Obtaining a permit for a Best Barns shed or garage kit

*Do-it-Yourself kits from Best Barns are designed for use as storage buildings or garages only. Use for any other purposes is neither implied nor inferred.**

Building code offices and HOA's may require additional documents to obtain a permit. The homeowner's 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.

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

*Any alteration to the construction of Best Barns sheds or garages may require the services of a civil engineer to meet local building codes. Best Barns cannot provide these additional services.

** Engineered truss drawings stamped for your individual state can be obtained upon request. Some models do not have wind and snow load ratings. A non refundable fee will be required to purchase stamped drawings. 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 homeowner's responsibility to obtain from an engineer within the state of build location and are not included in the purchase of a shed or garage kit.

EACH PLATE F ESR-270 COL	6" ON DN AS 1855 3" FACE PER	TACH ⁷ / ₆ " STRUCTURAL OSB N BOTH SIDES WITH (2) OWS OF #12 X 2" SCREWS @ C/C INTO ALL MEMBERS		
-1-074	1	2'-0"	-	
				1010
DESIGN CRITERIA		DESIGN DETAILS		CLIENT
INTERNATIONAL BUILDING CODE (IBC 2015, IBC 2018, IBC 2021) DES		A - TOP CHORD B - BOTTOM CHORD	2X4	
	GIGN CRITERIA .	C - WEB		00
DEAD LOAD (D):		D - COLLAR-TIE		
ROOF COLLATERAL DEAD LOAD	2.5 PSF	SPACING	24" C/C	
LIVE LOAD (Lr):		WOOD MATERIAL	SPF NO. 2	1 mile (1997)
ROOF LIVE LOAD	20 PSF	MAX. UNBRACED LENGTH OF TOP CHORD	5'-11 7 "	IIIE
SNOW LOAD (S):		DEAD LOAD DEFLECTION	L / 180	
GROUND SNOW LOAD	40 PSF	LIVE LOAD DEFLECTION	L / 240	
SNOW LOAD IMPORTANCE FACTOR (Is) EXPOSURE FACTOR (Ce)	1.0 1.0	DEAD + LIVE LOAD DEFLECTION	L / 180	3
THERMAL FACTOR (Ct) GOVERNING ROOF SNOW LOAD	1.0 28 PSF	UPLIFT REACTION AT CONN. TO WALL (LBF)	44	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
UNBALANCED SNOW LOAD	40 PSF	LATERAL REACTION AT CONN. TO WALL (LBF)	208	
	40131	BEARING REACTION AT CONN. TO WALL (LBF)	355	SIATE: V.V
				1 million
WIND (W):		WOOD DESIGN NOTES:		12
WIND (W): ANALYSIS PROCEDURE: BASIC WIND SPEED:	ASCE 7-10 / ASCE 7-16 115 MPH	WOOD DESIGN NOTES: C _D - LOAD DURATION FACTOR FOR WIND	1.6	
WIND (W): ANALYSIS PROCEDURE:			1.6	
WIND (W): ANALYSIS PROCEDURE: BASIC WIND SPEED: EXPOSURE CATEGORY:	115 MPH	C _D - LOAD DURATION FACTOR FOR WIND		
WIND (W): ANALYSIS PROCEDURE: BASIC WIND SPEED: EXPOSURE CATEGORY: LOAD COMBINATIONS: 1.0 D	115 MPH	C_D - LOAD DURATION FACTOR FOR WIND C_D - LOAD DURATION FACTOR FOR SNOW	1.15	
WIND (W): ANALYSIS PROCEDURE: BASIC WIND SPEED: EXPOSURE CATEGORY: LOAD COMBINATIONS: 1.0 D 1.0 D + 1.0 L 1.0 D + 1.0 (Lr or S)	115 MPH	C _D - LOAD DURATION FACTOR FOR WIND C _D - LOAD DURATION FACTOR FOR SNOW C _M - MOISTURE CONTENT	1.15 1.0	DATE:
WIND (W): ANALYSIS PROCEDURE: BASIC WIND SPEED: EXPOSURE CATEGORY: LOAD COMBINATIONS: 1.0 D 1.0 D + 1.0 L	115 MPH	C _D - LOAD DURATION FACTOR FOR WIND C _D - LOAD DURATION FACTOR FOR SNOW C _M - MOISTURE CONTENT	1.15 1.0	1. C



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

Wall Framing: Constructed from 2x4 pre-cut wall studs spaced 24" o.c. Bottom plate, top and tie plate. Door Header is a 2x10.

2nd Loft Floor: Loft floor on each end with a 4' wide access opening between loft sections. A 42" x 36" high loft door opening on front gable.

