

SECOND FLOOR CEILING FRAMING PLAN

**CEILING FRAMING NOTES:**

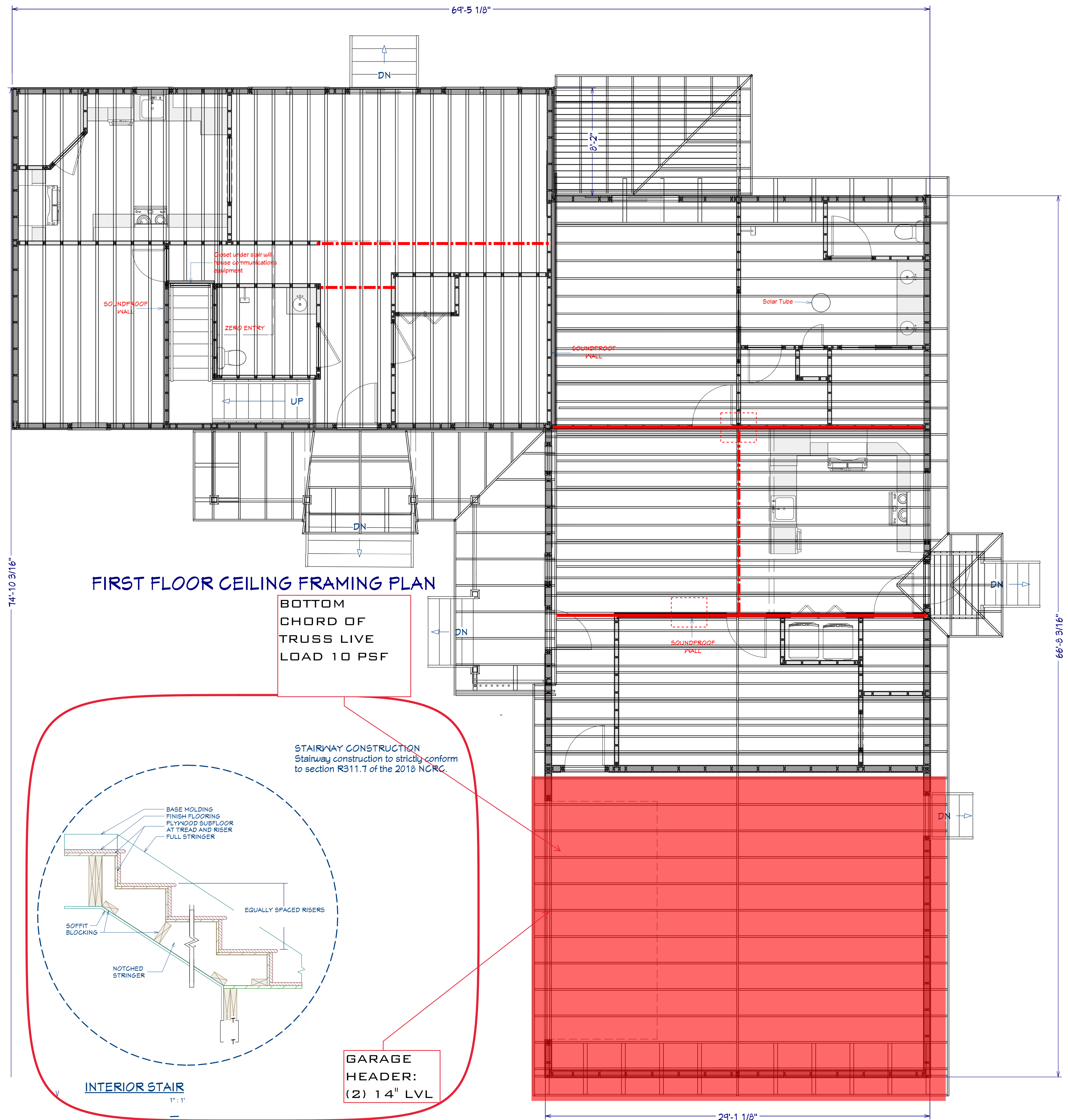
- Joist Size: 2"x10'
- Joists shall stagger and span no more than 15'
- Spacing: 16"OC
- Girder Size: 2"x12'
- Girders shall lineup with load bearing walls.

