

Obtaining a permit for your Best Barns or Sentry Buildings kit.

Building code offices and HOA's may require different documents to obtain a permit. The homeowners first step is to contact their local code office and ask what is needed for the size of building to be purchased.

Typically, the necessary documentation may include some or all of the following.

- Elevations showing at least two sides of structure.
- Site plan showing existing structures and proposed build site.
- Engineered drawings for truss system indicating snow and wind load ratings.*
- Cross sections of wall framing and foundation.
- Tie down locations for high wind load areas.

Permit requirements vary based on location. Some areas may not require a permit at all. The documents provided by Best Barns or Sentry Buildings are intended to help the homeowner with the permit process but do not guarantee a permit will be issued.** It is the homeowner's responsibility to determine if a permit is required and submit the necessary documentation if so.

* Engineered truss drawings stamped for your individual state can be obtained upon request. A deposit will be required if shed or garage kit has not yet been purchased. Contact us directly at 800-245-1577 for further details.

** Certain states such as Florida and California have stringent requirements for obtaining a permit. Depending on your location, a civil engineer's services may be required to provide necessary documents. These services are the homeowners responsibility to obtain and are not included in the purchase of a shed or garage kit.

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
PER161609	T4D	KINGPOST	1	1	

8.020 s Aug 1 2016 MiTek Industries, Inc. Mon Nov 28 18:59:20 2016 Page 1
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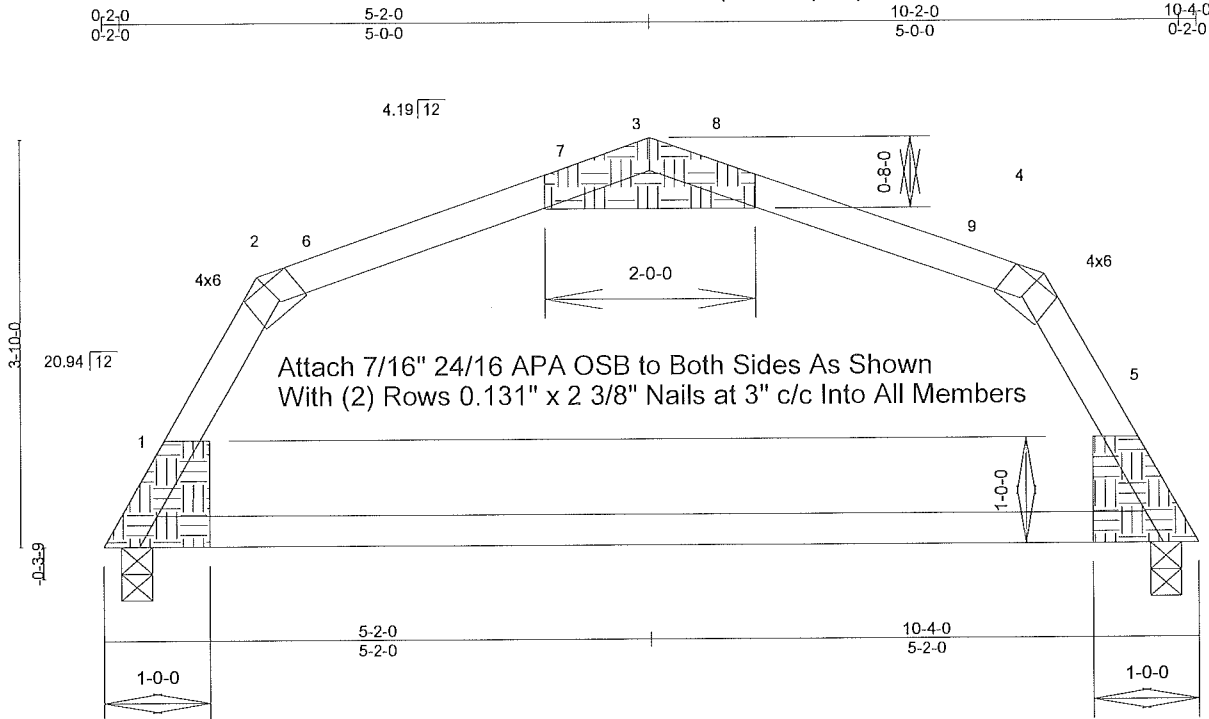


Plate Offsets (X,Y)-- [1:0-3-4,0-2-0], [2:0-0-3,0-1-13], [3:0-2-0,Edge], [4:0-0-3,0-1-13]

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.15	TC 0.77	Vert(LL)	-0.32	1-5	>347	MT20	244/190
TCDL 15.0	Lumber DOL	1.15	BC 0.89	Vert(TL)	-0.54	1-5	>209		
BCLL 20.0 *	Rep Stress Incr	YES	WB 0.00	Horz(TL)	0.01	5	n/a		
BCDL 10.0	Code FBC2014/TPI2007		Matrix-R						
								Weight: 35 lb	FT = 20%

LUMBER-
 TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.2

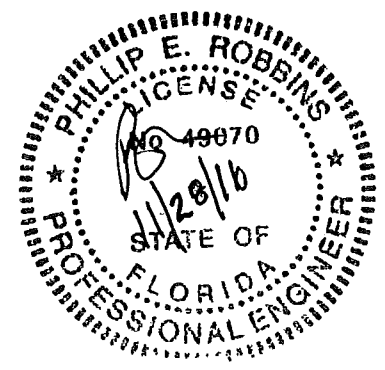
BRACING-
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 1=422/0-3-8 (min. 0-1-8), 5=422/0-3-8 (min. 0-1-8)
 Max Horz 1=241(LC 11)
 Max Uplift 1=-377(LC 12), 5=-377(LC 12)
 Max Grav 1=515(LC 2), 5=515(LC 2)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-449/597, 4-5=-449/597, 2-6=-450/570, 6-7=-431/577, 3-7=-418/583, 3-8=-418/583, 8-9=-431/577, 4-9=-450/570
 BOT CHORD 1-5=-168/293

