

NOT FOR CONSTRUCTION

SHEET TITLE: COVER SHEET
PLAN NO: TDB
SHEET NO: A0.0

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THESE DESIGNS AND DETAILS ARE BASED ON MANY YEARS OF CONSTRUCTION, DESIGN, AND ENGINEERING PRACTICE IN NUMEROUS DIVERSE JURISDICTIONS. THE PURPOSE IS TO PROVIDE A BASIS FOR THE DESIGNS INCORPORATED IN WHISPER CREEK LOG HOMES (WCLH). HOWEVER, IT IS THE RESPONSIBILITY OF THE OWNER TO CONSULT WITH ARCHITECT OR ENGINEER OF RECORD (E.O.R.) TO REVIEW AND VERIFY ANY AND ALL OF THE ASSUMPTIONS MADE AND DESIGNS PRESENTED. WCLH MAKES NO WARRANTY OR GUARANTEE AS TO THE FINAL SITE SPECIFIC APPLICABILITY OF THE DESIGN. ANY AND ALL PROPOSED CHANGES BY THE E.O.R. SHALL BE COORDINATED WITH WCLH. ALL CHANGES MUST BE APPROVED IN WRITING BY WCLH. IF APPROVED, ALL CHANGES WILL RESULT IN ADDITIONAL COSTS AND MAY REQUIRE MODIFICATIONS TO THE PLANS AND WALLS.

PRELIMINARY PLAN SET

| No. | By | Date |
|-----|----|------|
| | | |

PROJECT NAME: HOMESTEAD LOFTED CUSTOM

OWNER:

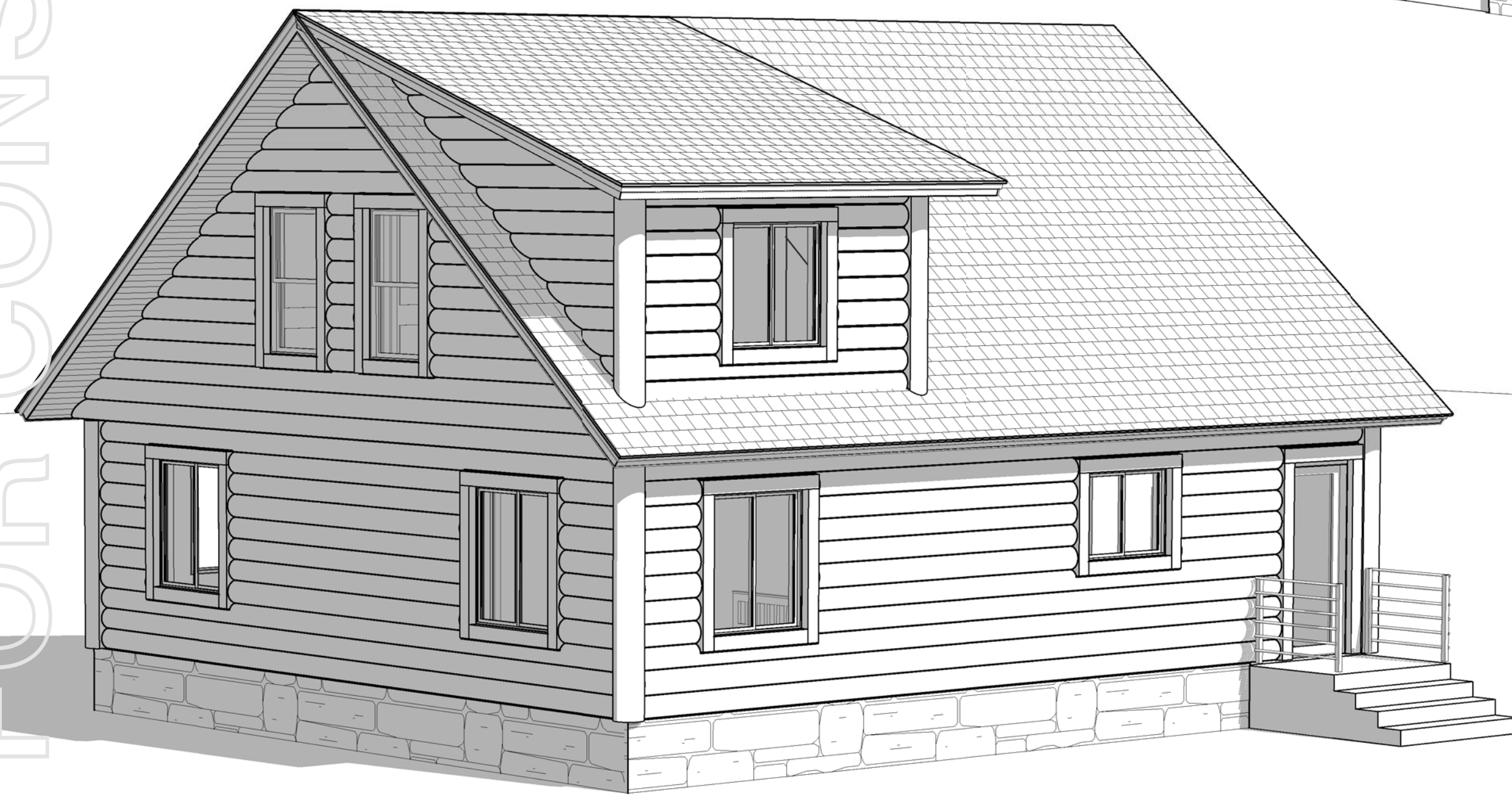
ADDRESS:

