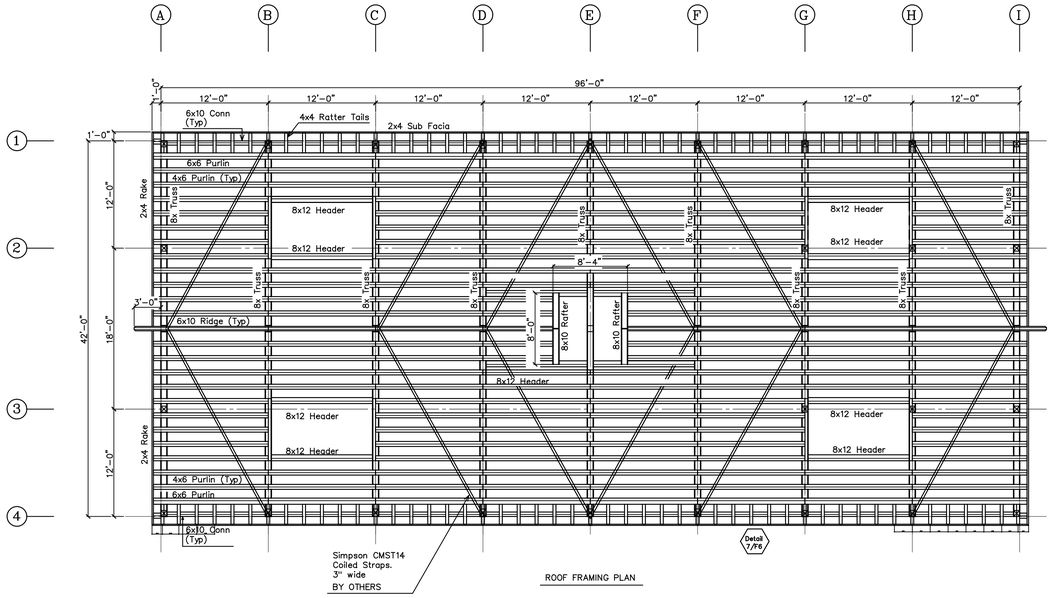
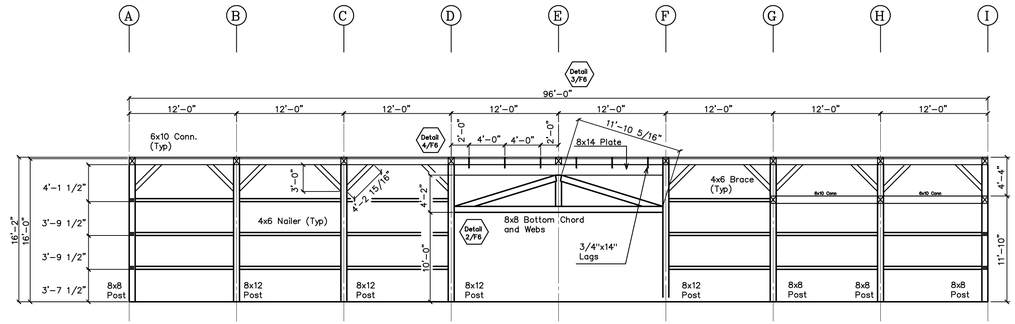
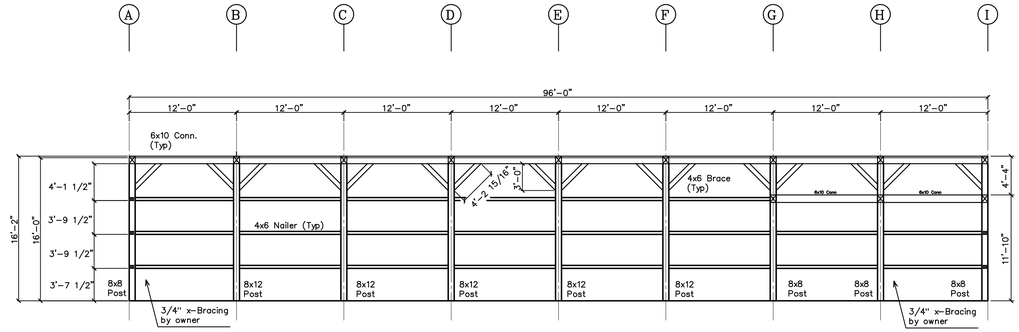


