

PJ1920-1
Fire Prevention
In: 6/6/2016
Out: 06/10/2016

Plans do not indicate how required structural and fire resistive integrity will be maintained where penetrations will be made through fire resistive construction for electrical, mechanical, plumbing, and communications conduits, pipes and similar systems. These will all be subject to field inspection, along with staggered ceiling drywall layers, recessed cans if applicable.

RCRBD
RECORD
SET

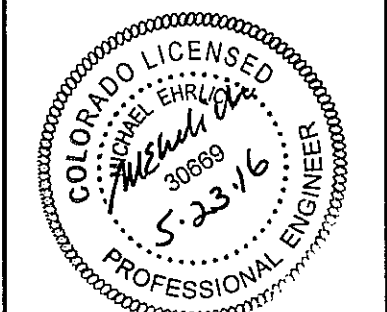
Bear Claw 2



Bear Claw 507
2420 Ski Trail Ln, Steamboat Springs, CO 80487

No Net Change is
plumbing fixtures. No
PIF fees required.
Approved 6-1-16 by
MWW Rbuccino.

PRESIDENT BRETT SHAW
PO Box 719
CLARK CO 80428
C 970-846-6837
O 970-870-3482
F 970-870-1964
TIMBERLINEINC@GMAIL.COM



STRUCTURE ONLY

Paloma Magaña		Bear Claw 507 Steamboat Springs CO 80487
CLIENT	ADDRESS	
DATE	5/23/16	
DRAWN	TCI	
JOB	Reno	
TITLE	Site Plan	
Sheet Number		
1	6	

GENERAL STRUCTURAL NOTES

- DESIGN LIVE & SNOW LOADS
- a. ROOF, UNCOVERED DECK.....85 psf snow
 - b. FLOORS.....40 psf Live
 - c. COVERED DECK.....60 psf Live
 - c. WIND.....90 mph Exp B
 - d. SEISMIC.....Ss=0.26g S1=0.068g Group I Category II

GOVERNING SPECIFICATION
International Residential Code (IRC) 2009 Edition

- FOUNDATION DESIGN
- a. Design of pads and footings is based on an allowable soil bearing pressure of 3000 psf (assumed).
 - c. See soils report for additional information including slab, footer and pad information, underslab prep, perimeter drain, surface drainage and grading backfill, curtain walls, and discussions or disclaimers on expansive soils, slab movement, slope stability or site suitability.
 - d. The owner should review the soils report for limitations and risks.
All soils issues should be addressed to the soils engineer. The owner or his representative are responsible for following the soils report, contacting the soils engineer, and following their recommendations.
- The structural engineer is not responsible for slope stability, excavation, shoring, drainage, soils issues, or construction methods. The structural engineer's duties are limited to design only and is not a project engineer.

STRUCTURAL WOOD FRAMING

- a. Except where noted otherwise all lumber shall be Douglas Fir-Larch No. 2 or better.
- b. Except as noted otherwise minimum nailing shall be provided as specified in Table R602.3(1) Fastener Schedule of the IRC 2009 edition.
- c. Floor and roof sheathing shall be APA rated with exterior glue and graded in accordance with APA Standards.
FLAT ROOF: 3/4" 48/24 8d@6 edge nail 8d@12 field nail
SLOPED ROOF: 5/8" 40/20 8d@6 edge nail 8d@12 field nail
FLOOR: 3/4" T&G 48/24 8d@6 edge nail 8d@12 field nail
SHEAR WALL: 1/2" 24/10 8d@4 edge nail 8d@12 field nail
- d. Where light gage framing anchors are shown or required they shall be Simpson "Strong Tie" or equal ICBO approved connectors and shall be installed with the number and type of nails recommended by the manufacturer to develop the rated capacity.
- f. Floor joists shall be plant fabricated I series with LVL wood flanges and plywood or OSB webs and carry ICBO approval for the composite section. Joists shall be designed to carry the full dead load and live loads of the floor and any other superimposed loads. Bridging and blocking shall be installed according to the fabricator's requirements.
- h. All microlam to be LVL 1.9E WS or equal, allowable bending stress 2600 psi and an allowable shear stress 285 psi. Nail 2 or 3 LVL's with 3 rows 16d @ 12, thru bolt 4 or more LVL's with 2 rows 1/2" thru bolts @24, UNO.
- i. All rim board to be Timber Strand LSL 1 1/4" x 11 7/8" Grade 1.3 with allowable bending stress of 1700 psi and allowable shear stress of 400 psi parallel to grain.
All Timber Strand LSL beams & rafters to be Grade 1.55 with allowable bending stress of 2325 psi and allowable shear stress of 310 psi parallel to grain.
- k. All unlisted headers to be 2-2x8.

