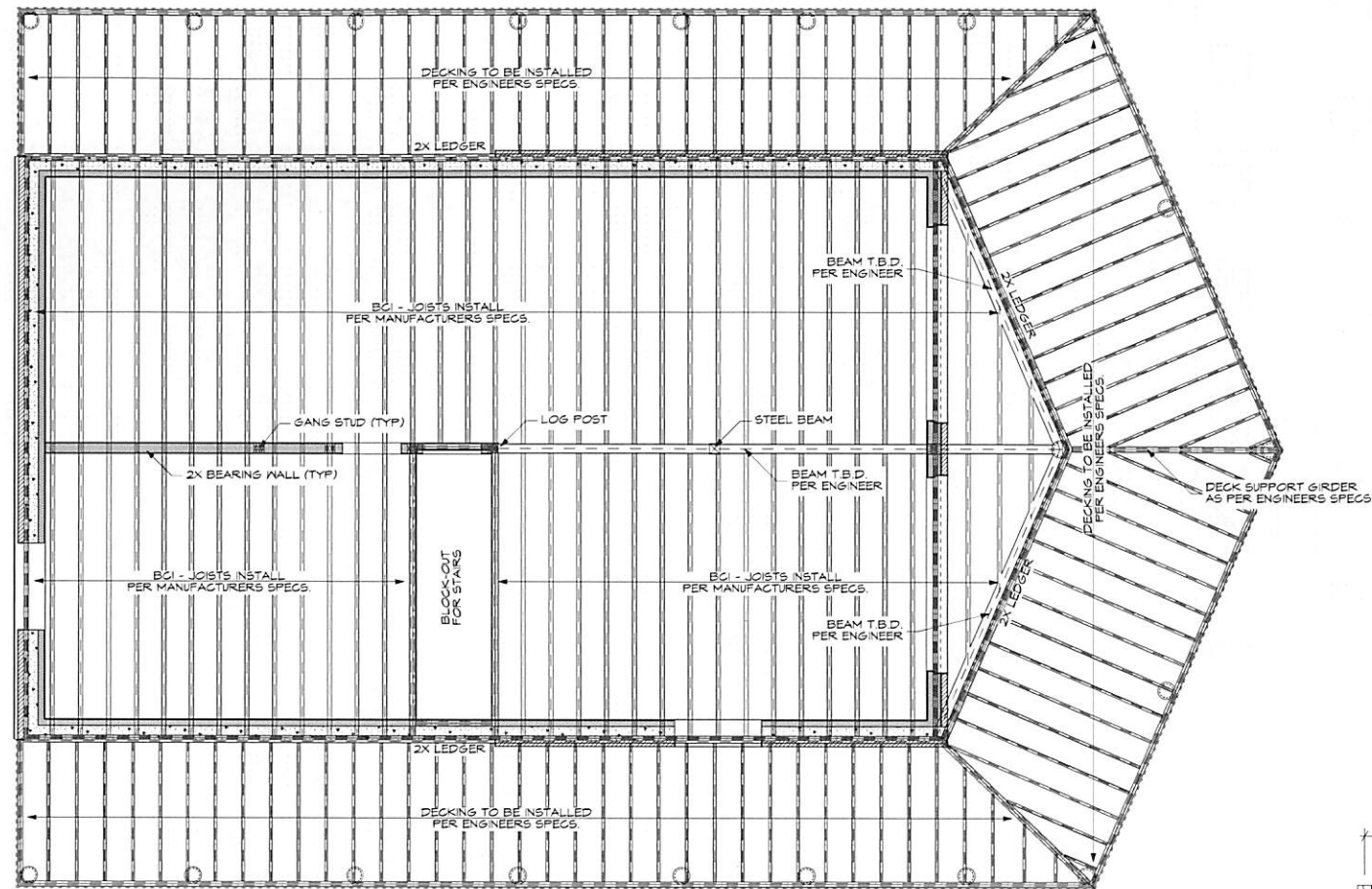
Draftsman:  
#CAD Technician Full Name

Project Info:  
**Bill and Lisa Rules**  
 (Modified 8 inch Hillside)  
 (3rd Edition)  
 © YELLOWSTONE LOG HOMES L.L.C.

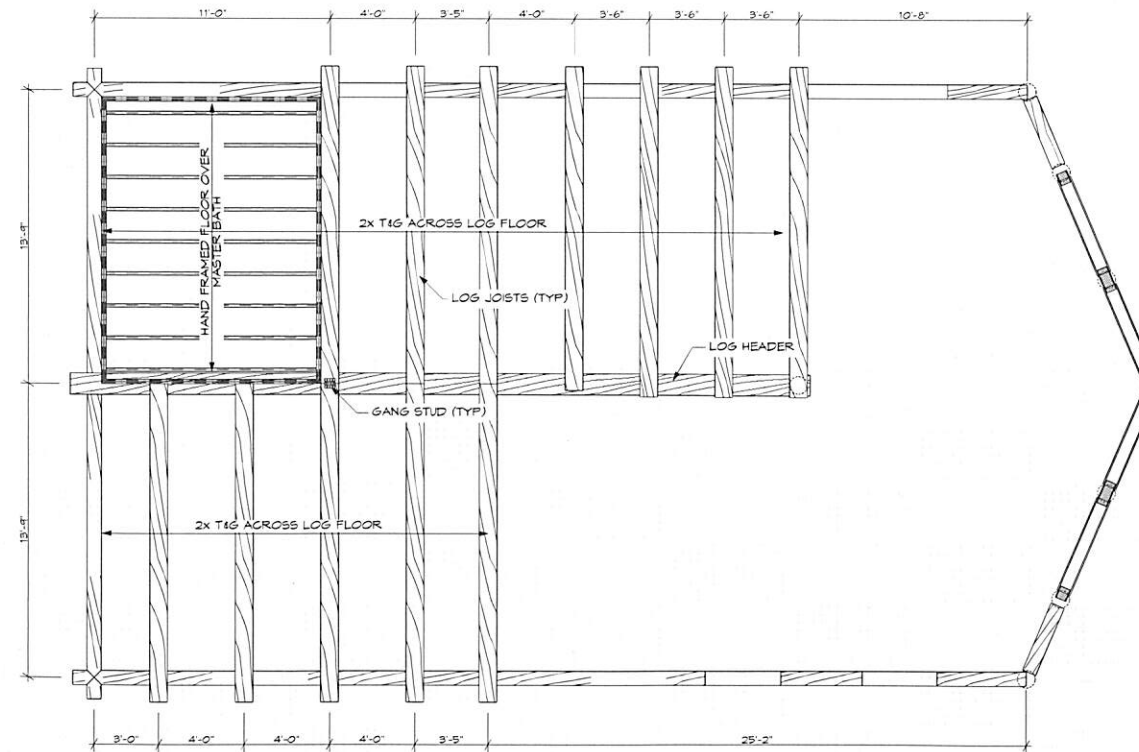
Revisions:

Plot Date: 8/29/17

Sheet:  
**S-1**



**MAIN FLOOR FRAMING**  
SCALE: 1/4" = 1'-0"



**SECOND FLOOR FRAMING**  
SCALE: 1/4" = 1'-0"

The owner / builder are responsible for acquiring an engineer to size structural members. If engineering is not done then the owner / builder is liable for the structural members.

These plans are to be used only for the people and place stated. These plans may not be used without the written permission from :  
Yellowstone Log Homes L.L.C.

These plans were prepared by a designer who is not an engineer and expressly disclaims any liability for errors or omissions of any kind which may exist herein. The user of these plans assumes all liability for the accuracy, including verification of all dimensions, compliances with any and all governing codes, and covenants having jurisdiction over the site of construction and determining any modifications necessary to meet actual site conditions. The selection of correct structural materials and the application of architectural principles is a precise art, the responsibility for which rests with the builder, the owner, and or the user of these plans.

Plan renderings and elevation views shown may not reflect actual site conditions. please refer to builder/contractor for site conditions and what actually will be required and supplied for your construction site, such as the following: (landscape, grade, stairs, sidewalks, concrete slabs and retaining walls, etc.)

These plans have been designed for logs that are manufactured & supplied by Yellowstone Log Homes L.L.C. and authorized Dealers. No other logs are considered suitable.

**Yellowstone**  
LOG HOMES L.L.C.  
280 N. Yellowstone Hwy.  
Ripley, ID 83442  
Ph: 208-745-8108 Fax: 208-745-8275  
www.yellowstoneloghomes.com

Draftsman:  
#CAD Technician Full Name

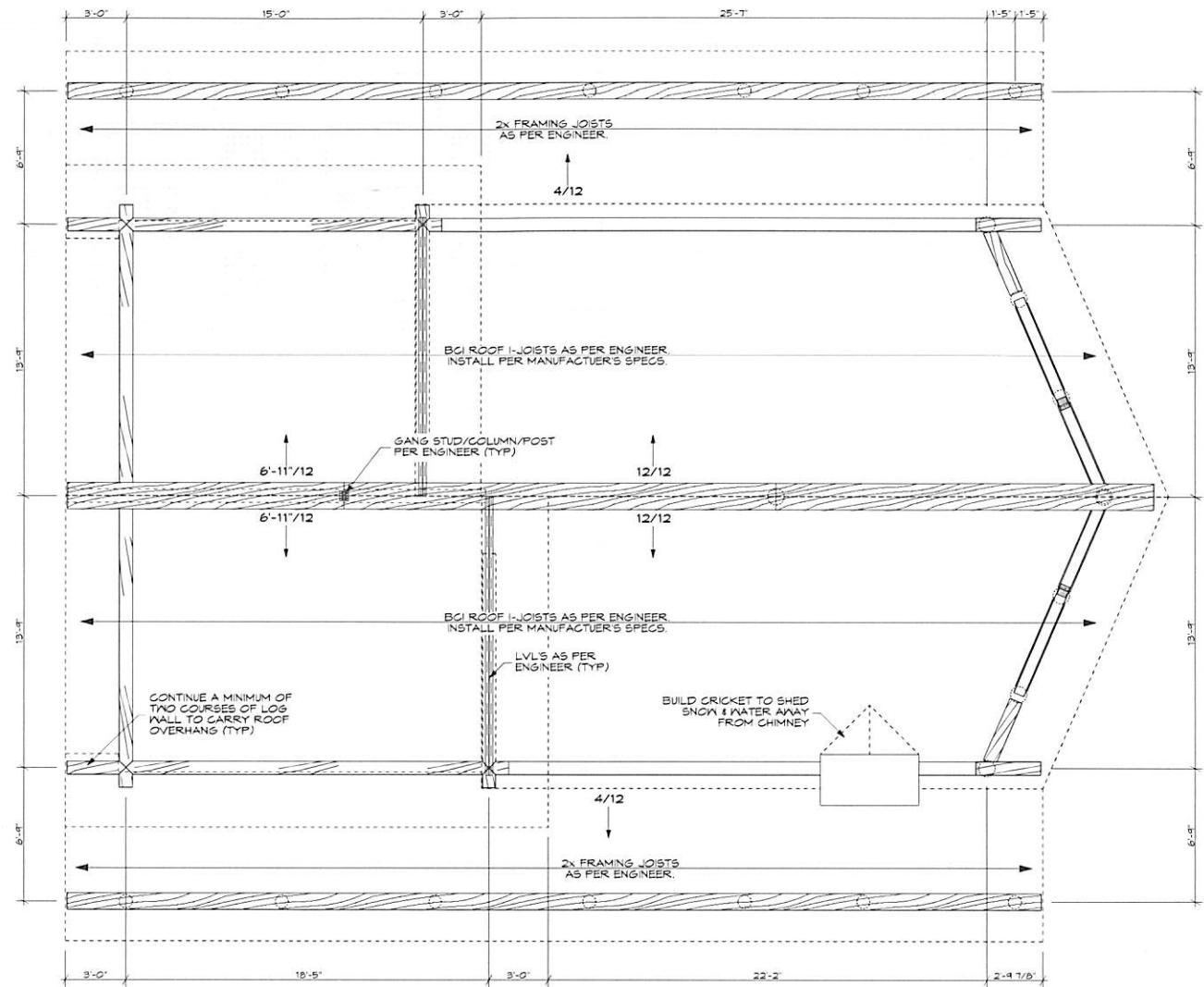
**Bill and Lisa Rules**  
(Modified 8 Inch Hillside)  
(3rd Edition)  
© YELLOWSTONE LOG HOMES L.L.C.

Revisions:

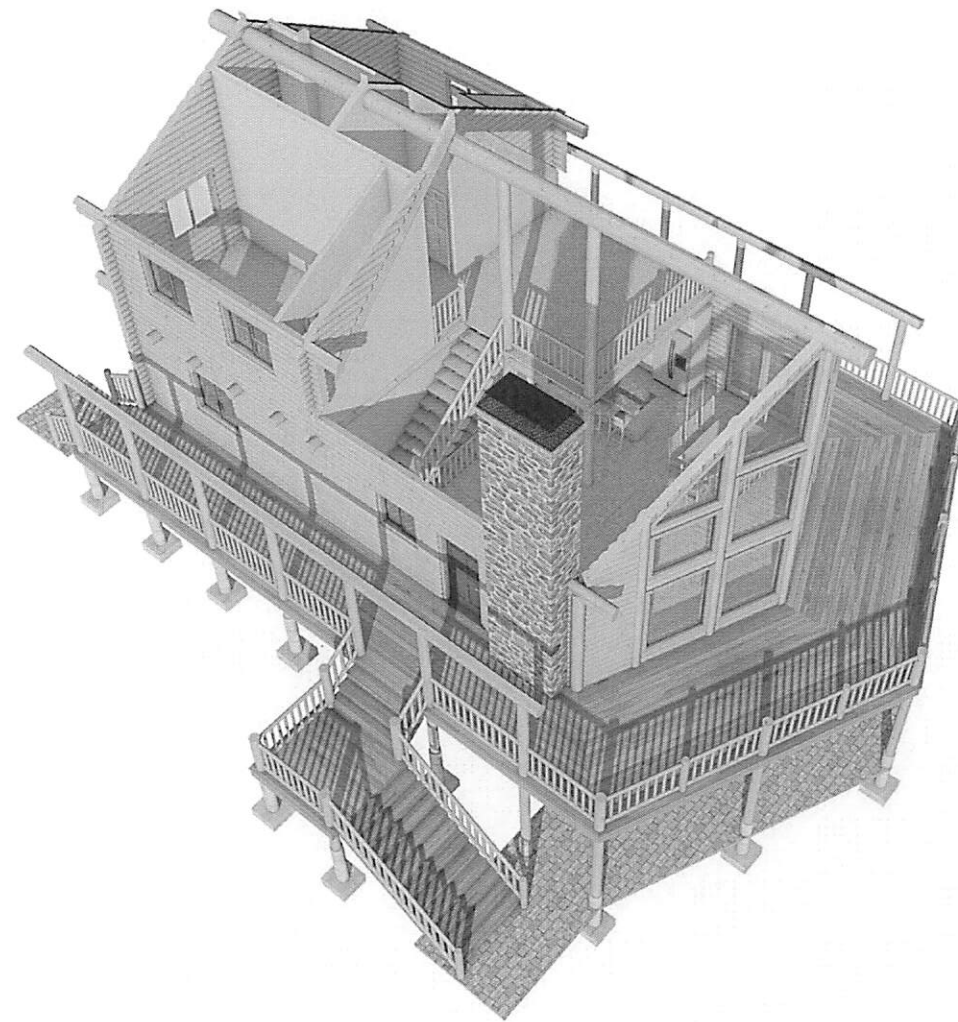
Plot Date: 8/29/17

Sheet: S-2





**ROOF FRAMING PLAN**  
SCALE: 1/4" = 1'-0"



The owner / builder are responsible for acquiring an engineer to size structural members. If engineering is not done then the owner / builder is liable for the structural members.