DRAWING TITLE: COVER SHEET

PROJECT NO.:

DRAWN BY: JCF
 CHECKED BY: MANAGER
 DATE: 10/17/2016 10:40:54 AM
 SHEET NO.: A0.0

PLAN NO: TDB



DESIGN CRITERIA

GOVERNING CODES
 2012 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 | 100 PSF |
| | FLAT ROOF | 90 PSF |
| | EXPOSURE FACTOR | Ce = 1.0 |
| | THERMAL FACTOR | Ct = 1.1 |
| | IMPORTANCE FACTOR | Is = 1.0 |

WCLH DESIGN CRITERIA: C

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 |

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 A/EOR, 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 A/EOR 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.

SHEET LIST - PRELIMINARY PLANS

| SHEET# | SHEET NAME |
|--------|---------------------|
| A0.0 | COVER SHEET |
| A1.0 | MAIN FLOOR PLAN |
| A2.0 | ELEVATIONS |
| A3.0 | SCHEDULES |
| A4.0 | COMPONENT ISOMETRIC |

AREA SCHEDULE

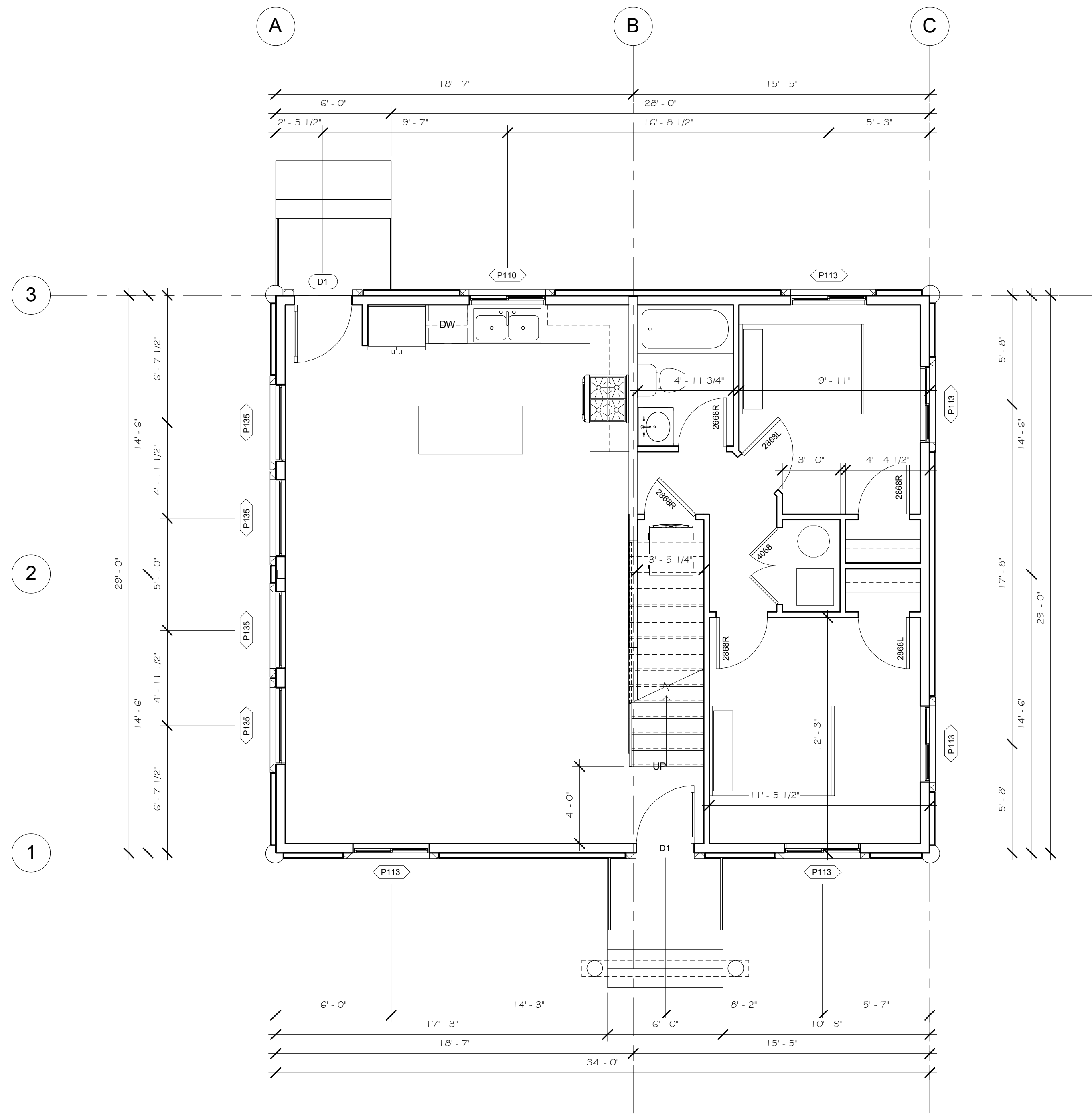
| NAME | AREA |
|------------|---------|
| MAIN FLOOR | 986 SF |
| LOFT | 328 SF |
| TOTAL | 1314 SF |

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.

0 - 4 3/16"

NOT FOR CONSTRUCTION



MAIN FLOOR

1/4" = 1'-0"

FLOOR PLAN NOTES

- 1. CONTRACTOR WILL VERIFY ALL DIMENSIONS & CONDITIONS SHOWN ON THESE PLANS AND W/ BUILDING SITE PRIOR TO COMMENCING ANY WORK ON PROJECT.
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.