Wood Type: Spruce or Pine  
Sill plate pressure treated with insulation

Attic Vent Calculation:

Attic Area 1: 1943  
Net Free Vent Area: 3.17  
50% of Ventilation: 2.97  
Ridge Length:  
Ridge Ventilation: 6.71

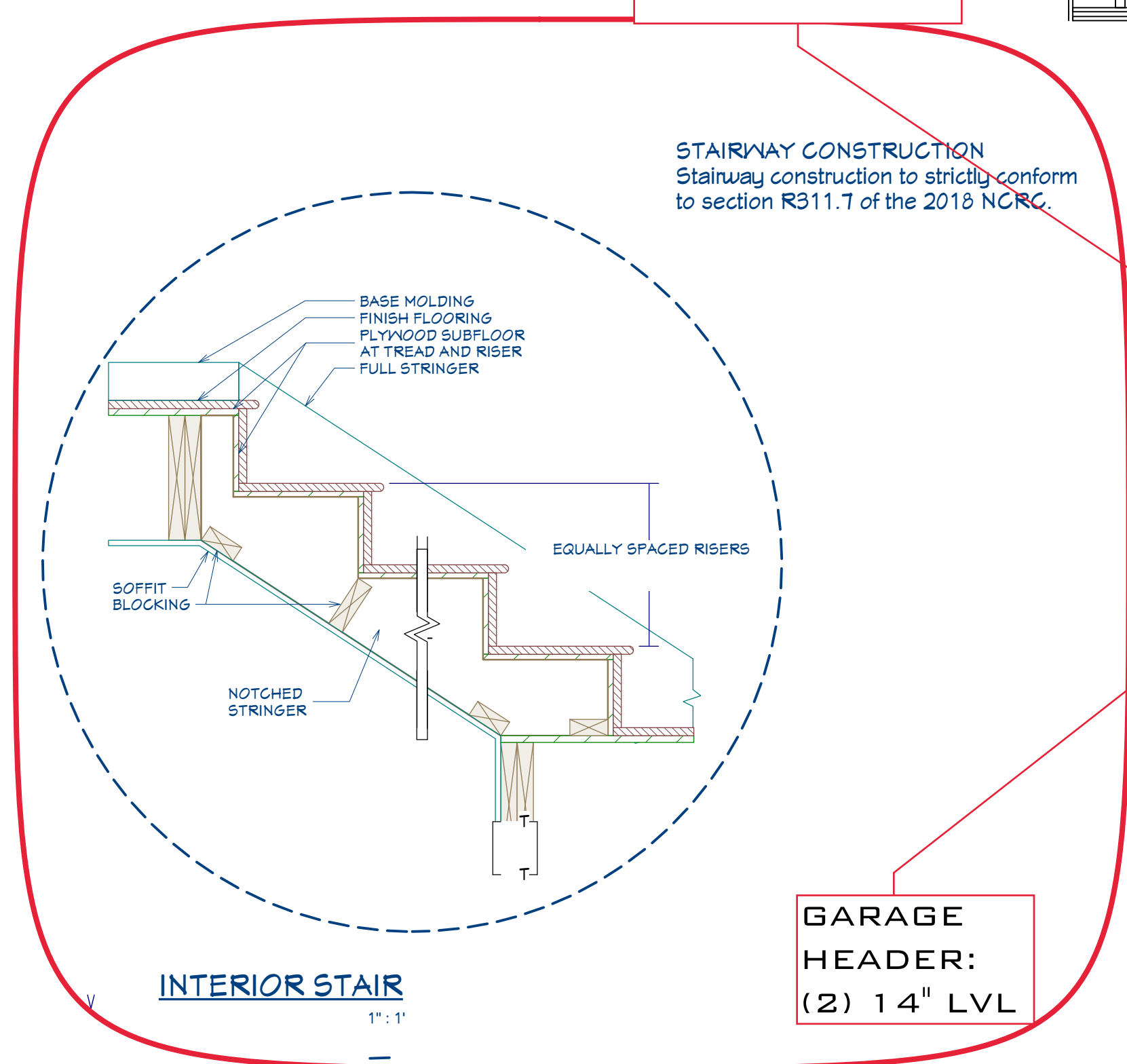
Attic Area 2: 992  
Net Free Vent Area: 3.17  
50% of Ventilation: 1.59  
Ridge Length: 39  
Ridge Ventilation: 4.88