These plans are to be used only for the people and place stated. These plans may not be used without the written permission from :  
Yellowstone Log Homes L.L.C.

These plans were prepared by a designer who is not an engineer and expressly disclaims any liability for errors or omissions of any kind which may exist herein. The user of these plans assumes all liability for the accuracy, including verification of all dimensions, compliances with any and all governing codes, and covenants having jurisdiction over the site of construction and determining any modifications necessary to meet actual site conditions. The selection of correct structural materials and the application of architectural principles is a precise art, the responsibility for which rests with the builder, the owner, and or the user of these plans.

Plan renderings and elevation views shown may not reflect actual site conditions. please refer to builder/contractor for site conditions and what actually will be required and supplied for your construction site, such as the following: (landscape, grade, stairs, sidewalks, concrete slabs and retaining walls, etc.)

These plans have been designed for logs that are manufactured & supplied by Yellowstone Log Homes L.L.C. and authorized Dealers. No other logs are considered suitable.



Draftsman:  
#CAD Technician Full Name

Project Info:  
**Bill and Lisa Rules**  
(Modified 8 Inch Hillside)  
(3rd Edition)  
© YELLOWSTONE LOG HOMES L.L.C.

Revisions:

Plot Date: 8/29/17

Sheet:  
S-3

The owner / builder are responsible for acquiring an engineer to size structural members. If engineering is not done then the owner / builder is liable for the structural members.

These plans are to be used only for the people and place stated. These plans may not be used without the written permission from :  
Yellowstone Log Homes L.L.C.

These plans were prepared by a designer who is not an engineer and expressly disclaims any liability for errors or omissions of any kind which may exist herein. The user of these plans assumes all liability for the accuracy, including verification of all dimensions, compliances with any and all governing codes, and covenants having jurisdiction over the site of construction and determining any modifications necessary to meet actual site conditions. The selection of correct structural materials and the application of architectural principles is a precise art, the responsibility for which rests with the builder, the owner, and or the user of these plans.

Plan renderings and elevation views shown may not reflect actual site conditions. please refer to builder/contractor for site conditions and what actually will be required and supplied for your construction site, such as the following: (landscape, grade, stairs, sidewalks, concrete slabs and retaining walls, etc.)

These plans have been designed for logs that are manufactured & supplied by Yellowstone Log Homes L.L.C. and authorized Dealers. No other logs are considered suitable.

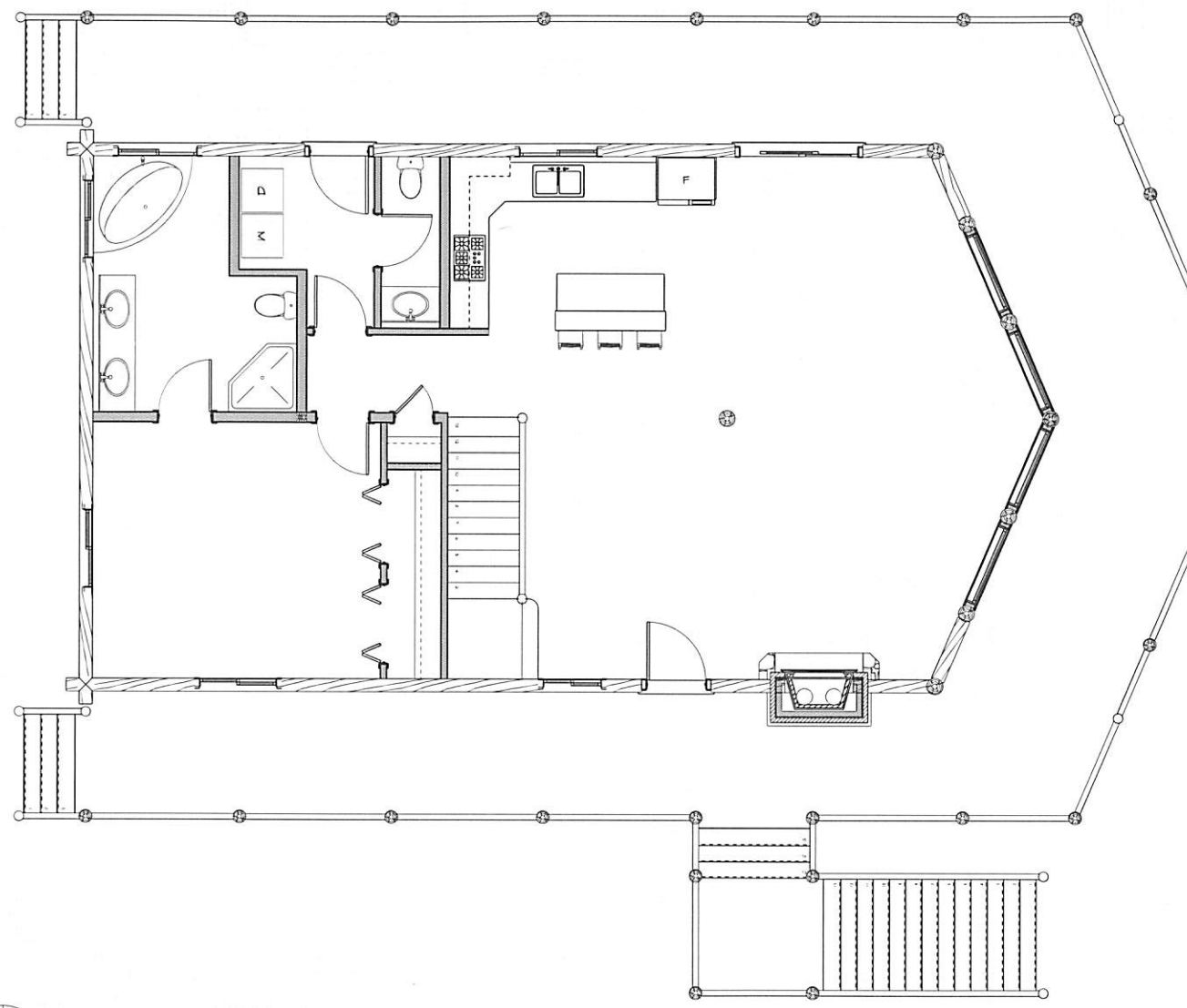
**Yellowstone**  
LOG HOMES L.L.C.  
280 N. Yellowstone Hwy.  
Rugby, ID 83442  
Ph: 208-745-8108 Fax: 208-745-8525  
www.yellowstoneloghomes.com

Draftsman:  
#CAD Technician Full Name

Project Info:  
**Bill and Lisa Rules**  
(Modified 8 Inch Hillside)  
(3rd Edition)  
© YELLOWSTONE LOG HOMES L.L.C.

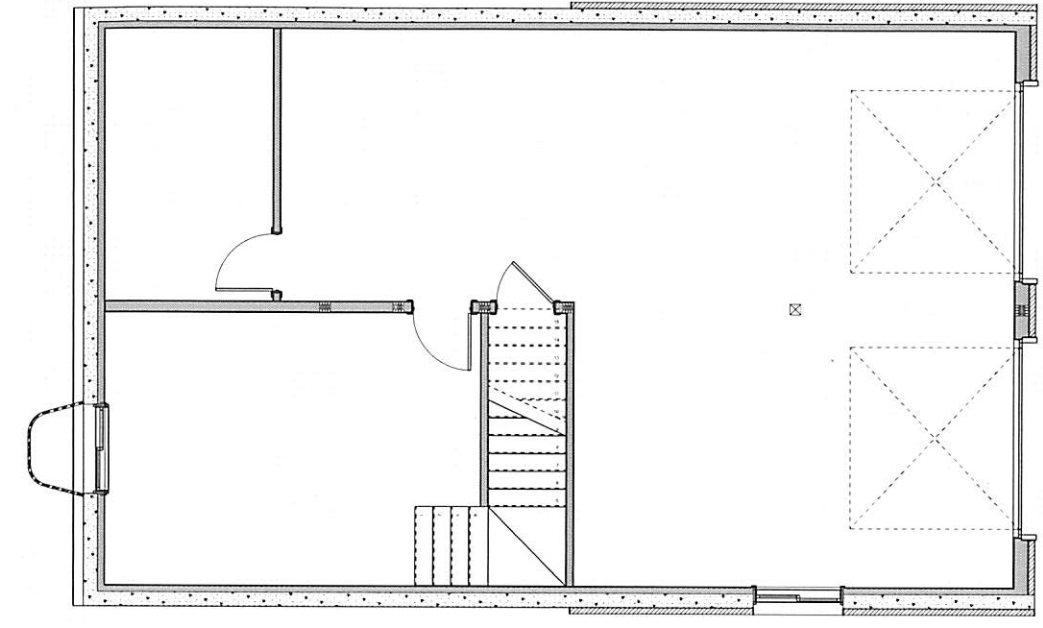
Revisions:

Plot Date: 8/29/17  
Sheet:  
**E-1**

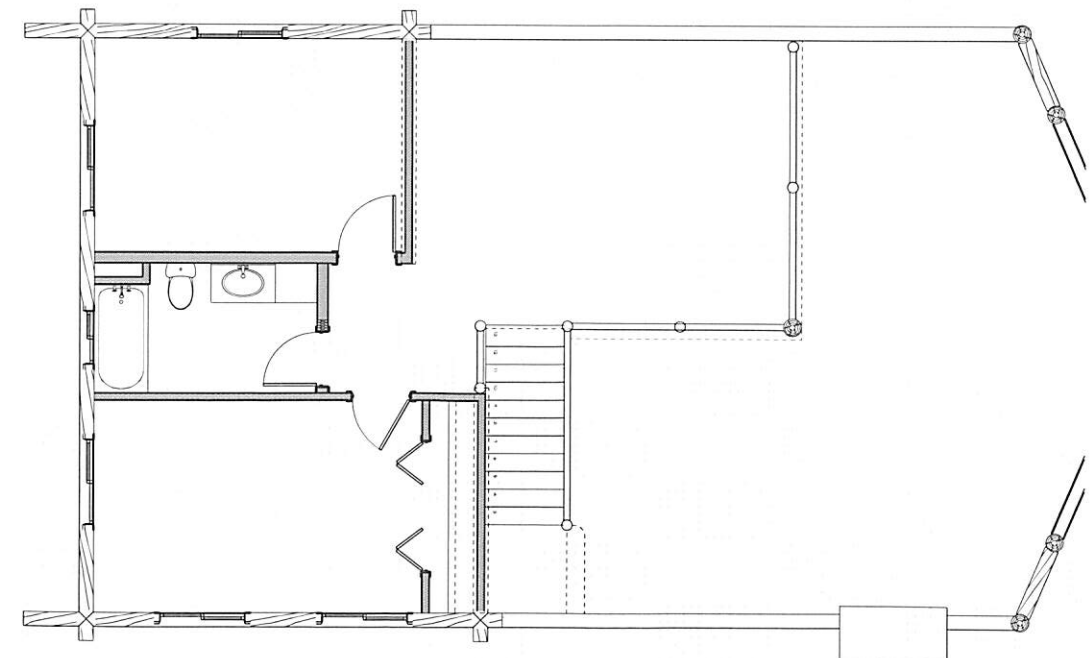


**MAIN FLOOR ELECTRICAL**  
SCALE: 1/4" = 1'-0"

ALL ELECTRICAL TO BE DESIGNED BY OWNER/BUILDER/ELECTRICIAN TO MEET ALL LOCAL CODES AND REGULATIONS.



**BASEMENT FLOOR ELECTRICAL**  
SCALE: 1/4" = 1'-0"



**SECOND FLOOR ELECTRICAL**  
SCALE: 1/4" = 1'-0"



**General Construction Notes:**

- These prints were drawn by a draftsman not a Engineer or an Architect. Yellowstone Log Homes LLC is not an Engineer or Architect. Yellowstone Log Homes LLC strongly recommends that these prints are approved and stamped by a Structural Engineer to meet code for the area the structure is to be built.
- The contractor is to review & verify these drawings in their entirety before attempting to build. Any & all discrepancies are to be reported to Yellowstone Log Homes LLC. Any errors due to not reviewing the plans are the contractor & home owners responsibility.
- If a Structural Engineer is not Contracted by or at the owners request to size all structural portions of this building then the Owner & or Builder will be responsible for all structural designs. By building or starting to build this building without the proper Engineering the owner & or builder are in agreement to accept all responsibility & liability for this building.
- All building methods by the Owner, Builder, Contractors or Subcontractors or any other persons or entities employed or contracted to work on the building are to comply with the local building codes in their entirety & with no exceptions. If there are no local building codes then all participating parties are to comply with the States building codes or the current UBC or IBCO building codes.
- All specifications in the drawings indicate the building in the finished state. The parties building all or part of the building are responsible for sound, current, & safe building practices, & on site safety, including proper support for partial walls, roofs, decks, etc. The parties building all or part of the building shall not overload any portion of the home and shall have no loads that exceed the maximum indicated by the engineer (if applicable to this building for any duration of time, temporary or permanent).
- The owner/contractor shall verify all materials and existing conditions at the job site and fully coordinate all dimensions and conditions of details with other disciplines before attempting to build.
- Any and all variances due to the builder, owner, or any other party without written consent in the design stage or afterwards will void all liabilities from the Engineers, designers, & other parties involved in the design stages of the building. The owner & or builder agree to hold harmless all parties involved in the design stage from any claims resulting from variances.
- In the event of a conflict between pertinent codes and regulations and referenced standards on these plans, the more stringent provisions will govern.
- Any design loads shown are assumed loads. The owner and contractor are responsible for checking the actual soil and snow load requirements. The owner & contractor are also responsible for obtaining a soils report if necessary.

**Grading & Drainage:**

- It is the responsibility of the building parties to verify grade and to build accordingly. Any req'd steps in the foundation are the responsibility of the building parties. It is the building parties responsibility to keep the work area safe while digging, scraping, backfilling and in all other aspects of the building project and practices.
- It is the responsibility of the building parties to supply adequate drainage grade & or drainage systems in the lot surrounding the building & in the foundation as req'd by local codes & as needed for local conditions. Use gravel as requested by owner for extra drainage.
- Finished grade is to provide sufficient slope for drainage away from the building in all seasons & as req'd by local code.

**Log Preservation:**

- In order to insure a weather tight seal, gasket should be used between each log, and over the notched corners. After completion of stacking logs, caulk or chinking should be applied on both sides of logs to all joints, seams, cracks, or crevasses where air infiltration may occur.
- Logs should be a minimum of 2 feet above grade, and a recommended 3 feet above grade. This will help protect logs from excess water backwash and snow fall.
- Contractor should maintain a minimum of 3 foot roof overhang on gables, and 2' foot recommended on eaves, for proper log protection.
- When stacking the log walls, OLY LOG screws, and or 1/2" Lag Bolts should be used per manufacturer's specifications and per local codes/requirements.
- Stain Sealant should be used per manufacturer's specifications to help protect against water sun, rot, and insect infestation.
- Utilize a landscaping barrier around the entire perimeter of the home to keep water from sprinklers off of the logs.