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=181mph (3-second gust) Vasd=140mph; HVHZ; TCCL=6.0psf; BCDL=3.0psf; h=35ft; B=45ft; L=10ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-5-13 to 4-6-12, Interior(1) 4-6-12 to 5-2-0, Exterior(2) 5-2-0 to 9-10-3 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
 - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - 5) One RT4 USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 1 and 5. This connection is for uplift only and does not consider lateral forces.
- LOAD CASE(S) Standard



Best Barns model:
Meadowbrook / Woodville
10ft. wide x ____ft. long

Manufactured by:
Reynolds Building Systems, Inc.
205 Arlington Drive
Greenville, PA 16125
phone: 800-245-1577
fax: 724-646-0772

Truss & Wall Cross Section

Top of wall inclusive of wall framing, loft floor, floor joists, joist header and truss cross sections.

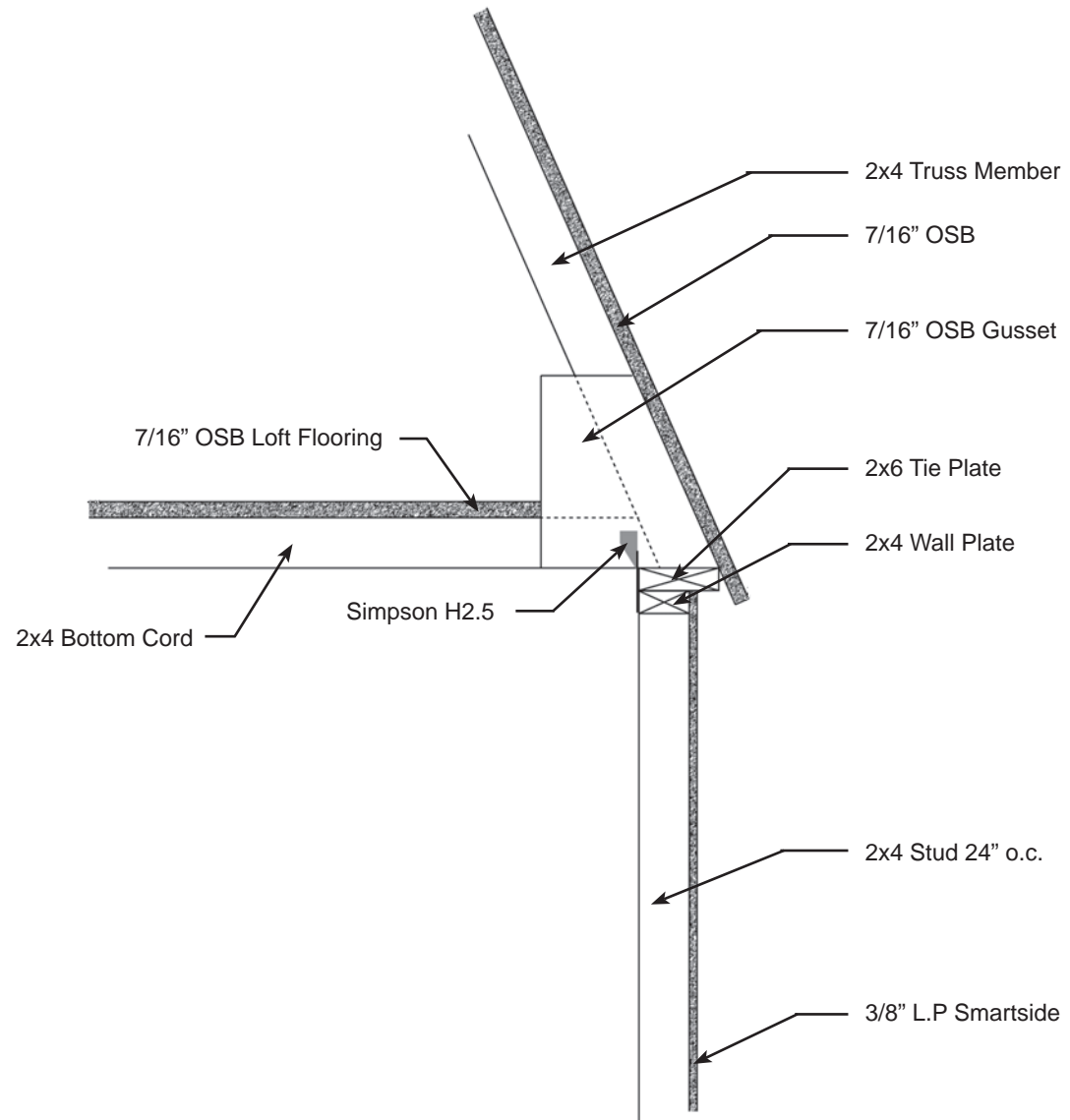
Drawing not to scale.

Instructions:

Homeowner may provide additional information as appropriate.

Notes:

Refer to installation manual for further detail.



Site Plan for:

Manufactured by:
Reynolds Building Systems, Inc.
205 Arlington Drive
Greenville, PA 16125
phone: 800-245-1577
fax: 724-646-0772

Instructions:

Draw property line, existing structures and proposed placement of building.

Homeowner may also be required to show trees and shrubs. Check with HOA or permit office for requirements.