FIRST FLOOR CEILING FRAMING PLAN

BOTTOM CHORD OF TRUSS LIVE LOAD 10 PSF

STAIRWAY CONSTRUCTION  
Stairway construction to strictly conform to section R311.7 of the 2018 NCCRC.



INTERIOR STAIR  
1"=1'

GARAGE HEADER:  
(2) 14" LVL

REVISION TABLE	NUMBER	DATE	REVISION BY	DESCRIPTION

CEILING FRAMING PLAN

115 ITHICA LANE  
BUNNLEVEL, NC 28323

DRAWINGS PROVIDED BY:  
LIONTRIBE DESIGN & CONTRACTING, LLC

DATE:

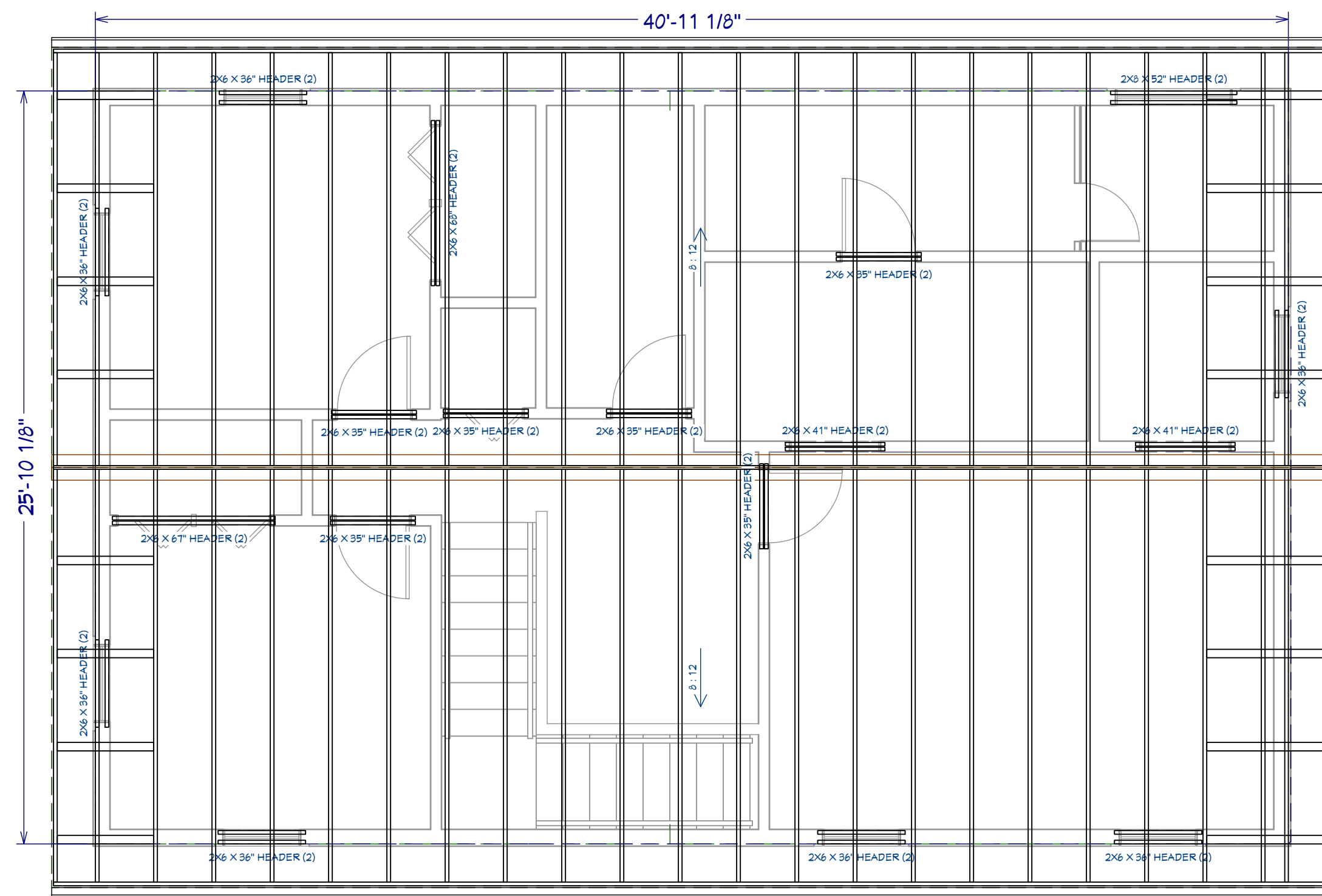
7/17/2023

SCALE:

1/4":1'

SHEET:

6



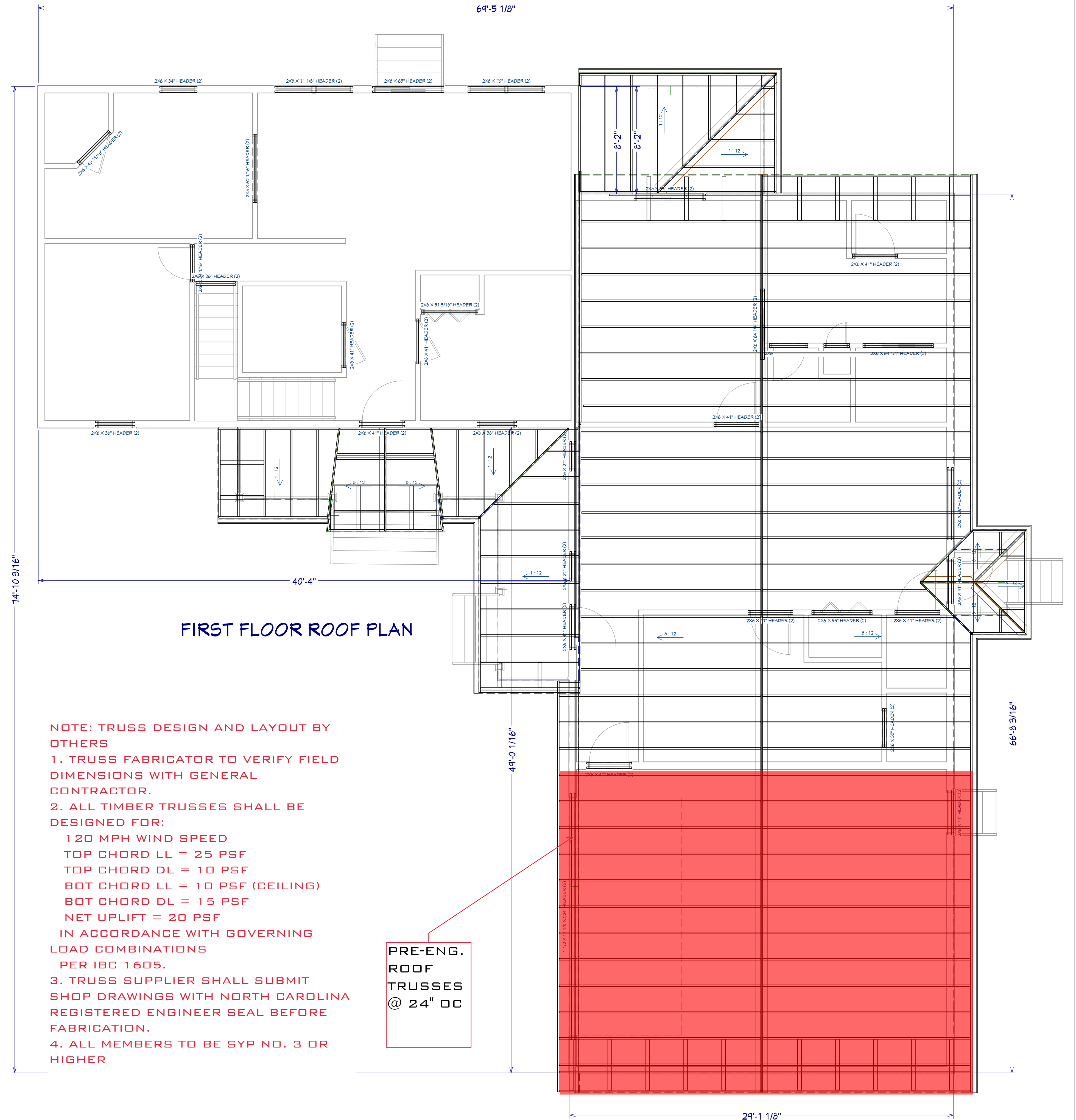
SECOND FLOOR ROOF PLAN

**ROOF FRAMING NOTES**

1. 2X10 Rafters @ 16" OC with 2x12 Ridge
2. (2) 2x12 maybe spiced with a min 6' overlap at center
3. (2) 2x10 Valley
4. Extend ridge 12" beyond intersection

**HEADER/BEAM & COLUMN NOTES**

1. All exterior and load bearing headers shall be min. (2) 2x6(4" wall) or (3)2x6 (6" wall) with (1) support stud, unless noted otherwise
2. The number shown at beam and header supports indicates the number of support studs required in stud pocket or column. The number of king studs at each end of headers in exterior walls shall be according to item "d" in Table R602.3(5) or as below per NCDOT commentary "king studs at wall openings" revised 1-9-2020:
  - up to 3' span: (1) king stud
  - over 3' up to 6' span: (2) king studs
  - over 6' up to 9' span: (3) king studs
