

Medium Dog House Plan

JUNE 2012 Revision

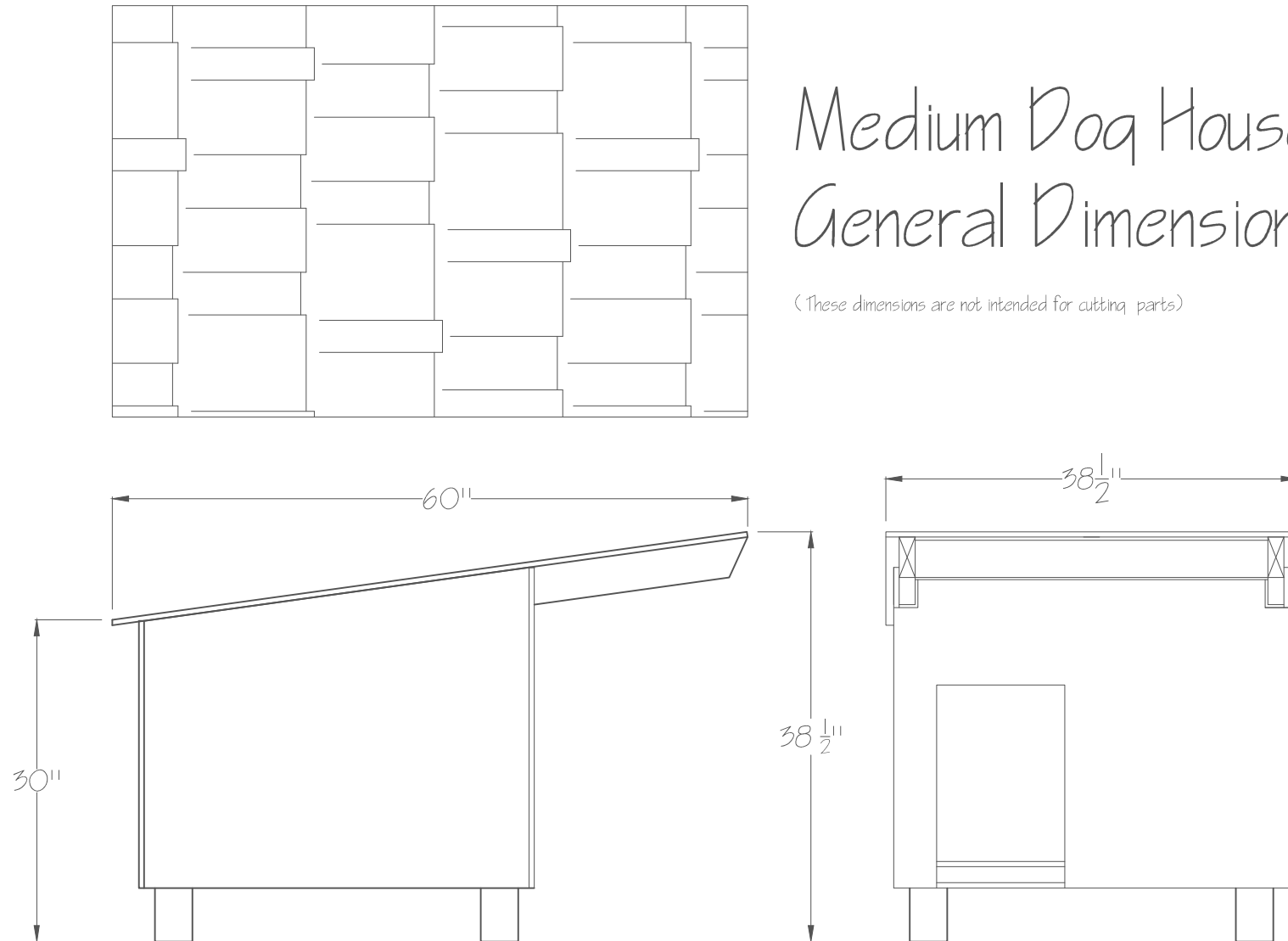
MEDIUM DOG HOUSE

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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

