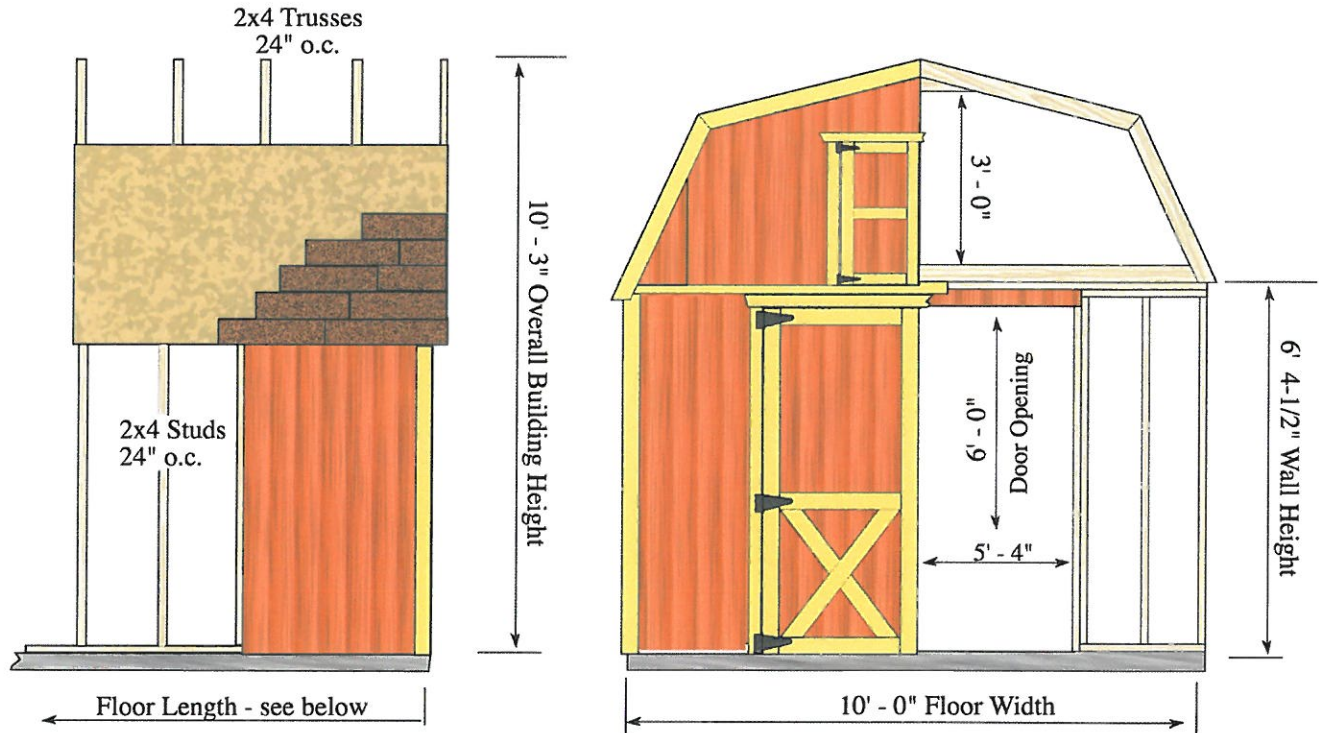




Before you order our kit or begin construction, obtain a building permit. The information below and the attached truss drawing should provide the information you will need.

If additional documents are required contact Richard@barnkits.com.

WOODVILLE ELEVATION



GENERAL SPECIFICATIONS

Foundation: By owner

Wall Framing: Constructed from 2x4 pre-cut wall studs spaced 24" o.c. Bottom plate, top and tie plate included.

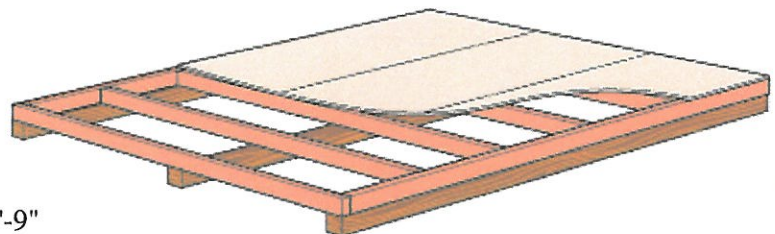
Siding: Louisiana-Pacific 'Smart Panel' primed 8" o.c. groove with 50 year warranty, 5 year labor replacement

Roof System: 2x4 trusses spaced 24" on center, (40 psf ground snow load, 140 mph wind load). 7/16" OSB roof sheathing. *Shingles by owner.*

Exterior Trim: White pine trim for corners, door and gable trim.

