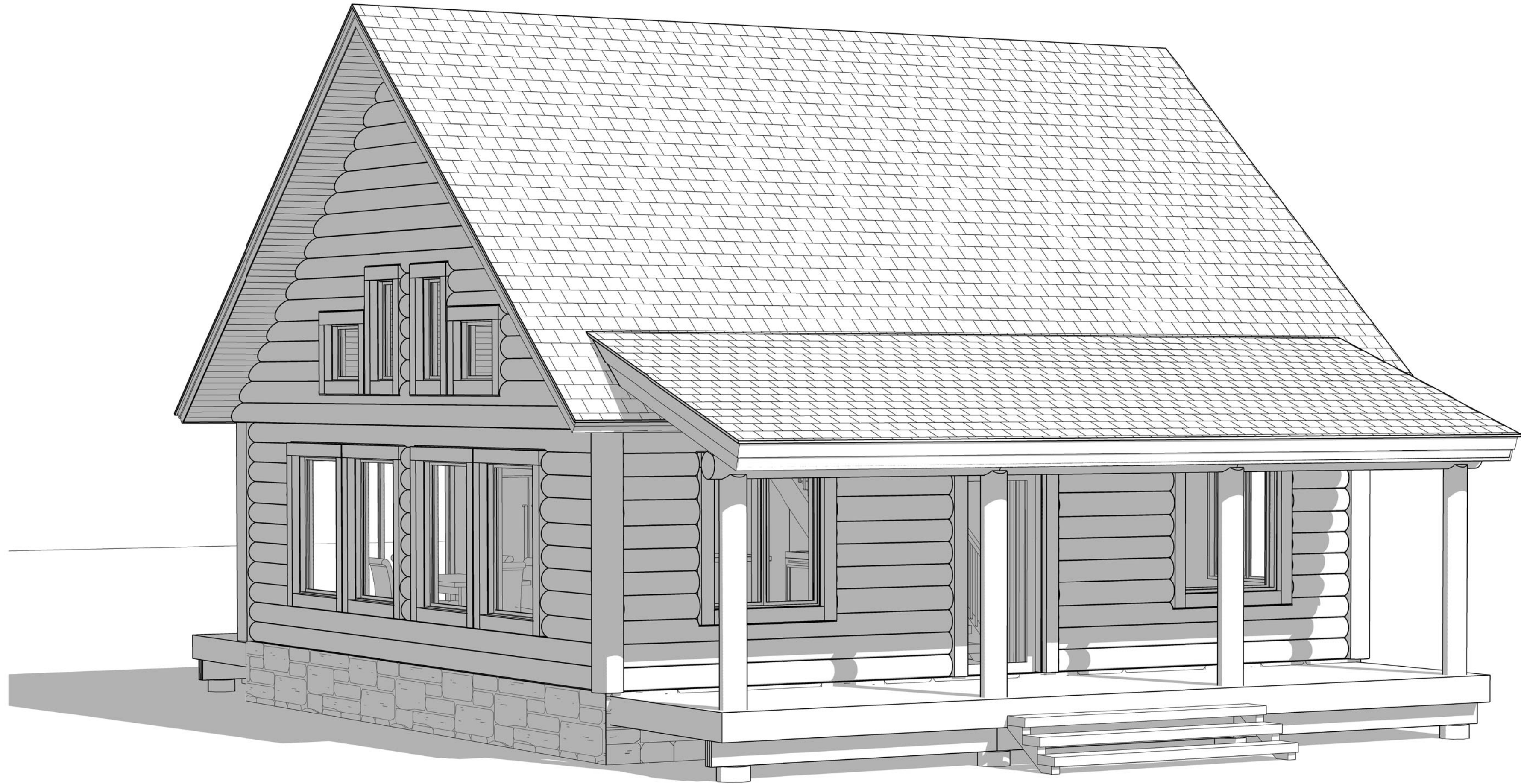


NOT FOR CONSTRUCTION



DESIGN CRITERIA

GOVERNING CODES

2015 INTERNATIONAL BUILDING CODE (IBC)
ASCE/SEI 7-10 MIN DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES

LOADINGS

FLOOR	DEAD LOAD	12 PSF
	LIVE LOAD	40 PSF
ROOF	DEAD LOAD	15 PSF
	LIVE (SNOW) LOAD	
	GROUND LOAD	62 PSF
	FLAT ROOF	52 PSF
	EXPOSURE FACTOR	Ce= 1.0
	THERMAL FACTOR	
	WARM	Ct= 1.1
	COLD	Ct= 1.1
	IMPORTANCE FACTOR	Is= 1.0

WIND DESIGN

ULTIMATE SPEED	90MPH
IMPORTANCE FACTOR	Iw= 1.0
EXPOSURE	C

SEISMIC

SEISMIC DESIGN CATEGORY	C
-------------------------	---

FROST DEPTH

36"

SOIL

GEOTECHNICAL STUDY	NOT AVAILABLE FOR DESIGN
ALLOWABLE BEARING	1,500 PSF
SITE CLASS	D

WCLH DESIGN
CRITERIA
A

ATTENTION:

- SITE PLANS: SITE PLANS SHALL BE PREPARED AND SUBMITTED BY THE OWNER CONTRACTOR AS REQ'D BY THE LOCAL JURISDICTION. ITEMS REQUIRED AND SHOWN MAY INCLUDE BUT ARE NOT LIMITED TO; IDENTIFICATION AND LOCATION OF ALL BUILDINGS, EXISTING AND PROPOSED, LABEL ALL EXISTING AND PROPOSED STREETS, EASEMENTS, FLOOD PLAINS AND ADJACENT PROPERTY LINES (FRONT, REAR, & SIDES,).
- FIRE RESISTIVE CONSTRUCTION: FIRE RESISTIVE CONSTRUCTION AND/OR FIRE SPRINKLER SYSTEMS NOT ADDRESSED ON THESE PLANS AND REQUIRED BY THE LOCAL JURISDICTION AND ADOPTED CODES ARE THE RESPONSIBILITY OF THE OWNER/CONTRACTOR.
- LATERAL DESIGN: BECAUSE OF THE RANDOM AND UNPREDICTABLE NATURE OF WIND AND EARTHQUAKE LOADING EVEN A RELATIVELY COMPLETE ANALYSIS, METHODOLOGY, AND DESIGN CANNOT ENSURE THAT THERE WILL BE NO DAMAGE TO STRUCTURES DURING MAJOR EVENTS. LOCAL ADOPTED CODES ARE BASED ON LIFE SAFETY AND NOT "DAMAGE PROOFING". IT IS EXTREMELY IMPORTANT THAT ATTENTION BE PAID TO THE PLACEMENT OF REINFORCING, HOLDOWN EMBEDS, ETC. IN THE FOUNDATIONS, NAILING OF VERTICAL AND HORIZONTAL SHEATHING (WALLS, FLOORS, AND ROOF) AND TO DETAILING SHOWN ON THE PLANS. PROPER IMPLEMENTATION IS REQUIRED TO ENSURE THE DESIRED DESIGN RESPONSE.
- MODIFICATIONS: STRUCTURAL MODIFICATIONS TO PLANS, FRAMING AND LOADING (DIMENSIONS, MATERIALS, DETAILS, LOCATION AND/ OR SIZE OF OPENINGS IN WALLS, HOT TUB LOADING, ETC.) FROM THAT SHOWN ON THE WCLH PLANS CAN ALTER THE STRUCTURAL PERFORMANCE AND WILL VOID ANY LIABILITY BY WCLH OR AEOR, WITHOUT ADDITIONAL REVIEW AND ANALYSIS AND PRIOR WRITTEN APPROVAL. NEW AND RELOCATED LOADS CAN CAUSE EXCESSIVE DEFLECTION AND EVEN STRUCTURAL FAILURE. INCREASING THE SIZE, NUMBER OR LOCATION OF OPENINGS IN SHEAR WALLS CAN VARY THE LOADING ON SHEAR PANELS BEYOND THEIR LOAD CARRYING CAPACITIES. THE OWNER AND CONTRACTOR SHALL CAREFULLY REVIEW PLANS AND SPECIFICATIONS PRIOR TO INITIATION OF CONSTRUCTION.
- SOILS INVESTIGATION: WHERE REQUIRED BY THE LOCAL SITE CONDITIONS OR JURISDICTION A GEOTECHNICAL INVESTIGATION (SOILS REPORT) SHALL BE PREPARED BY A QUALIFIED PROFESSIONAL AND SUBMITTED TO THE AEOR BY THE OWNER/CONTRACTOR FOR REVIEW AND INCORPORATED INTO THE DESIGN. WHEN EXPANSIVE OR COLLAPSE SENSITIVE SOILS ARE PRESENT SPECIAL PROVISIONS MAY BE REQUIRED IN THE FOUNDATION DESIGN. ADDITIONAL FEES WILL BE WARRANTED.