PARTS LIST- MEDIUM DOG HOUSE



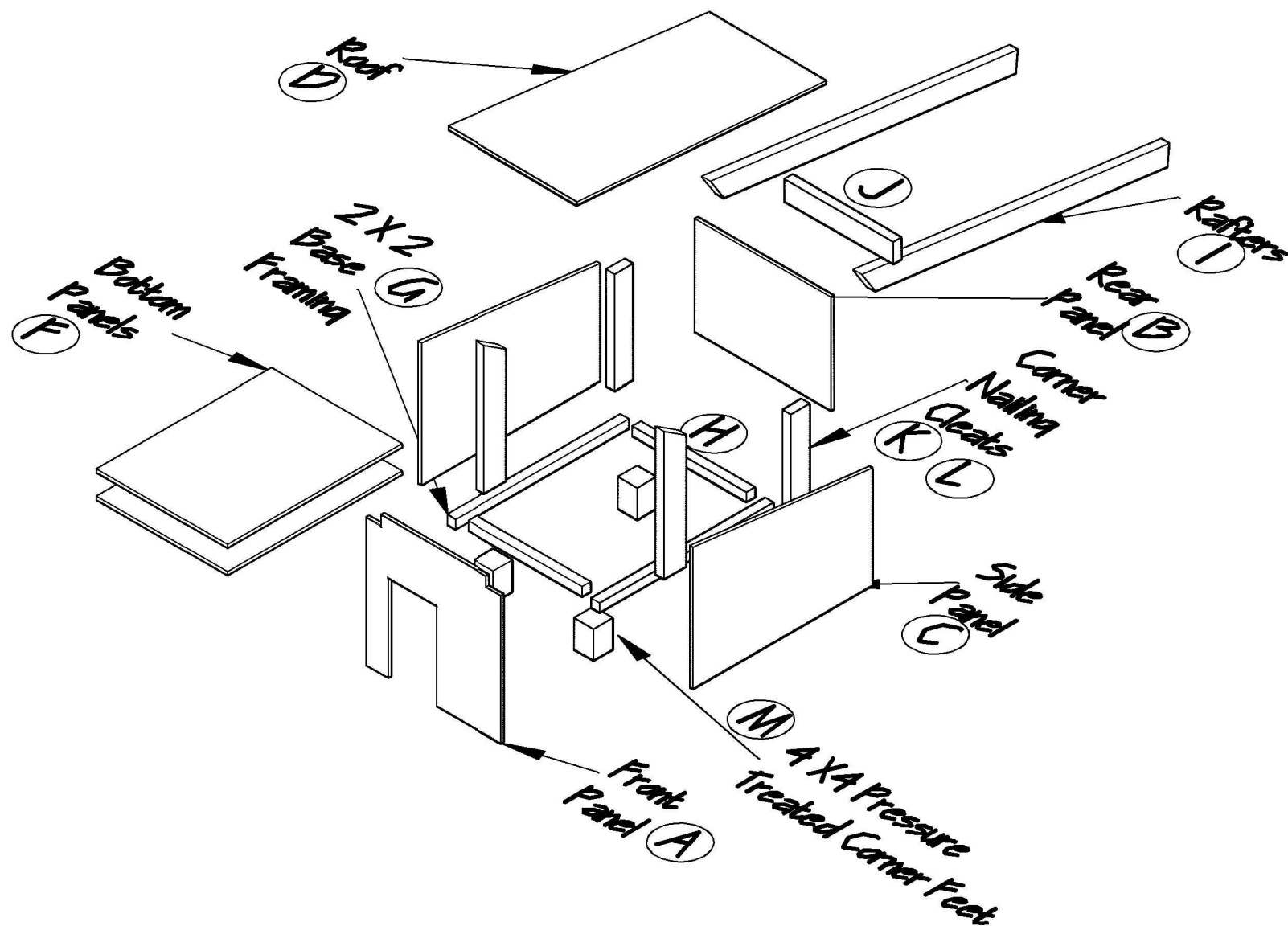
#	QTY	T	W	L	MATERIAL	DESCRIPTION
(A)	1	1/2	37	30	FIR PLYWOOD	FRONT PANEL
(B)	1	1/2	37	25	FIR PLYWOOD	REAR PANEL
(C)	2	1/2	36	25-30	FIR PLYWOOD	RIGHT AND LEFT PANELS
(D)	1	1/2	38 1/2	60	FIR PLYWOOD	ROOF PANEL
(F)	2	1/2	36	36	FIR PLYWOOD	FLOOR TOP & BOTTOM
(G)	2	2	2	36	FURRING STRIP	FLOOR FRAME SIDES
(H)	2	2	2	33	FURRING STRIP	FLOOR FRAME FRONT & REAR
(I)	2	2	4	57	FIR STUDS	RAFTERS
(J)	1	2	4	33	FIR STUD	MIDDLE RAFTER
(K)	2	2	4	*14-17	FIR STUD	REAR CORNER CLEATS
(L)	2	2	4	*20-22	FIR STUD	FRONT CORNER CLEATS
(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.

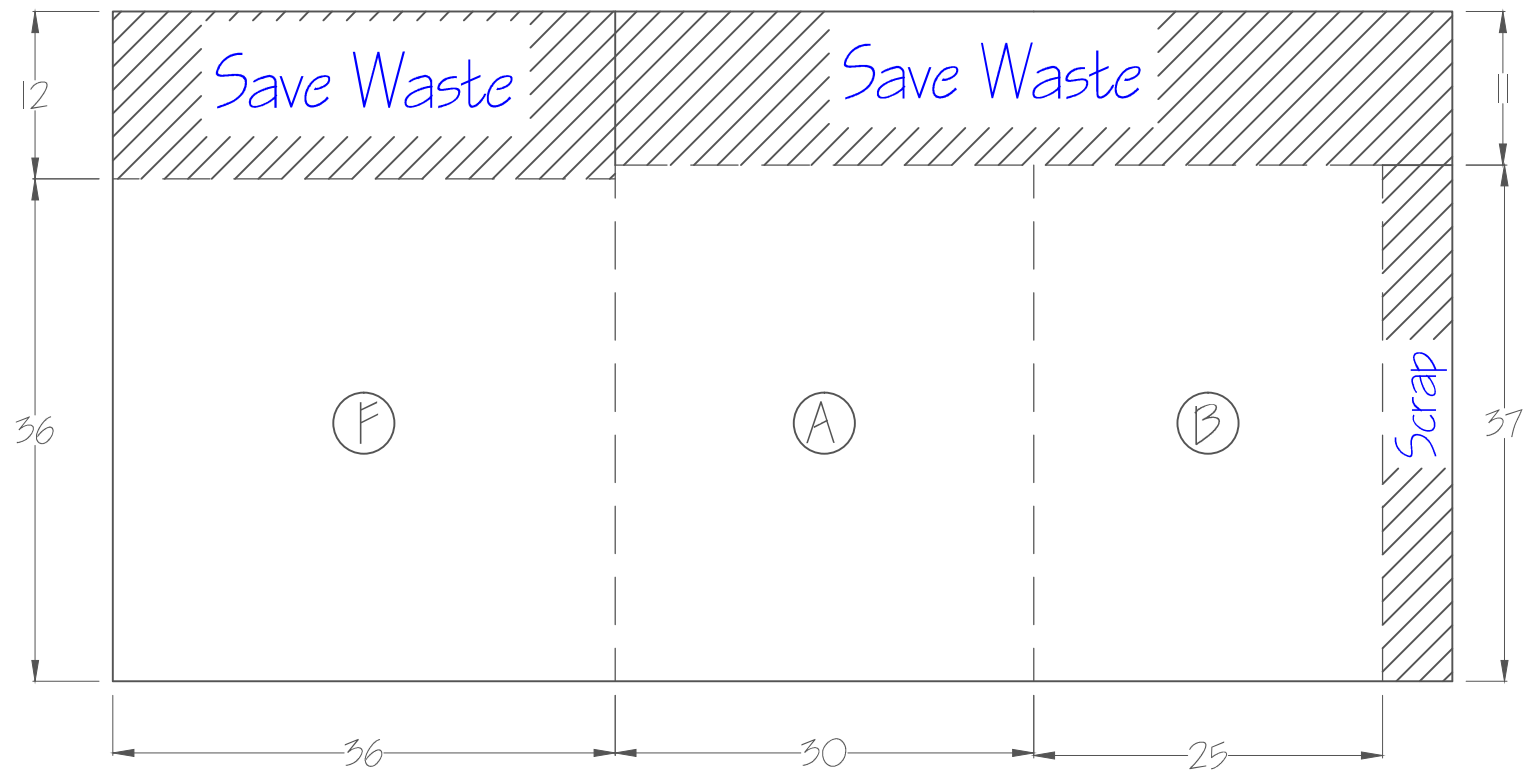
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EXPLODED ASSEMBLY - MEDIUM DOG HOUSE