Siding: Louisianna-Pacific '*SmartPanel'* 8" o.c. groove, primed ready to paint



Roof System: 2x4 trusses spaced 24" on center. 7/16" OSB roof sheathing. *Shingles by owner*.

Exterior Trim: White pine door jamb, trim for door opening, gable trim and sidewall fascia.

Garage Door: By Owner.

Floor: Sold optionally.

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

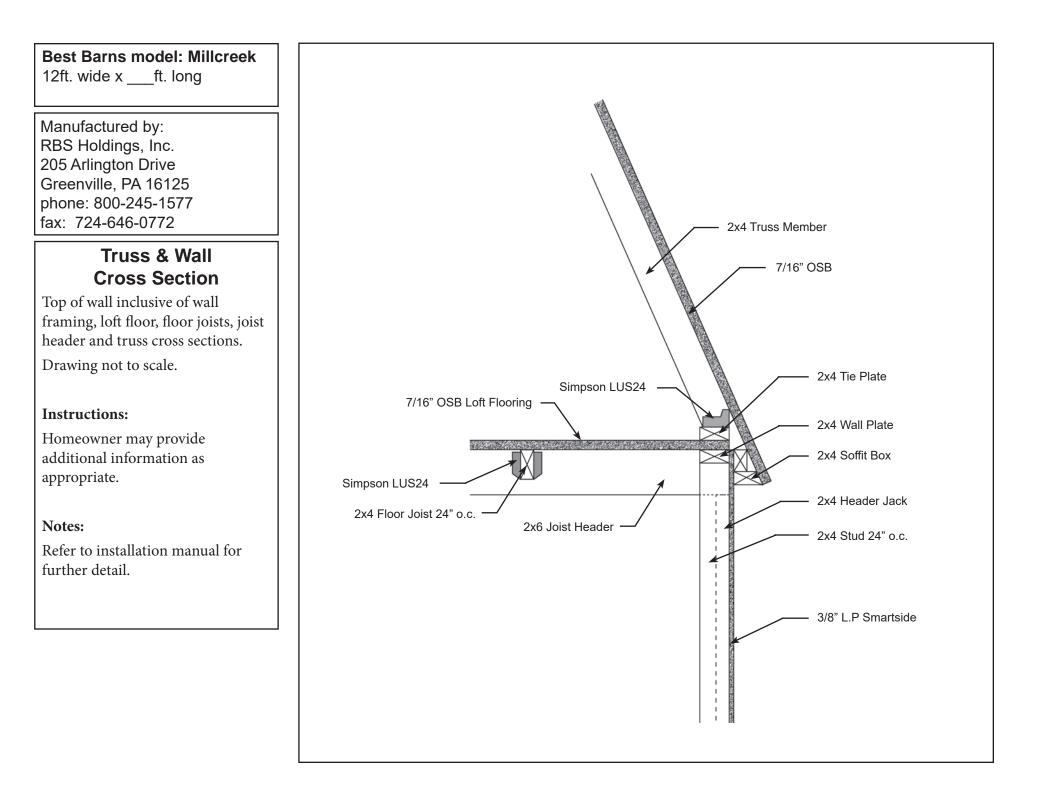
Optional Sturdy-built Floor System:

2x4 treated floor joist spaced 12" on center covered with 3/4" plywood, *not treated*, installed over 4x4 treated runners. Galvanized door sill and nails are included. Material is not pre-cut.

*	12'x16' Foundation Size	12'-0" x 16'-0"
	12'x20' Foundation Size	12'-0" x 20'-0"

a division of RBS Holdings, Inc. 205 Arlington Drive, Greenville, PA 16125

Best Barns model: **Concrete Slab** Wood Floor _ft. wide x ____ft. long 2x4 Studs 24" o.c. Manufactured by: 3/8" L.P. Smartside 3/8" L.P. Smartside **RBS** Holdings, Inc. 2x4 Studs 24" o.c. 205 Arlington Drive Greenville, PA 16125 2x4 KD Plate phone: 800-245-1577 __ ga Wire Mesh fax: 724-646-0772 " Thick Cement -2x4 Plate **Common Foundation** 2x4 PT Joist Header **Cross Sections** Depth 3/4" Plywood This document illustrates common " Deep Gravel foundation types which can be used for construction of Best Barns 2x4 PT Joists 16" o.c. __ ga Rebar 12 ft. wide structures. Alteration 4x4 PT Timber may be necessary to conform to homeowners intended use and or permitting requirements. **Homeowner Design** Drawings not to scale. **Instructions:** Check appropriate foundation cross section and provide specifications as necessary. Homeowner may also design and draw in space provided for custom foundation type.



Site Plan for:

Manufactured by: RBS Holdings, 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 shubs. Check with HOA or permit office for requirements.