AREA SCHEDULE

NAME	AREA
MAIN FLOOR	832 SF
LOFT	209 SF
	1041 SF

SHEET LIST - PRELIMINARY PLANS

SHEET#	SHEET NAME
COVER	
A0.0	COVER SHEET
ARCHITECTURAL	
A1.0	MAIN FLOOR PLAN
A1.1	LOFT FLOOR PLAN
A2.0	FRONT & RIGHT ELEVATION
A3.0	SCHEDULES

NOTE: WHISPER CREEK LOG HOMES (WCLH) ARE CONSTRUCTED USING NATURAL WOOD PRODUCTS SUBJECT TO DECAY, MAINTENANCE METHODS AND PROCEDURES SET FORTH BY WCLH DOES NOT WARRANTY COMPONENTS INSTALLED LESS THAN 24 INCHES FROM THE GROUND. ANY MATERIAL OR COMPONENTS NOT SPECIFICALLY LISTED IN CONTRACT WITH WCLH ARE TO BE PROVIDED BY THE OWNER CONTRACTOR.

DEFERRED SUBMITTAL ITEMS BY CONTRACTOR

- TRUSS CALCS BY TRUSS MANUFACTURER

SHEET TITLE:
COVER SHEET

PLAN NO.:

TBD

A0.0



Whisper Creek

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PRELIMINARY PLAN SET

REVISIONS

No.	By:	Date:	

PROJECT NAME:

HOMESTEAD

OWNER:

ADDRESS:

DRAWING TITLE:

COVER SHEET

PROJECT NO.:

DRAWN BY: JCF

CHECKED BY: MANAGER

DATE: 4/16/2018 7:34:38 AM

SHEET NO.:

A0.0

PLAN NO.:

TBD

FLOOR PLAN NOTES

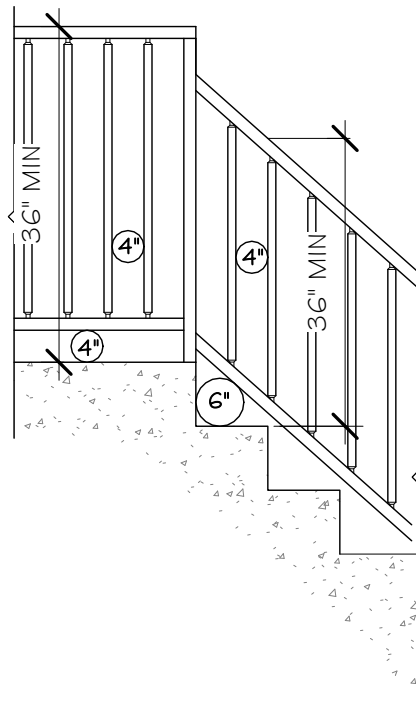
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2. ALL EXTERIOR WALLS ARE DIMENSIONED TO THE FACE OF SHEATHING OR FOUNDATION. ALL INTERIOR WALLS ARE DIMENSIONED TO THE FACE OF STUDS.
3. THERE SHALL BE A FLOOR OR LANDING ON EACH SIDE OF EXTERIOR DOORS. WIDTH NOT LESS THAN THE DOOR SERVED. MIN DIMENSION 36 INCH MEASURED IN THE DIRECTION OF TRAVEL. LANDINGS OR FINISHED FLOORS AT THE REQUIRED EGRESS DOOR SHALL NOT BE MORE THAN 1 1/2' LOWER THAN TOP OF THRESHOLD ON THE EXTERIOR SIDE. IT SHALL NOT BE LOWER THAN 7 3/4' FROM TIP OF THRESHOLD, PROVIDED THE DOOR DOES NOT SWING OVER LANDING OR FLOOR.

ABBREVIATIONS

- O/C INDICATES BUILDING COMPONENT PROVIDED BY OWNER/CONTRACTOR
- WC INDICATES BUILDING COMPONENT PROVIDED BY WHISPER CREEK LOG HOMES
- A/EOR INDICATES ARCHITECT/ENGINEER OF RECORD

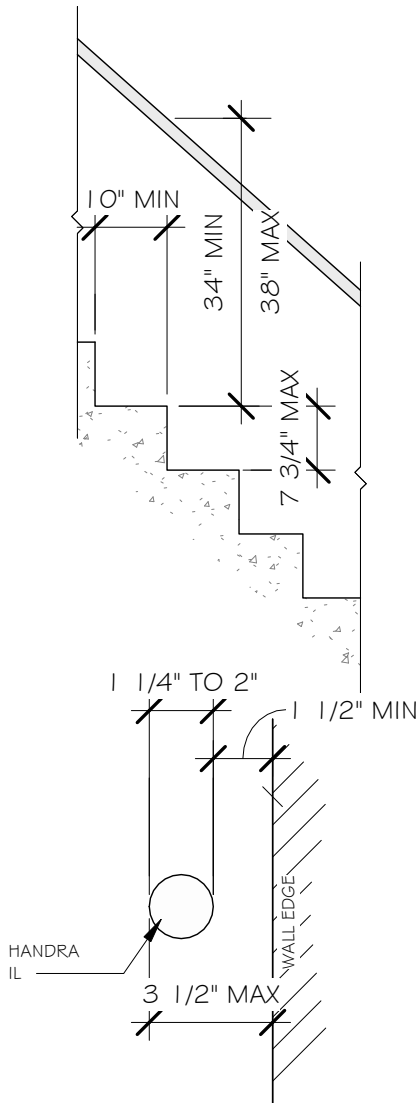
GUARDRAIL NOTES:

1. 36" (MIN) HIGH GUARDRAILS ARE REQUIRED FOR UNENCLOSED FLOOR AND ROOF OPENINGS, OPEN AND GLAZED SIDES OF STAIRWAYS, LANDINGS, DECKS, RAMPS, AND PORCHES, WHICH ARE MORE THAN 30 INCHES ABOVE GRADE OR A FLOOR OR OTHER SURFACE BELOW.
2. OPEN GUARDRAILS SHALL HAVE INTERMEDIATE RAIL SPACING OR PATTERN SUCH THAT A 4-INCH SPHERE CANNOT PASS THROUGH AND THE TRIANGULAR AREA FORMED BY TREAD, RISER AND GUARDRAIL SO THAT 6-INCH SPHERE CANNOT PASS THROUGH



