

BASES OF DESIGN

- 1) Architect and/or Structural Engineer of Record is responsible to review and approve design loads.
- 2) The heavy timber trusses and/or frame is designed for gravity loads only and not as part of the main lateral force resisting system. The main lateral force resisting system is the responsibility of others.
- 3) The following design loads are based on the loads provided by the Structural Engineer of Record on the Structural Drawing Sheet S-01, dated 22 June 05, revised 18 November 05.

ROOF LOADS	VALUE
Live Load	---
Dead Load	15 psf + self weight
FLOOR LOADS	---
Live Load	---
ROOF SNOW LOADS	---
Pg	30 psf
Pf	30 psf
Ce	0.7
Ct	1
Snow Drift & Unbalanced Snow	As Applicable
WIND LOADS	---
Basic Wind Speed	100 mph (3 sec gust)
Building Category	II
Building Classification	Enclosed
Exposure	C
Internal Pressure Coefficient	+/-0.18
Component and Cladding Wind Loads (20 sq. ft. Tributary Area Min.)	---
Roof Zone 1	+18.0/-24.0 psf
Roof Zone 2	+18.0/-24.0 psf
Roof Zone 3	+18.0/-24.0 psf
Wall Zone 4	+18.0/-24.0 psf
Wall Zone 5	+18.0/-24.0 psf

Note: These shop drawings are based on our best guess at clarifying discrepancies in the architectural drawings using provided dimensions, scaling, and choosing the most probable solution. Dimensional preference was given to the structural drawings except when there were conflicts with finishes. Elevations have been scaled. Contractor and architect to verify ALL dimensions. VTW WILL ASSUME NO LIABILITY FOR WRONG DIMENSIONS. TIMBERS WILL BE CUT TO VTW'S DIMENSIONS ONLY

General Notes:

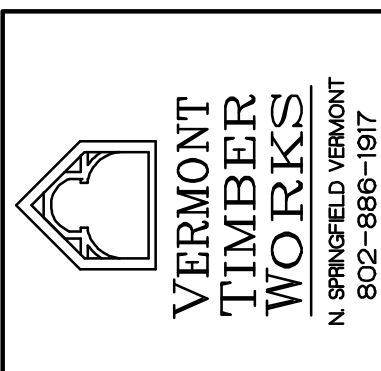
- Timbers to be Douglas Fir #1 & Better S4S
- Pegs to be 1" birch
- All edges to have 1/2" chamfer
- One coat of stain, oil or urethane to be shop applied on all sides.
- All Bolts to be 3/4" zinc coated Grade A307.
- All Steel A36 and to be shop primed flat black.

Authorization to Order Material And Fabricate

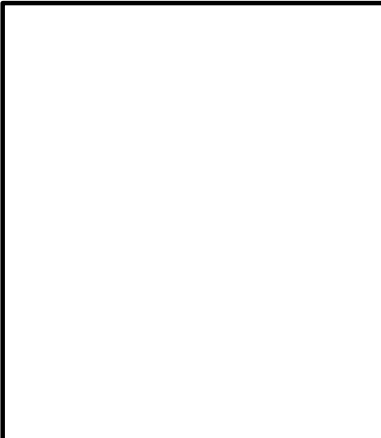
The undersigned certifies that all the dimensions shown on these drawings are correct and the material order and fabrication may proceed:

Wiles Architects	Date
Newfield Construction	Date
Sarazin General Contractors	Date

REVISIONS	BY
7/19/06	
9/6/06	



SHOP DRAWINGS
Post Plan
Roof Framing Plan



PROJECT: Carl M. Small
Regional Vocational Center
Timber Frame Lobby

DRAWN : D.F.	CHECKED :
DATE : 6/21/06	
SCALE : 1/4" = 1'-0"	
JOB NO. :	
SHEET	
F-1	
OF	SHEETS