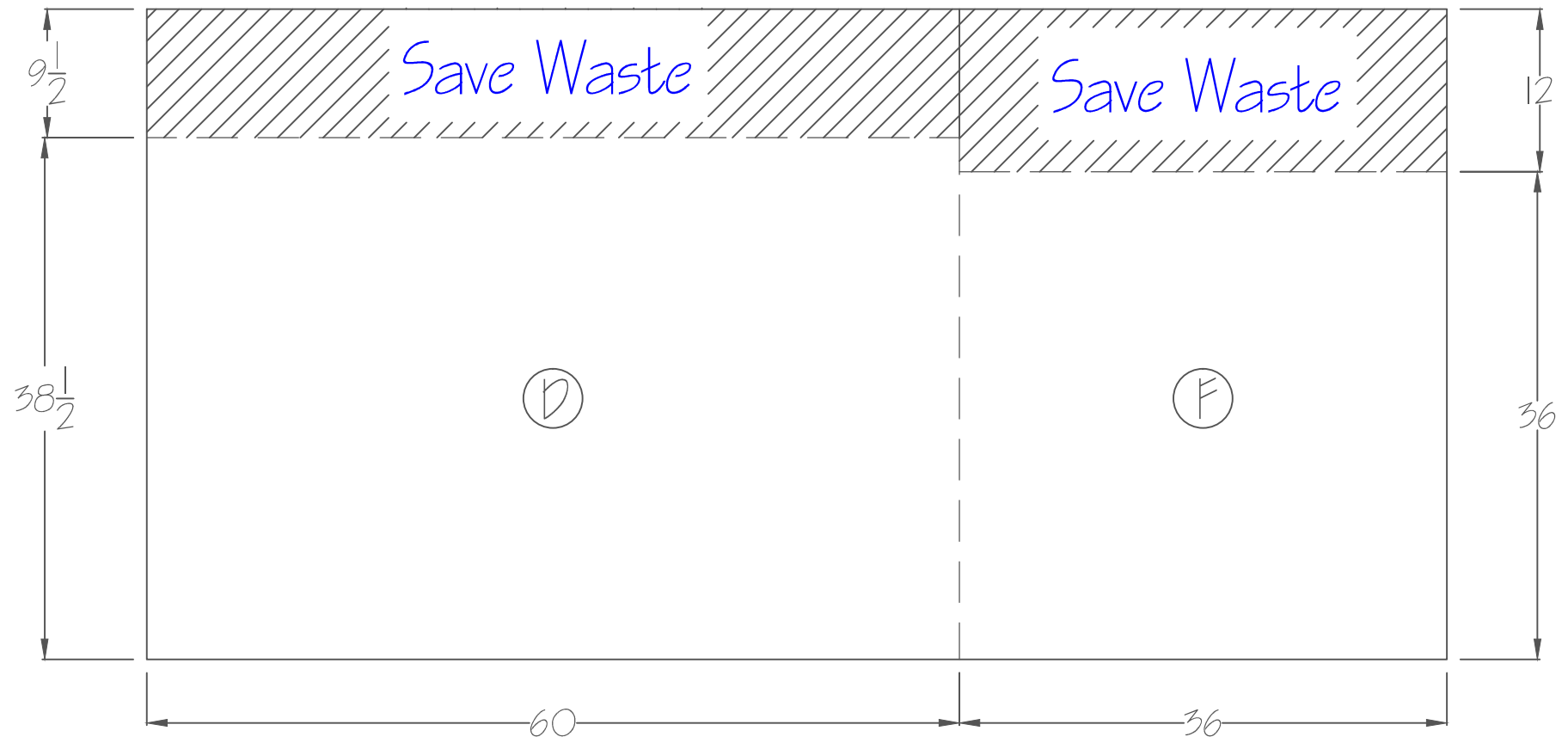
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Layout #1 for Cutting 4' X 8' X $\frac{1}{2}$ " Plywood