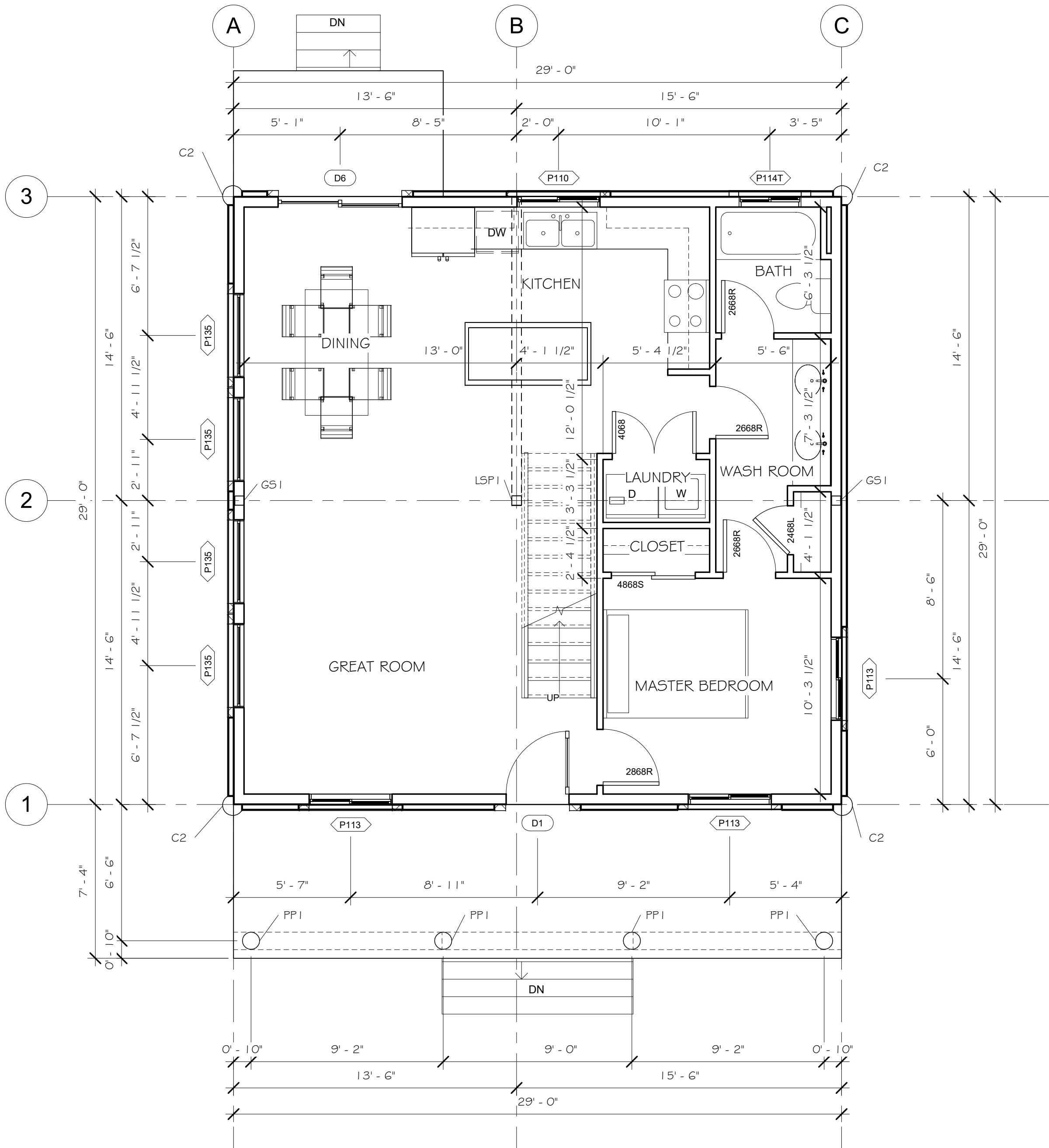
HANDRAIL NOTES:

1. RESIDENTIAL STAIRS REQUIRE HANDRAILS ON A MINIMUM OF ONE SIDE.
2. HANDRAIL SHALL BE CONTINUOUS THE FULL LENGTH OF THE STAIRS WITH ENDS RETURNED TO NEWEL POST OR WALL.
3. THE HANDGRIP PORTION OF THE HANDRAILS SHALL NOT BE LESS THAN 1 1/4" INCHES NOR MORE THAN 2 INCHES IN CROSS-SECTIONAL DIMENSION OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE. THE HANDGRIP PORTION OF THE HANDRAILS SHALL HAVE A SMOOTH SURFACE WITH NO SHARP CORNERS. HANDRAILS PROJECTION FROM A WALL SHALL HAVE A SPACE OF NOT LESS THAN 1 1/2 INCHES BETWEEN THE HANDRAIL AND ANY ABUTTING CONSTRUCTION SO AS TO AVOID INJURY TO FINGERS.



STAIRWAY NOTES:

1. STAIRWAYS SHALL NOT BE LESS THAN 36 INCHES IN WIDTH.
2. THE RISE OF STEPS SHALL NOT BE LESS THAN 4 INCHES OR GREATER THAN 7-3/4 INCHES. THE GREATEST RISER HEIGHT WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8 INCH.
3. THE RUN SHALL NOT BE LESS THAN 11 INCHES AS MEASURED HORIZONTALLY BETWEEN THE VERTICAL PLANES OF THE FURTHER MOST PROJECTION OF ADJACENT TREADS. THE LARGEST TREAD RUN WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY 3/8 INCH.
4. WINDER TREADS SHALL HAVE A MINIMUM OF TREAD DEPTH OF 10" MEASURED AT A POINT 12" FROM THE NARROW SIDE OF THE TREAD, AND HAVE A MINIMUM DEPTH OF 6". WITHIN ANY FLIGHT OF STAIRS THE GREATEST WINDER TREAD DEPTH AT THE 12" WALK LINE SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8".



MAIN FLOOR

1/4" = 1'-0"

SHEET TITLE

MAIN FLOOR PLAN

PLAN NO.:

TBD

SHEET NO.:

A1.0



Whisper Creek
By Rocky Mountain Homes

1883 Highway 93 South
Hamilton, MT 59840
ph. 406.363.5680
fx. 406.363.6537
wchdesign@mlh.com

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PRELIMINARY
PLAN SET

REVISIONS

No.	By:	Date:	

PROJECT NAME:

HOMESTEAD

OWNER:

ADDRESS:

DRAWING TITLE:

MAIN FLOOR PLAN

PROJECT NO.:

DRAWN BY: JCF

CHECKED BY: MANAGER

DATE: 4/16/2018 7:34:39 AM

SHEET NO.:

A1.0

PLAN NO.:

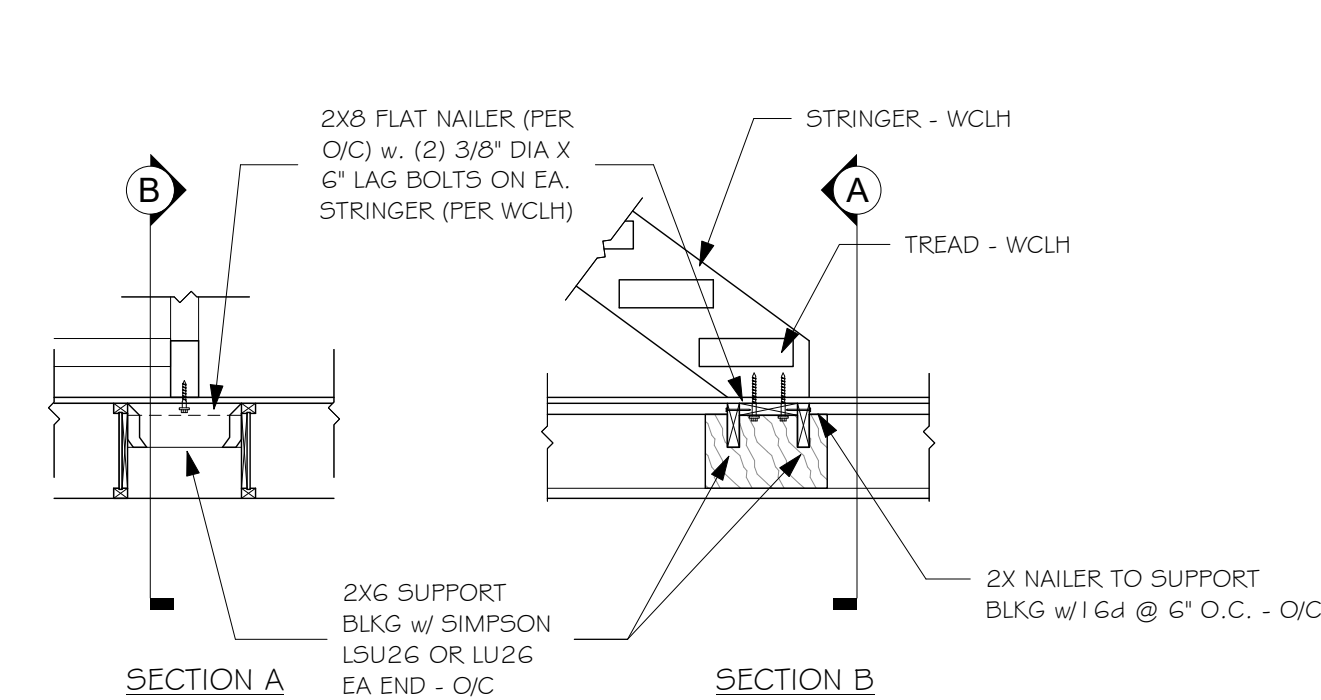
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FLOOR PLAN NOTES

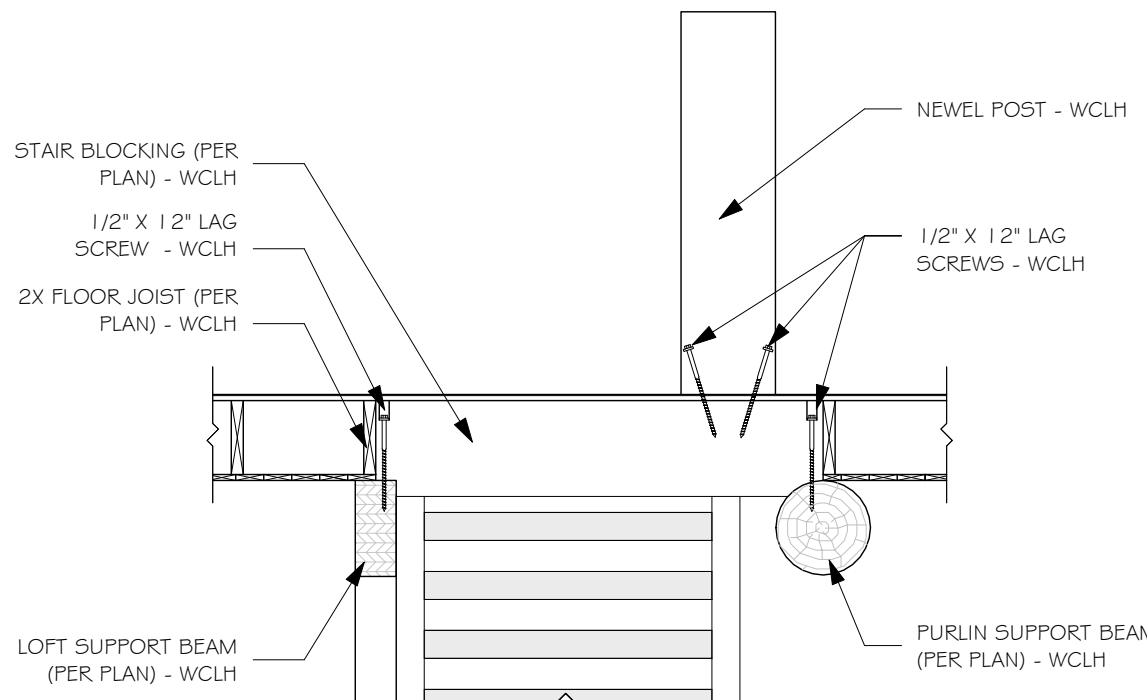
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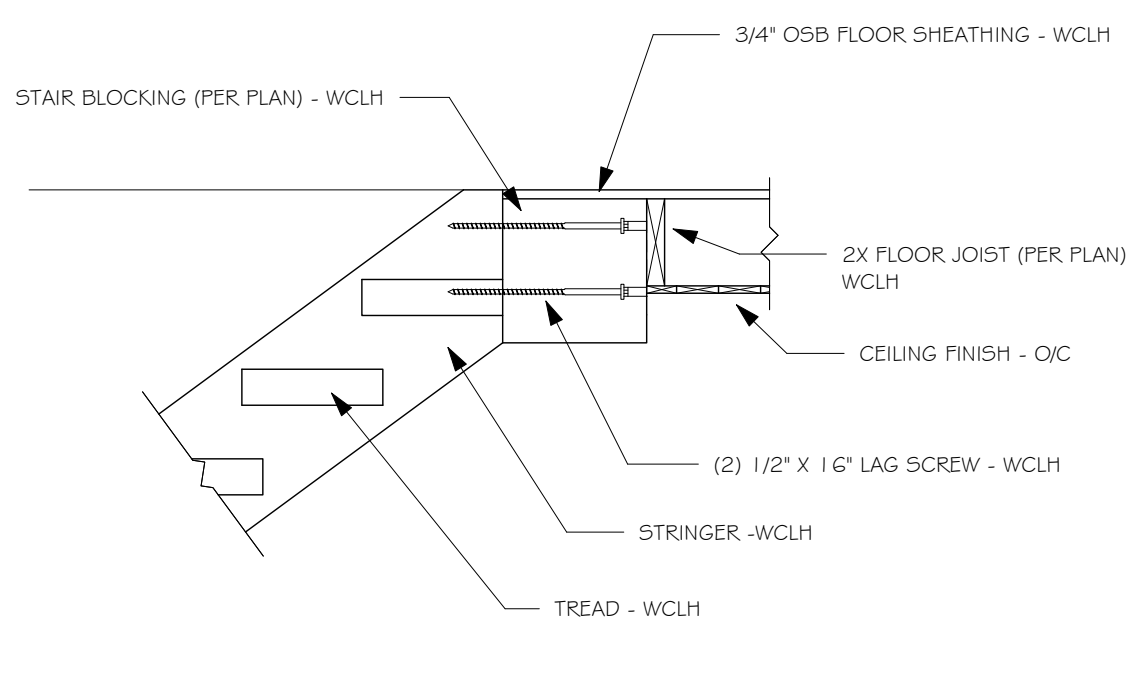
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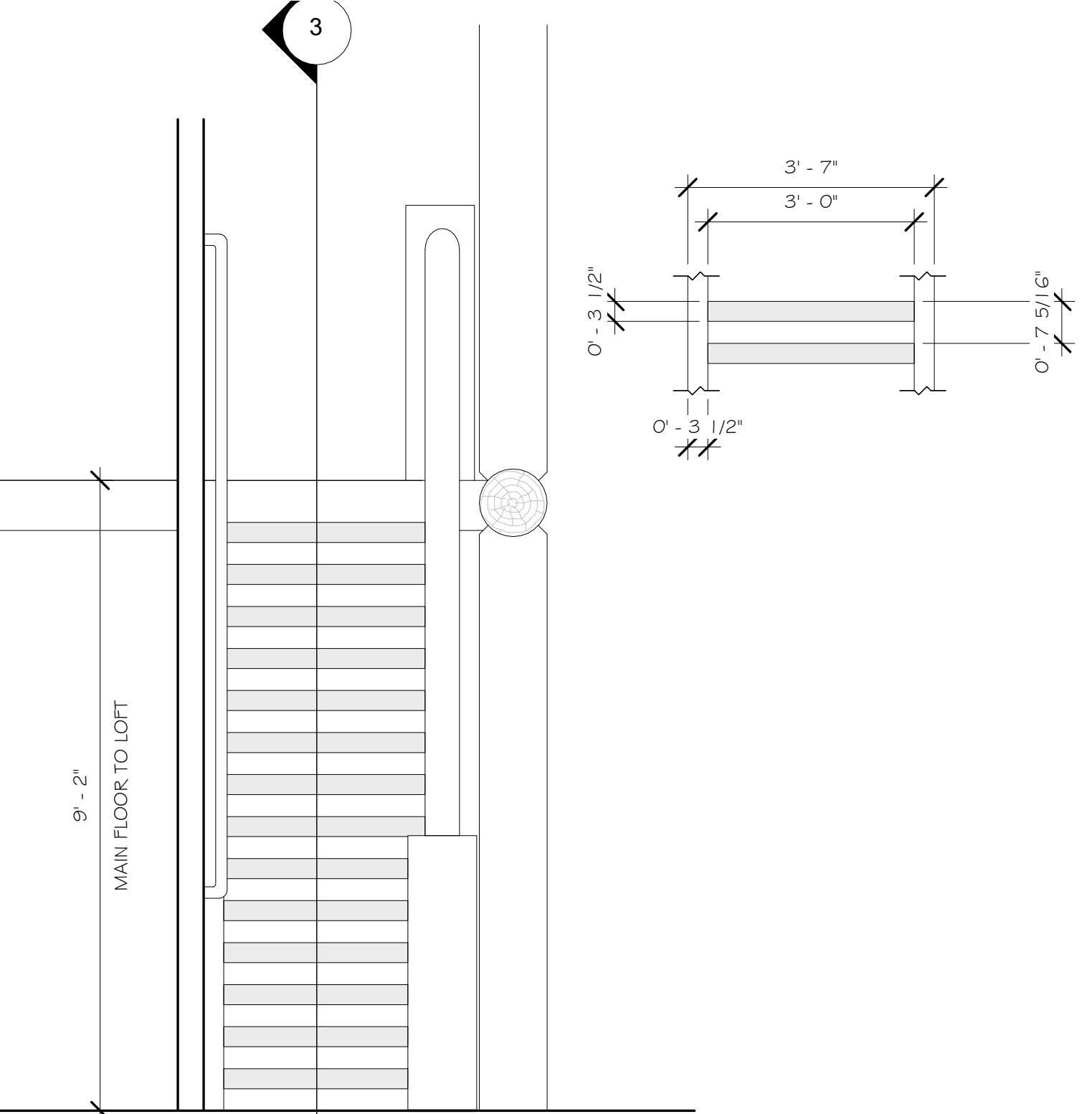
A STAIR BASE CONNECTION
1/2" = 1'-0"