ABBREVIATIONS

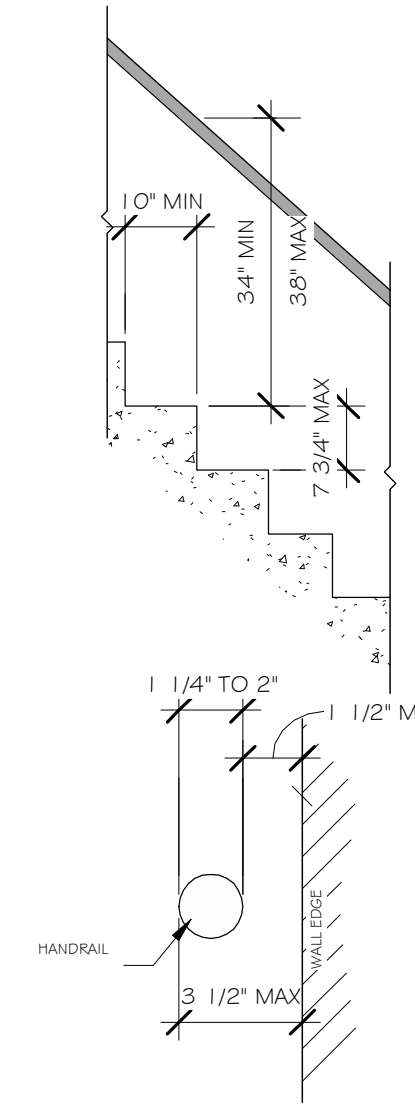
- O/C INDICATES BUILDING COMPONENT PROVIDED BY OWNER/CONTRACTOR
WC INDICATES BUILDING COMPONENT PROVIDED BY WHISPER CREEK LOG HOMES
