

LITTLE BARN STORAGE UNIT

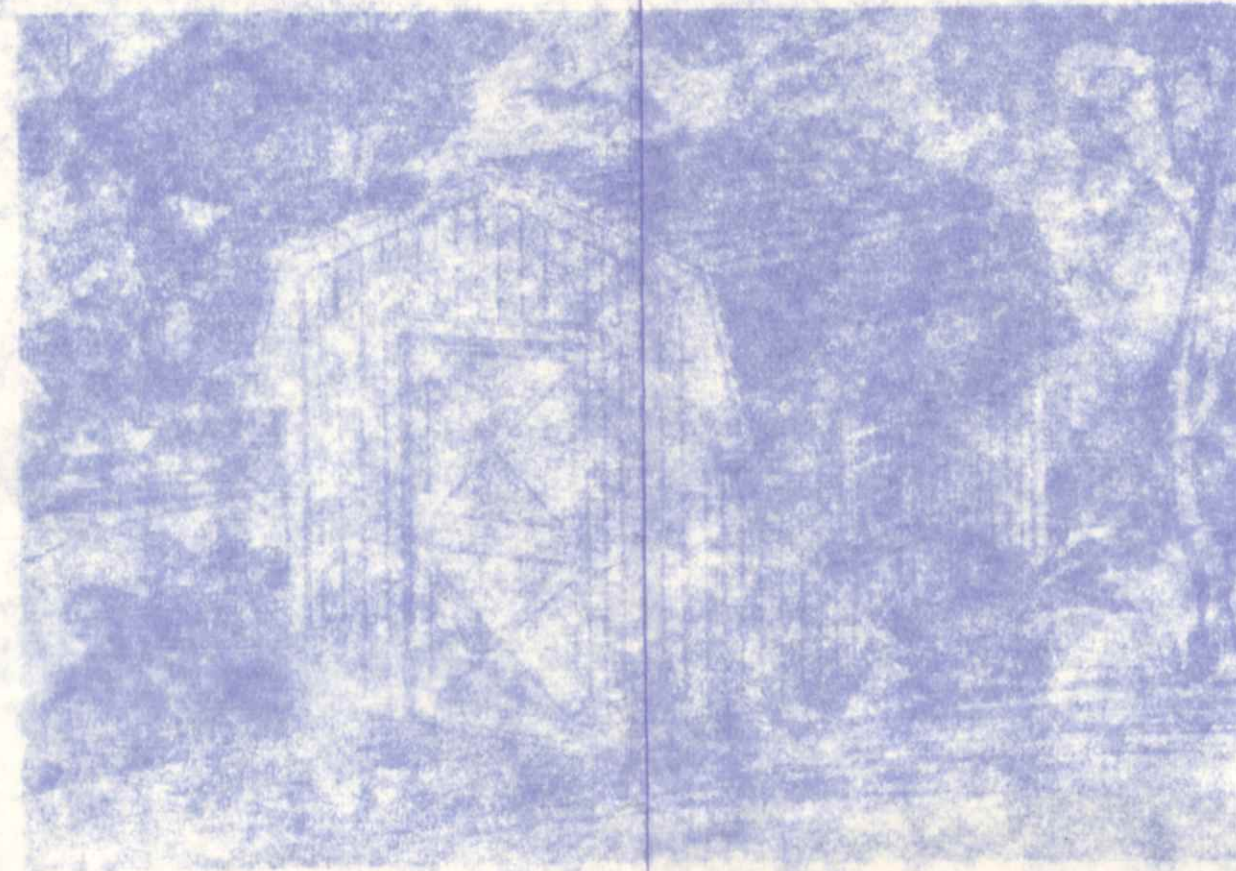
DESIGN NO. P-2001

Instructions

The "Little Barn" has been designed to set on a wood base or a concrete slab base. If your "Little Barn" is to set on a concrete slab, you must omit the lumber listed for the wood base system when ordering your material.

Before starting construction study the plan and instructions carefully.