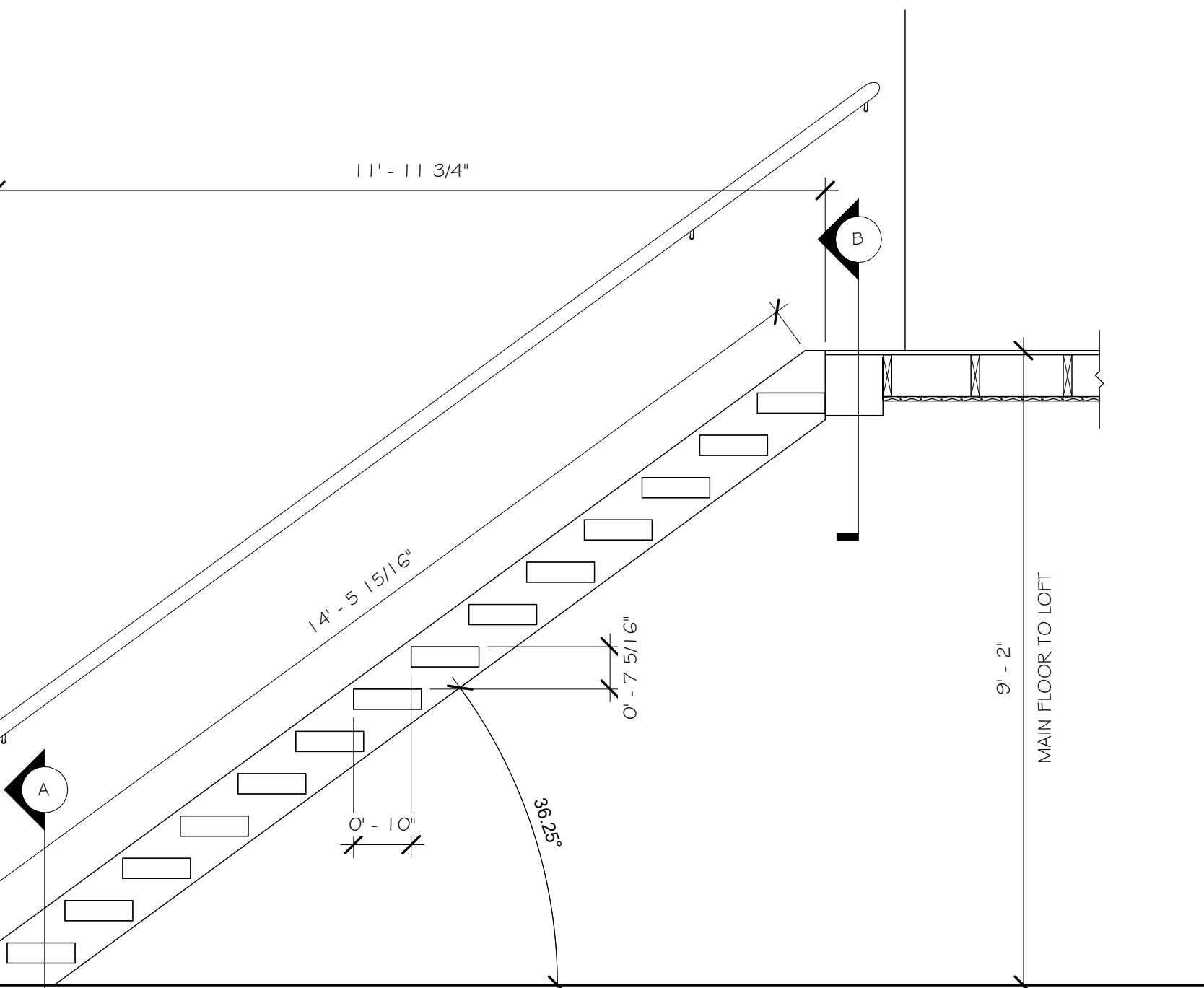
B STAIR BLOCKING/ NEWEL POST
1/2" = 1'-0"