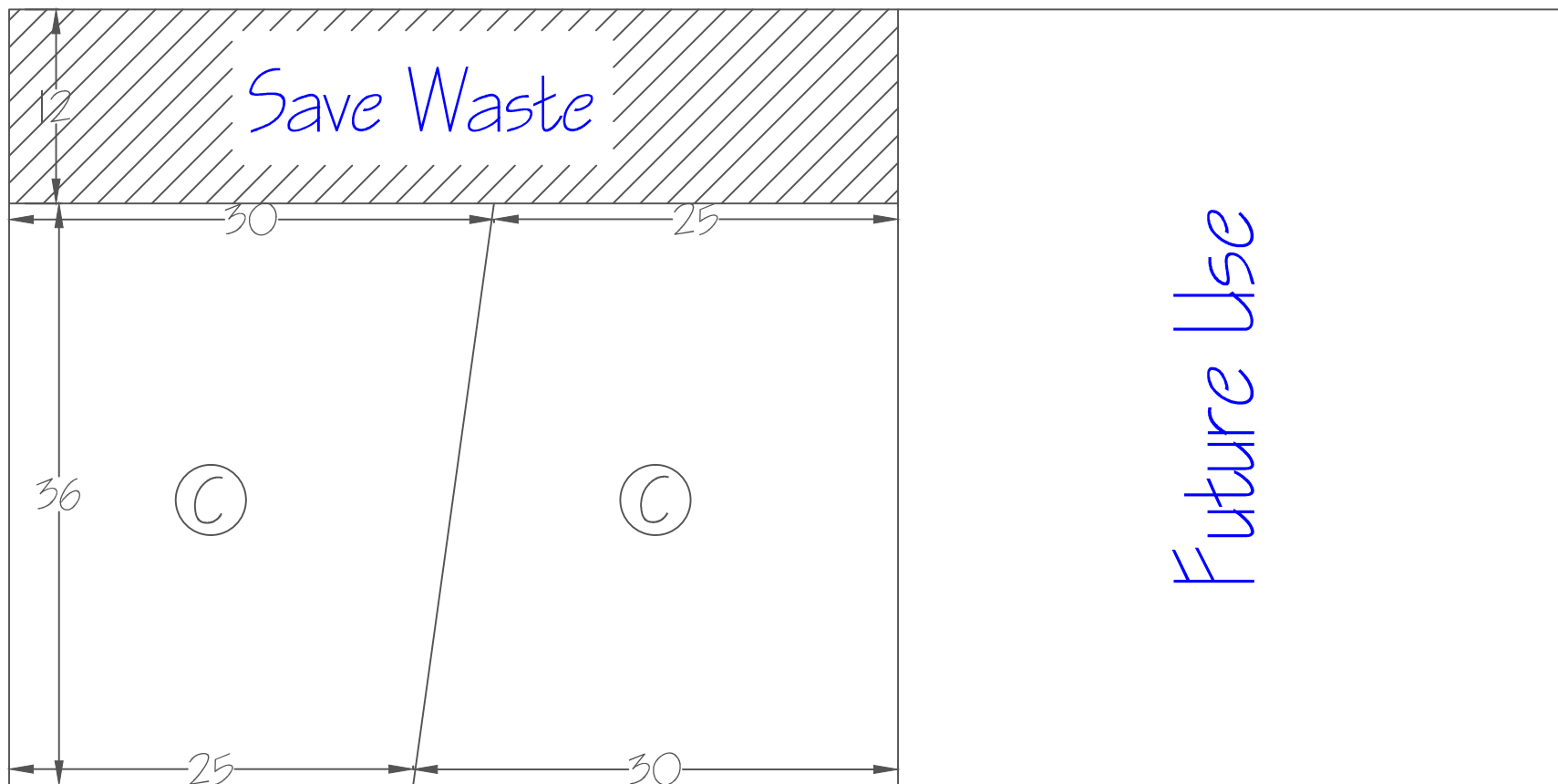
MEDIUM DOG HOUSE

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



MEDIUM DOG HOUSE

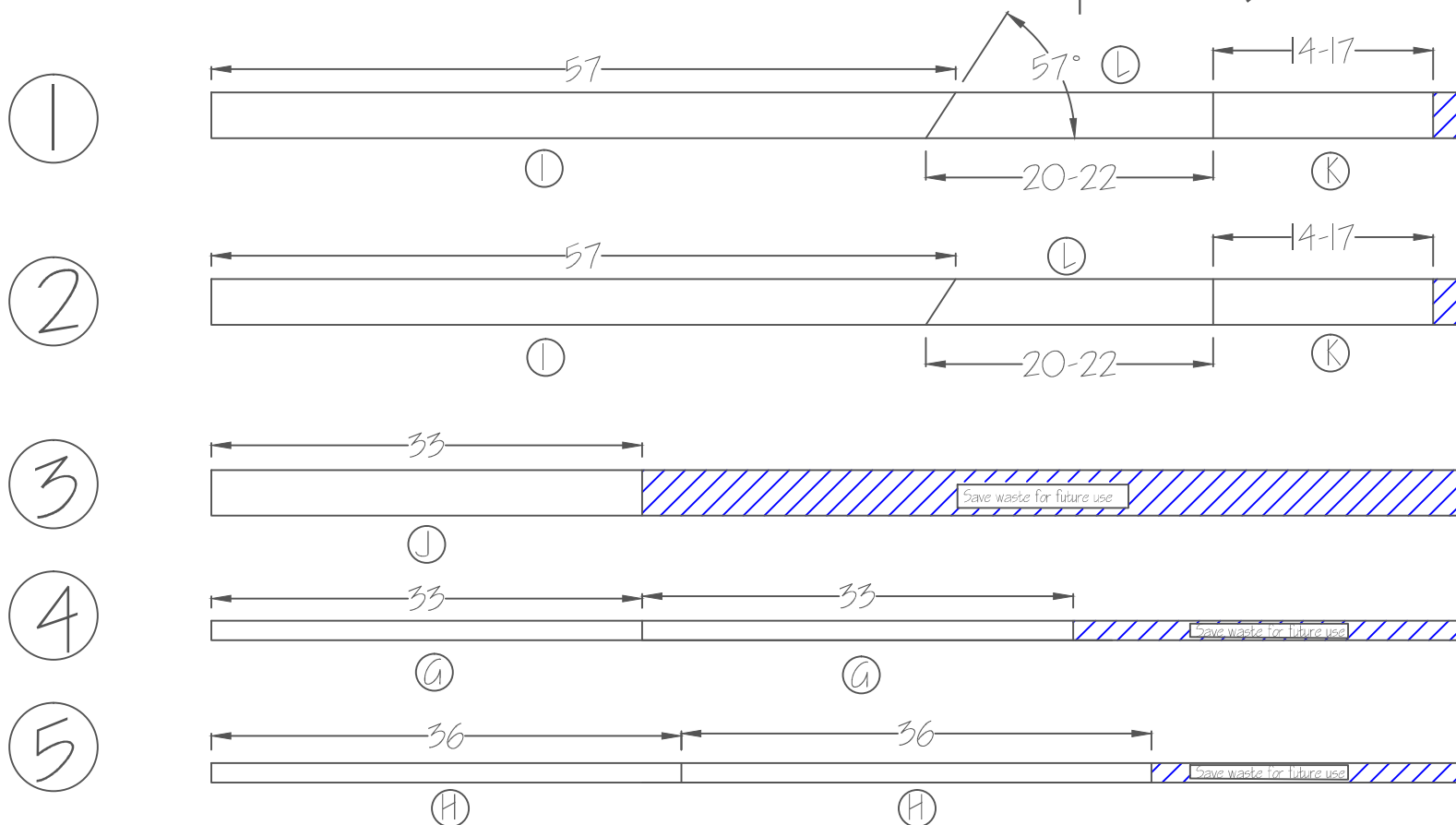
Layout #3 for Cutting 4' X 8' X $\frac{1}{2}$ " Plywood