**Plans:**

- Great care and proficiency has been put into producing accurate plans. Any discrepancies in the plans shall be brought to the attention of Yellowstone Log Homes L.L.C. before attempting to build. However due to the impossibility of being on the site of construction, providing close supervision, giving personal consultations, having control over the actual construction, & due to the great variation of building materials, methods, practices, regulations, local codes, local building conditions, & weather conditions, Yellowstone Log Homes L.L.C. assumes NO liability or responsibility for any damages due to poor building methods, practices, errors or omissions, the failure to meet any & all codes, and the failure of the builder to verify plans before attempting to build. If the owner & or builder chooses to not have these plans Engineered by a structural engineer then the party making the decision is responsible for all structural & other related areas of the building.
- The plans should be reviewed thoroughly & an understanding of the plans & accepted building practices & codes should be reached before attempting to build.
- All written dimensions shall take precedence over scaled dimensions. Scaling off of the plans is not recommended and may lead to error in the final structure. The builder is to verify plans before attempting to build. While every attempt has been made to provide accurate plans Yellowstone Log Homes L.L.C. will not guarantee against errors. The builder is to verify plans before attempting to build.

**Log Construction:**

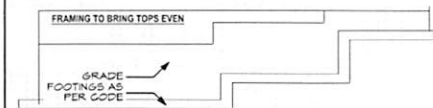
- Logs will generally be Western Woods with a low moisture content at the time of delivery. Logs are generally TPI graded at the plant site.
- Provision shall be made for shrinkage or settling of the log walls during & after construction.
- Setting jacks as shown shall be adjusted periodically as required after initial construction of the log shell.
- Contractor is responsible for construction that allows for settling in log walls, interior framed walls, cabinets, plumbing, etc.

**Concrete:**

- All steel or other reinforcing in the concrete is to be to local Building Codes. The Building parties are responsible to ensure that all building methods & practices are upheld.
- Use vapor barriers below grade as per local code.

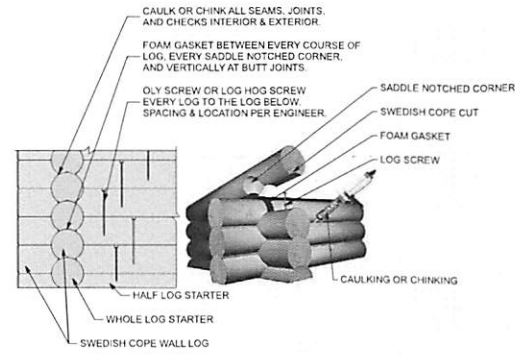
**GENERAL BUILDING NOTES:**

- The foundation is to be as per local code w/ footings placed as per local codes w/ frost line depths being met. Due to great variance in grade from building site to building site, it may be necessary to step the foundation to meet code.

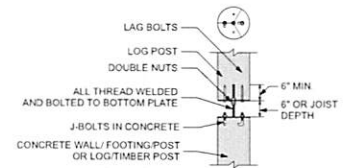


- The soil conditions & any required testing are the responsibility of the owner & or builder. If unique conditions are found then it is the responsibility of the parties finding the conditions to report them to the proper engineers for adequate modifications for the foundation.
- Final finished grade is to be at least 12" from the top of the foundation with a recommended 24". If local codes require something different then that code is to be followed. Finished grade is to provide sufficient drainage away from the building with slope, French drains or other as permitted by local codes. Sufficient drainage varies from area to area due to weather conditions so it is the responsibility of the owner & or builder to provide such drainage specifications or to acquire specifications from the local authorities.
- Foundation reinforcement & mechanical connections shall comply with local Seismic & Building code.

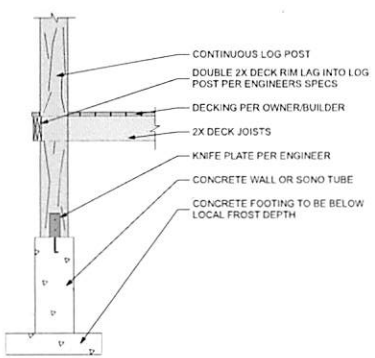
THE DETAILS REPRESENTED HERE ARE FOR REFERENCE ONLY, ALL OF WHICH MAY NOT APPLY TO THE ATTACHED STRUCTURE. THEY ARE SUBJECT TO REPLACEMENT PER LOCAL CODE OR WHEN ENGINEERING HAS BEEN REQUIRED, IN SUCH CASES REFER TO LOCAL BUILDING DEPARTMENT OR ENGINEERED PLANS FOR CORRECTED OR REPLACEMENT DETAILS.



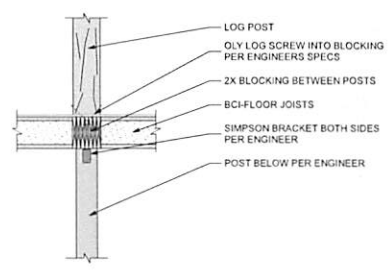
1 Foam Gasket, Fastening & Caulking



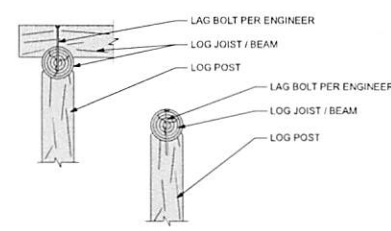
2 Settling Jack Detail (If Applicable)



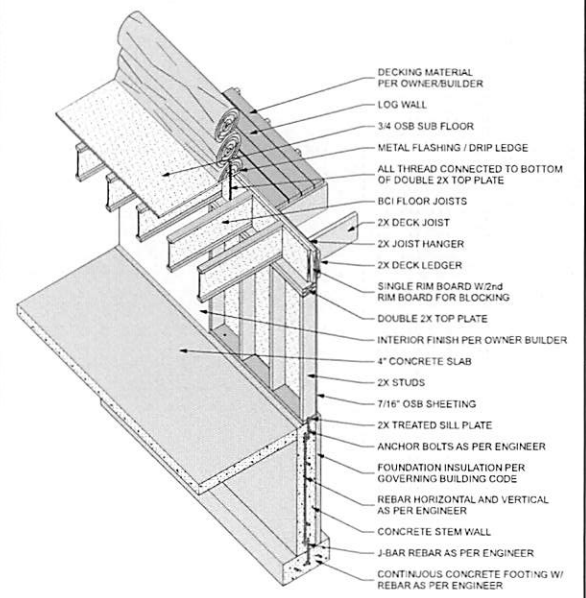
3 Log Deck Post



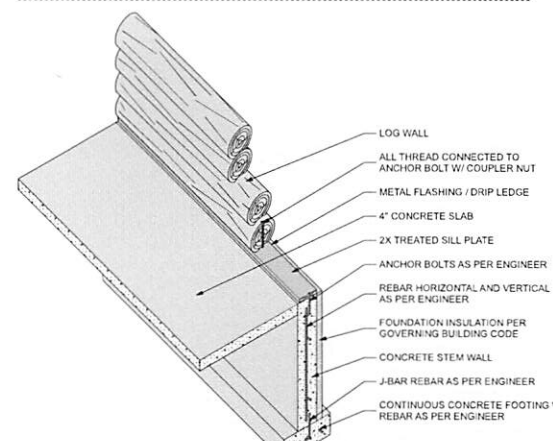
4 Blocking Between Floor Joists For Log Post



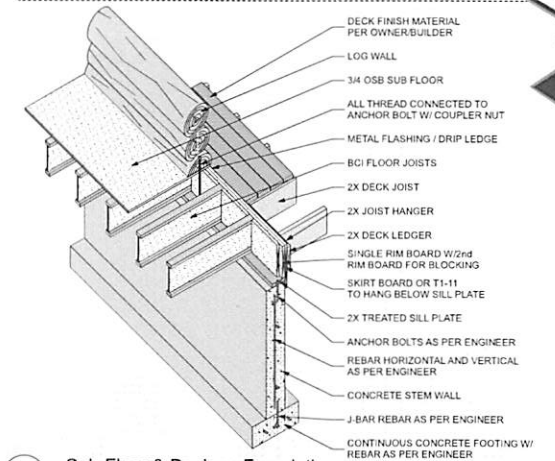
5 Log Joist or Beam Connection



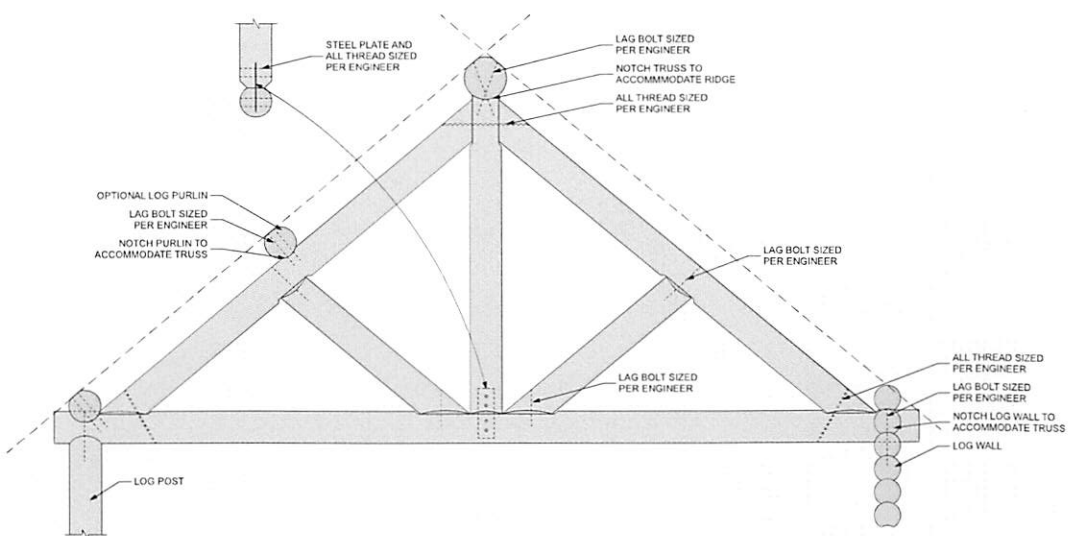
6 Daylight Basement



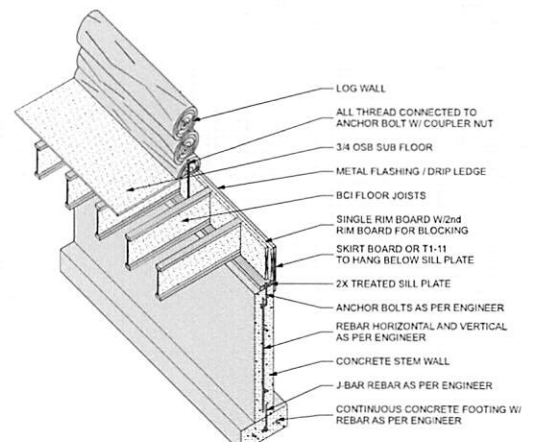
8 Log Wall at Slab on Grade



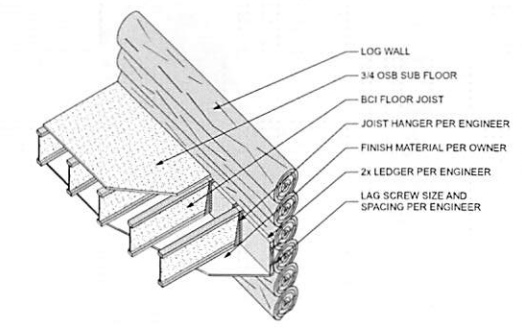
9 Sub-Floor & Deck on Foundation



7 Typical King Truss Detail



10 I-Joists On Stem Wall



11 I-Joist Floor Hung From Log Wall

The owner / builder are responsible for acquiring an engineer to size structural members. If engineering is not done then the owner / builder is liable for the structural members.

These plans are to be used only for the people and place stated. These plans may not be used without the written permission from : Yellowstone Log Homes L.L.C.

These plans were prepared by a designer who is not an engineer and expressly disclaims any liability for errors or omissions of any kind which may exist herein. The user of these plans assumes all liability for the accuracy, including verification of all dimensions, compliances with any and all governing codes, and covenants having jurisdiction over the site of construction and determining any modifications necessary to meet actual site conditions. The selection of correct structural materials and the application of architectural principles is a precise art, the responsibility for which rests with the builder, the owner, and or the user of these plans.

Plan renderings and elevation views shown may not reflect actual site conditions. please refer to builder/contractor for site conditions and what actually will be required and supplied for your construction site, such as the following: (landscape, grade, stairs, sidewalks, concrete slabs and retaining walls, etc.)

These plans have been designed for logs that are manufactured & supplied by Yellowstone Log Homes L.L.C. and authorized Dealers. No other logs are considered suitable.

**Yellowstone LOG HOMES L.L.C.**  
280 N. Yellowstone Hwy. - Ripley, ID 83442  
Ph: 208-745-8108 Fax: 208-745-8525  
www.yellowstoneloghomes.com

Draftsman: #CAD Technician Full Name

**Bill and Lisa Rules**  
(Modified 8 inch Hillside)  
(3rd Edition)  
© YELLOWSTONE LOG HOMES L.L.C.

Project Info: Revisions:

Plot Date: 8/29/17

Sheet: D-1

**General Construction Notes:**

- These prints were drawn by a draftsman not a Engineer or an Architect. Yellowstone Log Homes LLC is not an Engineer or Architect. Yellowstone Log Homes LLC strongly recommends that these prints are approved and stamped by a Structural Engineer to meet code for the area the structure is to be built.
- The contractor is to review & verify these drawings in their entirety before attempting to build. Any & all discrepancies are to be reported to Yellowstone Log Homes LLC. Any errors due to not reviewing the plans are the contractor's & home owners responsibility.
- If a Structural Engineer is not Contracted by or at the owners request to size all structural portions of this building then the Owner & or Builder will be responsible for all structural designs. By building or starting to build this building without the proper Engineering the owner & or builder are in agreement to accept all responsibility & liability for this building.
- All building methods by the Owner, Builder, Contractors, or Subcontractors or any other persons or entities employed or contracted to work on the building are to comply with the local building codes in their entirety & with no exceptions. If there are no local building codes then all participating parties are to comply with the States building codes or the current UEC or ICBO building codes.
- All specifications in the drawings indicate the building in the finished state. The parties building all or part of the building are responsible for sound, current, & safe building practices, & on site safety, including proper support for partial walls, roofs, decks, etc. The parties building all or part of the building shall not overload any portion of the home and shall have no loads that exceed the maximum indicated by the engineer (if applicable to this building) for any duration of time, temporary or permanent.
- The owner/contractor shall verify all materials and existing conditions at the job site, and fully coordinate all dimensions and conditions of details with other disciplines before attempting to build.
- Any and all variations due to the builder, owner, or any other party without written consent in the design stage or afterwards will void all liabilities from the Engineers, designers, & other parties involved in the design stages of the building. The owner & or builder agree to hold harmless all parties involved in the design stage from any claims resulting from variances.
- In the event of a conflict between pertinent codes and regulations and referenced standards on these plans, the more stringent provisions will govern.
- Any design loads shown are assumed loads. The owner and contractor are responsible for checking the actual soil and snow load requirements. The owner & contractor are also responsible for obtaining a soils report if necessary.