STRUCTURAL STEEL

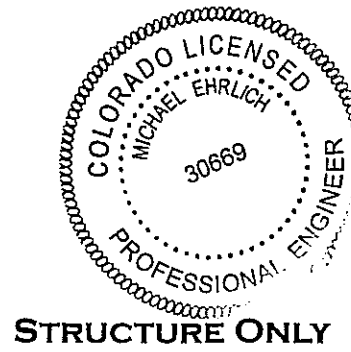
- a. All bolts, including anchor bolts, shall conform to ASTM Specification A307.
- b. Structural steel rolled shapes, including plates and angles shall be ASTM A36.
Tube shapes shall conform to ASTM A500 Grade B, 46 ksi yield. Pipe shapes shall conform to ASTM A53 Grade B.
- c. Except as noted, expansion bolts shall be "WEG-IT", "RED HEAD", or approved wedge type with the following minimum embedments: 5/8" dia: 2", 1/2" dia: 1-1/2".
- c. Except as noted, all Type "HD" tiedowns to concrete shall be secured with 5/8" epoxy bolt to foundation wall with a minimum 8" embed.

GENERAL

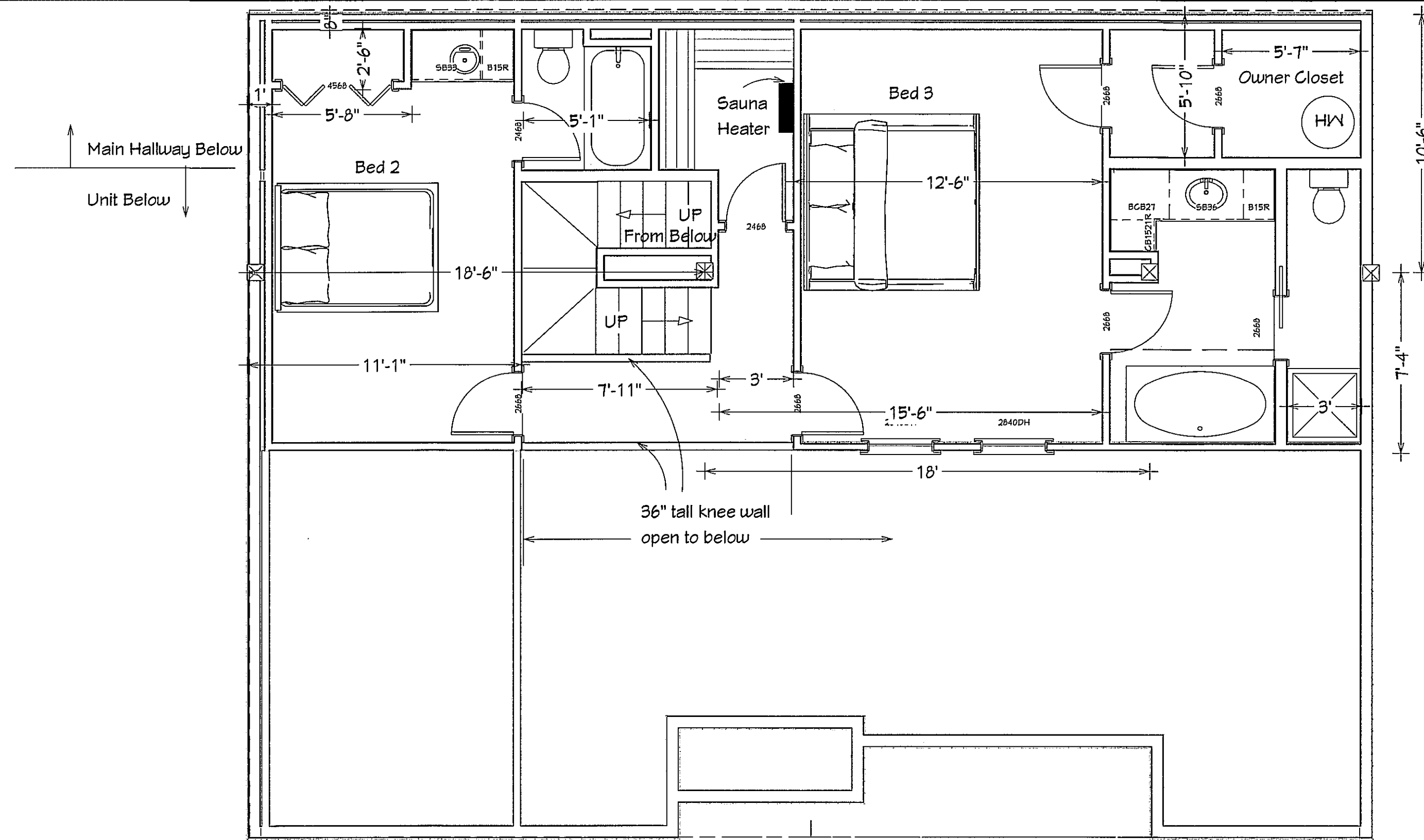
The contract structural drawings and specifications represent the finished structure. They do not indicate the method of construction. The contractor shall provide all measures necessary to protect the structure during construction. Such measures shall include, but not be limited to bracing and shoring for loads due to excavation, sliding soil, or construction equipment. Observation visits to the site by the design professionals shall not include inspection of the above items, nor will the design professionals be responsible for the contractor's means, methods, techniques, sequences for procedure of construction, or the safety precautions and the programs incident thereto.

RCRBD
RECORD
SET

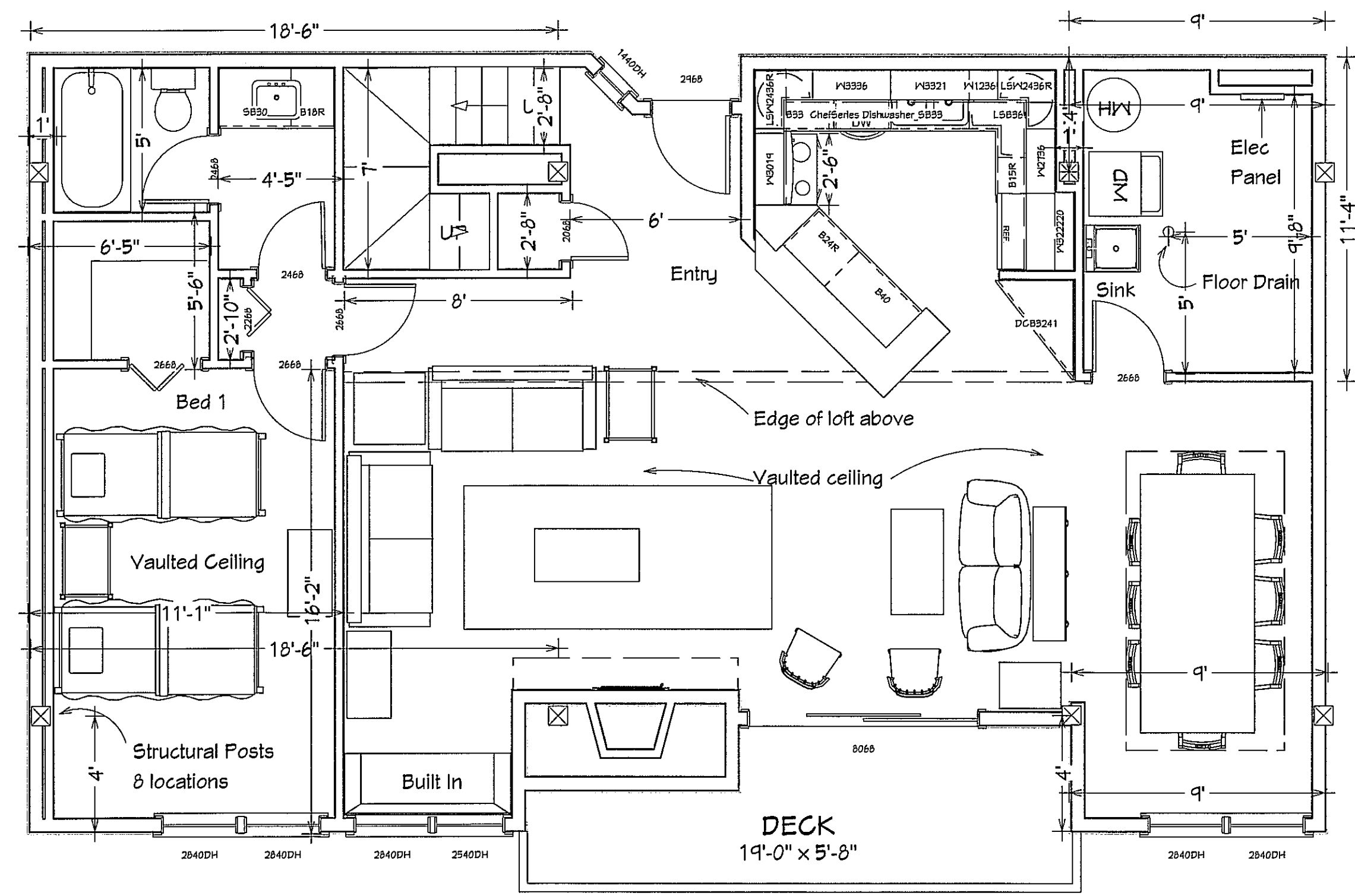
PRESIDENT BRETT SHAW
PO BOX 719
CLARK CO 80428
C 970-846-6837
O 970-870-3482
F 970-870-1964
TIMBERLINEINC@GMAIL.COM



Paloma Magaña		Bear Claw 507 Steamboat Springs CO 80487	
CLIENT	ADDRESS	DATE	5/23/16
		DRAWN	TCI
		JOB	Reno
		TITLE	Notes
Sheet Number			
2		6	



RCRBD
RECORD
SET



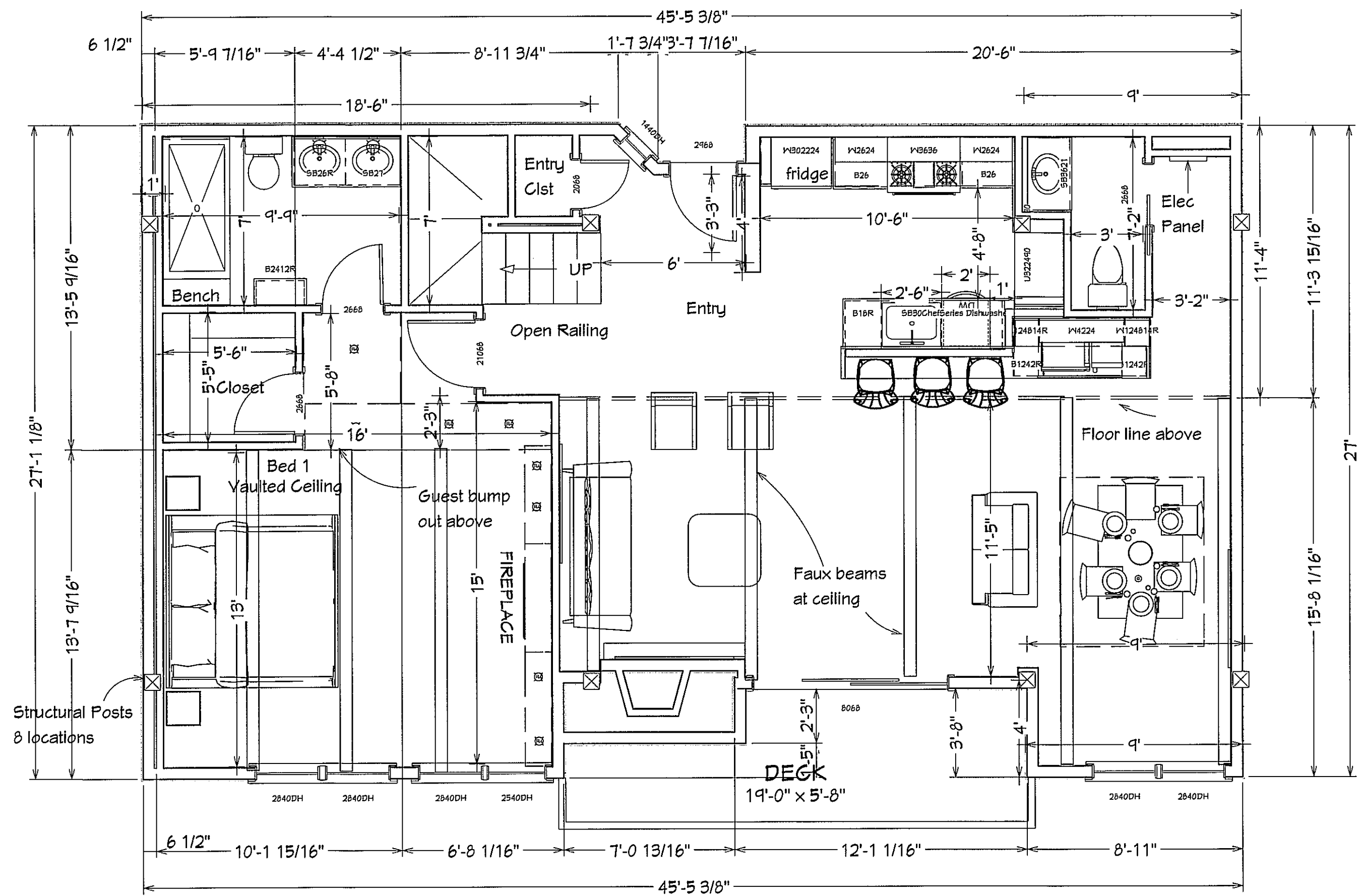
PRESIDENT BRETT SHAW
PO BOX 719
CLARK CO 80428
C 970-846-6837
O 970-870-3482
F 970-870-1964
TIMBERLINEINC@GMAIL.COM



STRUCTURE ONLY

CLIENT	Paloma Magaña
	Bear Claw 507 Steamboat Springs CO 80487
DATE	05/23/16
DRAWN	TCI
JOB	Reno
TITLE	Existing
Sheet Number	
3	6

RCRBD
RECORD
SET



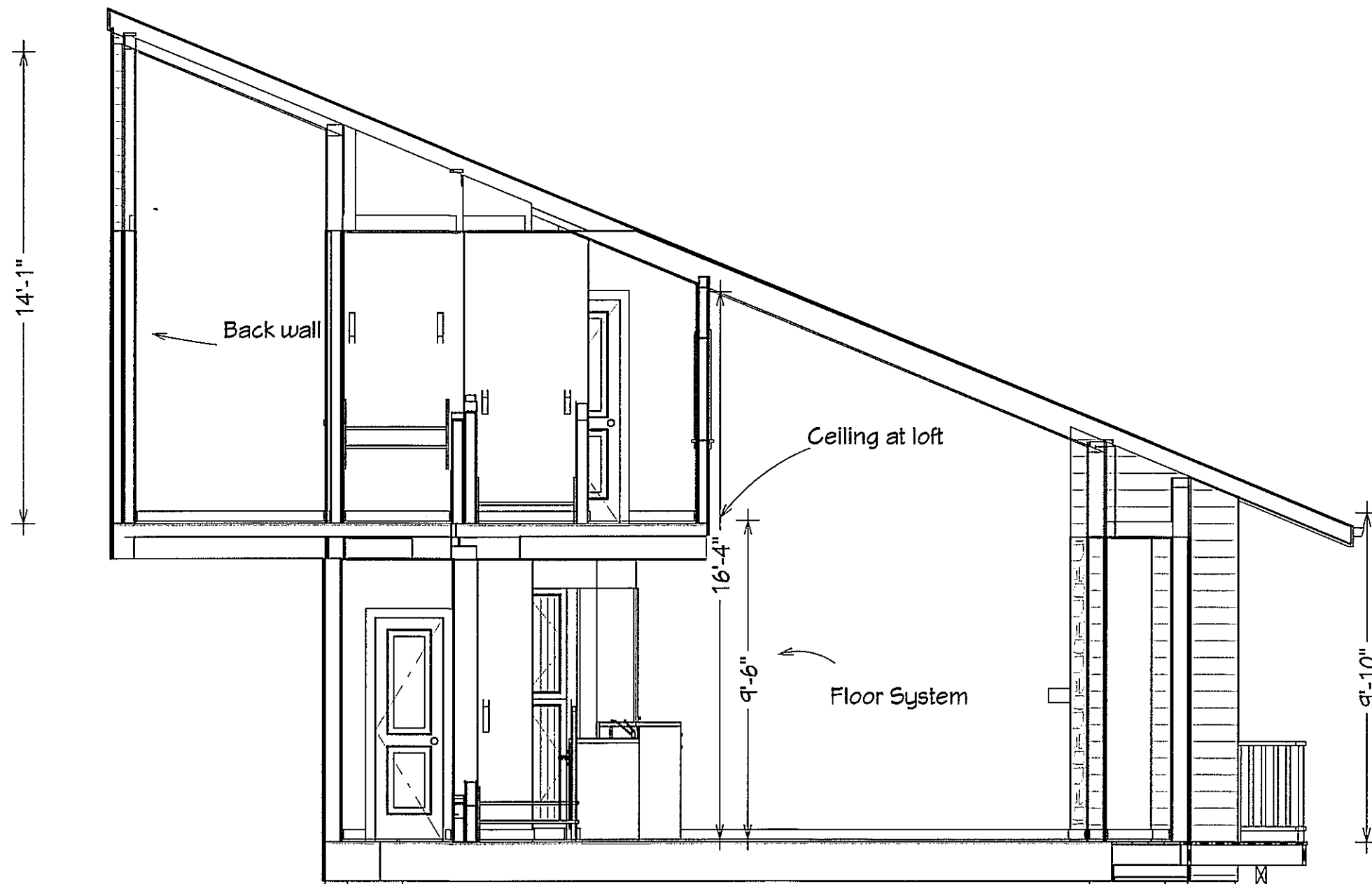
LIVING AREA
1168 sq ft

PRESIDENT BRETT SHAW
PO BOX 719
CLARK CO 80428
C 970-846-6837
O 970-870-3482
F 970-870-1964
TIMBERLINEINC@GMAIL.COM



STRUCTURE ONLY

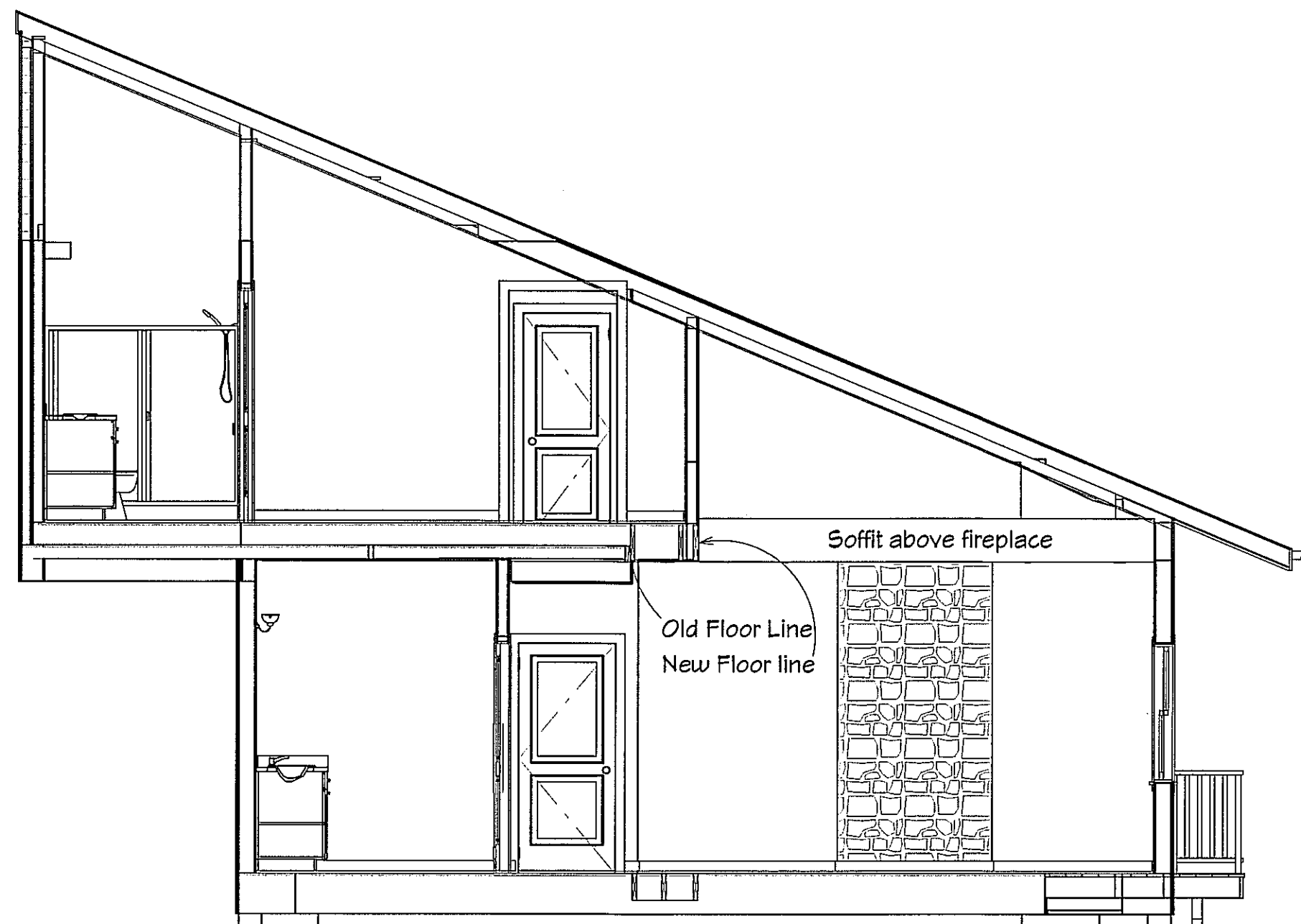
Paloma Magaña		Bear Claw 507 Steamboat Springs CO 80487	
CLIENT	ADDRESS	DATE	05/23/16
		DRAWN	TCI
		JOB	Reno
		TITLE	Main Flr
Sheet Number		4	6



RCRBD
RECORD
SET



Open Railing max 4" spacing
stairs to match existing, in reverse



PRESIDENT BRETT SHAW
PO BOX 719
CLARK CO 80428
C 970-846-6837
O 970-870-3482
F 970-870-1964
TIMBERLINEINC@GMAIL.COM



STRUCTURE ONLY

CLIENT	Paloma Magaña	DATE	05/23/16
	Bear Claw 507 Steamboat Springs CO 80487		
ADDRESS		DRAWN	TCI
		JOB	Reno
		TITLE	Elevations
Sheet Number			
6			6