Large Dog House Plan

MARCH 2015 Revision
Large Dog House
General Dimensions

(These dimensions are not intended for cutting parts)
Large Dog House - MATERIALS LIST

(3) - SHEETS OF ½" X 4' X 8' FIR EXTERIOR (CDX) PLYWOOD

(1) - 4" X 4" X 20" PRESSURE TREATED TREAT POST (20" FOR 1 DOG HOUSE)

(3) - 2" X 4" X 8' FIR STUDS

(2) - 2" X 2" X 8' FIRRING STRIPS

(1) - 4' X 4' X 8' 1-½" RIGID FOAM BOARD INSULATION (ONE SHEET IS ENOUGH FOR 2 LARGE DOG HOUSES)

(1) - ROLL ROOFING FELT CUT 39 ½" X 8' (ONE 4' X 100' ROLL ENOUGH FOR 14 LARGE DOG HOUSES)

(58) - 1-⅝" FLATHEAD EXTERIOR WOOD SCREWS

(12) - 3-½" FLATHEAD EXTERIOR WOOD SCREWS
# PARTS LIST - LARGE DOG HOUSE

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ALL MEASUREMENTS ARE IN INCHES
EXPLODED ASSEMBLY - LARGE DOG HOUSE

- Roof
- Roof Extension
- 2x2 Base Framing
- Bottom Panels
- Rear Panel
- Corner Nailing Cleats
- Side Panel
- Front Panel
- 4x4 Pressure Treated Corner Feet
- 2x2 Base Framing
LARGE DOG HOUSE

Layout #1 for Cutting 4' X 8' X \(\frac{1}{2}\)\text{ in.} Plywood

Extra Piece for 2nd large dog house
LARGE DOG HOUSE

Layout #2 for Cutting 4' X 8' X $\frac{1}{2}''$ Plywood

[Diagram showing dimensions and layout]
LARGE DOG HOUSE

Layout #3 for Cutting 4’ X 8’ X \(\frac{1}{2}\)" Plywood

Diagram of the layout with dimensions and labels:
- \(9\frac{1}{2}\)" height
- \(38\frac{1}{2}\)" to \(37\)" width
- \(67\)" length
- \(27\)" length
- \(94\)" length

Labels:
- Save Waste
- D
- B

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LARGE DOG HOUSE

2" X 4" X 8' furring strips (2 pieces)

Layout #3  2" X 4" X 8' Studs (3 pieces)

2x2  ①

2x2  ②

2x4  ③

2x4  ④

2x4  ⑤

Waste material can be used for lattice fence or dog houses.
LARGE DOG HOUSE SIDE PANEL ASSEMBLY

All panels are made from 1/2” plywood

2 X 4 Corner Cleats
Three 1-5/8 screws per corner cleat.

Left Panel (inside view)

Right Panel (inside view)

Left Panel (outside view)

Right Panel (outside view)
LARGE DOG HOUSE
FRONT AND REAR PANELS
All panels are made from 1/2" plywood
LARGE DOG HOUSE ROOF ASSEMBLY

Roof Top With Rafters

Roof panel is attached to the rafters using (7) 1/8 screws on each long rafter and 4 on the center support.

Note: The roll roofing material will extend 1/2" past the edges of the sides and 1" on the front and the back.

top view

side view

front view
LARGE DOG HOUSE
FLOOR FRAME ASSEMBLY

Use 1-5/8 exterior wood screws to assemble

Assembly Sequence
1. Attach the frame (parts G and H) to one piece of floor bottom (F) using 1 5/8" exterior screws,
2. Attach all 4 feet using 3 - 3 1/2" exterior screws per foot piece (M) to the partially assembled frame,
3. Install the insulation, placing it inside the frame,
4. Attach the top piece (F) to the frame pieces (G and H), sealing in the insulation and completing the assembly.

1 Inch inset from both edges

33

36

48

2 1/2

1 1/2 rigid foam board insulation cut to 33" X 45" with the faced side to the floor placed inside frame.

4 - Pressure treated 4 x 4 feet 5" long

2 1/16 plywood top and bottom
LARGE DOG HOUSE - COMPLETE ASSEMBLY

Top view

Side View

Front view

2 X 2 Framed Base with 1/8" plywood top and bottom

Open Air Space

Front Corner cleats

Pressure treated 4 X 4 feet cut 5' long

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