**Grading & Drainage:**

- It is the responsibility of the building parties to verify grade and to build accordingly. Any req'd steps in the foundation are the responsibility of the building parties. It is the building parties responsibility to keep the work area safe while digging, scraping, backfilling and in all other aspects of the building project and practices.
- It is the responsibility of the building parties to supply adequate drainage grade & or drainage systems in the lot surrounding the building & in the foundation as req'd by local codes & as needed for local conditions. Use gravel as requested by owner for extra drainage.
- Finished grade is to provide sufficient slope for drainage away from the building in all seasons & as req'd by local code.

**Log Preservation:**

- In order to insure a weather tight seal, gasket should be used between each log, and over the notched corners. After completion of stacking logs, caulk or chinking should be applied on both sides of logs to all joints, seams, cracks, or crevasses where air infiltration may occur.
- Logs should be a minimum of 2 feet above grade, and a recommended 3 feet above grade. This will help protect logs from excess water backwash and snow fall.
- Contractor should maintain a minimum of 3' foot roof overhang on gables, and 2' foot recommended over eaves, for proper log protection.
- When stacking the log walls, OLY LOG screws, and or 1/2" Lag Bolts should be used per manufacturer's specifications and per local codes/requirements.
- Stain Sealant should be used per manufacturer's specifications to help protect against water sun, rot, and insect infestation.
- Utilize a landscaping barrier around the entire perimeter of the home to keep water from sprinklers off of the logs.

**Plans:**

- Great care and proficiency has been put into producing accurate plans. Any discrepancies in the plans shall be brought to the attention of Yellowstone Log Homes LLC before attempting to build. However due to the impossibility of being on the site of construction, providing close supervision, giving personal consultations, having control over the actual construction, & due to the great variation of building materials, methods, practices, regulations, local codes, local building conditions, & weather conditions, Yellowstone Log Homes LLC assumes NO liability or responsibility for any damages due to poor building methods, practices, errors or omissions, the failure to meet any & all codes, and the failure of the builder to verify plans before attempting to build. If the owner & or builder chooses to not have these plans engineered by a structural engineer then the party making the decision is responsible for all structural & other related areas of the building.
- The plans should be reviewed thoroughly & an understanding of the plans & accepted building practices & codes should be reached before attempting to build.
- All written dimensions shall take precedence over scaled dimensions. Scaling off of the plans is not recommended and may lead to error in the final structure. The builder is to verify plans before attempting to build. While every attempt has been made to provide accurate plans Yellowstone Log Homes LLC will not guarantee against errors. The builder is to verify plans before attempting to build.

**Log Construction:**

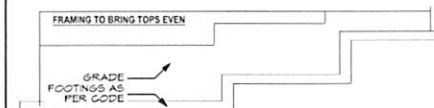
- Logs will generally be Western Woods with a low moisture content at the time of delivery. Logs are generally IPF graded at the port site.
- Provision shall be made for shrinkage or settling of the log walls during & after construction.
- Setting jacks as shown shall be adjusted periodically as required after initial construction of the log shell.
- Contractor is responsible for construction that allows for settling in log walls, interior framed walls, cabinets, plumbing, etc.

**Concrete:**

- All steel or other reinforcing in the concrete is to be to local Building Codes. The Building parties are responsible to ensure that all building methods & practices are upheld.
- Use vapor barriers below grade as per local code.

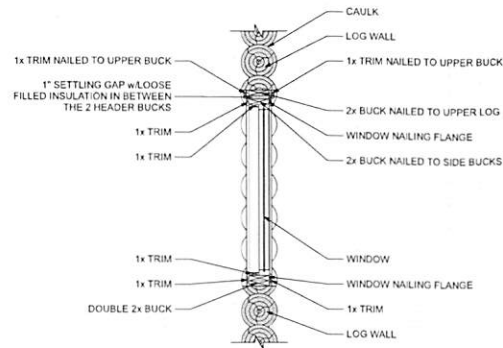
**GENERAL BUILDING NOTES:**

- The foundation is to be as per local code w/ footings placed as per local codes w/ frost line depths being met. Due to great variance in grade from building site to building site, it may be necessary to step the foundation to meet code.



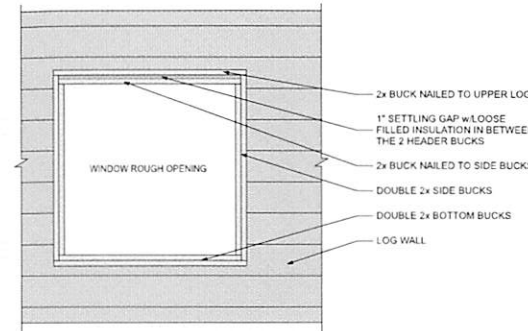
- The soil conditions & any required testing are the responsibility of the owner & or builder. If unique conditions are found then it is the responsibility of the parties finding the conditions to report them to the proper engineers for adequate modifications for the foundation.
- Final finished grade is to be at least 12" from the top of the foundation with a recommended 24" if local codes require something different than that code is to be followed. Finished grade is to provide sufficient drainage away from the building with slope, French drains or other as permitted by local codes. Sufficient drainage varies from area to area due to weather conditions so it is the responsibility of the owner & or builder to provide such drainage specifications or to acquire specifications from the local authorities.
- Foundation reinforcement & mechanical connections shall comply with local Seismic & Building code.

THE DETAILS REPRESENTED HERE ARE FOR REFERENCE ONLY, ALL OF WHICH MAY NOT APPLY TO THE ATTACHED STRUCTURE. THEY ARE SUBJECT TO REPLACEMENT PER LOCAL CODE OR WHEN ENGINEERING HAS BEEN REQUIRED, IN SUCH CASES REFER TO LOCAL BUILDING DEPARTMENT OR ENGINEERED PLANS FOR CORRECTED OR REPLACEMENT DETAILS.



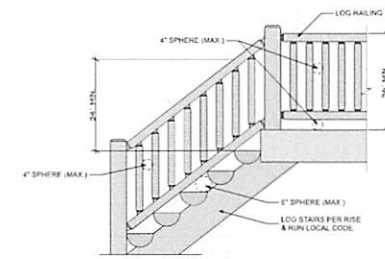
**DETAIL NOTE:**  
- TOP BUCKING AND TRIM DETAIL CAN ALSO BE USED FOR MOST EXTERIOR DOORS  
- CAULK ALL BUCKING & TRIM TO ENSURE A WEATHER TIGHT SEAL.

12 Window/Door Section Detail

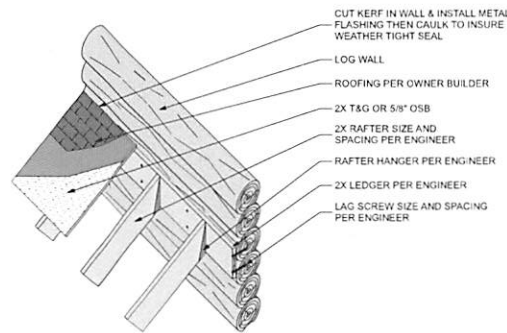


**DETAIL NOTE:**  
- TOP BUCKING AND TRIM DETAIL CAN ALSO BE USED FOR MOST EXTERIOR DOORS

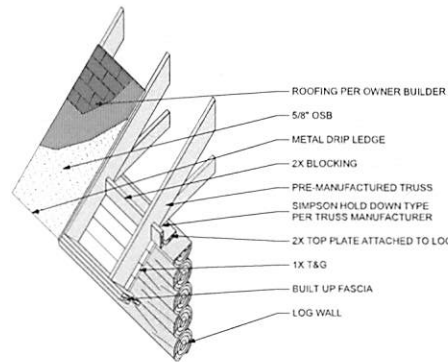
13 Window Frame Detail



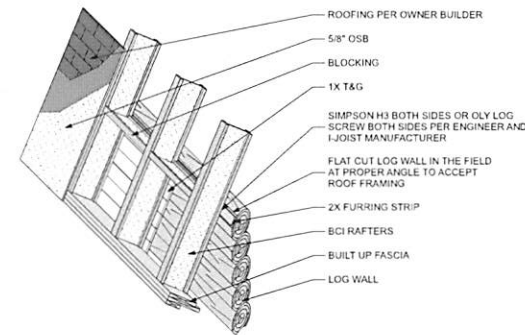
14 Log Stair Railing



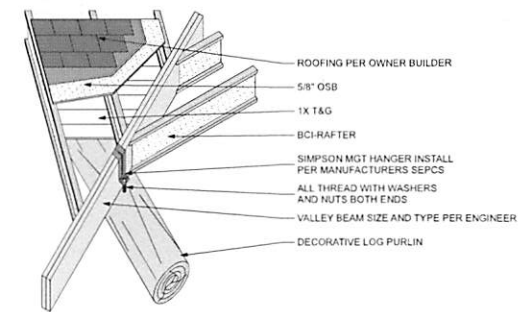
15 Log Wall Porch Roof Attachment



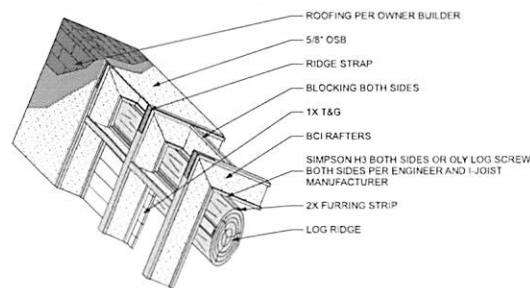
16 Log Wall With Manufactured Trusses



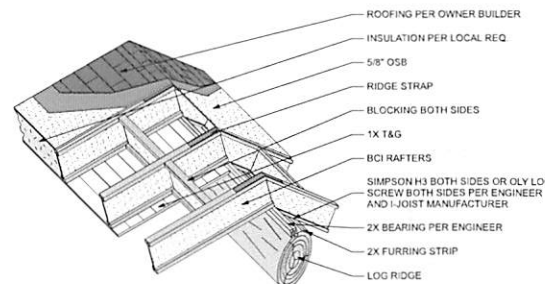
17 I-Joist Rafters @ Log Wall



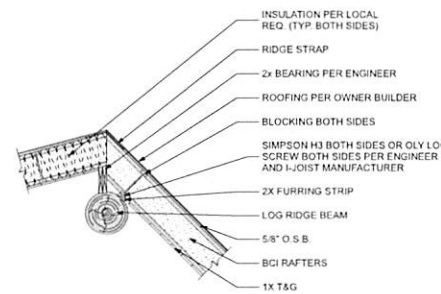
18 Decorative Purlin Hung From Valley (If Applicable)



19 I-Joist Rafters On Log Ridge



21 Shed Dormer @ Log Ridge



20 (Section) Shed Dormer @ Log Ridge

The owner / builder are responsible for acquiring an engineer to size structural members. If engineering is not done then the owner / builder is liable for the structural members.

These plans are to be used only for the people and place stated. These plans may not be used without the written permission from : Yellowstone Log Homes L.L.C.

These plans were prepared by a designer who is not an engineer and expressly disclaims any liability for errors or omissions of any kind which may exist herein. The user of these plans assumes all liability for the accuracy, including verification of all dimensions, compliances with any and all governing codes, and covenants having jurisdiction over the site of construction and determining any modifications necessary to meet actual site conditions. The selection of correct structural materials and the application of architectural principles is a precise art, the responsibility for which rests with the builder, the owner, and or the user of these plans.

Plan renderings and elevation views shown may not reflect actual site conditions. Please refer to builder/contractor for site conditions and what actually will be required and supplied for your construction site, such as the following: (landscape, grade, stairs, sidewalks, concrete slabs and retaining walls, etc.)

These plans have been designed for logs that are manufactured & supplied by Yellowstone Log Homes L.L.C. and authorized Dealers. No other logs are considered suitable.



280 N. Yellowstone Hwy.  
Ridgely, ID 83442  
Ph: 208-745-8100 Fax: 208-745-8325  
www.yellowstoneloghomes.com

Draftsman:  
#CAD Technician Full Name

Project Info:  
Revisions:  
Plot Date: 8/29/17  
Sheet:  
D-2

Bill and Lisa Rules  
(Modified 8 Inch Hillside)  
(3rd Edition)

© YELLOWSTONE LOG HOMES L.L.C.

# RULES RESIDENCE, WEBER COUNTY, UTAH

## PROJECT DATA

1. GOVERNING BUILDING CODE: IRC 2015
2. OCCUPANCY AND GROUP: R-3
3. TYPE OF CONSTRUCTION: TYPE V-B
4. LOCATION ON PROPERTY:
  - EXTERIOR WALLS: NON-RATED
  - EXTERIOR OPENINGS: NON-RATED
5. OCCUPANCY SEPARATION : NOT REQUIRED
  - SPRINKLED: NO
  - NUMBER OF STORIES: 2.0
6. FIRE RESISTIVE REQUIREMENTS:
  - SEE ARCHITECTURAL DWGS

## PROJECT INFORMATION

OWNER ADDRESS :  
 BILL RULES  
 1700 WEST 2700 NORTH  
 PLEASANTVIEW, UT 84414  
 BUILDING DEPARTMENT:  
 WEBER COUNTY, UT

## DRAWING INDEX

AO COVER SHEET  
 S0 GENERAL NOTES  
 S1.0 CONNECTION DETAILS  
 S1.1 CONNECTION DETAILS  
 S1.2 CONNECTION DETAILS  
 S2 FOUNDATION PLAN  
 S3 MAIN FLOOR FRAMING  
 S4 SECOND FLOOR FRAMING  
 S5 ROOF FRAMING  
 S6 SHEAR WALLS

## BUILDING SQ. FT.

LIVING SPACE :  
 MAIN FLOOR = 1204 SQ. FT.  
 SECOND FLOOR = 626 SQ. FT.  
 TOTAL = 1830 SQ. FT.  
 NON LIVING SPACE :  
 BASEMENT/GARAGE = 1232 SQ. FT.  
 DECK OR PORCH = 1189 SQ. FT.