MEDIUM DOG HOUSE

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

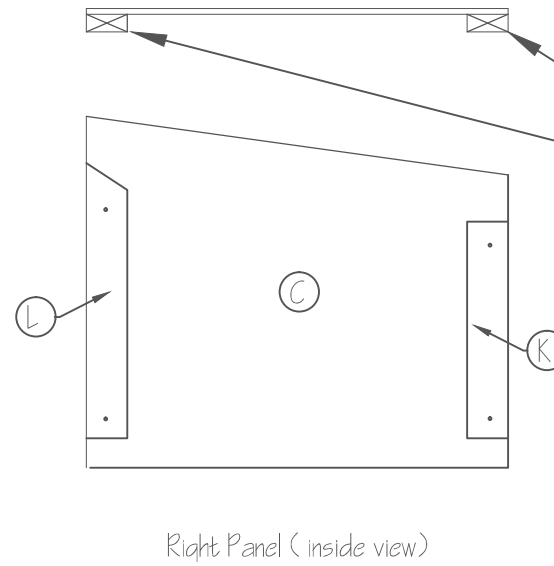
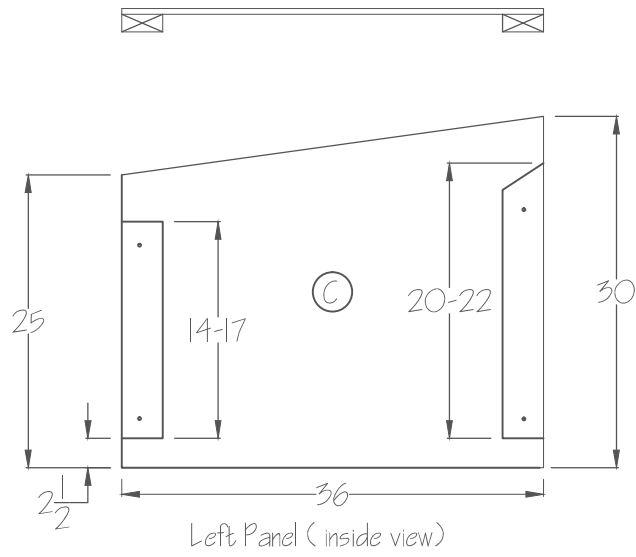
2" X 2" X 8' (2 pieces)



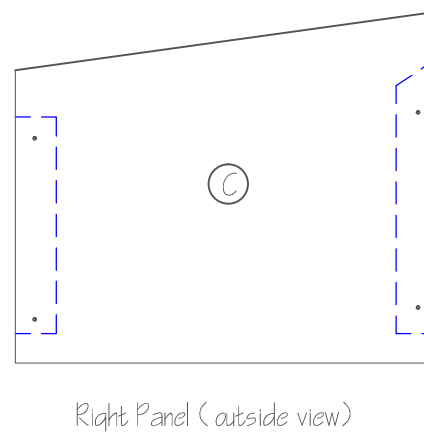
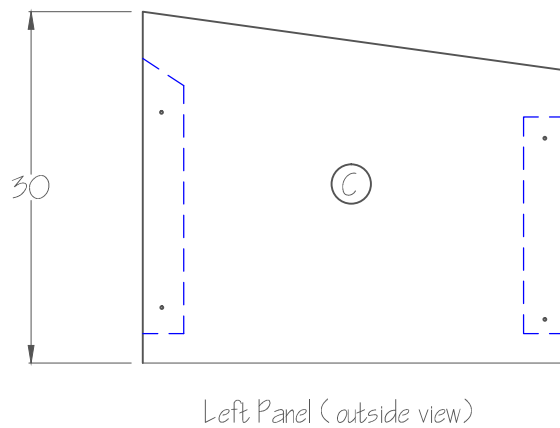
Note: The pieces for the base frame do not have to be cut from one solid piece, but can be made by combining two or more pieces to meet the required dimensions when making multiple dog houses.
Save all the leftover materials for future dog houses construction projects.