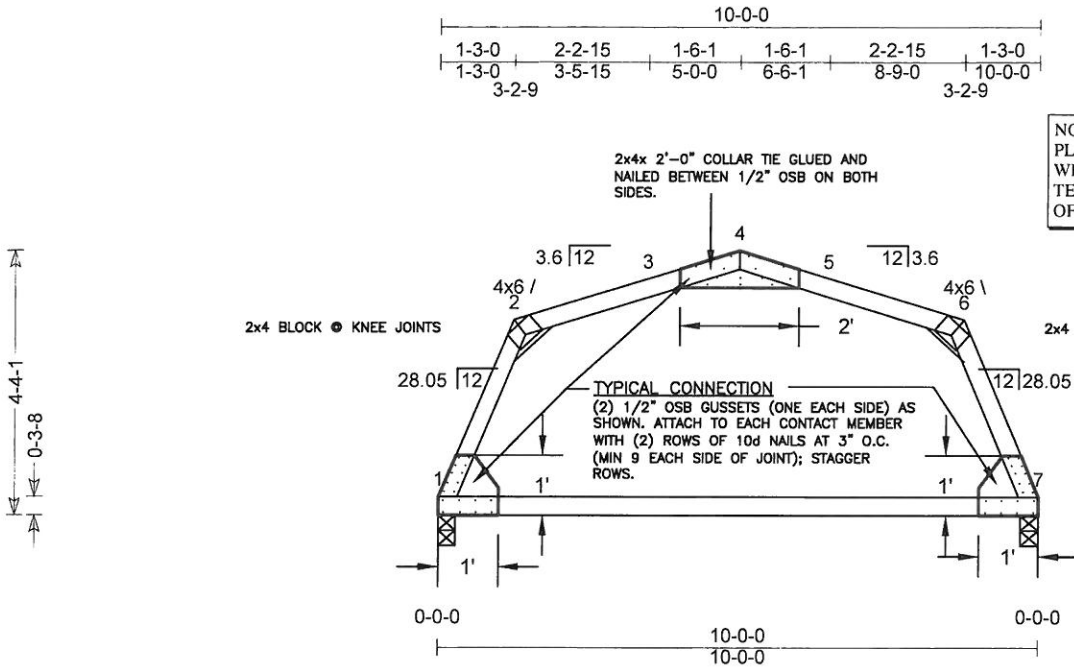
Hardware: Nails for all framing, metal hurricane hangers for trusses.

Optional Floor: 2x4 treated floor joist spaced 16" o.c. covered with 5/8" structurwood, installed over 4x4 treated runners. Nails are included. Material is not pre-cut.



10'x12' Foundation Size 10'-0" x 11'-9"
 10'x16' Foundation Size 10'-0" x 15'-9"

SPAN 10-0-0	PITCH 28.05/12	QTY 1	OHL 0-0-0	OHR 0-0-0	CANT L 0-0-0	CANT R 0-0-0	PLYS 1	SPACING 24 in	WGT/PLY 38 lbs
----------------	-------------------	----------	--------------	--------------	-----------------	-----------------	-----------	------------------	-------------------



NOTE: END USER MAY TEMPORARILY ATTACH THE PLYWOOD GUSSETS WITH FASTENERS OTHER THAN WHAT IS CALLED OUT ON THE DRAWING. THESE TEMPORARY FASTENERS DO NOT TAKE THE PLACE OF THE REQUIRED 10d NAILS SHOWN HEREON.