## DESIGN NOTES

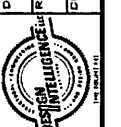
GROUND SNOW LOAD - 62 PSF  
 FLAT ROOF SNOW LOAD - 43 PSF  
 SNOW LOAD IMPORTANCE FACTOR - 1.0  
 SNOW EXPOSURE FACTOR - 1.0  
 THERMAL FACTOR - 1.0  
 OCCUPANCY CATEGORY - II  
 BEARING PRESSURE - 2000 PSF  
 ULTIMATE WIND SPEED - 115 MPH, EXP B  
 WIND IMPORTANCE FACTOR - 1.0  
 SEISMIC DESIGN CATEGORY - D  
 SEISMIC SITE CLASS - D  
 RISK CATEGORY - II  
 SEISMIC COEFFICIENTS -  
 Sds: 0.723g Sd1: 0.387g Cs: 0.18 R: 4.0  
 SEISMIC ANALYSIS PROCEDURE -  
 EQUIVALENT LATERAL FORCE METHOD  
 FLOOR LIVE LOAD - 40 PSF  
 FLOOR DEAD LOAD - 15 PSF  
 ROOF DEAD LOAD - 15 PSF

# STRUCTURAL DRAWINGS ONLY

### CONTRACTOR'S RESPONSIBILITY

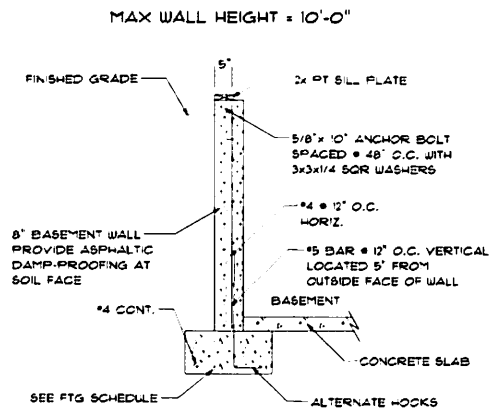
IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVEAL ALL ASPECTS OF THESE DRAWINGS ARCHITECTURAL AND STRUCTURAL PRIOR TO CONSTRUCTION. ANY CONFLICTS SHALL BE REPORTED TO THE ENGINEER FOR CORRECTION. CHANGES MAY BE PROPOSED BY THE CONTRACTOR IF HE FEELS THE CHANGE IS IN THE BEST INTEREST OF THE OWNER. CHANGES SHALL BE FORWARDED TO THE ENGINEER IN WRITING FOR APPROVAL PRIOR TO CONSTRUCTION.

DRAWINGS & SPECIFICATIONS AS INSTRUMENTS OF PROFESSIONAL SERVICE ARE AND SHALL REMAIN PROPERTY OF DESIGN INTELLIGENCE, LLC. THESE DOCUMENTS ARE NOT TO BE USED IN WHOLE OR IN PART FOR ANY PROJECT OR PURPOSE WHATSOEVER WITHOUT THE PRIOR SPECIFIC WRITTEN AUTHORIZATION OF DESIGN INTELLIGENCE, LLC.

DATE	REVISION	REVISION	REVISION
September 11, 2011			
			
SCALE	AS NOTED	CREATED BY	DATE
		MDU	2017-202
<b>DESIGN INTELLIGENCE, LLC</b> 1031 ERIKSON DR. REXBURG, IDAHO 83440 TEL: (208) 399-1461 FAX: (208) 399-0140			
<b>RULES RESIDENCE</b> WEBER COUNTY, UT		<b>AO</b>	

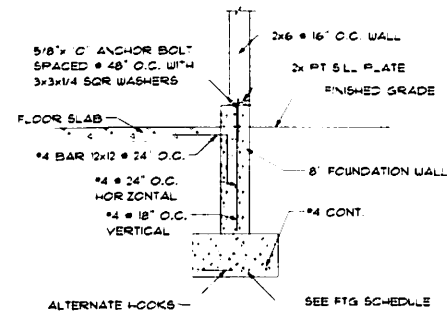






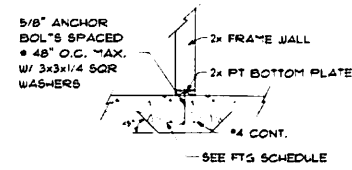
**BASEMENT WALL DETAIL**

1  
S.I.O.



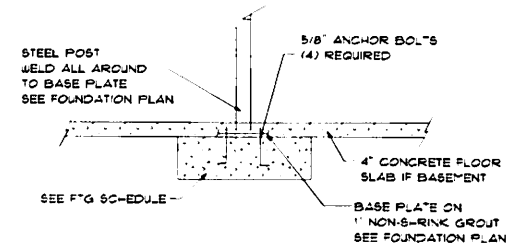
**STEM WALL DETAIL WITH SLAB FLOOR**

2  
S.I.O.



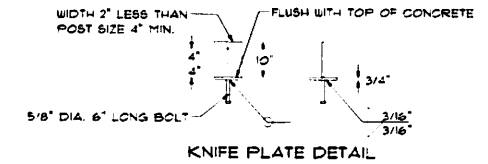
**INTERIOR FOOTING**

3  
S.I.O.

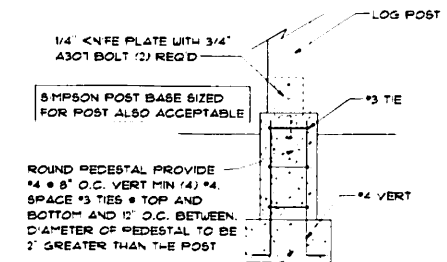


**STEEL POST CONNECTIONS**

4  
S.I.O.

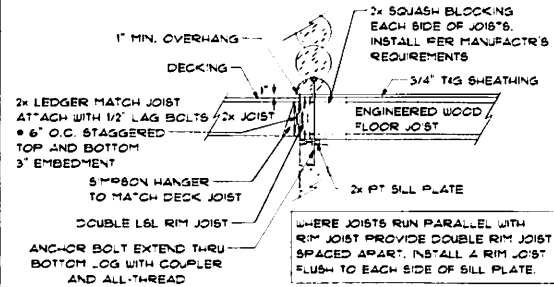


**KNIFE PLATE DETAIL**



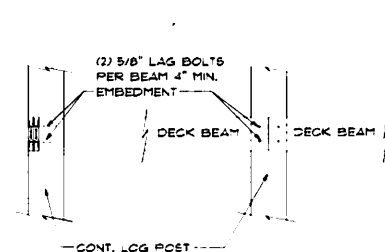
**LOG POST TO DECK PEDESTAL DETAIL**

5  
S.I.O.



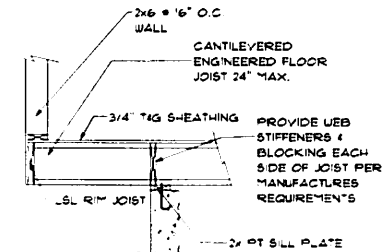
**DECK ATTACHMENT**

6  
S.I.O.



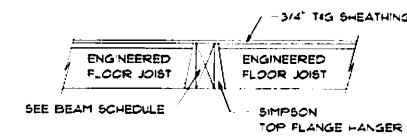
**DECK BEAM TO LOG POST**

7  
S.I.O.



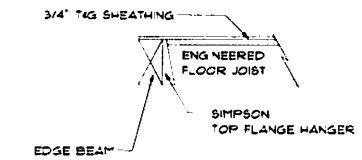
**CANTILEVERED FLOOR JOIST**

8  
S.I.O.



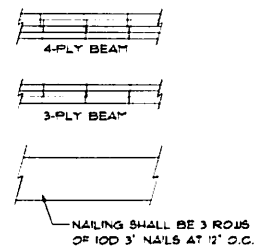
**BEAM FLOOR JOIST SUPPORT**

9  
S.I.O.



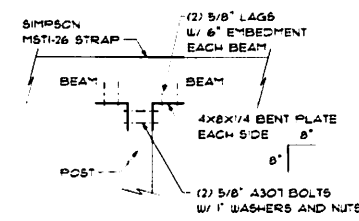
**EDGE BEAM FLOOR JOIST SUPPORT**

10  
S.I.O.



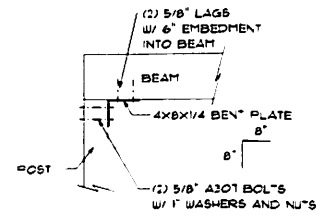
**BUILT UP BEAM DETAIL**

11  
S.I.O.



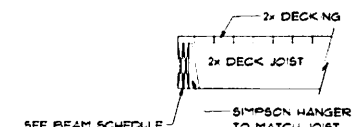
**POST TO BEAM**

12  
S.I.O.



**POST TO BEAM**

13  
S.I.O.

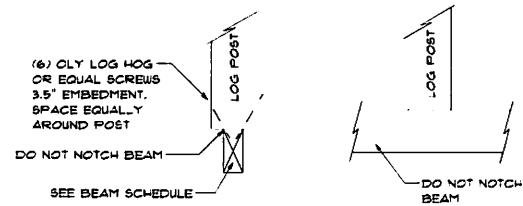


**BEAM DECK JOIST SUPPORT**

14  
S.I.O.

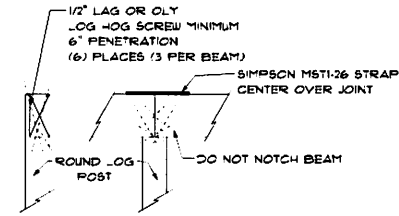
**CONTRACTOR'S RESPONSIBILITY**  
IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL ASPECTS OF THESE DRAWINGS ARCHITECTURAL AND STRUCTURAL PRIOR TO CONSTRUCTION. ANY CONFLICTS SHALL BE REPORTED TO THE ENGINEER FOR CORRECTION. CHANGES MAY BE PROPOSED BY THE CONTRACTOR IF HE FEELS THE CHANGE IS IN THE BEST INTEREST OF THE OWNER. CHANGES SHALL BE FORWARDED TO THE ENGINEER IN WRITING FOR APPROVAL PRIOR TO CONSTRUCTION.

DRAWINGS & SPECIFICATIONS, AS INSTRUMENTS OF PROFESSIONAL SERVICE ARE AND SHALL REMAIN PROPERTY OF DESIGN INTELLIGENCE, LLC. THESE DOCUMENTS ARE NOT TO BE USED IN WHOLE OR IN PART FOR ANY PROJECT OR PURPOSE WHATSOEVER WITHOUT THE PREVIOUS WRITTEN AUTHORIZATION OF DESIGN INTELLIGENCE, LLC.



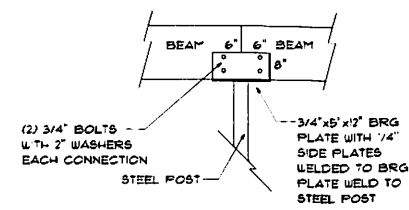
LOG POST TO BEAM

1  
Sl.1



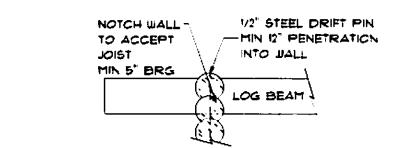
WOOD BEAM TO LOG POST

2  
Sl.1



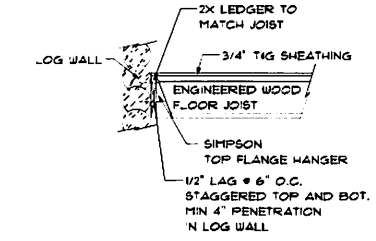
WOOD BEAM TO STEEL POST

3  
Sl.1



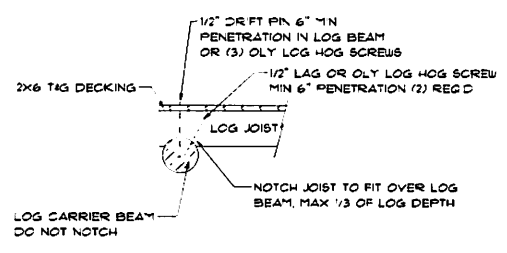
LOG BEAM THROUGH LOG WALL

4  
Sl.1



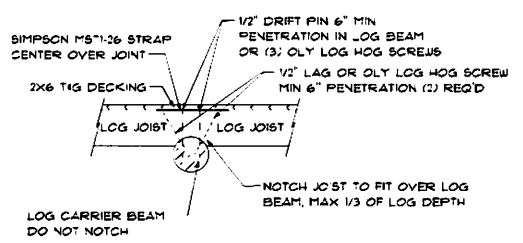
FLOOR JOIST TO LOG WALL

5  
Sl.1



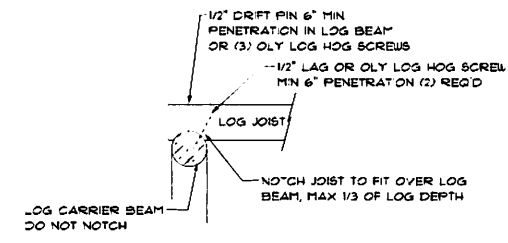
LOG JOIST TO LOG BEAM

6  
Sl.1



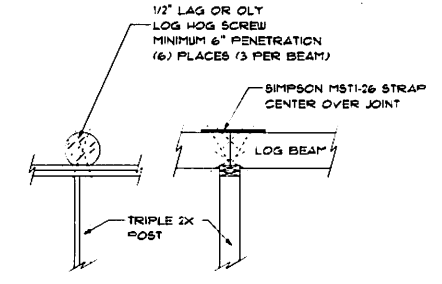
LOG JOISTS TO LOG BEAM

7  
Sl.1



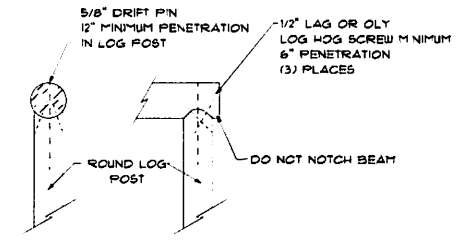
LOG JOIST TO LOG BEAM

8  
Sl.1



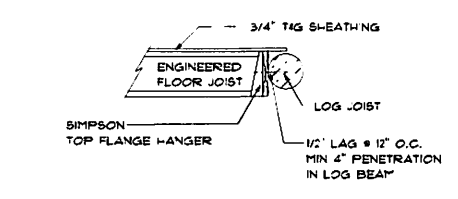
LOG BEAM TO FRAMED WALL

9  
Sl.1



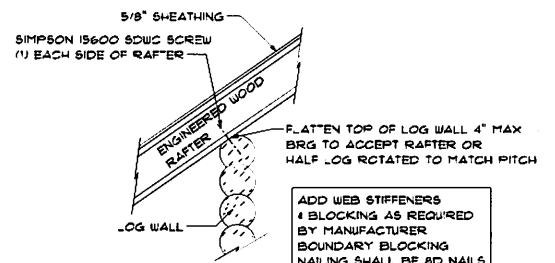
LOG BEAM TO LOG POST

10  
Sl.1



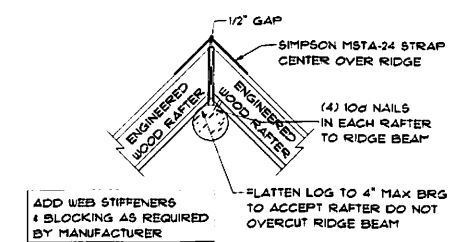
EDGE BEAM FLOOR JOIST SUPPORT

11  
Sl.1



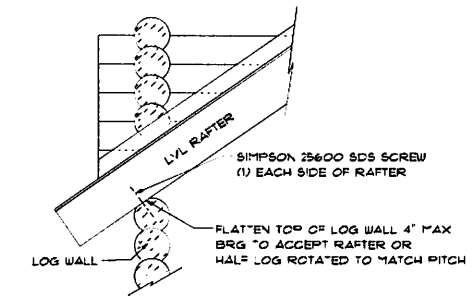
RAFTER TO LOG WALL

12  
Sl.1



RAFTER TO RIDGE

13  
Sl.1



LOG DORMER WALL TO LVL RAFTER

14  
Sl.1

CONTRACTOR'S RESPONSIBILITY  
IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL ASPECTS OF THESE DRAWINGS, ARCHITECTURAL AND STRUCTURAL PRIOR TO CONSTRUCTION. ANY CONFLICTS SHALL BE REPORTED TO THE ENGINEER FOR CORRECTION. CHANGES MAY BE PROPOSED BY THE CONTRACTOR IF HE FEELS THE CHANGE IS IN THE BEST INTEREST OF THE OWNER. CHANGES SHALL BE FORWARDED TO THE ENGINEER IN WRITING FOR APPROVAL PRIOR TO CONSTRUCTION.