A/EOR INDICATES ARCHITECT/ENGINEER OF RECORD

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".

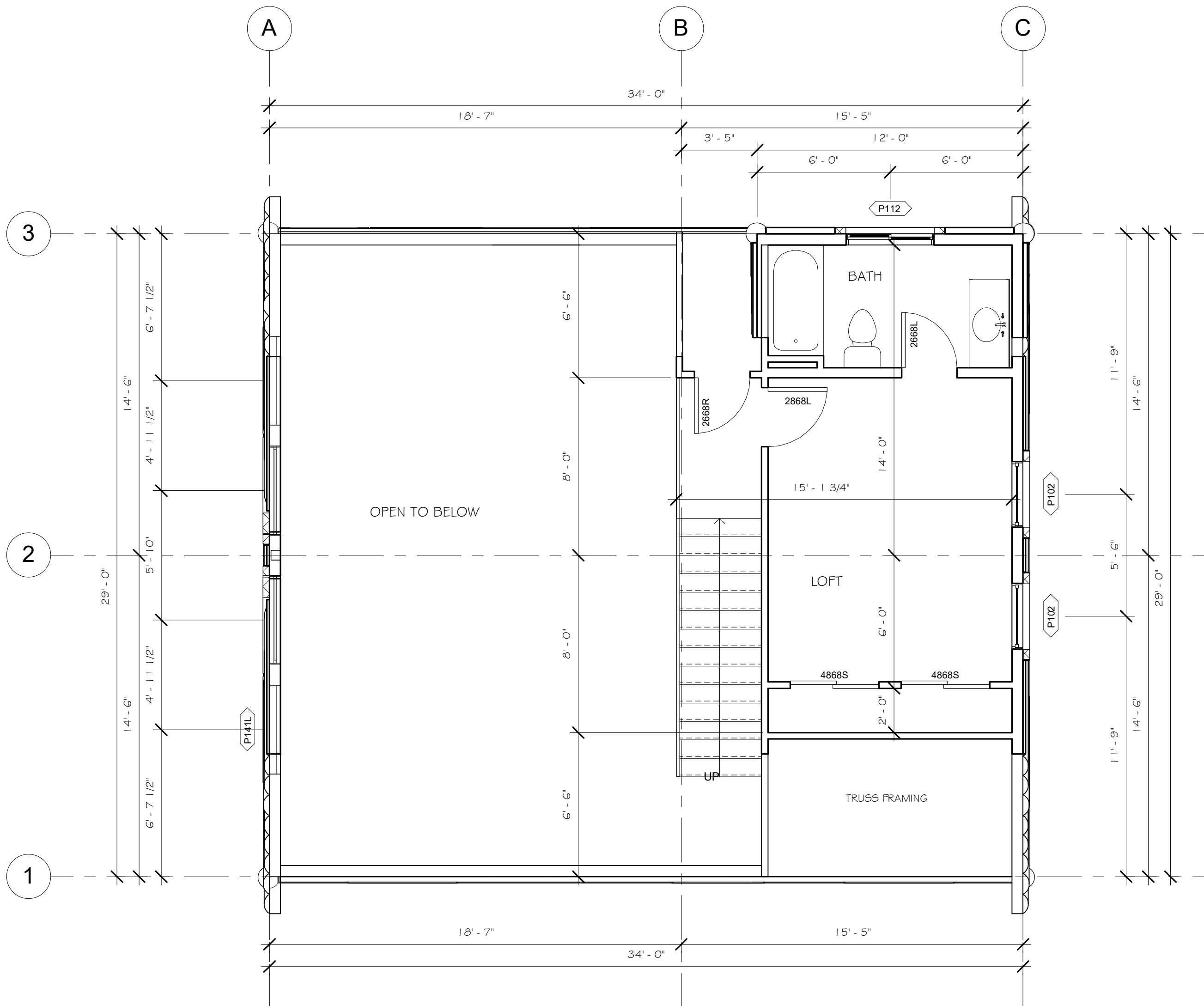
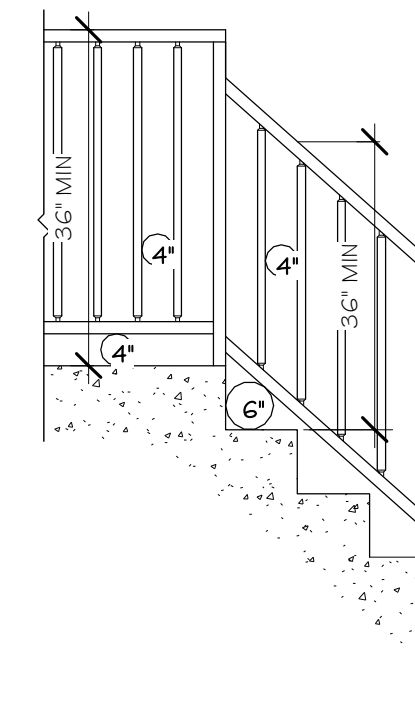
HANDRAIL NOTES:

- 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.



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.



LOFT

1/4" = 1'-0"

MAIN FLOOR PLAN
SHEET NO. A1.0
TDB

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PRELIMINARY PLAN SET

Table with columns: No, By, Date. Header: REVISIONS.

PROJECT NAME: HOMESTEAD LOFTED CUSTOM

OWNER:

ADDRESS:

DRAWING TITLE: MAIN FLOOR PLAN

PROJECT NO., DRAWN BY: JCF, CHECKED BY: MANAGER, DATE: 10/17/2016 10:40:55 AM, SHEET NO.: A1.0, TDB

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.

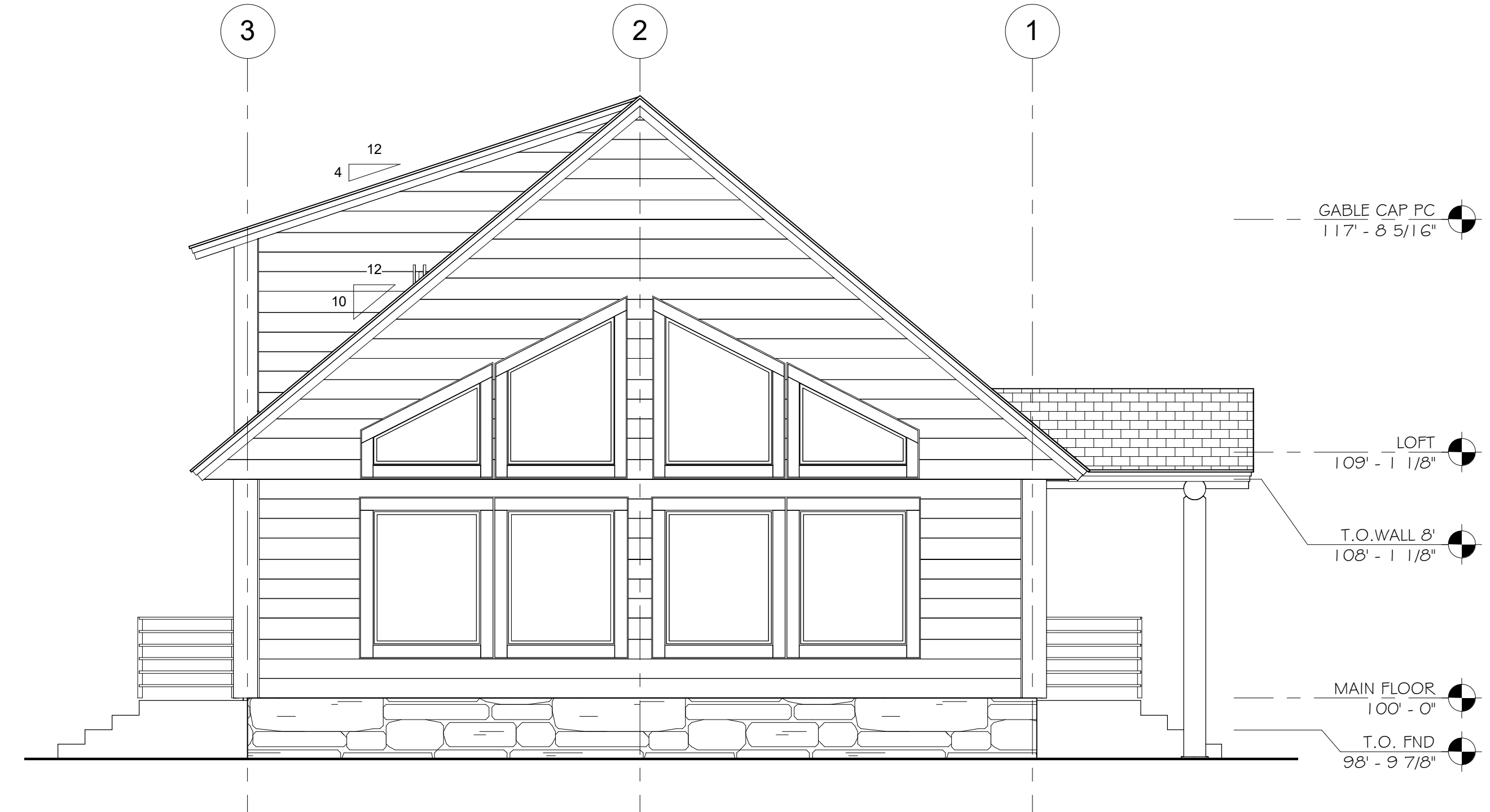
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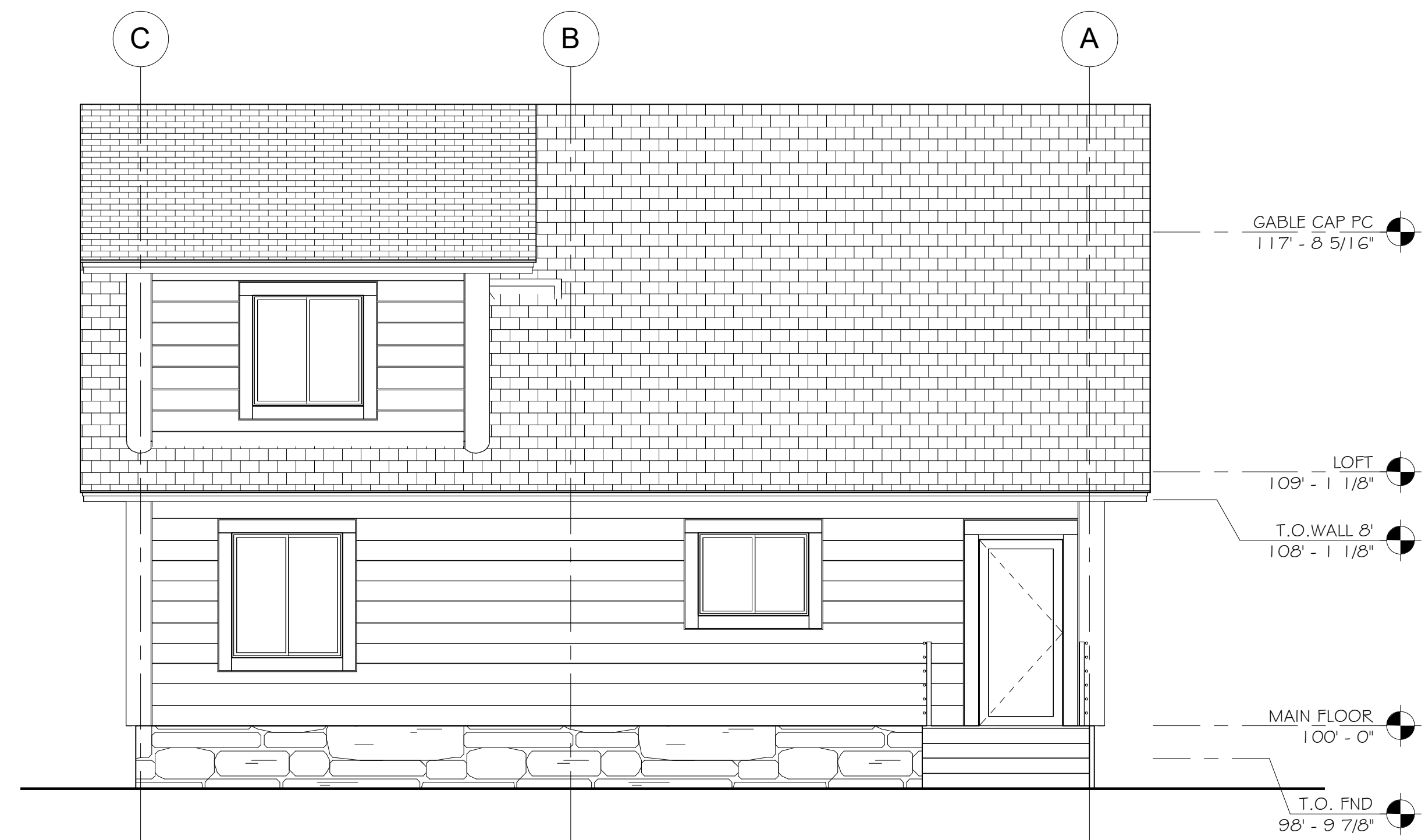
FRONT ELEVATION