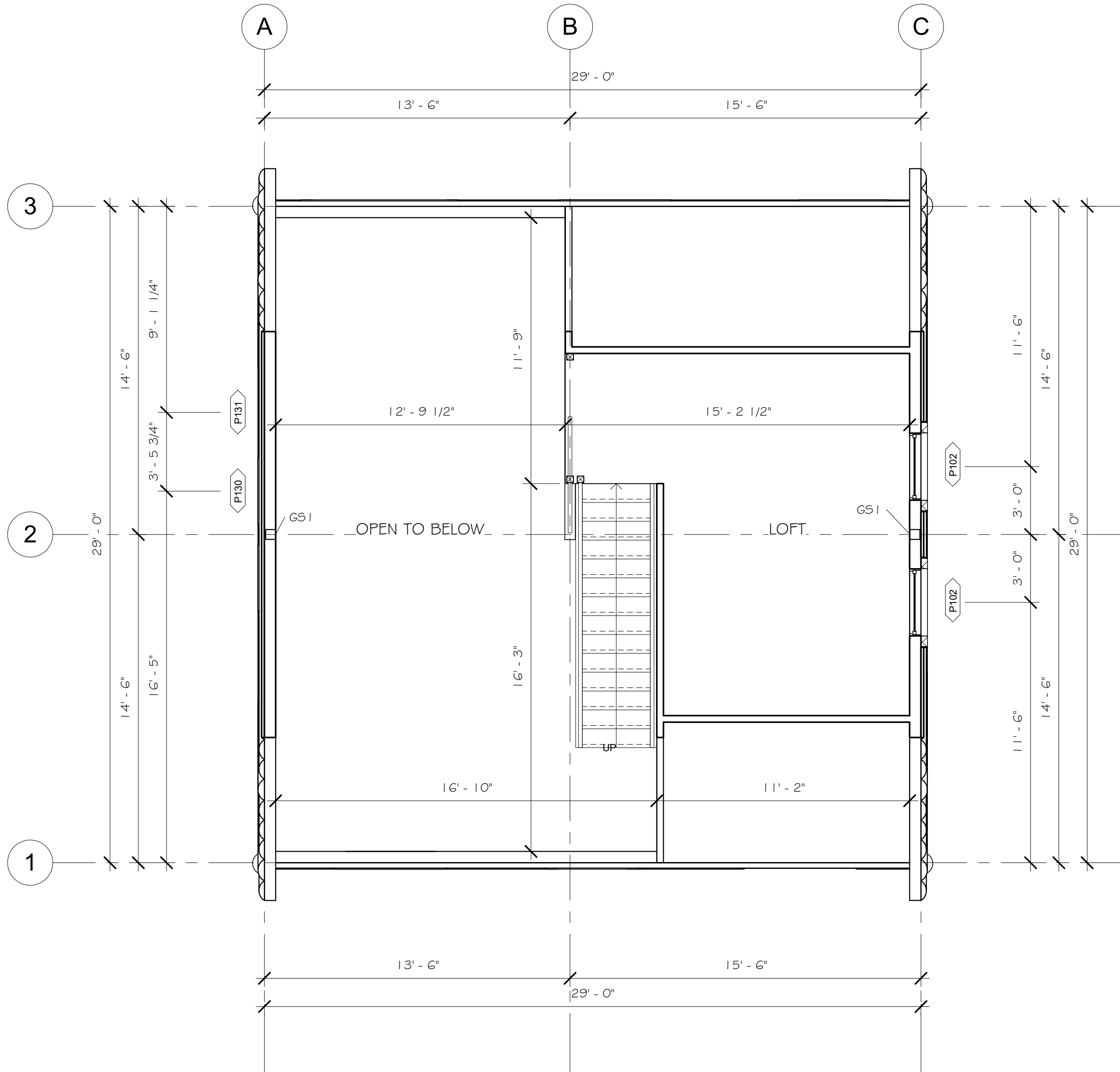
C STAIR BLOCKING
3/4" = 1'-0"



2 STAIR ELEVATION/ WC MODEL
1/2" = 1'-0"



3 STAIR SECTION/ WC MODEL
1/2" = 1'-0"



LOFT

1/4" = 1'-0"

LOFT FLOOR PLAN

PLAN NO.:
SHEET NO.:
A1.1

TBD



1883 Highway 93 South
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PRELIMINARY
PLAN SET

REVISIONS			
No.	By:	Date:	

PROJECT NAME:
HOMESTEAD

OWNER:

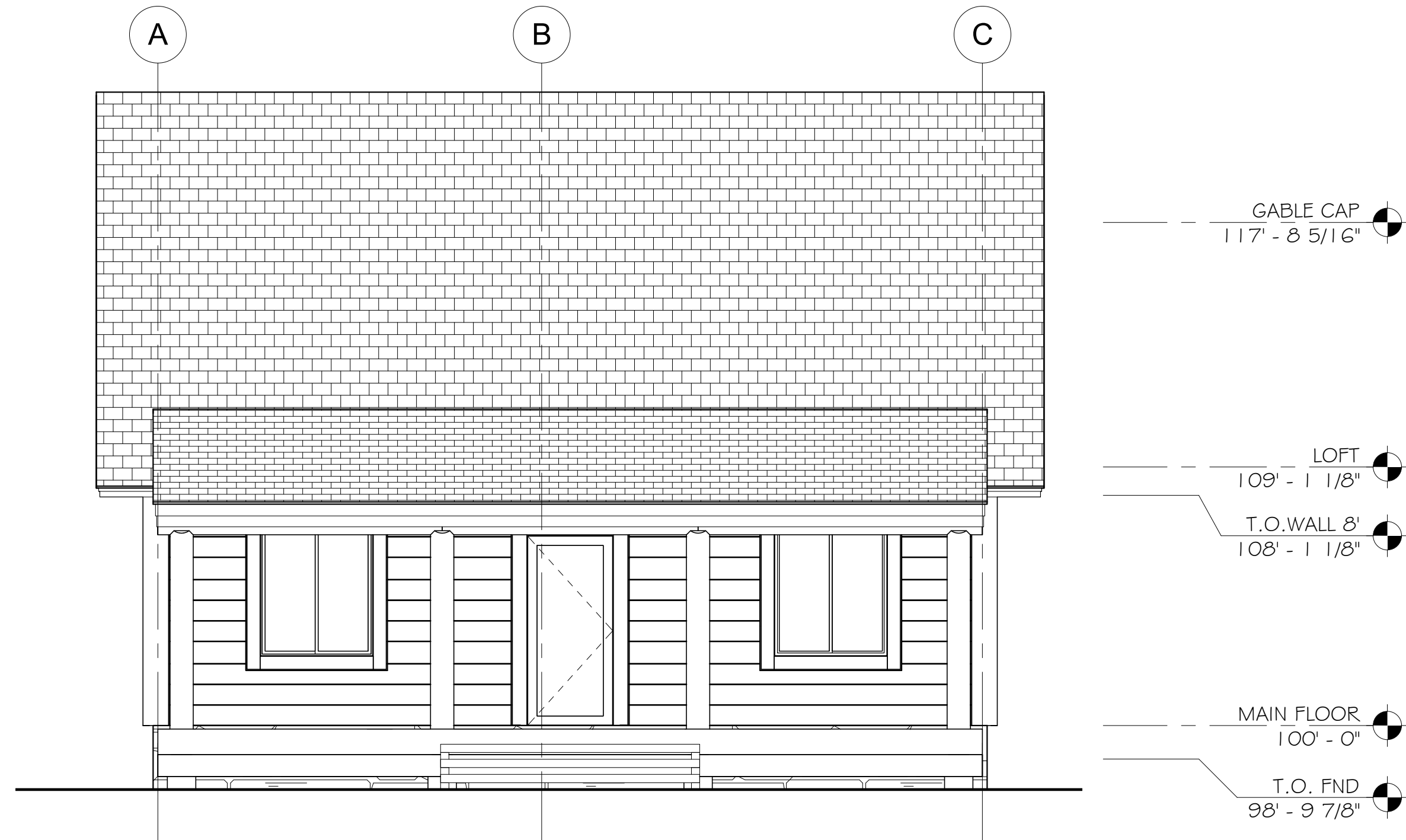
ADDRESS:

