Medium Dog House Plan
MEDIUM DOG HOUSE

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Medium Dog House

General Dimensions

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

(3) - SHEETS OF \( \frac{1}{2}'' \) X 4' X 8' FIR EXTERIOR (CDX) PLYWOOD

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

(2) - 2'' X 2'' X 8' FURRING STRIPS

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

(1) - 4' X 4' X 8' 1-\( \frac{1}{2}'' \) RIGID FOAM BOARD INSULATION
  (ONE SHEET IS ENOUGH FOR 4 MEDIUM DOG HOUSES)

(1) - ROLL ROOFING FELT CUT 39 \( \frac{1}{2}'' \) X 62'' (ONE 100' ROLL ENOUGH FOR 19 MEDIUM DOG HOUSES)

(45) - 1-\( \frac{5}{8}'' \) FLATHEAD EXTERIOR WOOD SCREWS

(15) - 3-\( \frac{1}{2}'' \) FLATHEAD EXTERIOR WOOD SCREWS
# | QTY | T | W | L | MATERIAL       | DESCRIPTION                      
---|-----|---|---|---|---------------|----------------------------------
A  | 1   | 1/2 | 37 | 30 | FIR PLYWOOD  | FRONT PANEL                     
B  | 1   | 1/2 | 37 | 25 | FIR PLYWOOD  | REAR PANEL                      
C  | 2   | 1/2 | 36 | 25-30 | FIR PLYWOOD | RIGHT AND LEFT PANELS           
D  | 1   | 1/2 | 38 1/2 | 60 | FIR PLYWOOD | ROOF PANEL                      
E  | 2   | 1/2 | 36 | 36 | FIR PLYWOOD  | FLOOR TOP & BOTTOM              
F  | 2   | 2   | 2  | 36 | FURRING STRIP  | FLOOR FRAME SIDES               
G  | 2   | 2   | 2  | 33 | FURRING STRIP  | FLOOR FRAME FRONT & REAR        
H  | 2   | 2   | 4  | 57 | FIR STUDS     | RAFTERS                         
I  | 1   | 2   | 4  | 33 | FIR STUD      | MIDDLE RAFTER                   
J  | 1   | 2   | 4  | 14-17 | FIR STUD     | REAR CORNER CLEATS              
K  | 2   | 2   | 4  | 20-22 | FIR STUD     | FRONT CORNER CLEATS             
L  | 2   | 2   | 4  | 20  | PRESSURE TREATED 4 X 4 | FRAME FEET (MAKES FOUR FEET 5" LONG) 
M  | 1   | 4   | 4  | 20  | PRESSURE TREATED 4 X 4 | FRAME FEET (MAKES FOUR FEET 5" LONG) 

ALL MEASUREMENTS ARE IN INCHES

NOTE: There is no part E

* THESE ARE ACCEPTABLE RANGES FOR BETTER UTILIZING MATERIALS WHEN MAKING MULTIPLE DOG HOUSES.
EXPLODED ASSEMBLY - MEDIUM DOG HOUSE
MEDIUM DOG HOUSE

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

[Diagram showing dimensions and layout for cutting plywood]
MEDIUM DOG HOUSE

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

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

Save Waste

Future Use
MEDIUM DOG HOUSE

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

Note: The pieces for the base frame do not have to be cut from one solid piece, but can be made by combining two or more pieces to meet the required dimensions when making multiple dog houses. Save all the leftover materials for future dog houses construction projects.
MEDIUM DOG HOUSE SIDE PANEL ASSEMBLY

All panels are made from 1/2" plywood

2 X 4 Corner Cleats
Two 1-5/8 screws per corner cleat.
MEDIUM DOG HOUSE
FRONT AND REAR PANELS

All panels are made from 1/2" plywood

Front panel

Rear panel
MEDIUM DOG HOUSE ROOF ASSEMBLY

Roof Top With Rafters

Roof panel is attached to the rafters using (5) 1 5/8 screws on each long rafter and 3 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.

Use (3) 3 - 1/4" screws to attach the center rafter. Put 2 in on one end and 1 on the other.
**MEDIUM DOG HOUSE**
**FLOOR FRAME ASSEMBLY**

Use 1-5/8 exterior wood screws to assemble.

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.

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

Assembly Sequence

4 X 4 feet 5" long

1 Inch inset from both edges
MEDIUM DOG HOUSE - COMPLETE ASSEMBLY

Top view

Side View

Front view

2 X 2 framed base with ½" plywood top and bottom

Front corner cleats

Open Air Space

Pressure treated 4 X 4 feet cut 5" long

JUNE 2012 Revision