Job	Truss	Truss Type	Qty	Ply			
PER151299 10FT TRUSS	R1		1	1	lab Dafaaaaa (aa)	N	
			Job Reference (optional)				
	-0-4-8	5-0-0		10-	-0-0	10-4-8	
	0-4-8	5-0-0		5-0		0-4-8	

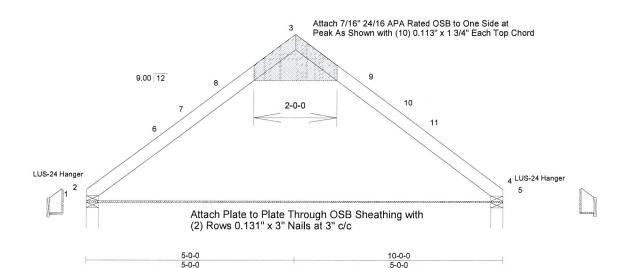


Plate Offsets (X,Y)- [2:Edge,0-0-4], [3:0-2-8,Edge], [4:0-0-0,0-0-4] LOADING (psf)

SPACING-2-0-0 CSI. TCLL 30.8 Plate Grip DOL TC 1.15 0.41 (Ground Snow=40.0) BC Lumber DOL 1.15 0.25 TCDL 10.0 YES WB Rep Stress Incr 0.00 0.0 * **BCLL** Code IBC2009/TPI2007 (Matrix) BCDL 10.0

DEFL. (loc) L/d in I/defl Vert(LL) -0.232-4 >506 240 Vert(TL) -0.61 2-4 >192 180 0.00 Horz(TL) n/a n/a

PLATES GRIP 244/190 MT20

Weight: 35 lb FT = 20%

LUMBER-

TOP CHORD 2x4 SPF No. 2

BRACING-

TOP CHORD **BOT CHORD** Structural wood sheathing directly applied or 6-0-0 oc purlins. Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=536/0-3-8 (min. 0-1-8), 4=536/0-3-8 (min. 0-1-8)

Max Horz 2=-232(LC 9)

Max Uplift 2=-324(LC 11), 4=-324(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD

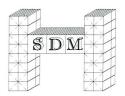
1-2=0/17, 2-6=-454/349, 6-7=-378/352, 7-8=-354/354, 3-8=-312/371, 3-9=-312/371, 9-10=-354/354, 10-11=-378/352, 4-11=-454/349, 4-5=0/17

NOTES-

- 1) Wind: ASCE 7-05; 140mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=28ft; eave=4ft; Cat. II; Exp C; enclosed; MWFRS (all heights) and C-C Exterior(2) -0-4-8 to 2-7-8, Interior(1) 2-7-8 to 5-0-0, Exterior(2) 5-0-0 to 8-0-0 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) TCLL: ASCE 7-05; Pg= 40.0 psf (ground snow); Pf=30.8 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for greater of min roof live load of 15.0 psf or 1.00 times flat roof load of 30.8 psf on overhangs non-concurrent with other live loads.

LOAD CASE(S) Standard





11356 West Coal Mine Drive Littleton, CO 80127

> Phone: (303) 972-6512 Fax: (775) 655-5831

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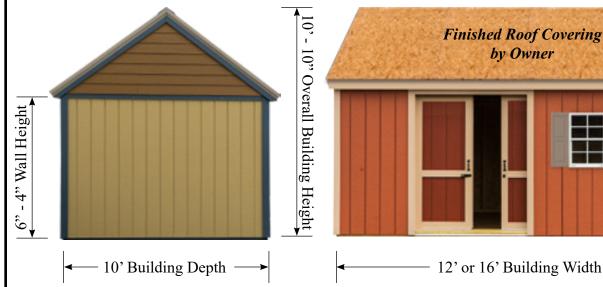


10-19-15



Before you order our kit or begin construction, obtain a building permit. If additional documents are required contact questions@barnkits.com.

12' & 16' Brookhaven Elevation



12' or 16' Building Width

Wall Framing: Constructed from 2x4 pre-cut studs spaced 24" on center between 2x4 top, bottom and tie plates.

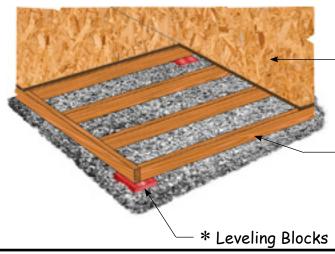
Siding: Luiisianna-Pacific 'Smart Panel' primed 8" o.c. groove with 50 year warranty, 5 year labor replacement. Primed LP pre-cut horizontal Lap siding furnished for gables.

Pocket Doors: Pre-built 2x4 frame covered with LP 'Smart Panel' primed siding. White pine trim. Door opening 55" wide x 72" high.

Roof System: 2x4 trusses spaced 24" on center (40 psf ground load, 140 mph wind load). 7/16" OSB roof sheathing. Finished roof covering (shingles or metal) by owner.

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

Hardware: Nails, hangers for trusses. Heavy duty aluminum track for pocket doors, decorative door handles, door latch and aluminum door sill.



Optional Floor: is constructed with treated 2x4 framing. Floor joists are spaced 16" on center and covered with 5/8" OSB (oriented strand board).

Foundation Size

10'x12' 10'-0" x 12'-0" 10'x16' 10'-0" x 16'-0"

2x4 Treated Joist 16" o.c.

* If necessary use bricks, patio stones or similar material to level or provide additional support to the floor. If your ground has low areas consider adding gravel and or 4x4 treated timbers to rest the floor on.