MEDIUM DOG HOUSE SIDE PANEL ASSEMBLY

All panels are made from 1/2" plywood

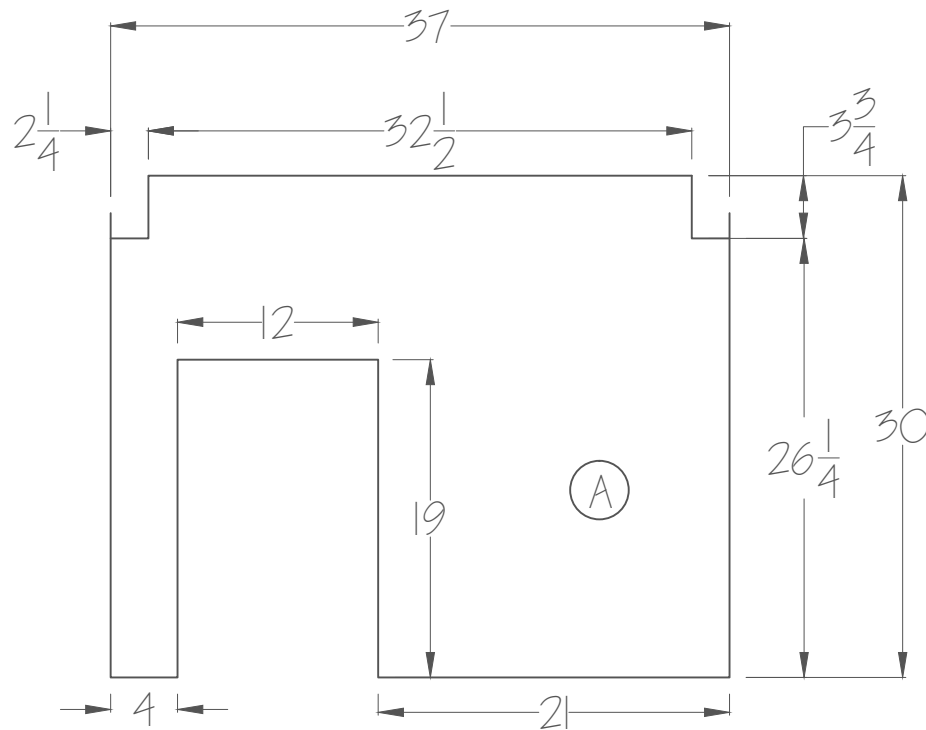


2 X 4 Corner Cleats
Two 1-5/8 screws
per corner cleat.

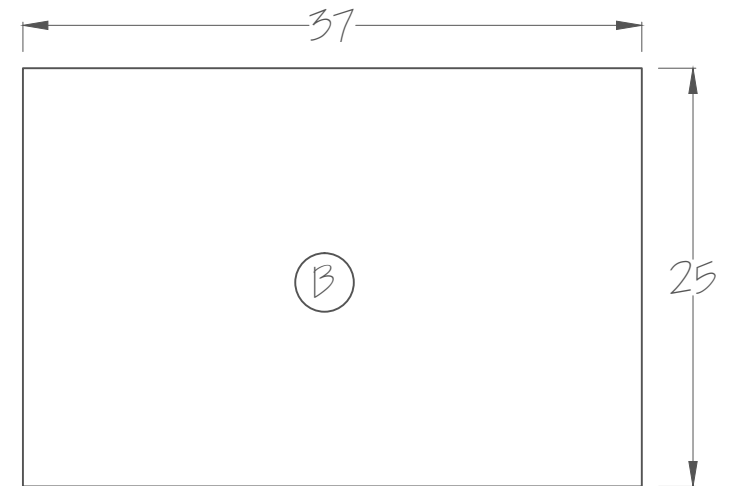


MEDIUM DOG HOUSE FRONT AND REAR PANELS

All panels are made from 1/2" plywood

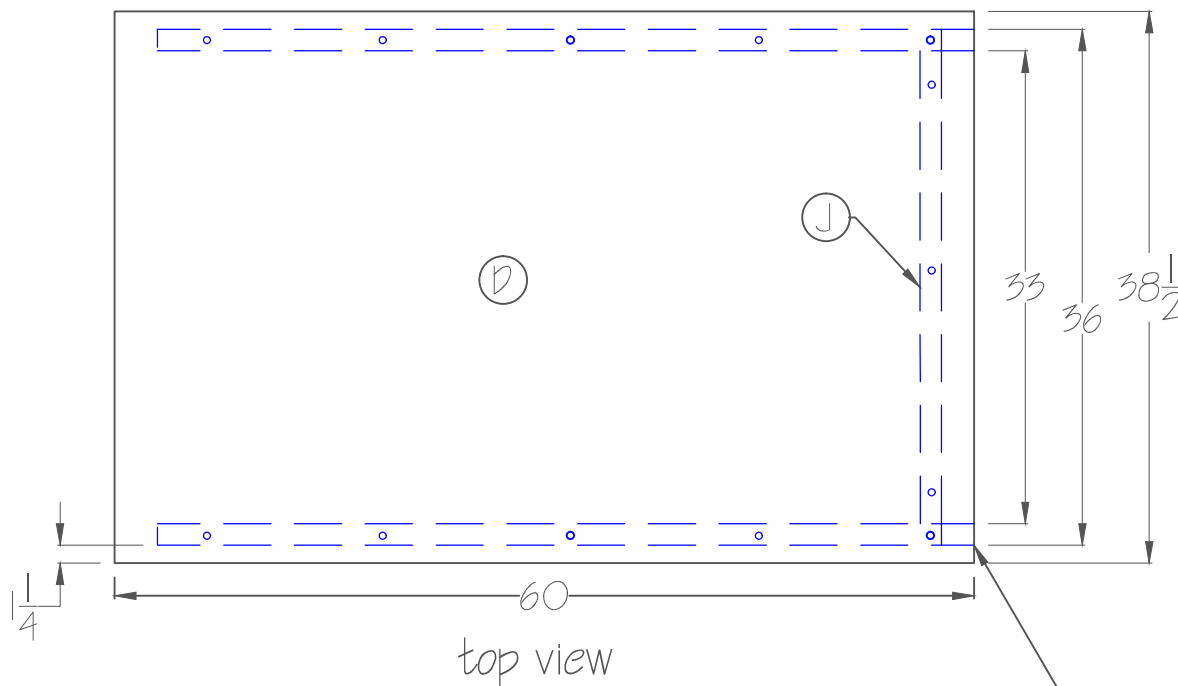


Front panel



Rear panel

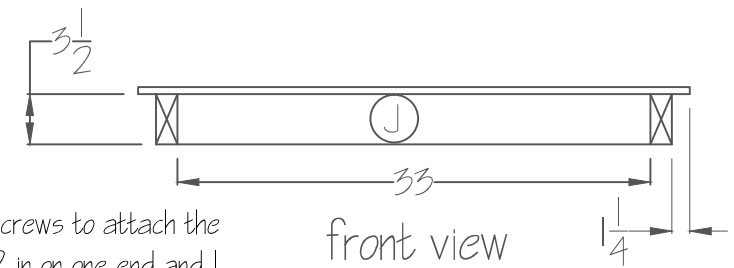
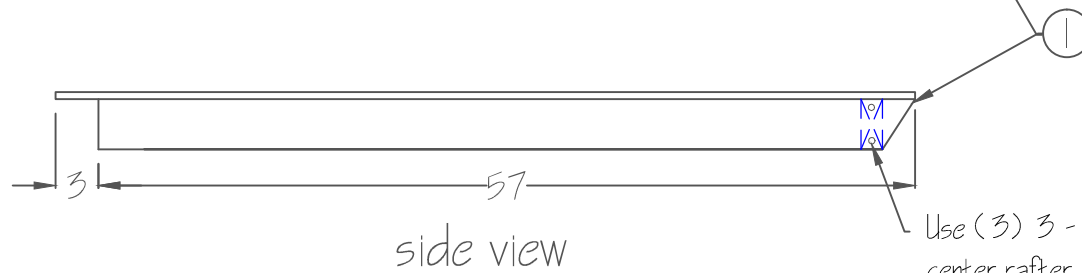
MEDIUM DOG HOUSE ROOF ASSEMBLY



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.