1. On level ground position the 4"x6" skid. (It is suggested that you dig a 2" wide x 4" deep trench under each skid located along the trench with gravel.)
2. Position the 2"x6" floor joists on the skid and nail to skid with the 2"x6" box sill on each side using 16 penny nails.
3. Cover the floor framing with 3/4" plywood on top using 8 penny nails 6" o.c. at edges and 12" o.c. or intermediate. (NOTE: Make sure that your deck is in place you have a good working space on which to work. It is suggested that you cut a 2' x 2' hole in the deck and the seven roof trusses on the deck, moving each truss to the 2' x 2' hole when completed.)
4. Assemble the four wall panels using pre-cut 2"x4" studs, 2"x4" top and bottom plates. Follow the wall panel elevations shown on Sheet #2. Nail through the top and bottom plates to the 2"x6" stud using two 16 penny nails per stud top and bottom. (NOTE: do not attach 2"x4" tie plate to panels.)
5. Assemble the seven roof trusses using the pre-cut 2"x4" studs, 2"x4" gables ties and 1"x4" cleats using three 8 penny nails per stud, gable tie and cleat.
6. Lift wall panels up into place starting with a side wall. Make sure walls are plumb and square. Secure wall panel to the roof trusses (brace as necessary).
7. Following the same procedure, set front and rear partition walls followed by the other side partition.
8. Add the 2"x4" tie plates to top of front and rear walls, passing them over side walls. Attach tie plate to top of side walls with 16 penny nails.
9. Attach wood siding to all walls using 8 penny nails 6" o.c. at edges and 12" o.c. along intermediate studs.
10. Cut mini rafters and nail them in line with roof trusses with 3-10 penny nail.
11. Apply plywood sheathing to roof using 6 penny nails.
12. Install garage single unit window.
13. Attach 1"x6" soffit, gable fascia, 1"x4" corner boards and door trim.
14. Cover roof area with 15" roofing felt and apply asphalt shingles following manufacturer's instructions.
15. Apply 1"x4" trim boards to door and hang door. Caulk and nail 1"x4" to door.
16. Paint or stain siding and trim as desired.



Little Barn Storage Unit Material List

Material for Wood Floor

2 Pcs.	4x6-12'	Skid (Treated)	48 Bd. Ft.
7 Pcs.	2x6-8'	Floor Joists	56 Bd. Ft.
2 Pcs.	2x6-12'	Box Sill	24 Bd. Ft.
3 Pcs.	4'x8'x3/4"	C-D Exterior Plywood Floor	76 Sq. Ft.

Material for Concrete Floor

2 Cu. Yds.		Concrete 1-3-5 Mix	
12	1/2"x10"	Anchor Bolts with Washers and Nuts	
3 Cu. Yd.		Gravel Base	

Material for Wall and Roof

26 Pcs.	2x4-7'	Wall Studs	138 Bd. Ft.
6 Pcs.	2x4-12'	Wall Plate	48 Bd. Ft.
6 Pcs.	2x4-8'	Wall Plate	32 Bd. Ft.
11 Pcs.	4'x8'-5/8"	Plywood Siding Vertical Grooves 8" o.c.	352 Sq. Ft.
7 Pcs.	2x4-8'	Rafters	37 Bd. Ft.
8 Pcs.	1x4-8'	Rafter Tie & Cleats	21 Bd. Ft.
2 Pcs.	2x6-14'	Mini Rafters	28 Bd. Ft.
2 Pcs.	1x4-10'	Gable Fascia	7 Bd. Ft.
1 Pcs.	1x10-8'	Gable Fascia	7 Bd. Ft.
2 Pcs.	1x6-12'	Soffit	17 Bd. Ft.
8 Pcs.	1x4-6'	Corner Board Trim	16 Bd. Ft.
5 Pcs.	4'x8'-1/2"	Plywood Roof Sheathing	160 Sq. Ft.
160 Sq. Ft.		Asphalt Roof Shingles	
1 Roll	15"	Roofing Felt	
1	17'-10"x2'-7 1/2"	R.O. Slip Head Garage Type Sash Unit	
1	2'-0"x6'-8"-1 3/8"	Exterior Flush Door	
10 Pcs.	1x4-8'	Door Jamb & Trim	27 Bd. Ft.
18 L.F.		Door Stop	

Miscellaneous, nails, hardware and finish material.



INSIDE LINE OF STUDS

TRACE TEMPLATE
ON 2x4 RAFTERS

full scale

NATIONAL PLAN SERVICE, INC.

This plan has been prepared to meet professional standards of construction. A careful study of plan instructions and dimensions is advised before starting work.	SHEET NO.	1
	TOTAL	2

PROJECT PLAN NO. P 2001