

REVISIONS BY

1/22/04

RED LINE CHECK

BY: DATE:



SHOP DRAWINGS
Plans
Perspectives

PROJECT: Chilton Barn
Timber Frame
Darien, CT

DRAWN : CHECKED :

D.F.

DATE : 12/6/04

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

JOB NO. :

SHEET

F-1

OF SHEETS

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 or urethane to be shop applied on all sides.

Basis of Design

Building Code: 1996
Boca Building Code

Design Loads

Roof Dead Load 20 psf
Roof Live Load minimum, see Snow Load 20 psf
Loft Floor Dead Load 15 psf

Floor Live Load

Loft Floor Live Load 40 psf

Roof Snow Load

Ground Snow Load, Pg 30 psf
10/12 Pitch Roof Snow Load, Ps 20 psf balanced,
0-25 psf unbalanced
Snow Exposure Factor, Ce 0.8
Snow Load Importance Factor 1.0

Wind Load

Basic Wind Speed 110 Mph
Wind Importance Factor 1.0
Wind Exposure D
MFRS Wind Design Pressure 28 psf

Lateral Load Resisting System Plywood
Sheathed Shear Walls by Others