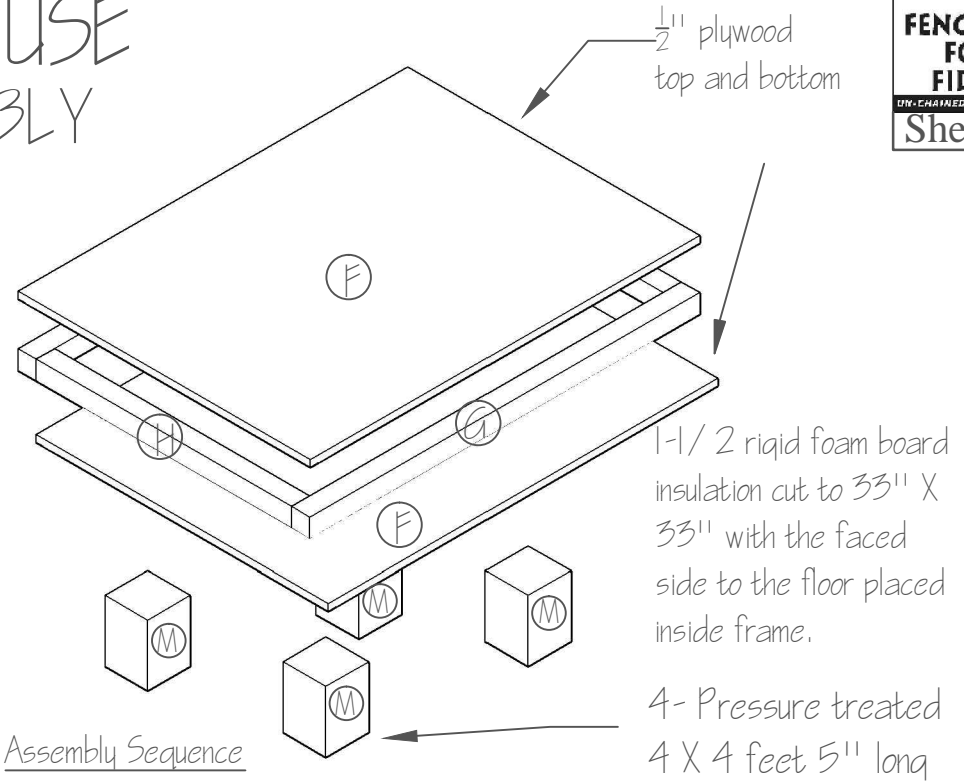
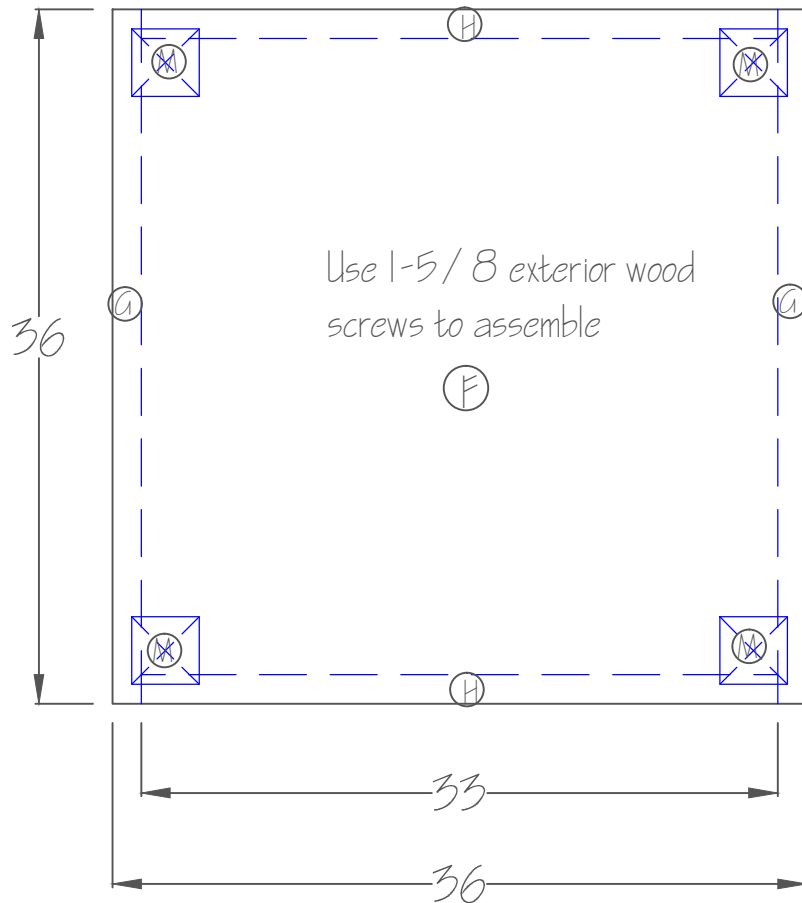
Note: The roll roofing material will extend 1/2" past the edges of the sides and 1" on the front and the back.



Use (3) 3 - 1/2" screws to attach the center rafter. Put 2 in on one end and 1 on the other.