DRAWINGS & SPECIFICATIONS AS INSTRUMENTS OF PROFESSIONAL SERVICE ARE AND SHALL REMAIN PROPERTY OF DESIGN INTELLIGENCE, LLC. THESE DOCUMENTS ARE NOT TO BE USED IN WHOLE OR IN PART FOR ANY PROJECT OR PURPOSE WHATSOEVER, WITHOUT THE WRITTEN SPECIFIC WRITTEN AUTHORIZATION OF DESIGN INTELLIGENCE, LLC.

DATE REVISIONS  
REVISIONS  
DRAWING

DESIGN INTELLIGENCE, LLC  
1031 ERIKSON DR.  
REXBURG, IDAHO 83440  
TEL: (208) 399-1461  
FAX: (208) 399-0140

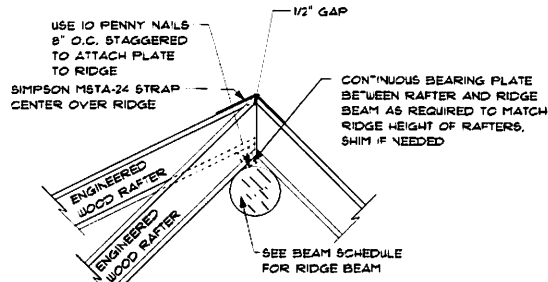
SCALE AS NOTED  
DRAWN BY MIDU  
2017-202

DESIGN INTELLIGENCE, LLC

RULES RESIDENCE  
WEBER COUNTY, UT

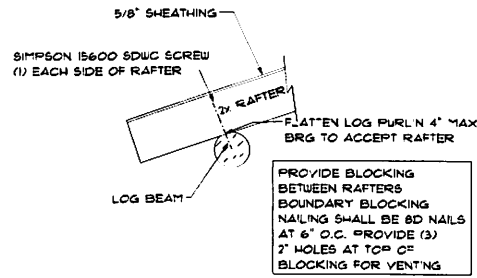
Sl.1





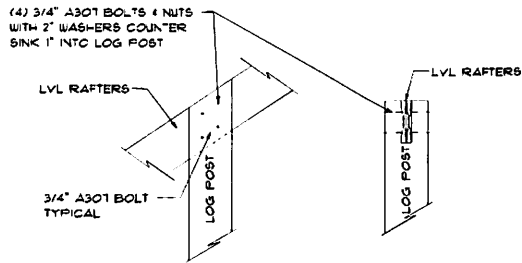
DORMER RAFTER CONNECTION

1  
S1.2



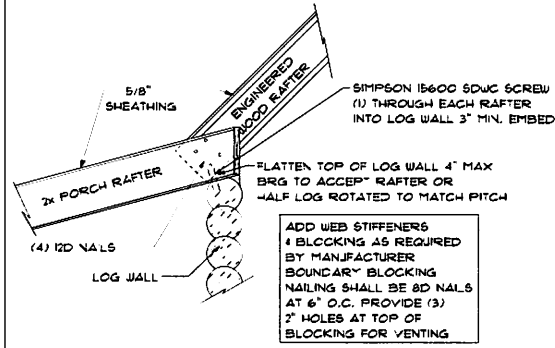
RAFTER TO LOG BEAM

2  
S1.2



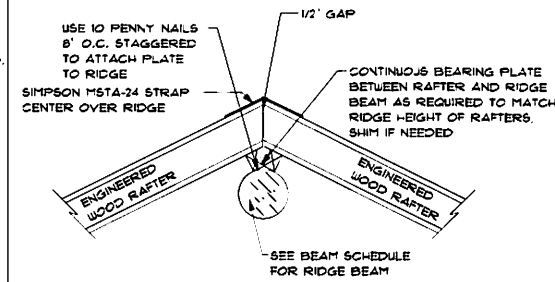
LOG POST TO LVL RAFTER

3  
S1.2



PORCH TO ROOF EDGE ATTACHMENT

4  
S1.2



DORMER RAFTER CONNECTION

5  
S1.2

6  
S1.2

7  
S1.2

8  
S1.2

9  
S1.2

10  
S1.2

11  
S1.2

CONTRACTOR'S RESPONSIBILITY  
IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL ASPECTS OF THESE DRAWINGS, ARCHITECTURAL, AND STRUCTURAL, PRIOR TO CONSTRUCTION. ANY CONFLICTS SHALL BE REPORTED TO THE ENGINEER FOR CORRECTION. CHANGES MAY BE PROPOSED BY THE CONTRACTOR IF HE FEELS THE CHANGE IS IN THE BEST INTEREST OF THE OWNER. CHANGES SHALL BE FORWARDED TO THE ENGINEER IN WRITING FOR APPROVAL PRIOR TO CONSTRUCTION.

12  
S1.2

13  
S1.2

14  
S1.2

15  
S1.2

DRAWINGS & SPECIFICATIONS, AS INSTRUMENTS OF PROFESSIONAL SERVICE ARE AND SHALL REMAIN PROPERTY OF DESIGN INTELLIGENCE, LLC. THESE DOCUMENTS ARE NOT TO BE REPRODUCED OR IN PART FOR ANY PROJECT OR PURPOSE WHATSOEVER, WITHOUT THE PRIOR SPECIFIC WRITTEN AUTHORIZATION OF DESIGN INTELLIGENCE, LLC.

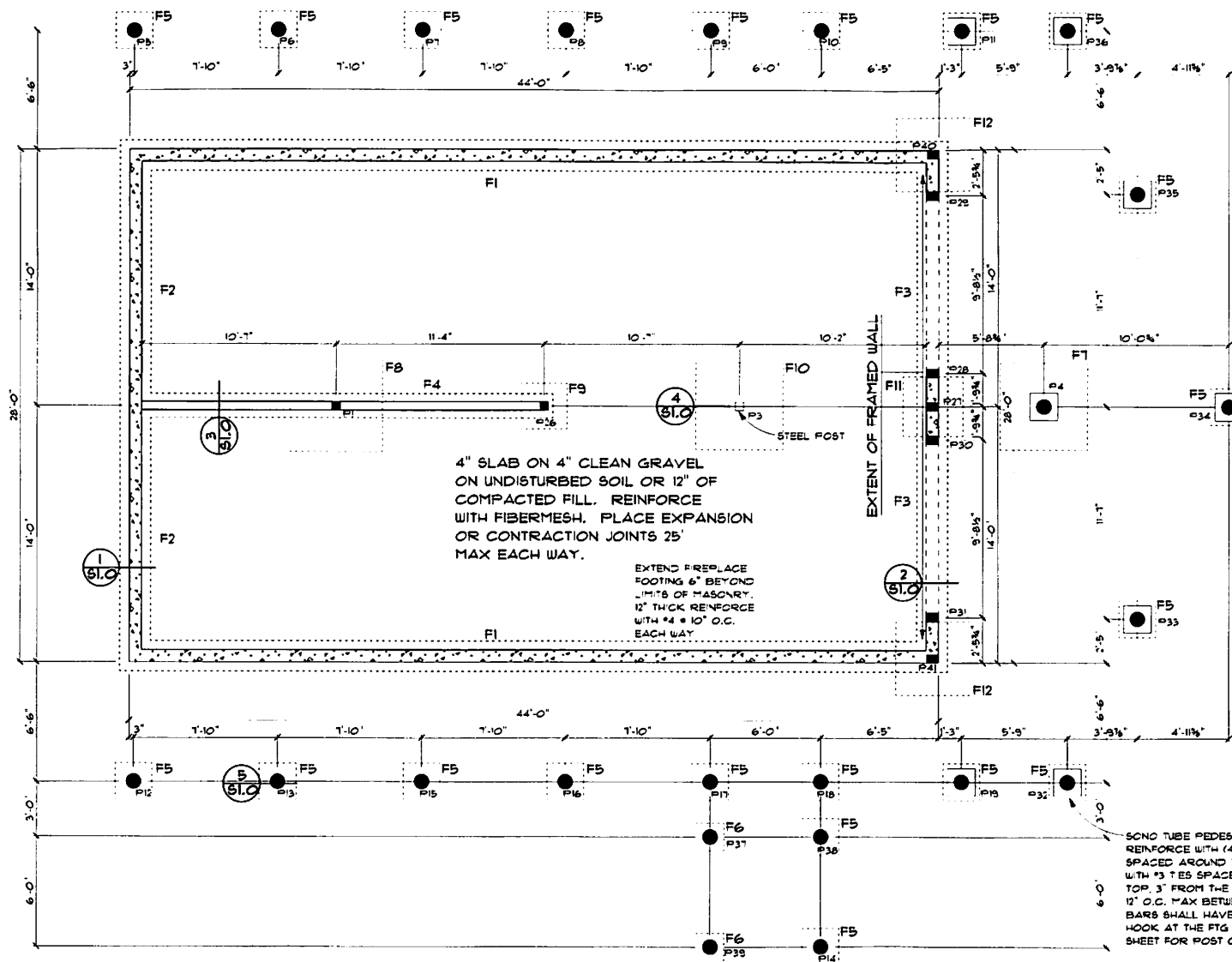
DATE: September 27, 2011  
REVISIONS:  
DRAWING:

SCALE: AS NOTED  
DRAWN BY: MIDW  
2011-202

**DESIGN INTELLIGENCE, LLC**  
1031 ERIKSSON DR. TEL: (208) 359-1461  
REXBURG, IDAHO 83440 FAX: (208) 359-0140

**RULES RESIDENCE**  
WEBER COUNTY, UT

**S1.2**



**ALTERNATE BIG FOOT FOOTING SCHEDULE:**

FOR SPREAD FOOTINGS:  
 UP TO 18"X18" USE BF20  
 UP TO 21"X21" USE BF24  
 UP TO 24"X24" USE BF28  
 UP TO 30"X30" USE BF36

**BLOCKOUTS**

CONTRACTOR SHALL VERIFY ALL WINDOW AND DOOR ROUGH OPENING SIZES BEFORE FORMING BLOCKOUTS. SEE ARCHITECTURAL DRAWINGS FOR ALL WINDOW AND DOOR SIZES AND LOCATIONS.

**FOUNDATION NOTES:**

- SEE SHEET 50 FOR ADDITIONAL GENERAL NOTES.
- BOTTOM OF FOOTING SHALL BE BELOW LOCAL FROST LINE.

BOTTOM OF FOOTINGS MAY VARY SEE ARCHITECTURAL DRAWINGS

**FOOTING SCHEDULE**

- F1 = 26X10 CONT. FTG WITH (3) #4 CONT.
- F2 = 20X10 CONT. FTG WITH (2) #4 CONT.
- F3 = 16X10 CONT. FTG WITH (2) #4 CONT.
- F4 = 12X8 CONT. FTG WITH (2) #4 CONT.
- F5 = 24X24X12 FTG WITH (3) #4 EACH WAY
- F6 = 18X18X12 FTG WITH (3) #4 EACH WAY
- F7 = 54X54X12 FTG WITH (7) #4 EACH WAY
- F8 = 63X63X12 FTG WITH (8) #4 EACH WAY
- F9 = 30X30X12 FTG WITH (4) #4 EACH WAY
- F10 = 57X57X12 FTG WITH (7) #4 EACH WAY
- F11 = 39X39X12 FTG WITH (5) #4 EACH WAY
- F12 = 48X48X12 FTG WITH (6) #4 EACH WAY

**POST SCHEDULE**

- P1 = (1) DF #1 6X8
- P2 = (1) 10" R LOG POST
- P3 = (1) HSS 4x4x1/4 W/ 12X12X1 BF
- P4-P25 = (1) 10" R LOG POST
- P26 = (2) DF #1 2X6
- P27-P31 = (2) DF #1 2X8
- P32-P39 = (1) 10" R LOG POST
- P40-P41 = (1) DF #1 6X8

SONO TUBE PEDESTAL REINFORCE WITH (4) #4 EQUALLY SPACED AROUND THE PERIMETER WITH #3 TIES SPACED 3" FROM THE TOP, 3" FROM THE BOTTOM AND 12" O.C. MAX BETWEEN. VERTICAL BARS SHALL HAVE A 9" STANDARD HOOK AT THE FTG END. SEE DETAIL SHEET FOR POST CONNECTION. (TYP.)

**FOUNDATION PLAN**

1/4" = 1'-0"

- LEGEND**
- STRUCTURAL POST
  - SONO TUBE UNO

**CONTRACTOR'S RESPONSIBILITY**

IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVEAL ALL ASPECTS OF THESE DRAINAGE, ARCHITECTURAL, AND STRUCTURAL PRIOR TO CONSTRUCTION. ANY CONFLICTS SHALL BE REPORTED TO THE ENGINEER FOR CORRECTION. CHANGES MAY BE PROPOSED BY THE CONTRACTOR IF HE FEELS THE CHANGE IS IN THE BEST INTEREST OF THE OWNER. CHANGES SHALL BE FORWARDED TO THE ENGINEER IN WRITING FOR APPROVAL PRIOR TO CONSTRUCTION.

DRAWINGS & SPECIFICATIONS AS INSTRUMENTS OF PROFESSIONAL SERVICE ARE AND SHALL REMAIN PROPERTY OF DESIGN INTELLIGENCE, LLC. THESE DOCUMENTS ARE NOT TO BE REPRODUCED OR IN PART FOR ANY PROJECT OR PURPOSE WHATSOEVER WITHOUT THE PRIOR SPECIFIC WRITTEN AUTHORIZATION OF DESIGN INTELLIGENCE, LLC.