Loading	General	CSI Summary	Deflection	L/	(loc)	Allowed
Load (psf)	Bldg Code : IBC 2003/ TPI 1-2002	TC : 0.62 (1-2) BC : 0.79 (7-1) Web : 0.03 (3-5)	Vert TL: 0.37 in Vert LL: 0.3 in Horz TL: 0 in	L / 306 L / 377 7	(7-1) (7-1) 7	L / 240 L / 360
TCLL : 20	Rep Mbr Increase : No					
TCDL : 10	D.O.L. : 115 %					
BCLL : 20	Matrix					
BCDL : 5						
Plate Offsets (Int.X.Y.Ang) (1-2-14.0-0.0) (2-2-5.2-9.41) (3-1-0-3.0-0.0) (4-0-3-10.0) (5-1-0-3.0-0.0) (6-2-4.2-9.42) (7-2-14.0-0.0)						

Reaction Summary

JT	Type	Brg Combo	Brg Width	Rqd Brg Width	Max React	Max Grav Uplift	Max MWFRS Uplift	Max C&C Uplift	Max Uplift	Max Horiz
1	Pin (Wall)	1	3.5 in	1.50 in	550 lbs	-	-194 lbs	-457 lbs	-457 lbs	-
7	H Roll (Wall)	1	3.5 in	1.50 in	550 lbs	-	-192 lbs	-457 lbs	-457 lbs	-

Material Summary

TC SP #2 2 x 4
BC SP #2 2 x 4
Webs SP #3 2 x 4

Bracing Summary

TC Bracing: Sheathed or Purlins at 6-3-0, Purlin design by Others.
BC Bracing: Sheathed or Purlins at 10-0-0, Purlin design by Others.

Loads Summary

1) This truss has been designed for the effects of wind loads in accordance with ASCE7 - 02 with the following user defined input: 140 mph, Exposure C, Enclosed, Gable/Hip, Building Category II (I = 1.00), Overall Bldg Dims 12 ft x 12 ft, h = 15 ft, Not End Zone Truss, Neither end web considered, DOL = 1.60
2) In accordance with IBC 1607.1, minimum BCLL's do not apply.

Member Forces Summary

Table indicates: Member ID, max CSI, max axial force, (max compr. force if different from max axial force)

Member	Force	Member	Force	Member	Force
TC 1-2	0.617	-544 lbs	3-4	0.225	475 lbs (-224 lbs)
TC 2-3	0.410	-493 lbs (-342 lbs)	4-5	0.225	475 lbs (-224 lbs)
BC 7-1	0.788	292 lbs (-231 lbs)	5-6	0.410	493 lbs (-342 lbs)
Webs 3-5	0.034	-262 lbs	6-7	0.617	-544 lbs

Notes:

- 3) When this truss has been chosen for quality assurance inspection, the Effective Tooth Count Method per TPI 1-2002/A3.4 shall be used.
- 4) Building Designer shall verify self weight of the truss and other dead load materials do not exceed BCDL 5 psf.
- 5) Brace bottom chord with approved sheathing.

A copy of this design shall be furnished to the erection contractor. This design is for an individual building component (a truss). It is based on specifications provided by the Truss Designer and performed in accordance with TPI 1-2002 and the 2001 NDS design standard. No responsibility is assumed for the accuracy of information provided by the Truss Designer. Dimensions shall be verified by building designer. Creep deflection is not automatically accounted for by the software. The building designer shall review loading, truss configuration and initial deflection data shown to ensure that this design meets or exceeds minimum loading required by applicable building codes. Compression chords shall be laterally braced by the roof or floor sheathing, directly attached, unless otherwise noted. Bracing shown is for lateral support of individual truss components only to reduce buckling length. It is not wind or lateral load bracing or overall building design bracing which is by others. Refer to BCSI-B3 for recommended truss handling and erection. Do not apply loads beyond weight of erectors until all permanent bracing is in place. Concentration of construction loads greater than the design loads shall not be applied to the trusses at any time. Trusses shall be handled with care prior to erection to avoid damage. Lumber moisture content shall be 19% or less at the time of fabrication, unless noted otherwise (U.N.O.). Connector plates shall be manufactured by Eagle Metal Products (LSR-1082). Plates shall be applied on both faces of truss at each joint. Plate dimensions are listed width x length. Slots (holes) in plate shall run parallel to the plate length. The plate shall be centered on joint and/or placed in accordance with the current version of TPI. Design assumes adequate anchorage will be provided to resist uplift at supports. The seal on this drawing indicates acceptance of professional engineering responsibility solely for the truss component design shown. The suitability and use of this component for any particular building design is the responsibility of the building designer, per ANSI TPI 1-2002 Chapter 2.