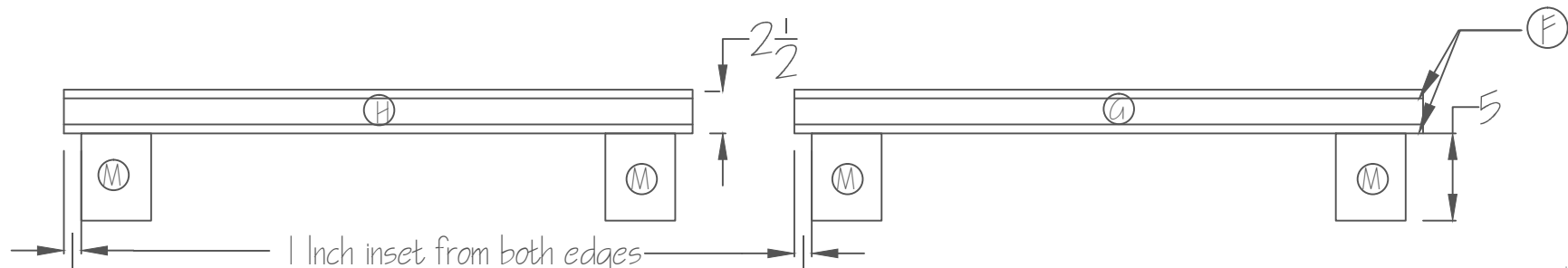
MEDIUM DOG HOUSE

FLOOR FRAME ASSEMBLY

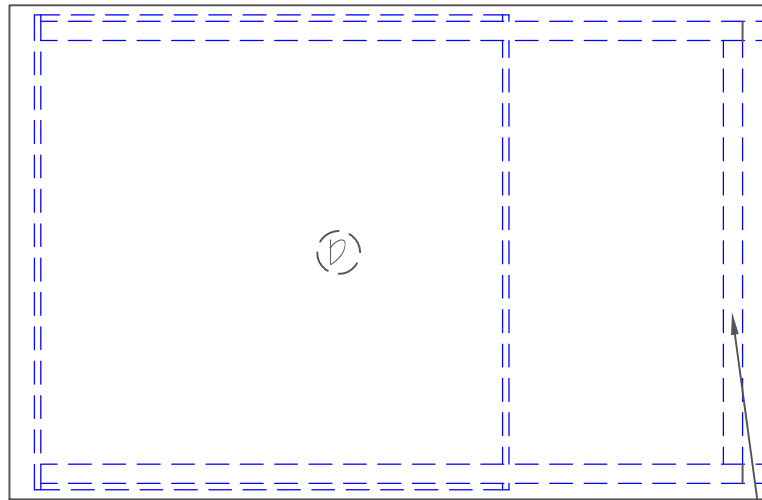


Assembly Sequence

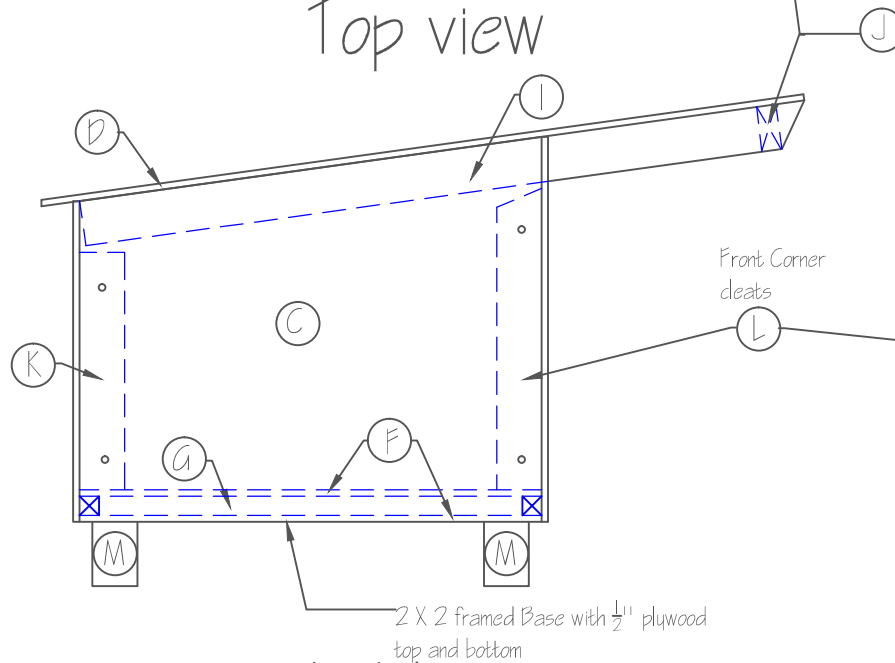
1. Attach the frame (parts G and H) to one piece of floor bottom (F) using 1 5/8" exterior screws,
- 2., Attach all 4 feet using 3 - 3 1/2" exterior screws per foot piece (M) to the partially assembled frame,
3. Install the insulation, placing it inside the frame,
- 4., attach the top piece (F) to the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



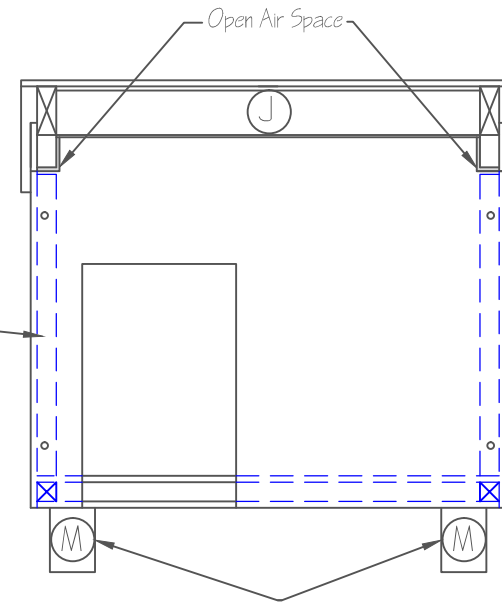
MEDIUM DOG HOUSE - COMPLETE ASSEMBLY



Top view



Side View



Pressure treated 4 X 4 feet cut 5" long

Front view