DRAWING TITLE:
LOFT FLOOR PLAN

PROJECT NO.:	
DRAWN BY:	JCF
	CHECKED BY: MANAGER
	DATE: 4/16/2018 7:34:40 AM
	SHEET NO.: A1.1

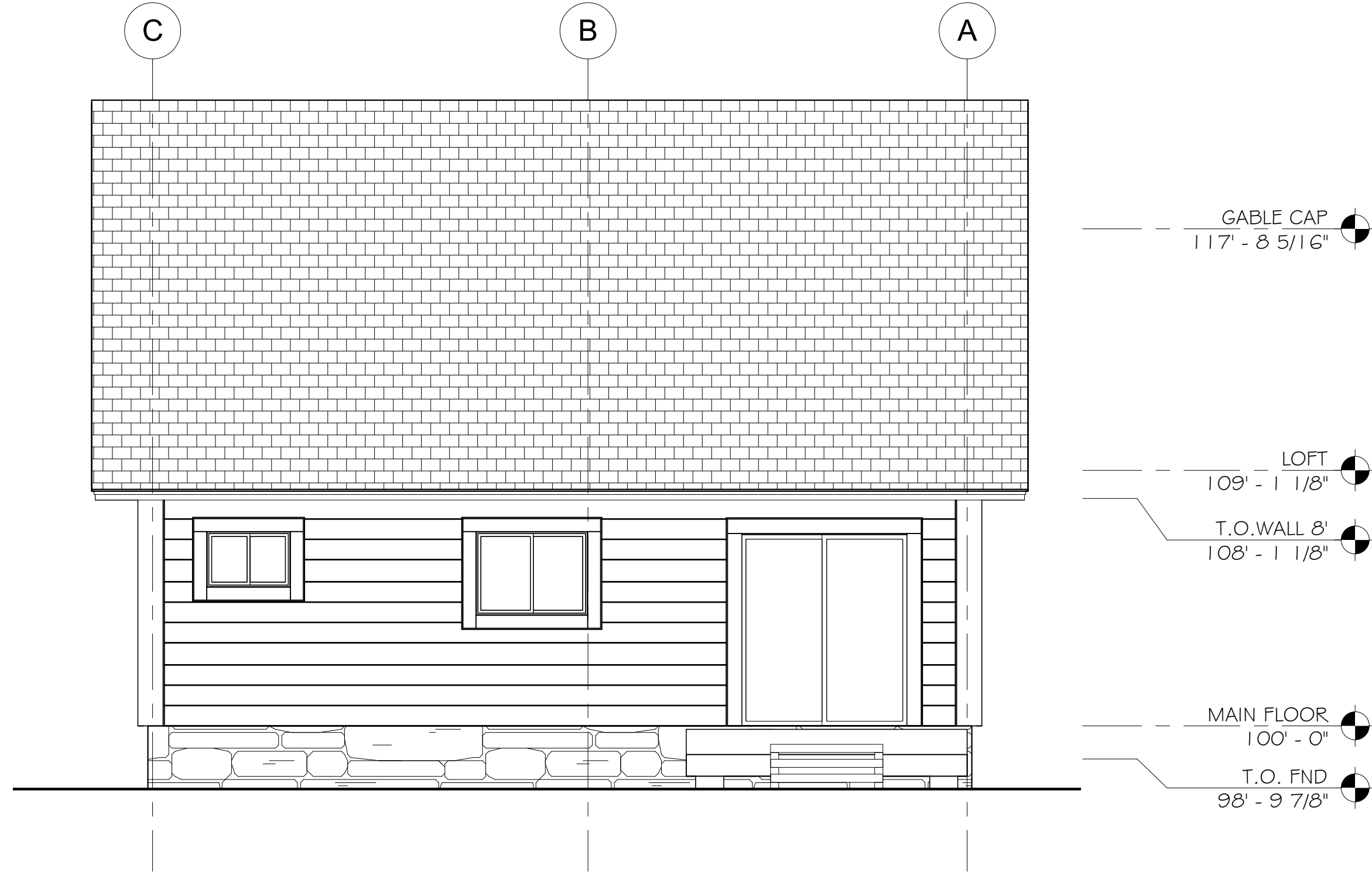
PLAN NO.:
TBD

NOT FOR CONSTRUCTION



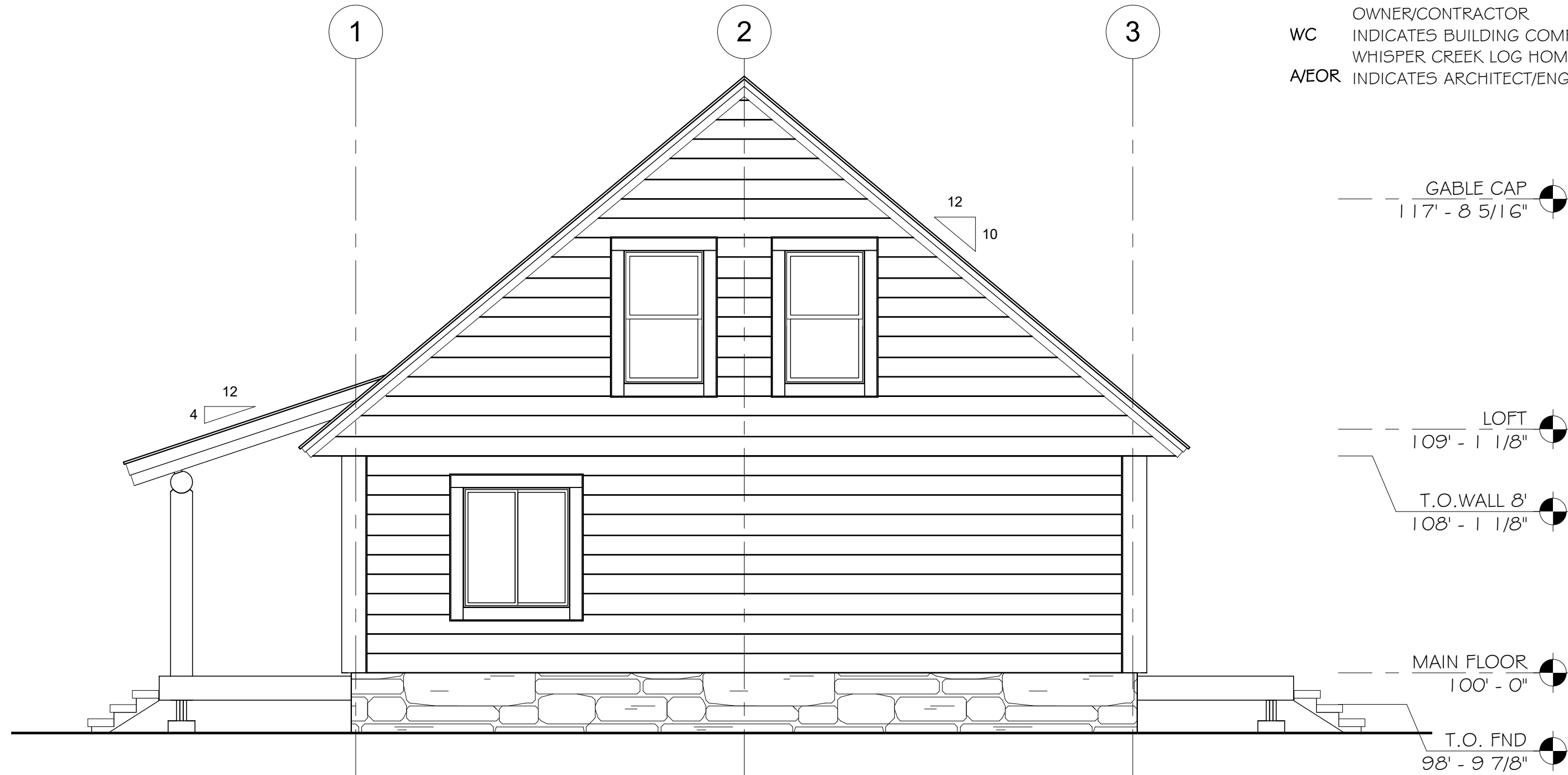
FRONT ELEVATION

1/4" = 1'-0"



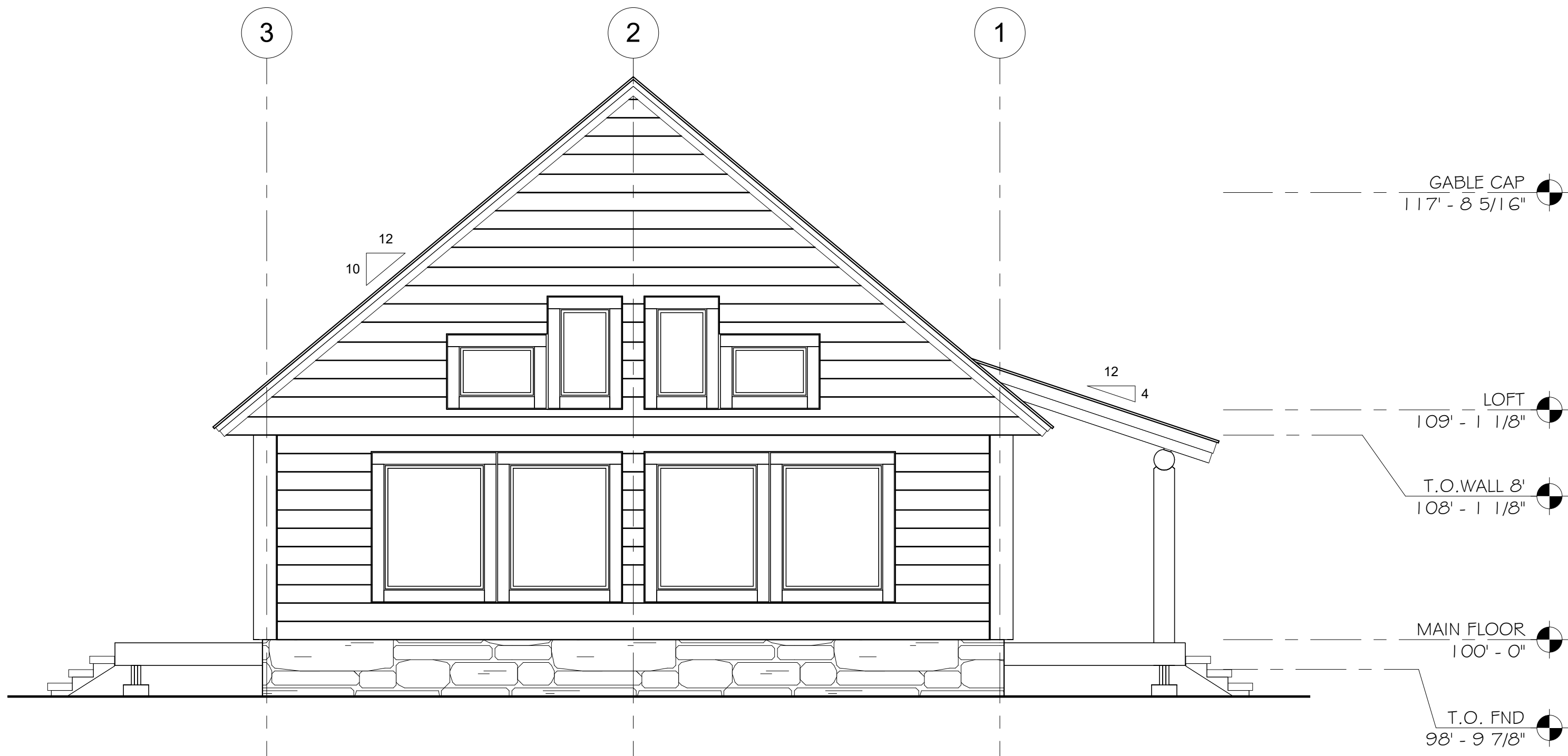
BACK ELEVATION

1/4" = 1'-0"



RIGHT ELEVATION

1/4" = 1'-0"



LEFT ELEVATION

1/4" = 1'-0"

ELEVATION NOTES

1. CONTRACTOR WILL VERIFY ANY AND ALL STEPS IN FOOTINGS & FOUNDATION AS REQUIRED BY EXISTING FINISH GRADES.
2. MODIFICATIONS TO THE STRUCTURE MUST BE APPROVED BY THE A/EOR IN WRITING PRIOR TO MAKING ANY CHANGES. GRADES INDICATED ARE APPROXIMATE AND MAY BE MODIFIED SUBJECT TO FINAL SITE CONDITIONS. DRAINAGE AWAY FROM THE STRUCTURE MUST BE MAINTAINED.
3. LOTS SHALL BE GRADED TO DRAW SURFACE WATER AWAY FROM FOUNDATION WALLS. THE GRADE SHALL FALL A MINIMUM OF 6 INCHES WITHIN THE FIRST 10 FEET.
4. CONTRACTOR TO INSTALL SNOW STOPS ON ROOF.

ABBREVIATIONS

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PRELIMINARY PLAN SET

REVISIONS			
No.	By:	Date:	

PROJECT NAME:
HOMESTEAD

OWNER:

ADDRESS:

DRAWING TITLE:
**FRONT & RIGHT
ELEVATION**

PROJECT NO.:	
DRAWN BY:	JCF
CHECKED BY:	MANAGER
DATE:	4/16/2018 7:34:41 AM
SHEET NO.:	A2.0

PLAN NO.:

TBD

FILE PATH:

F:\Consulting\Work\Rocky Mountain Homes\WCH\Hillsdale\Hillside\Homestead\LOH\Rev\Main.dwg

4/16/2018 7:34:41 AM