**S2**

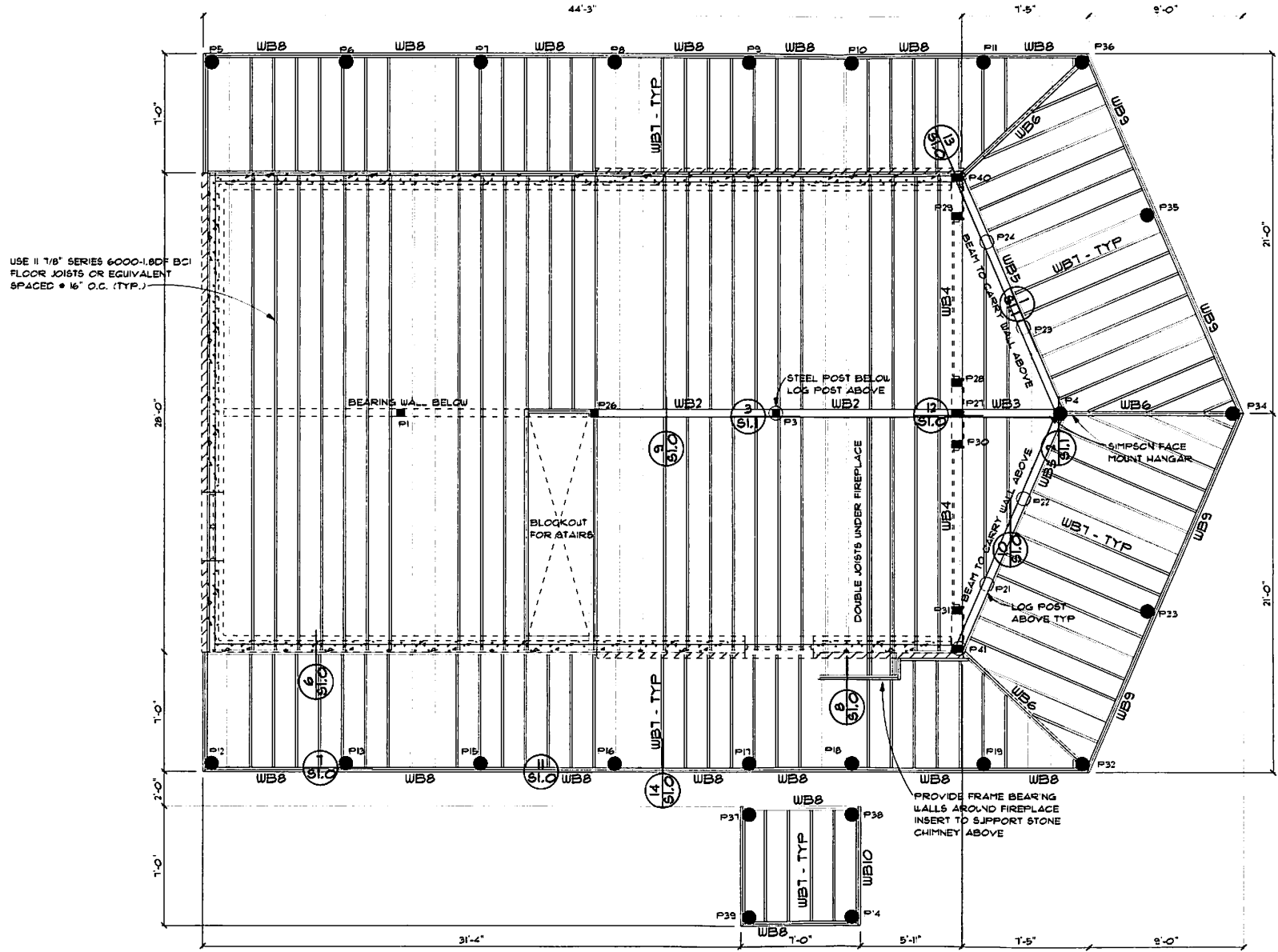
DATE: September 21, 2017  
 DRAWN BY: MIDU  
 SCALE: AS NOTED  
 DRAWING NO: 2017-202

**DESIGN INTELLIGENCE, LLC**

1031 ERIKSSON DR.  
 REXBURG, IDAHO 83440  
 TEL: (208) 355-1461  
 FAX: (208) 355-0140

**RULES RESIDENCE**  
 WEBER COUNTY, UT

**S2**



## MAIN FLOOR FRAMING

1/4" = 1'-0"

- LEGEND**
- STRUCTURAL POST
  - STRUCTURAL LOG POST

- FLOOR FRAMING NOTES:**
1. INSTALL JOISTS PER MANUFACTURER'S RECOMMENDATIONS INCLUDING ALL BRIDGING AND BRACING.
  2. PROVIDE DBL JOISTS UNDER ALL BEARING WALLS THAT RUN PARALLEL TO FLOOR JOISTS.
  3. FRAME AROUND STAIRS USING (2) 1.75x11.875 LVL.
  4. ALL BEARING WALL HEADERS SHALL BE (2) CONTINUOUS LOG COURSES, OR (2) DF 2x10 UNLESS NOTED OTHERWISE.
  5. ALL EXTERIOR WALLS ARE BEARING WALLS
  6. JOIST COUNT SHOULD BE DETERMINED FROM JOIST SPACING NOT FROM DRAWING LAYOUT.
  7. SEE SHEET S2 FOR STRUCTURAL POST SIZES.
  8. SEE SHEET S5 FOR BEAM SCHEDULE.

**RESPONSIBILITY FOR LOG SHRINKAGE**

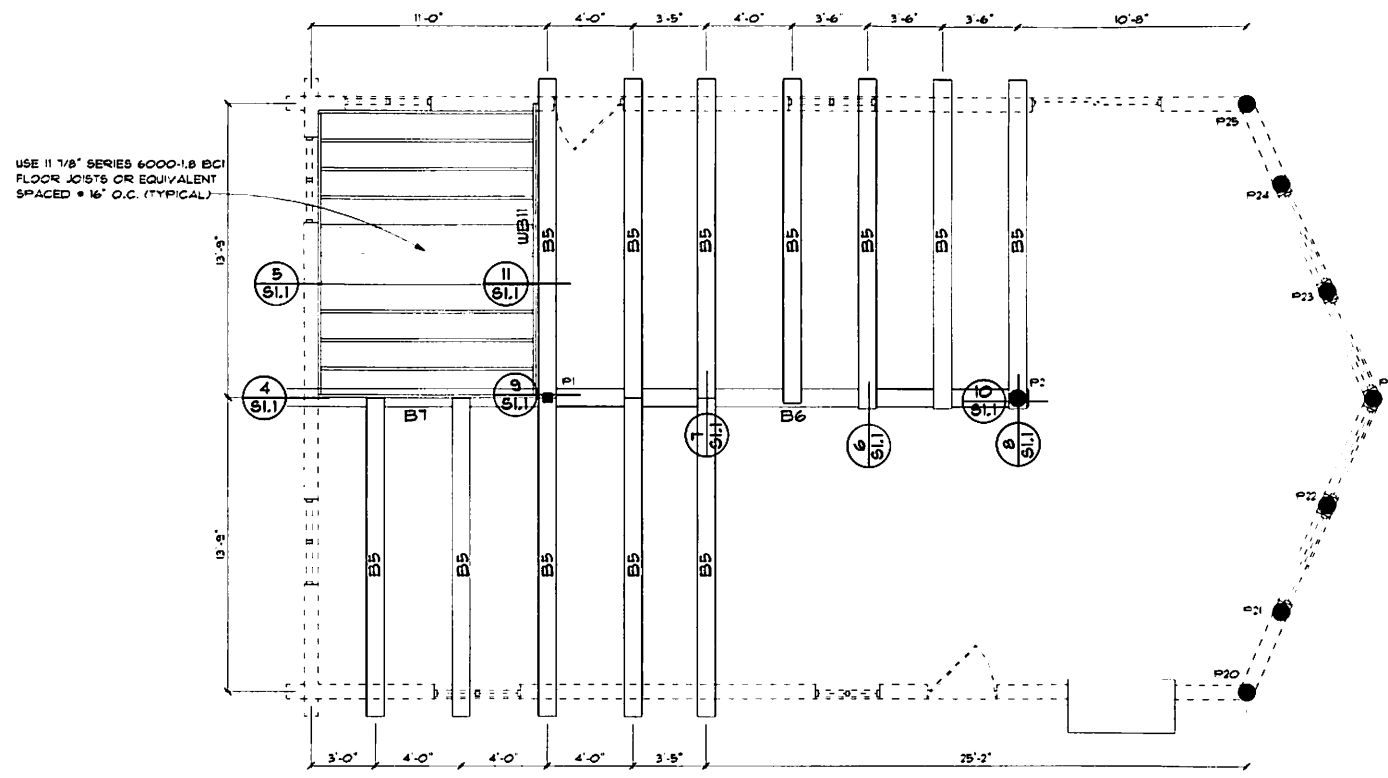
SINCE THE ENGINEER DOES NOT KNOW THE SOURCE OF LOGS TO BE USED IN CONSTRUCTION IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOUNT FOR LOG SHRINKAGE USING ADJUSTABLE SCREW JACKS OR OTHER MEANS ACCEPTED IN THE LOG HOME BUILDING INDUSTRY.

**CONTRACTOR'S RESPONSIBILITY**  
 IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL ASPECTS OF THESE DRAWINGS, ARCHITECTURAL, AND STRUCTURAL PRIOR TO CONSTRUCTION. ANY CONTACTS SHALL BE REPORTED TO THE ENGINEER FOR CORRECTION. CHANGES MAY BE PROPOSED BY THE CONTRACTOR IF HE FEELS THE CHANGE IS IN THE BEST INTEREST OF THE OWNER. CHANGES SHALL BE FORWARDED TO THE ENGINEER IN WRITING FOR APPROVAL PRIOR TO CONSTRUCTION.

DRAWINGS & SPECIFICATIONS, AS INSTRUMENTS OF PROFESSIONAL SERVICE ARE AND SHALL REMAIN PROPERTY OF DESIGN INTELLIGENCE, LLC. THESE DOCUMENTS ARE NOT TO BE USED IN WHOLE OR IN PART FOR ANY PROJECT OR PURPOSE WHATSOEVER WITHOUT THE PRIOR SPECIFIC WRITTEN AUTHORIZATION OF DESIGN INTELLIGENCE, LLC.

<p>DATE: September 21, 2017          REVISIONS:          DRAWING:</p>		<p>SCALE: AS NOTED          DRAWN BY: MDW          2017-202</p>
<p><b>DESIGN INTELLIGENCE, LLC</b>          1031 ERIKSON DR.          REXBURG, IDAHO 83440          TEL: (208) 359-1461          FAX: (208) 359-0740</p>		
<p><b>RULES RESIDENCE</b>          WEBER COUNTY, UT</p>		
<p><b>S3</b></p>		





## SECOND FLOOR FRAMING

1/4" = 1'-0"

- LEGEND**
- STRUCTURAL POST
  - STRUCTURAL LOG POST

### LOG FLOOR FRAMING NOTES:

1. ALL LOG HEADERS SHALL BE (2) CONT. COARSES OF WALL LOG UNLESS NOTED OTHERWISE.
2. COVER LOG JOISTS WITH 2x6 T&G DECKING.
3. SEE SHEET S2 FOR STRUCTURAL POST SIZES.
4. SEE SHEET S5 FOR BEAM SCHEDULE.

### FLOOR FRAMING NOTES:

1. INSTALL JOISTS PER MANUFACTURER'S RECOMMENDATIONS INCLUDING ALL BRIDGING AND BRACING.
2. PROVIDE DBL JOISTS UNDER ALL BEARING WALLS THAT RUN PARALLEL TO FLOOR JOISTS.
3. FRAME AROUND STAIRS USING (2) 1.75x11.875 LVL.
4. ALL BEARING WALL HEADERS SHALL BE (2) LOG COURSES, OR (2) DF 2x10 UNLESS NOTED OTHERWISE.
5. ALL EXTERIOR WALLS ARE BEARING WALLS
6. JOIST COUNT SHOULD BE DETERMINED FROM JOIST SPACING NOT FROM DRAWING LAYOUT.
7. SEE SHEET S2 FOR STRUCTURAL POST SIZES.
8. SEE SHEET S5 FOR BEAM SCHEDULE.

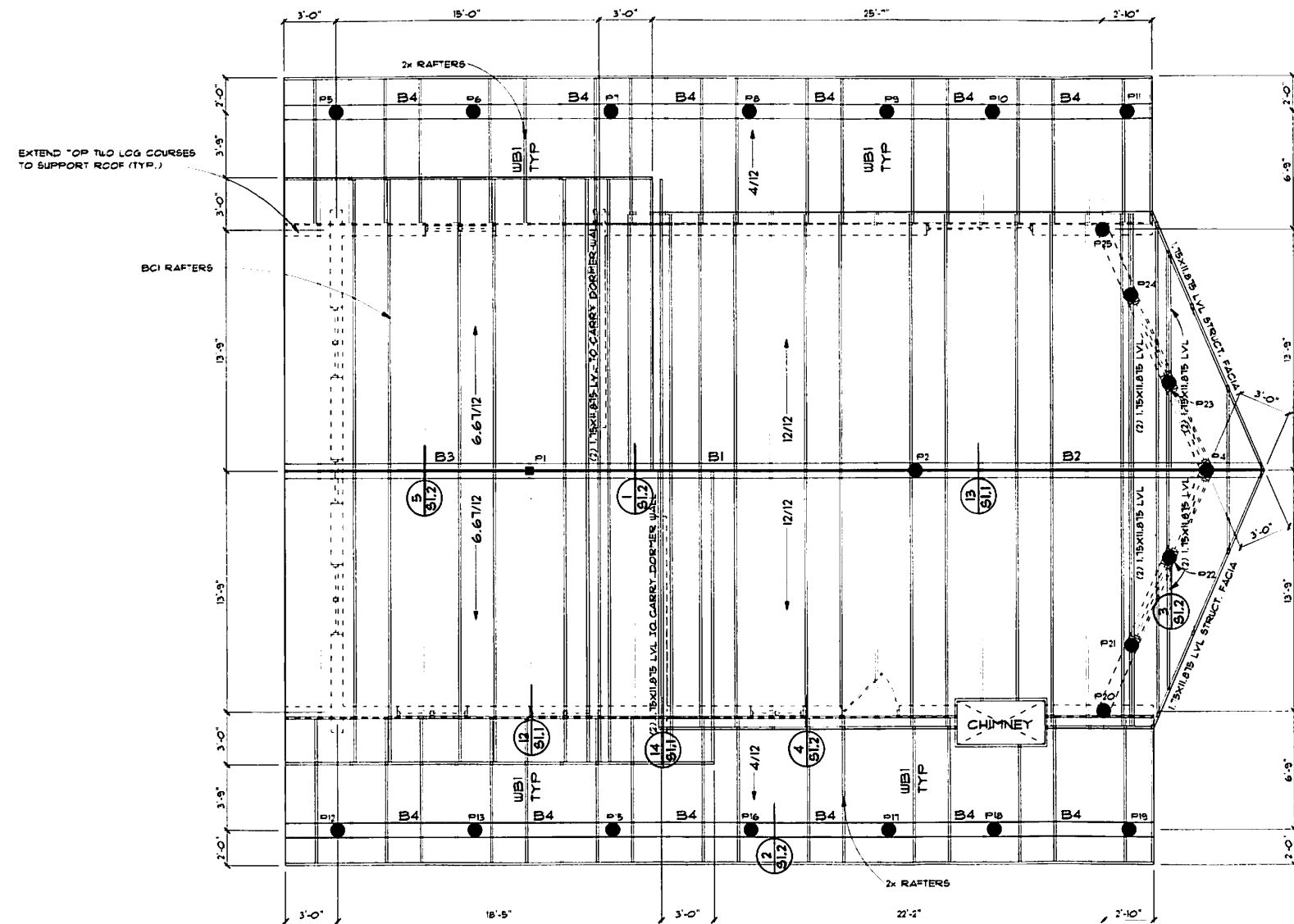
### RESPONSIBILITY FOR LOG SHRINKAGE

SINCE THE ENGINEER DOES NOT KNOW THE SOURCE OF LOGS TO BE USED IN CONSTRUCTION IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOUNT FOR LOG SHRINKAGE USING ADJUSTABLE SCREW JACKS OR OTHER MEANS ACCEPTED IN THE LOG HOME BUILDING INDUSTRY.

**CONTRACTOR'S RESPONSIBILITY**  
 IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL ASPECTS OF THESE DRAWINGS ARCHITECTURAL, AND STRUCTURAL PRIOR TO CONSTRUCTION. ANY COMPLETS SHALL BE REPORTED TO THE ENGINEER FOR CORRECTION. CHANGES MAY BE PROPOSED BY THE CONTRACTOR IF HE FEELS THE CHANGE IS IN THE BEST INTEREST OF THE OWNER. CHANGES SHALL BE FORWARDED TO THE ENGINEER IN WRITING FOR APPROVAL PRIOR TO CONSTRUCTION.

