BASIS OF DESIGN

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

 The heavy timber trusses and/or frame is designed for

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.

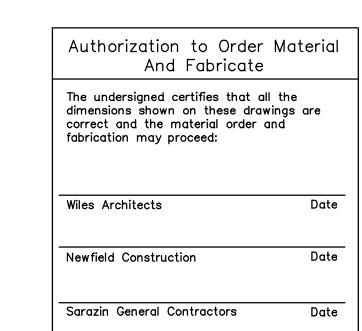
3) The following design loads are based on the loads provided by the Structural Engineer of Record on the Structural Drawing Sheet S-01, dated 22 June 05, revised 18 November 05.

ROOF LOADS	VALUE				
Live Load					
Dead Load	15 psf + self weigh				
FLOOR LOADS					
Live Load					
ROOF SNOW LOADS					
Pg	30 psf				
Pf	30 psf				
Ce	0.7				
Ct	1				
I	1				
Snow Drift & Unbalanced Snow	As Applicable				
WIND LOADS					
Basic Wind Speed	100 mph (3 sec gus				
Basic Wind Speed Building Category					
Basic Wind Speed	1.19				
Basic Wind Speed Building Category I Building Classification	III 1.19 Enclosed				
Basic Wind Speed Building Category I Building Classification Exposure	III 1.19 Enclosed C				
Basic Wind Speed Building Category I Building Classification Exposure Internal Pressure Coefficient Component and Cladding Wind Loads	III 1.19 Enclosed C				
Basic Wind Speed Building Category I Building Classification Exposure Internal Pressure Coefficient Component and Cladding Wind Loads (20 sq. ft. Tributary Area Min.)	III 1.19 Enclosed C +/-0.18				
Basic Wind Speed Building Category I Building Classification Exposure Internal Pressure Coefficient Component and Cladding Wind Loads (20 sq. ft. Tributary Area Min.) Roof Zone I	III 1.19 Enclosed C +/-0.18 +19.0/-20.0 psf				
Basic Wind Speed Building Category I Building Classification Exposure Internal Pressure Coefficient Component and Cladding Wind Loads (20 sq. ft. Tributary Area Min.) Roof Zone 1 Roof Zone 2	III 1.19 Enclosed C +/-0.18 +19.0/-20.0 psf +19.0/-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 preferance 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.



arie to be sliop applied	
ed Grade A307. primed flat black.	RMONT WBER
der Material ate	M V EI
at all the	
drawings are der and	NGS 1 Plan

REVISIONS

RED LINE CHECK

DATE:

7/19/06

9/6/06

		(5)		4				5					4			
(L.1)	3'-0"	2'-9	29'-4" 26'-2" 8'-8 3/4" 8'-8 1/2" 6'-0" 2'-8 1/2" 6'-0" 7 2'-8 Truss T1	3'-0" 1'-7" 8'-8 3/4" 1/2" 6'-0" 2'-9 1/2"2"	7" 4 1/2"	Z'-10 3/4"	3'-0"		8 3/4"	29'- 26'- 8'-8	2" /2" Truss T1	8'-8 3/4		3'-0"	2'-0"	7"
(F)	2'-9 3/4"	W16x36 By Others	HSS 8x8x5/16 By Others HSS 8x8x1/2 By Others Truss T2	HSS 8x8x5/16 By Others HSS 8x8x1/2 By Others	2,-0,	E-6 1/2"	2'-9 3/4"				Truss T2				0-,2	** 1/2"
8'-6 1/2"			Truss T2			8'-6 1/2"	nis Purlin Cut, Fit Installed By Others				Truss T2				This Purlin Cut, Fit Installed By Others	
43'-10" VTW Truss Dimensions 8'-6 1/2"		W16x36 By Others	Truss T2	W16x36 By Others	29'-5 3/4" 45'-2" chitectural Grid Dimensions	43'-10" VTW Truss Dimensions 8'-6 1/2"					Truss T2				29'-5 3/4"	45'-2" chitectural Grid Dimensions
9'-1 1/4"			Outer Edge of soffit Truss T2	8,-2,	10 1/4"	9'−1 1/4"	is Purlin Cut, Fit Installed By Others				Truss T2				10 1/4"	Ar
1 -'e	:	W16x36 By Others	HSS 8x8x1/2 By Others	W16x36 By Others H\$\$2 8x8x3\/8 Bh Others H\$2 8x8x3\/8 Bh Others	10,-0 1/4"	J——	5 3/4"								8'-8 1/4"	
H.1)————————————————————————————————————	3/4" 1'-4"		HSS 6x6x1/2 By Others Truss Plan at Top of Steel	HSS 6x6x1/2 By Others	*4-'-	H) 3/- 4 3/- 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					Truss T3 Ing Plan			 	1'-4"	

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

DATE: 6/21/06

SCALE :1/4"=1'-0"