1/4" = 1'-0"



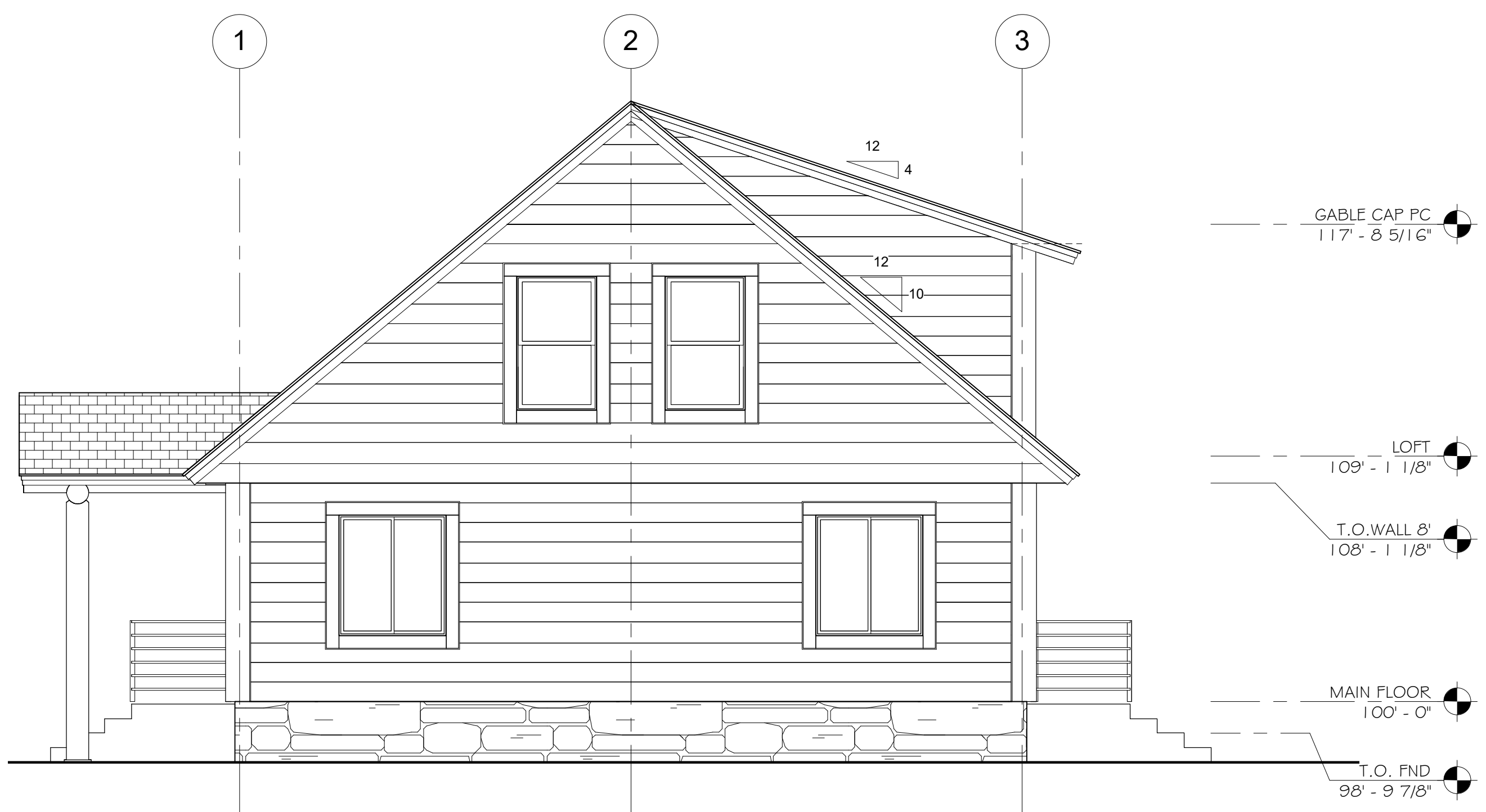
LEFT ELEVATION

1/4" = 1'-0"



BACK ELEVATION

1/4" = 1'-0"



RIGHT ELEVATION

1/4" = 1'-0"

NOT FOR CONSTRUCTION

SHEET NO. **A2.0**

PLAN NO. **TDB**

ELEVATIONS

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PRELIMINARY PLAN SET

REVISIONS:

| No. | By | Date |
|-----|----|------|
| | | |

PROJECT NAME: **HOMESTEAD LOFTED CUSTOM**

OWNER: _____

ADDRESS: _____

DRAWING TITLE: **ELEVATIONS**

PROJECT NO. _____

DRAWN BY: **JCF**

CHECKED BY: **MANAGER**

DATE: **10/17/2016 10:40:57 AM**

SHEET NO. **A2.0**

PLAN NO. **TDB**