DRAWINGS & SPECIFICATIONS AS INSTRUMENTS OF PROFESSIONAL SERVICE ARE AND SHALL REMAIN PROPERTY OF DESIGN INTELLIGENCE, LLC. THESE DOCUMENTS ARE NOT TO BE USED IN WHOLE OR IN PART FOR ANY PROJECT OR PURPOSE WHATSOEVER WITHOUT THE PRIOR OR SPECIFIC WRITTEN AUTHORIZATION OF DESIGN INTELLIGENCE, LLC.

DATE: September 21, 2017 REVISIONS: DRAWING:		SCALE: AS NOTED DRAWN BY: MIDJU 2017-202
<b>DESIGN INTELLIGENCE, LLC</b> 10371 ERICKSON DR. REXBURG, IDAHO 83440 TEL: (208) 359-1461 FAX: (208) 359-0740		
<b>S4 RULES RESIDENCE</b> WEBER COUNTY, UT		
<b>S4</b>		



# ROOF FRAMING

1/4" = 1'-0"

- LEGEND**
- STRUCTURAL POST
  - STRUCTURAL LOG POST

**HAND FRAMED ROOF NOTES:**

1. INSTALL RAFTERS PER MANUFACTURER'S RECOMMENDATIONS INCLUDING ALL BRIDGING AND BRACING.
2. PROVIDE SIMPSON H2.5 OR EQUAL AT BRG ENDS OF EACH RAFTER.
3. RAFTER COUNT SHOULD BE DETERMINED FROM RAFTER SPACING NOT FROM DRAWING LAYOUT.
4. BEARING WALL HEADERS SHALL BE (2) CONTINUOUS LOG COURSES, OR (2) DF 2x10 UNLESS NOTED OTHERWISE.
5. ALL ROOF OVERHANGS SHALL BE AS NOTED.

**RESPONSIBILITY FOR LOG SHRINKAGE**

SINCE THE ENGINEER DOES NOT KNOW THE SOURCE OF LOGS TO BE USED IN CONSTRUCTION IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOUNT FOR LOG SHRINKAGE USING ADJUSTABLE SCREW JACKS OR OTHER MEANS ACCEPTED IN THE LOG HOME BUILDING INDUSTRY.

DORMER WALLS TO BE BUILT ON TOP OF LVL RAFTERS.

**BEAM SCHEDULE**

- WBI = DF 2x6 @ 24 IN. O.C.
- WB2 = (2) 1.75X11.875 LVL
- WB3 = (2) 1.75X11.875 LVL
- WB4 = (2) 1.75X11.875 LVL
- WB5 = 6.75X12 GLB (24F-V4)
- WB6 = (2) DF 2x8
- WB7 = DF 2x8 @ 16 IN. O.C.
- WB8 = (2) DF 2x8
- WB9 = (2) DF 2x12
- WB10 = (2) DF 2x12
- WB11 = (2) 1.75X11.875 LVL

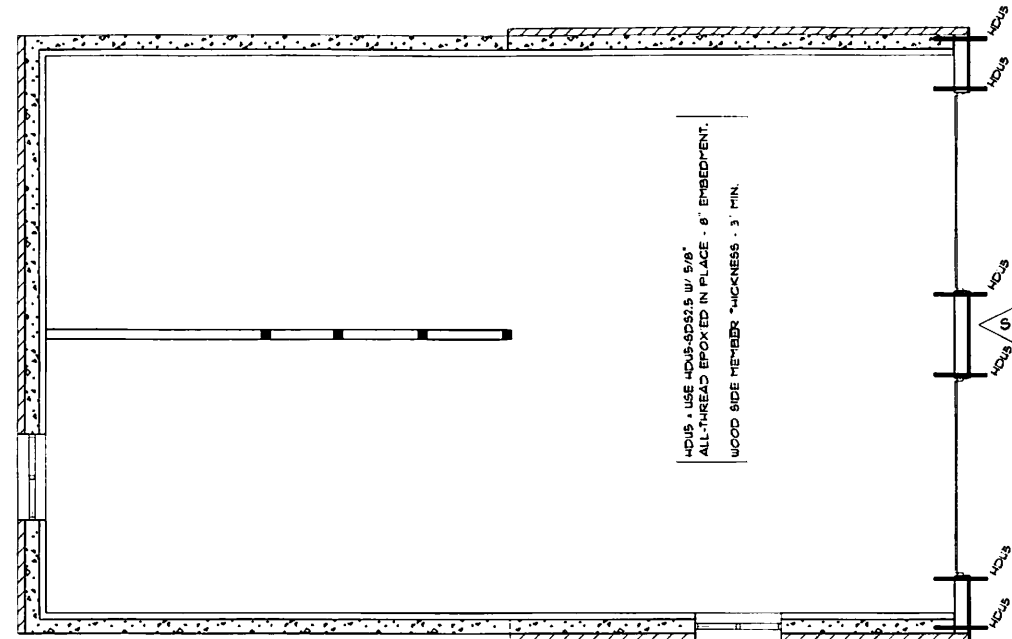
ALL DOUG FIR SHALL BE SELECT STRUCTURAL U.N.O.

BCI RAFTER SHALL BE 11 7/8" BCI 6000-1.8 DF SPACED AT 24" O.C. TYP.

- B1 = 18"R LODGE POLE SELECT
- B2 = 18"R WEST WOOD SELECT
- B3 = 16"R WEST WOOD SELECT
- B4 = 8"R WEST WOOD SELECT
- B5 = 10"R WEST WOOD SELECT
- B6 = 16"R DOUG FIR SELECT
- B7 = 16"R WEST WOOD SELECT

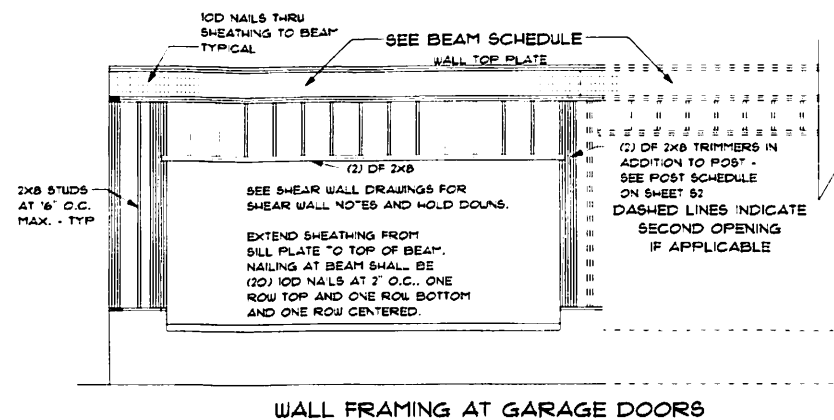
**CONTRACTOR'S RESPONSIBILITY**  
 IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL ASPECTS OF THESE DRAWINGS, ARCHITECTURAL AND STRUCTURAL, PRIOR TO CONSTRUCTION. ANY CONFLICTS SHALL BE REPORTED TO THE ENGINEER FOR CORRECTION. CHANGES MAY BE PROPOSED BY THE CONTRACTOR IF HE FEELS THE CHANGE IS IN THE BEST INTEREST OF THE OWNER. CHANGES SHALL BE FORWARDED TO THE ENGINEER IN WRITING FOR APPROVAL PRIOR TO CONSTRUCTION.

DRAWINGS & SPECIFICATIONS AS INSTRUMENTS OF PROFESSIONAL SERVICE ARE AND SHALL REMAIN PROPERTY OF DESIGN INTELLIGENCE, LLC. THESE DOCUMENTS ARE NOT TO BE REPRODUCED OR IN PART FOR ANY PROJECT OR PURPOSE WHATSOEVER WITHOUT THE PRIOR SPECIFIC WRITTEN AUTHORIZATION OF DESIGN INTELLIGENCE, LLC.



### BASEMENT SHEAR WALLS

1/4" = 1'-0"



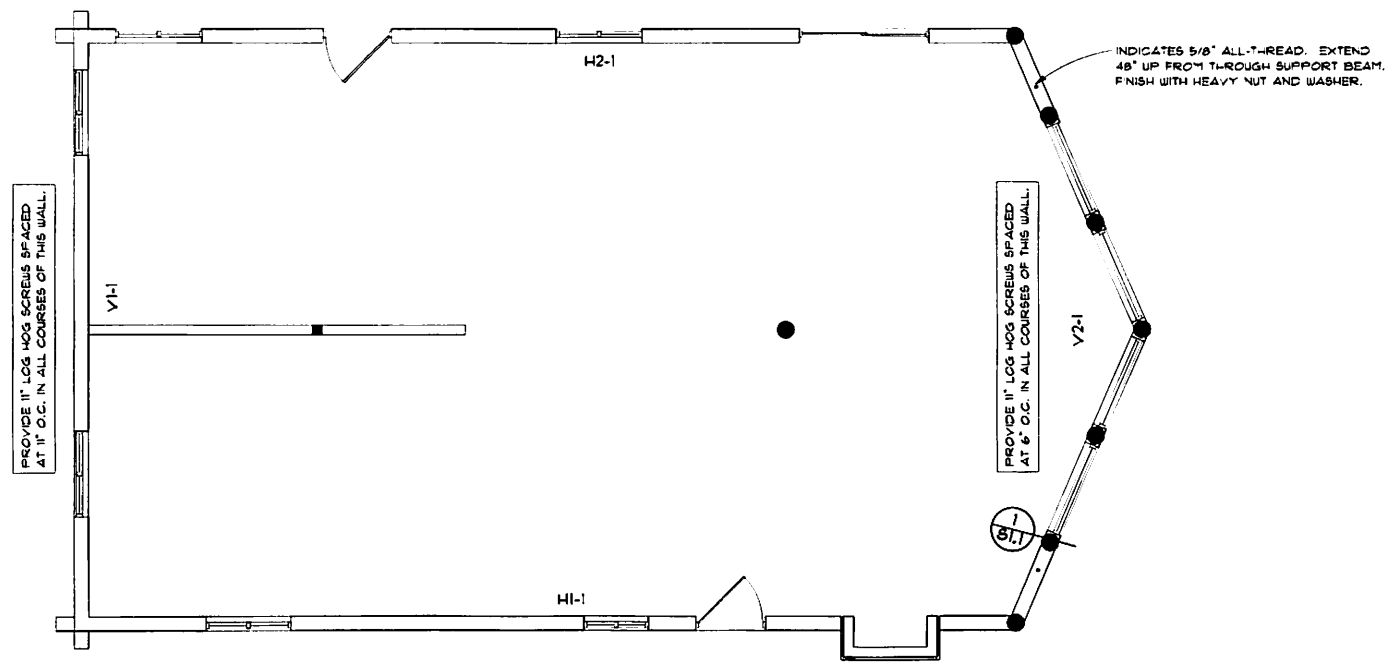
WALL FRAMING AT GARAGE DOORS

NOTE: 1 1/2" 16 GAGE STAPLES MAY BE USED INSTEAD OF 8D NAILS AS FOLLOWS:  
 8D NAILS @ 6" O.C. = 1 1/2" 16 GA. STAPLES AT 4" O.C.  
 8D NAILS @ 4" O.C. = 1 1/2" 16 GA. STAPLES AT 3" O.C.  
 8D NAILS @ 3" O.C. = 1 1/2" 16 GA. STAPLES AT 2" O.C.

ALL HOLD DOWNS ARE SIMPSON BRAND AND SHALL BE INSTALLED PER THE MANUFACTURER'S REQUIREMENTS.  
 ALL EXTERIOR WALLS SHALL BE NAILED PER UNLESS NOTED OTHERWISE.

#### SHEAR WALL NOTES

1. ALL EXTERIOR WALLS ARE DESIGNATED SHEAR WALLS.
2. ALL FRAMED SHEAR WALLS SHALL BE 2x8 @ 16" O.C.
3. PROVIDE 1/16" APA RATED SHEATHING BOTH SIDES OF THE WALL WITH 8D NAILS @ 2" O.C. AT PANEL EDGES AND 12" O.C. IN THE FIELD. 3" NOMINAL BLOCKING IS REQUIRED AT ALL PANEL EDGES INCLUDING THE SILL PLATE. NAILS ON EACH SIDE SHALL BE STAGGERED. (2044 PLF)



### MAIN FLOOR SHEAR WALLS

1/4" = 1'-0"

APPLY SASHCO LOG JAM OR SASHCO LOG BUILDER AS A CAULK TO THE INSIDE AND OUTSIDE FACES OF ALL LOG WALL JOINTS. THICKNESS SHALL BE 1/2 THE WIDTH OF THE BEAD UP TO A MAXIMUM OF 1/2" THICK.  
 ADHESIVE PROPERTIES ARE PART OF THE LATERAL FORCE RESISTING SYSTEM.

PROVIDE 11" LOG HOG SCREWS SPACED AT 36" O.C. IN ALL COURSES OF WALL LOG UNLESS NOTED OTHERWISE.

**CONTRACTOR'S RESPONSIBILITY**  
 IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL ASPECTS OF THESE DRAWINGS, ARCHITECTURAL, AND STRUCTURAL PRIOR TO CONSTRUCTION. ANY CONFLICTS SHALL BE REPORTED TO THE ENGINEER FOR CORRECTION. CHANGES MAY BE PROPOSED BY THE CONTRACTOR IF HE FEELS THE CHANGE IS IN THE BEST INTEREST OF THE OWNER. CHANGES SHALL BE FORWARDED TO THE ENGINEER IN WRITING FOR APPROVAL PRIOR TO CONSTRUCTION.

DRAWINGS & SPECIFICATIONS ARE INSTRUMENTS OF PROFESSIONAL SERVICE AND SHALL REMAIN PROPERTY OF DESIGN INTELLIGENCE, LLC. THESE DOCUMENTS ARE NOT TO BE USED IN WHOLE OR IN PART FOR ANY PROJECT OR PURPOSE WHATSOEVER WITHOUT THE PRIOR SPECIFIC WRITTEN AUTHORIZATION OF DESIGN INTELLIGENCE, LLC.

DATE	Revised 07.10.17	SCALE	AS NOTED	DRAWN BY	MIDU	2017-202	
	DATE		REVISED		DATE		
DESIGN INTELLIGENCE, LLC		DESIGN INTELLIGENCE, LLC		DESIGN INTELLIGENCE, LLC		DESIGN INTELLIGENCE, LLC	
1031 ERIKSSON DR.		1031 ERIKSSON DR.		1031 ERIKSSON DR.		1031 ERIKSSON DR.	
REXBURG, IDAHO 83440		REXBURG, IDAHO 83440		REXBURG, IDAHO 83440		REXBURG, IDAHO 83440	
TEL: (208) 399-1461		TEL: (208) 399-1461		TEL: (208) 399-1461		TEL: (208) 399-1461	
FAX: (208) 399-0740		FAX: (208) 399-0740		FAX: (208) 399-0740		FAX: (208) 399-0740	
WEBER COUNTY, UT		WEBER COUNTY, UT		WEBER COUNTY, UT		WEBER COUNTY, UT	
96		96		96		96	