ROOF FRAMING PLAN



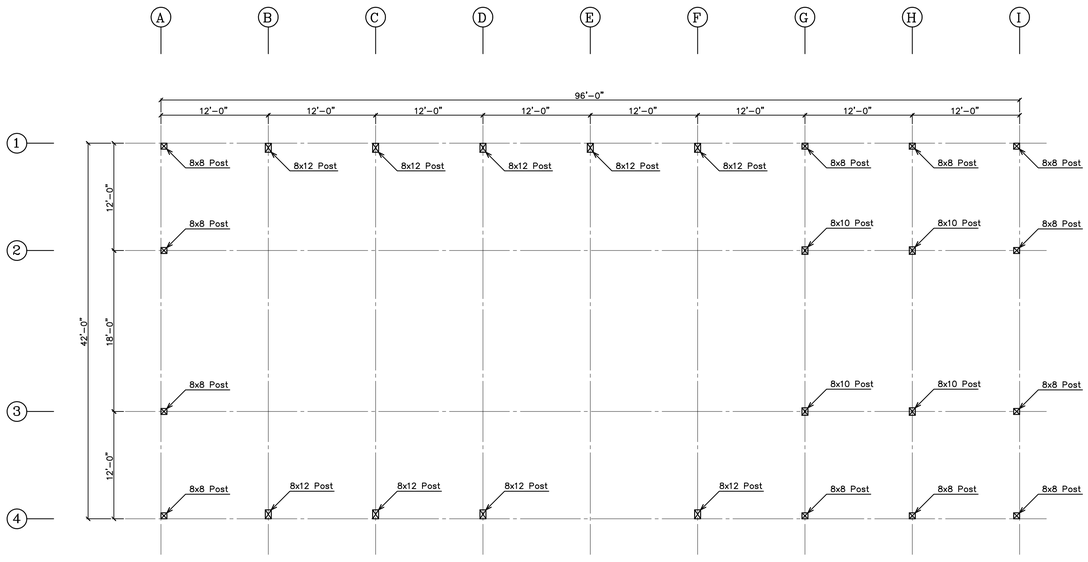
LINE 4 ELEVATION



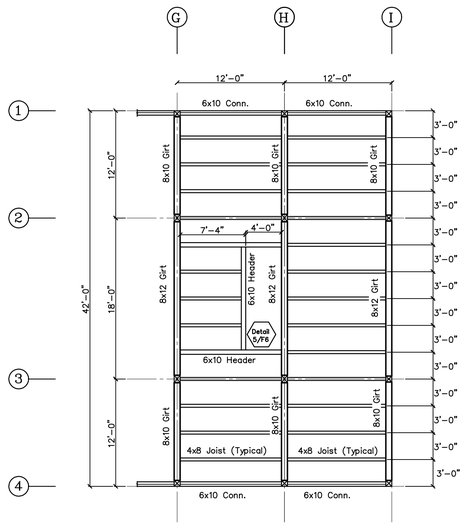
LINE 1 ELEVATION

General Notes:

Timbers to be Red Oak #1 Rough Sawn
Pegs to be 1" birch.
One coat of stain, oil or urethane to be shop applied on all sides.
All Bolts to be 3/4" zinc coated Grade A307.
All Steel to be A36 and to be shop primed flat black.
All necessary steel is to be supplied by the owner.



POST LAYOUT



Note: Floor joists are sized for normal residential live load (40psf). If the loft is to be utilized for heavy storage, such as hay, inform Vermont Timber Works.

LOFT FRAMING PLAN

BASIS OF DESIGN

It Architect and/or Structural Engineer of Record is responsible to review and approve design loads.

ROOF LOADS	VALUE
Live Load	20 psf
Dead Load	15 psf + self weight
FLOOR LOADS	
Live Load	---
ROOF SNOW LOADS	
Pg	30 psf
Pf	25 psf
Ce	1
Ct	1
I	1.2
Snow Drift & Unbalanced Snow	As Applicable
WIND LOADS	
Basic Wind Speed	90 mph (3 sec gust)
Building Category	II
I	1.0
Building Classification	Enclosed
Exposure	B
Internal Pressure Coefficient	+/-0.18

REVISIONS	BY
4/11/08	PJZ
4/18/08	PJZ
6/3/08	PJZ
6/3/08	
RED LINE CHECK	
BY:	DATE:

VERMONT TIMBER WORKS
N SPRINGFIELD VERMONT
802-886-1917

SHOP DRAWINGS

Framing Plans
Bay Elevations

THE ENGINEERING ADVICE, OPINIONS, AND RECOMMENDATIONS IN THIS DRAWING ARE THOSE OF THE LICENSED PROFESSIONAL ENGINEER WHOSE STAMP APPEARS HEREON, AND NOT OF VERMONT TIMBER WORKS, INC.

PROJECT:

Rich Barn
Auburn, PA

DRAWN : PJZ
CHECKED :
DATE : 2/27/08
SCALE : 1/8"=1'-0"
JOB NO. :
SHEET
F-2
OF SHEETS

COPYRIGHT VERMONT TIMBER WORKS, INC.
THIS DRAWING MAY BE UTILIZED ONLY FOR THE WORK SHOWN THEREIN AT THE SITE SPECIFIED. ANY OTHER USE OF THIS DRAWING INCLUDING, WITHOUT LIMITATION, ANY REPRODUCTION OR ALTERATION OF THIS DRAWING WITHOUT THE PRIOR WRITTEN APPROVAL AT VERMONT TIMBER WORKS, INC. IS A VIOLATION OF LAW AND PROHIBITED.