  - over 9' up to 12' span: (4) king studs
  - over 12' up to 15' span: (5) king studs



FIRST FLOOR ROOF PLAN

NOTE: TRUSS DESIGN AND LAYOUT BY OTHERS

1. TRUSS FABRICATOR TO VERIFY FIELD DIMENSIONS WITH GENERAL CONTRACTOR.
2. ALL TIMBER TRUSSES SHALL BE DESIGNED FOR:
  - 120 MPH WIND SPEED
  - TOP CHORD LL = 25 PSF
  - TOP CHORD DL = 10 PSF
  - BOT CHORD LL = 10 PSF (CEILING)
  - BOT CHORD DL = 15 PSF
  - NET UPLIFT = 20 PSF
 IN ACCORDANCE WITH GOVERNING LOAD COMBINATIONS PER IBC 1605.
3. TRUSS SUPPLIER SHALL SUBMIT SHOP DRAWINGS WITH NORTH CAROLINA REGISTERED ENGINEER SEAL BEFORE FABRICATION.
4. ALL MEMBERS TO BE SYP NO. 3 OR HIGHER

PRE-ENG. ROOF TRUSSES @ 24" OC

REVISION TABLE	NUMBER	DATE	REVISION BY	DESCRIPTION

ROOF PLAN

115 ITHICA LANE  
BUNNLEVEL, NC 28323

DRAWINGS PROVIDED BY:  
**LIONTRIBE DESIGN & CONTRACTING, LLC**

DATE:  
7/17/2023

SCALE:  
1/4":1"

SHEET: