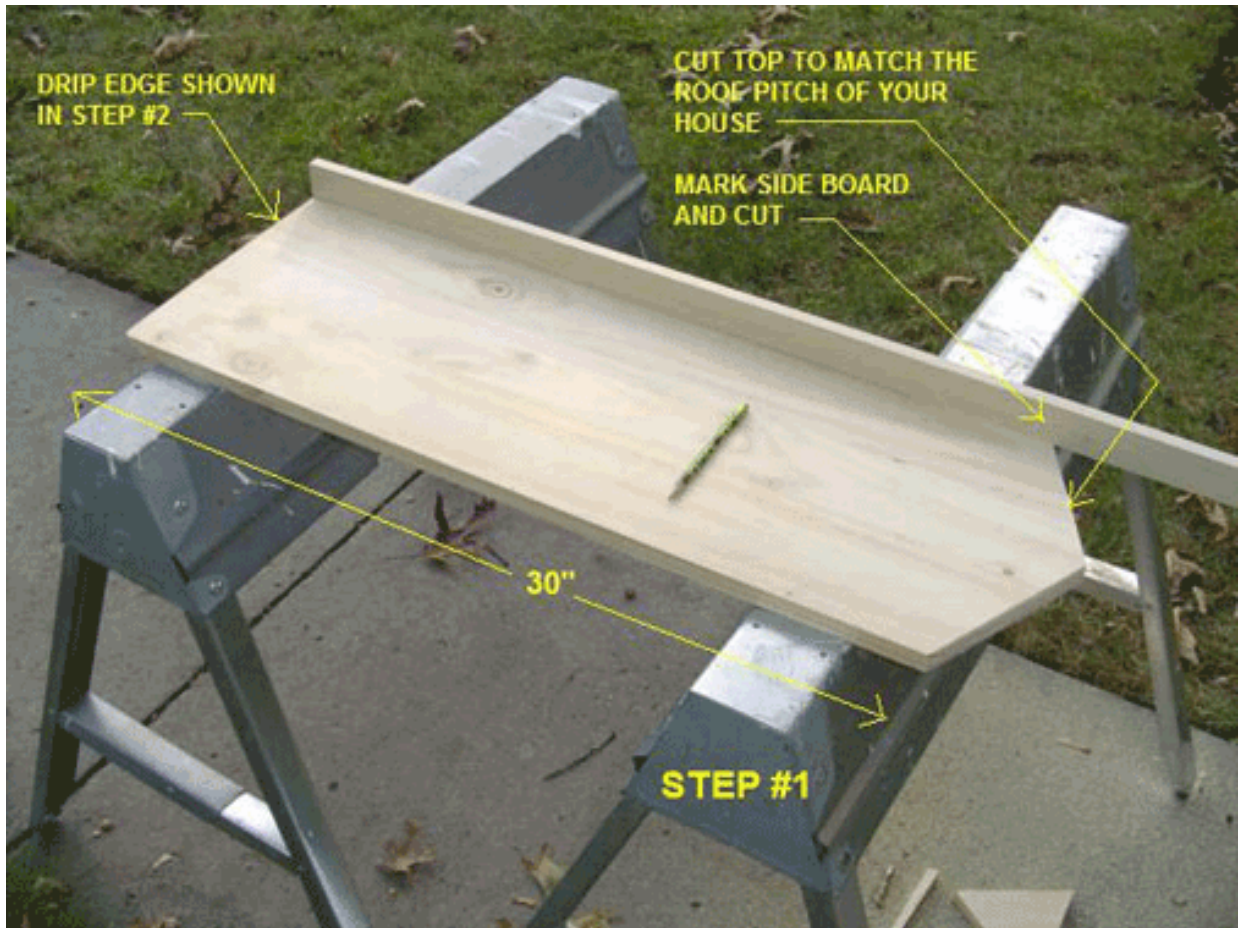


Step-By-Step Guide to Building Your Own Bat House
Organization for Bat Conservation
www.batconservation.org
800-276-7074



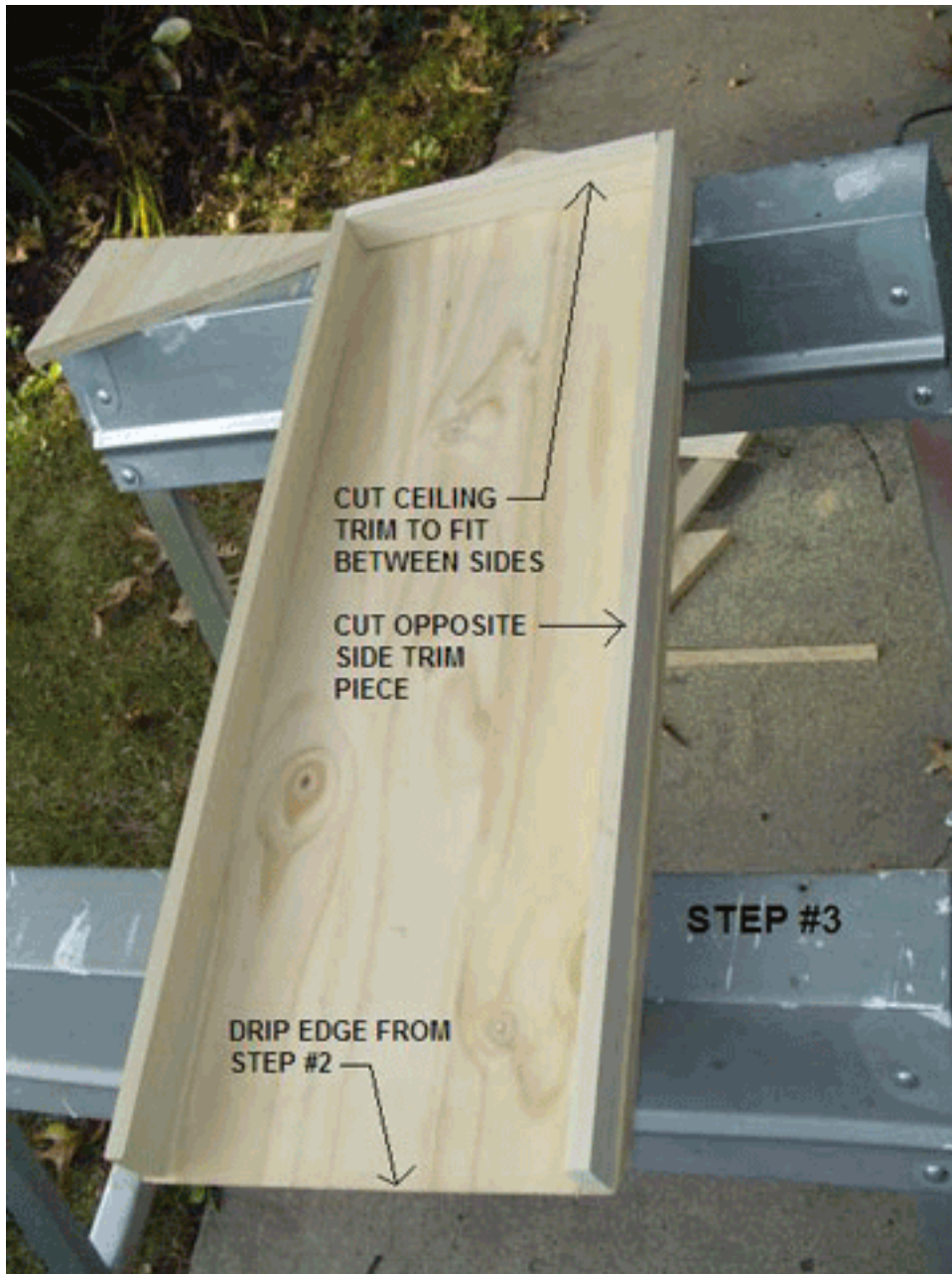




STEP #2

I PULLED BACK THE SIDE TRIM BOARD TO SHOW YOU THAT NONE OF THE PIECES ARE FASTENED AT THESE INITIAL STEPS YET.

ANGLE CUT AT 45 DEGREES THE BOTTOM OF THE REAR PANEL TO CREATE A DRIP EDGE, THIS WILL KEEP WATER FROM WICKING BACK TOWARDS THE WALL YOU EVENTUALLY FASTEN THE BAT HOUSE AGAINST.

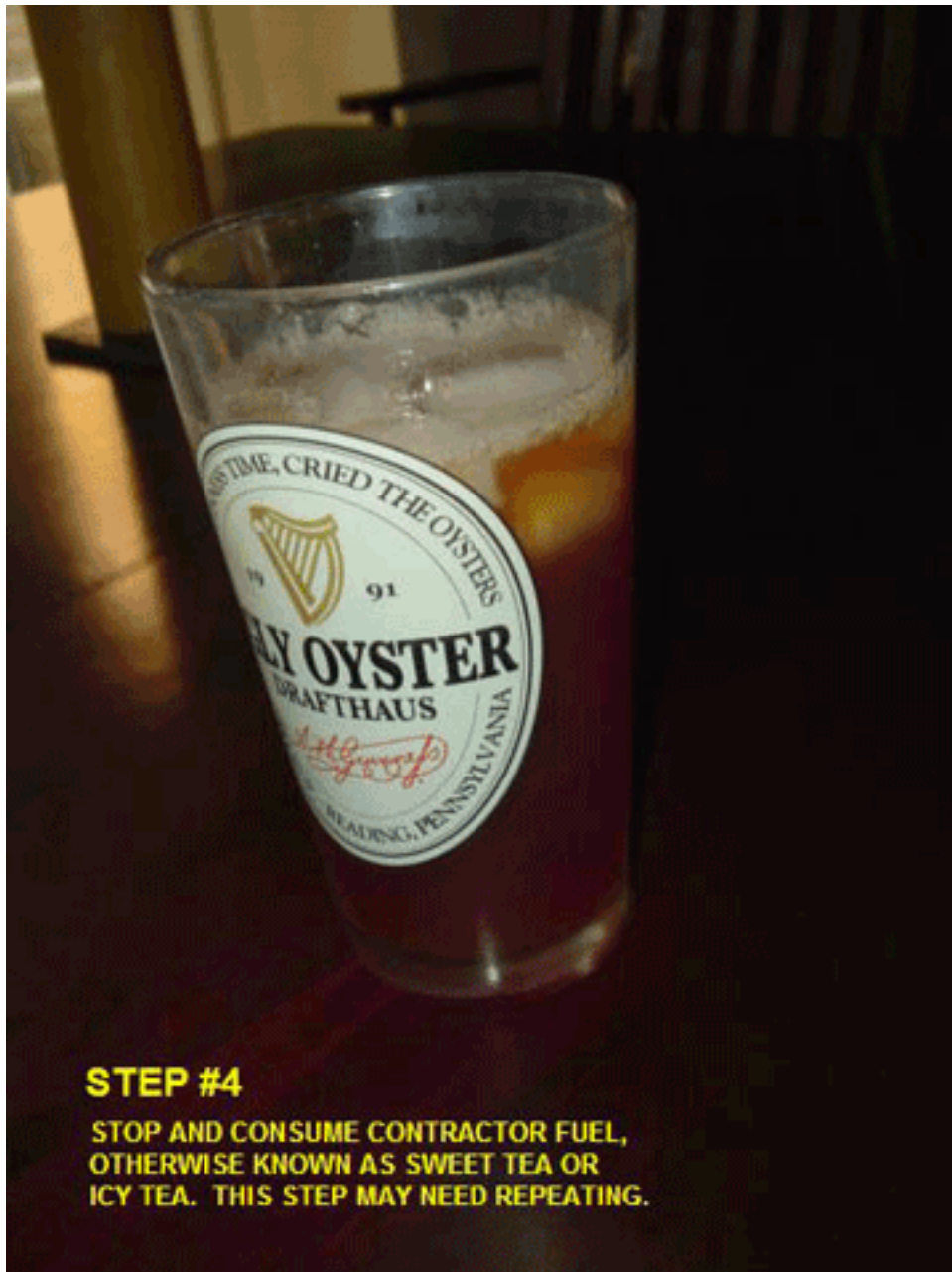


CUT CEILING
TRIM TO FIT
BETWEEN SIDES

CUT OPPOSITE
SIDE TRIM
PIECE

DRIP EDGE FROM
STEP #2

STEP #3



STEP #4

STOP AND CONSUME CONTRACTOR FUEL,
OTHERWISE KNOWN AS SWEET TEA OR
ICY TEA. THIS STEP MAY NEED REPEATING.



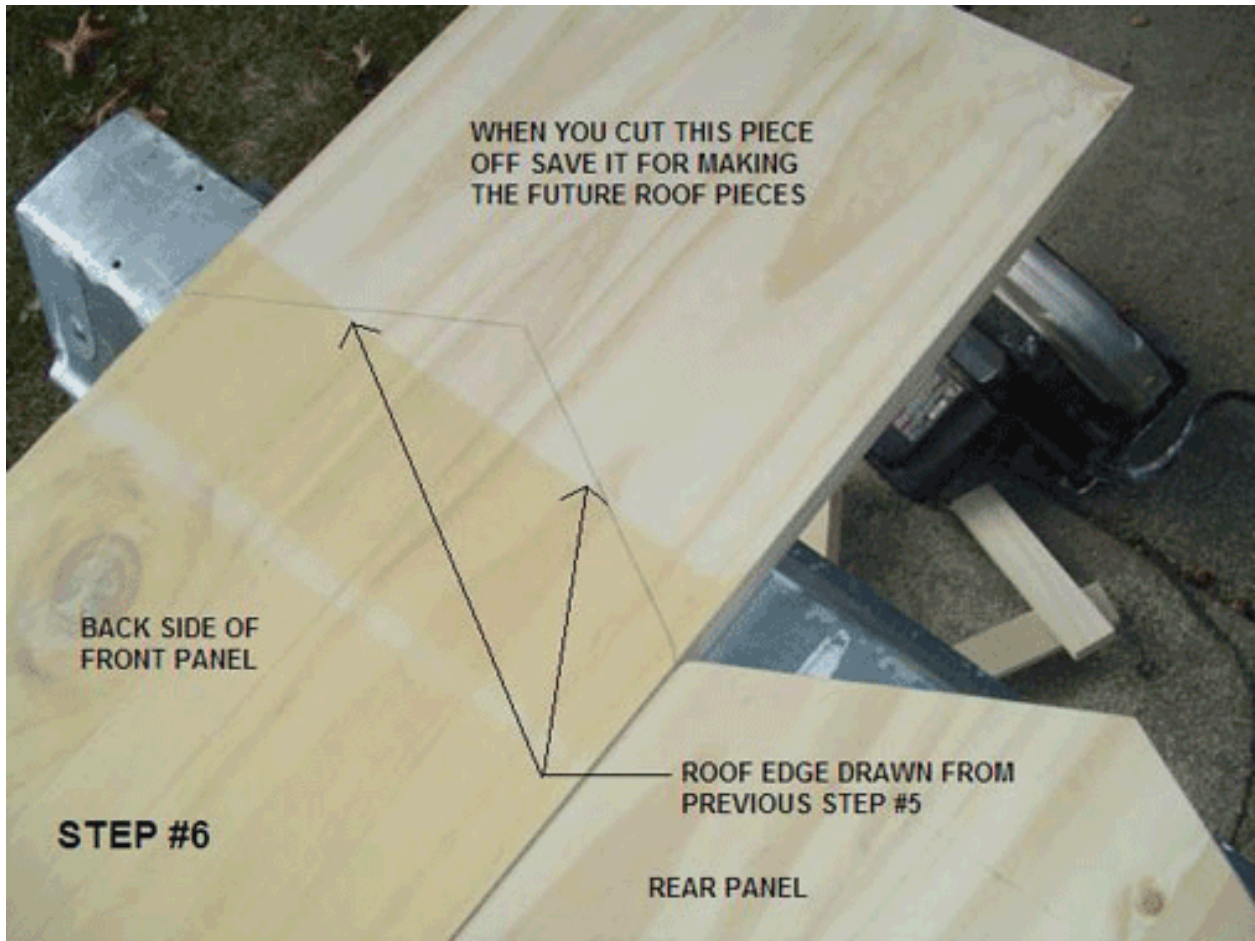
STEP #5

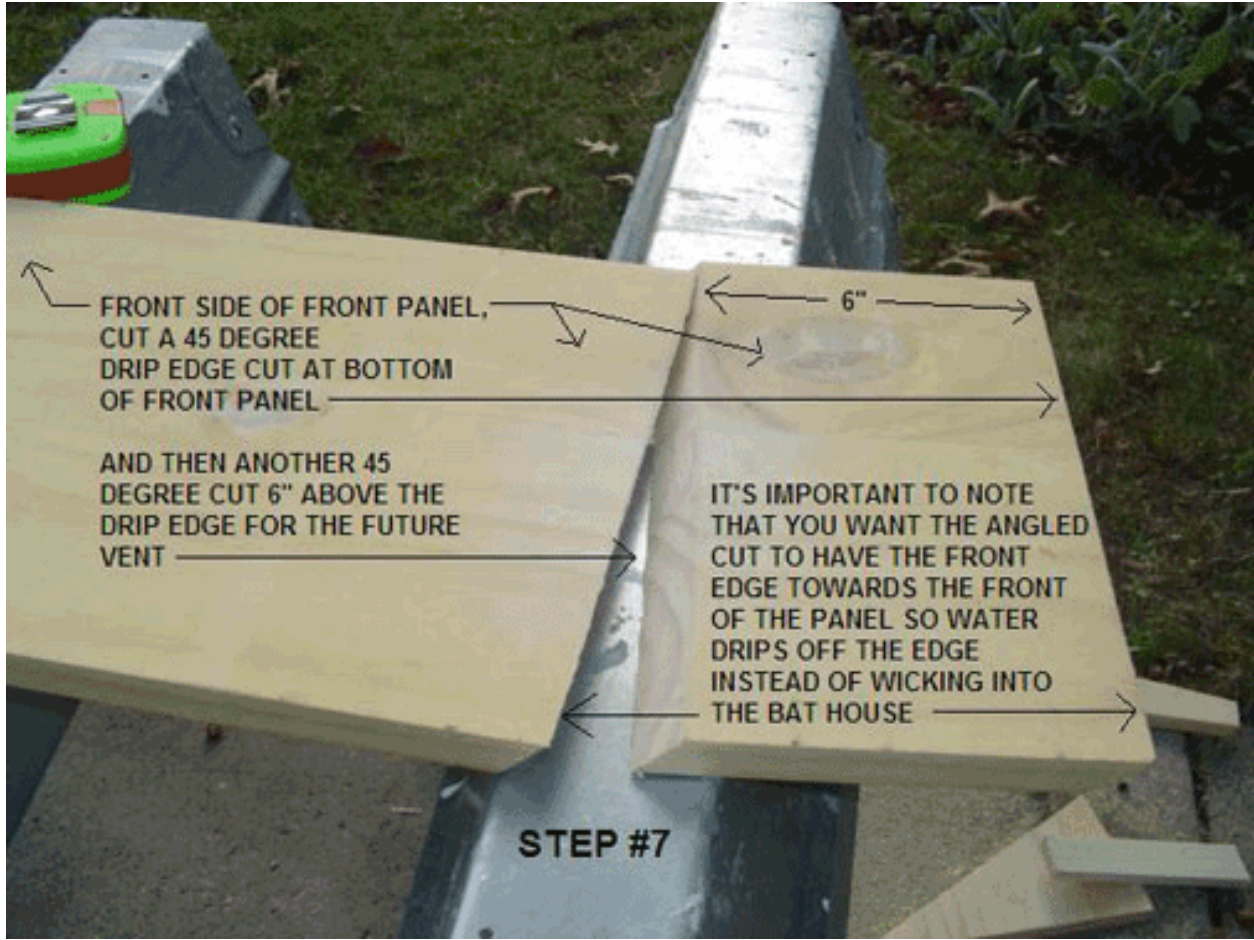
**BACK SIDE OF
FRONT PANEL
POSITIONED 6"
ABOVE REAR
PANEL DRIP
EDGE**

**FLIP REAR PANEL
ONTO FRONT PANEL
AND DRAW
ROOF EDGE
ONTO FRONT PANEL**

**REAR PANEL
FROM PREVIOUS
STEPS, WITH SIDE
TRIM AND CEILING
REMOVED**

6"





FRONT SIDE OF FRONT PANEL,
CUT A 45 DEGREE
DRIP EDGE CUT AT BOTTOM
OF FRONT PANEL

AND THEN ANOTHER 45
DEGREE CUT 6" ABOVE THE
DRIP EDGE FOR THE FUTURE
VENT

IT'S IMPORTANT TO NOTE
THAT YOU WANT THE ANGLED
CUT TO HAVE THE FRONT
EDGE TOWARDS THE FRONT
OF THE PANEL SO WATER
DRIPS OFF THE EDGE
INSTEAD OF WICKING INTO
THE BAT HOUSE

STEP #7



MEASURE THESE EDGES AND ADD AN INCH TO EACH DIMENSION SO YOU HAVE OVER HANGS AND EXTRA MATERIAL TO WORK WITH WHEN MITER CUTTING THE ROOF TOP PEAK

STEP #9



STEP #10 DETAIL SHOT
OR ROOF PEAK MITER

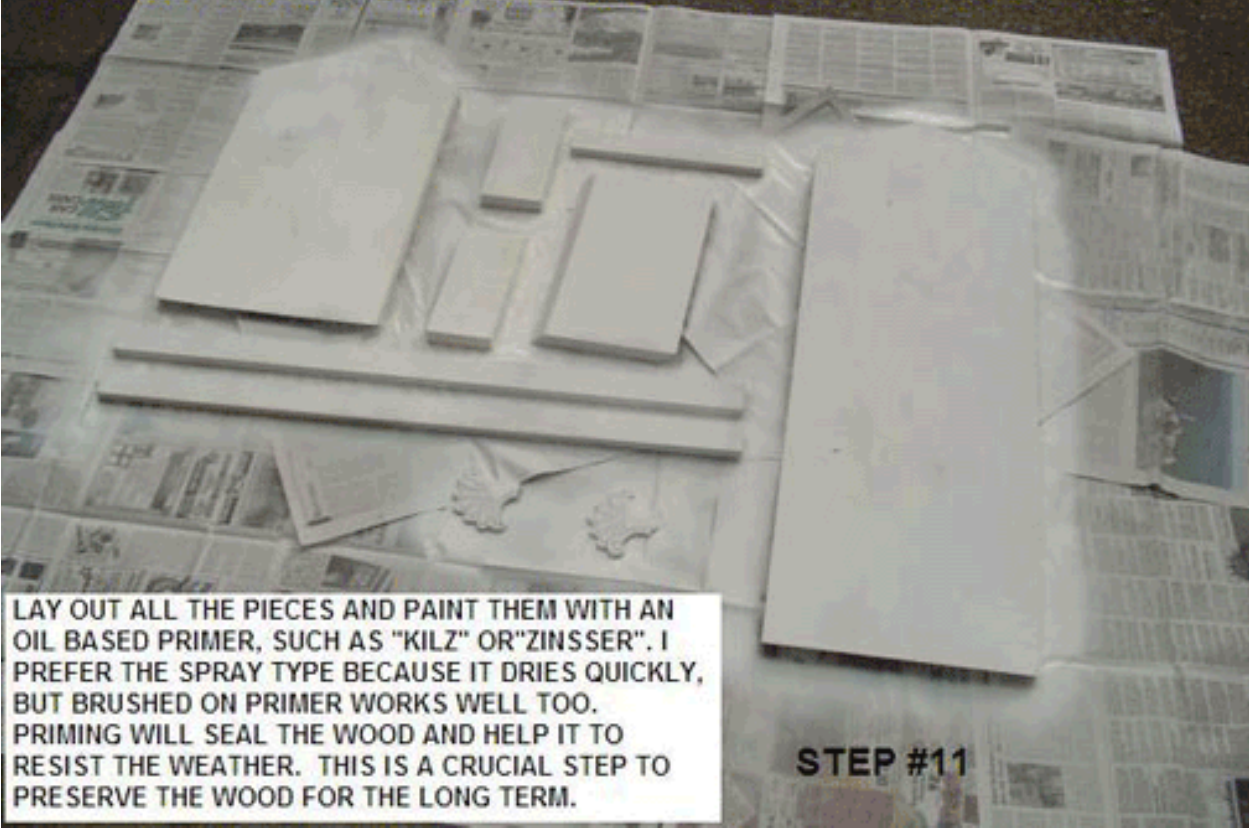
YOU WILL NOTE THAT I ONLY ADDED A QUARTER OF AN INCH TO THE DEPTH OF THE ROOF PIECES IN THE LAST STEP, WHICH DID NOT YIELD A VERY LARGE OVERHANG. I WOULD LATER REGRET NOT ADDING MORE OF AN OVERHANG AT THIS FRONT EDGE.

DRY FIT THE ROOF PIECES TOGETHER. YOU WILL NEED TO CUT THESE PIECES BY HAND OR ON A TABLE SAW. IT WILL TAKE TIME AND PATIENCE TO MAKE THEM FIT SNUG AND TIGHT.



STEP #10

NOTE THAT I EVEN PRIMED THE PRE-FINISHED DECORATIVE TRIM PIECES JUST TO BE SAFE. YOU DON'T TYPICALLY PAINT THE INTERIOR OF BAT HOUSES BECAUSE IT'S TOXIC FOR THE BATS. BUT THIS DESIGN COVERS THE INTERIOR WITH CEDAR PLANKS, SEE STEP #14.



LAY OUT ALL THE PIECES AND PAINT THEM WITH AN OIL BASED PRIMER, SUCH AS "KILZ" OR "ZINSSER". I PREFER THE SPRAY TYPE BECAUSE IT DRIES QUICKLY, BUT BRUSHED ON PRIMER WORKS WELL TOO. PRIMING WILL SEAL THE WOOD AND HELP IT TO RESIST THE WEATHER. THIS IS A CRUCIAL STEP TO PRESERVE THE WOOD FOR THE LONG TERM.

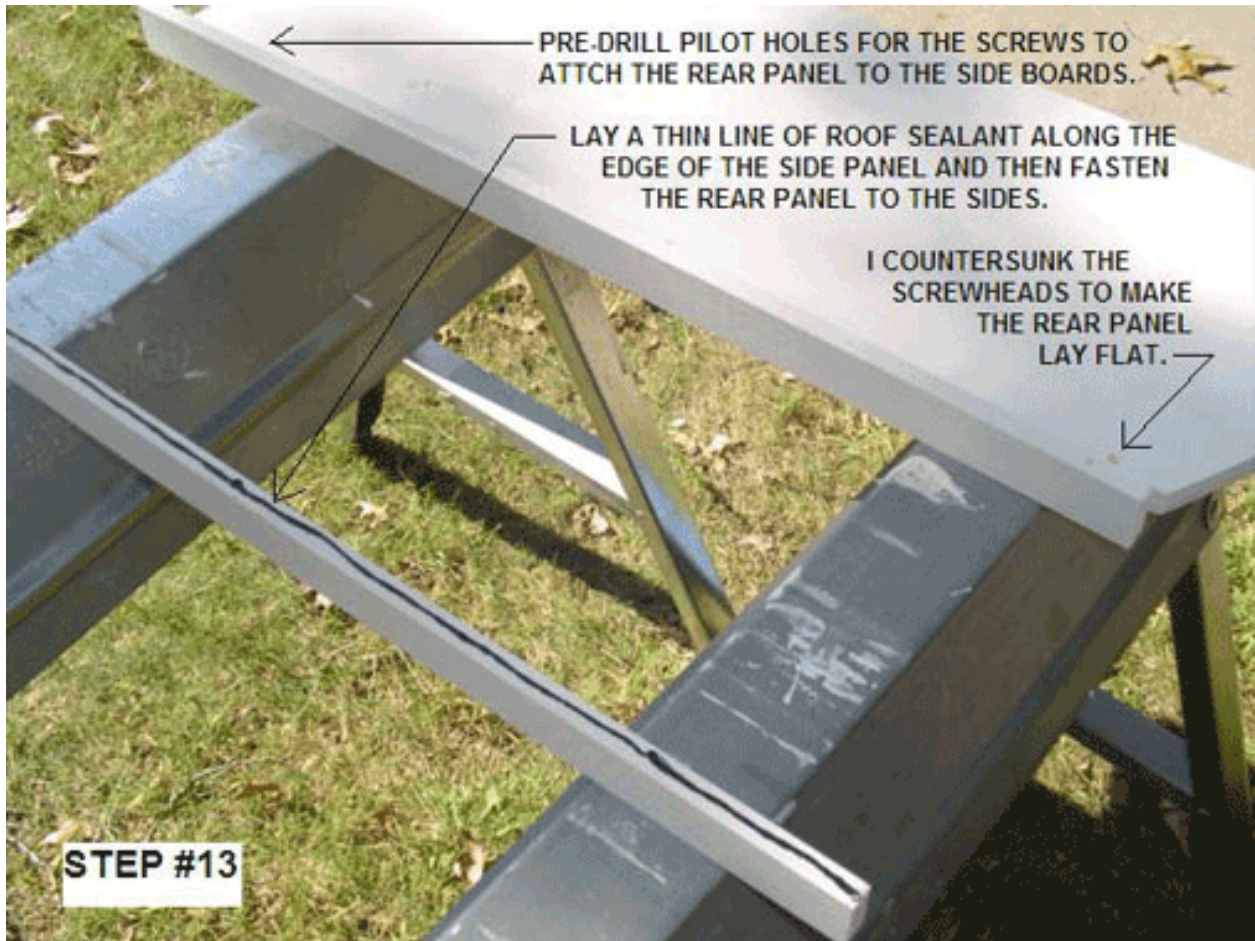
STEP #11



SPRAY PAINT THE ROOF AND DECORATIVE TRIM PIECES WITH THE METALLIC PAINT. I DECIDED TO USE A FAUX COPPER, BUT YOU COULD USE ANY METALLIC LOOK OR EVEN PAINT IT A COLOR TO MATCH YOUR SHUTTERS, OR FRONT DOOR, OR HOUSE TRIM, ETC.

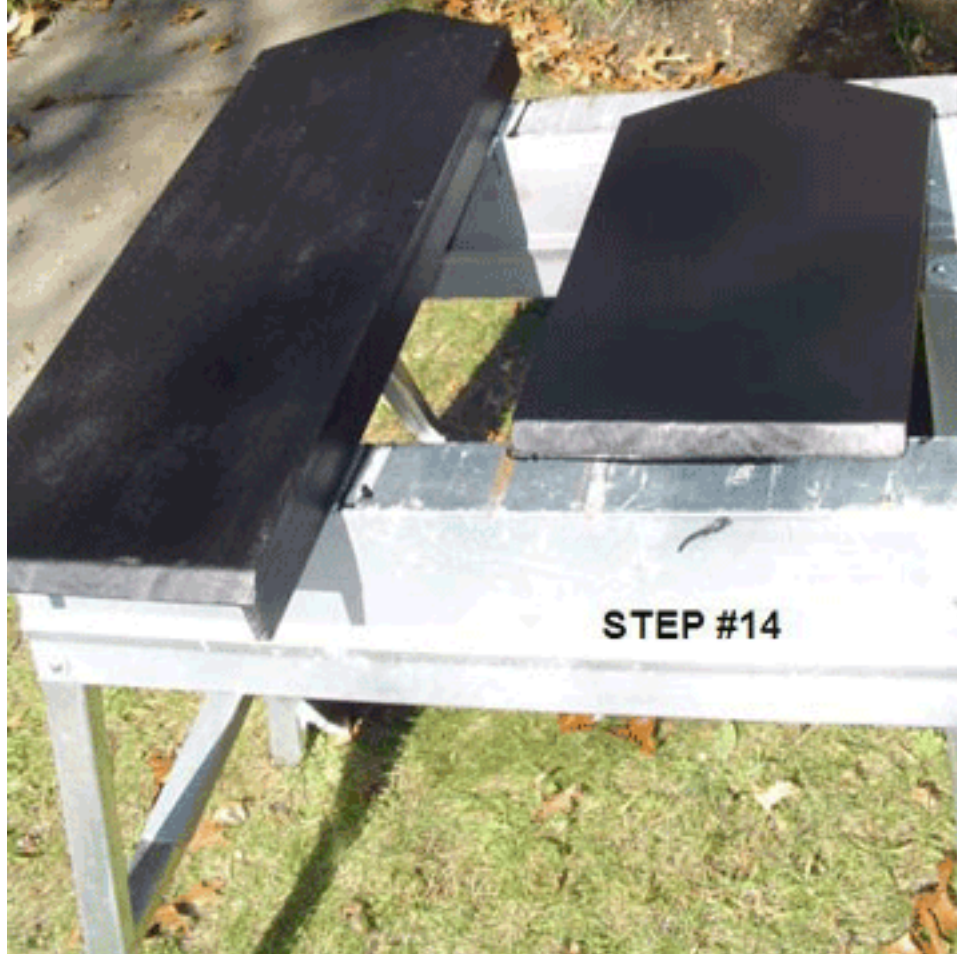
HOME DEPOT AND LOWES HAVE A VARIETY OF DIFFERENT TRIM SHAPES AND STYLES. LOOK FOR ONE THAT MATCHES YOUR HOUSE STYLE.

STEP #12

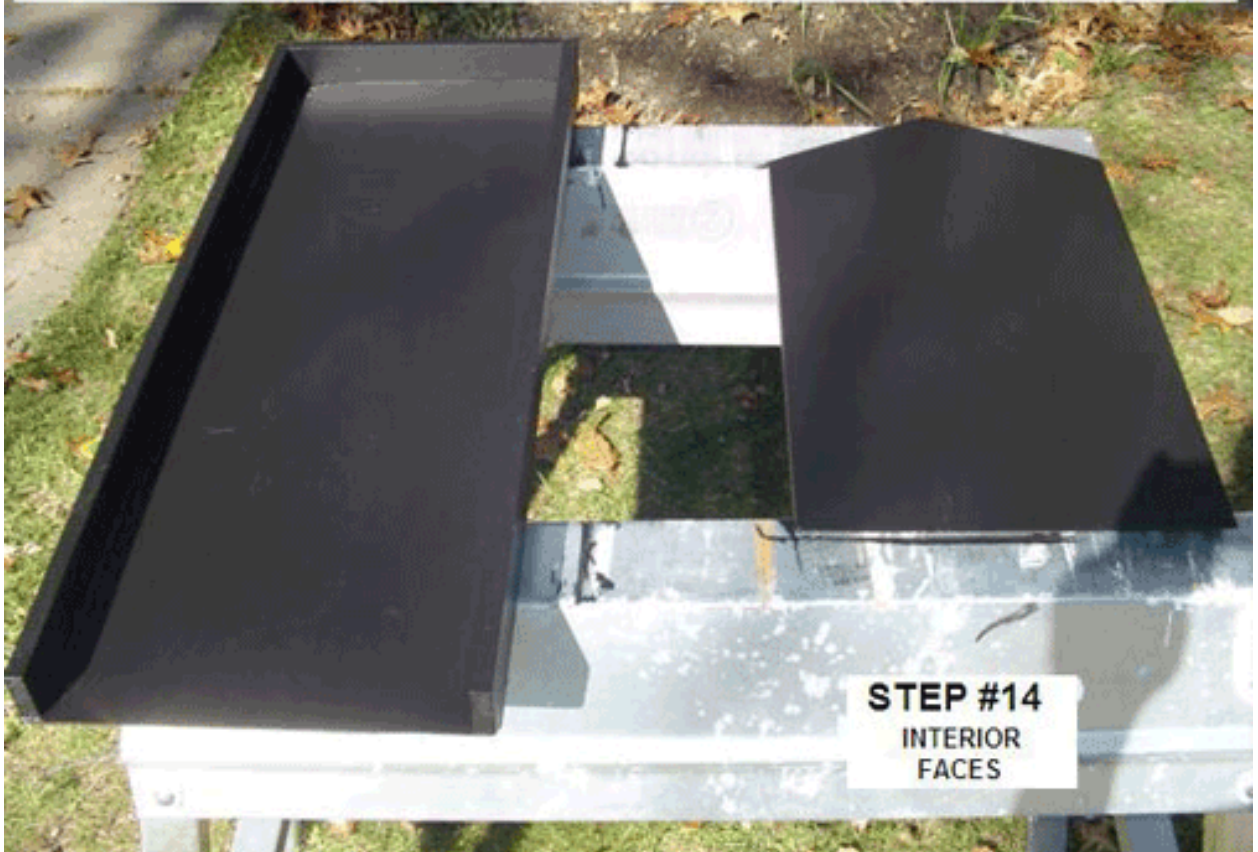


AFTER YOU HAVE THE SIDE PIECES AND CEILING PIECE ATTACHED TO THE REAR PANEL AND THE SEALANT DRIES, YOU CAN PAINT ALL THE PIECES BLACK AS RECOMMENDED BY THE ORGANIZATION FOR BAT CONSERVATION.

see " www.batconservation.org " for more information

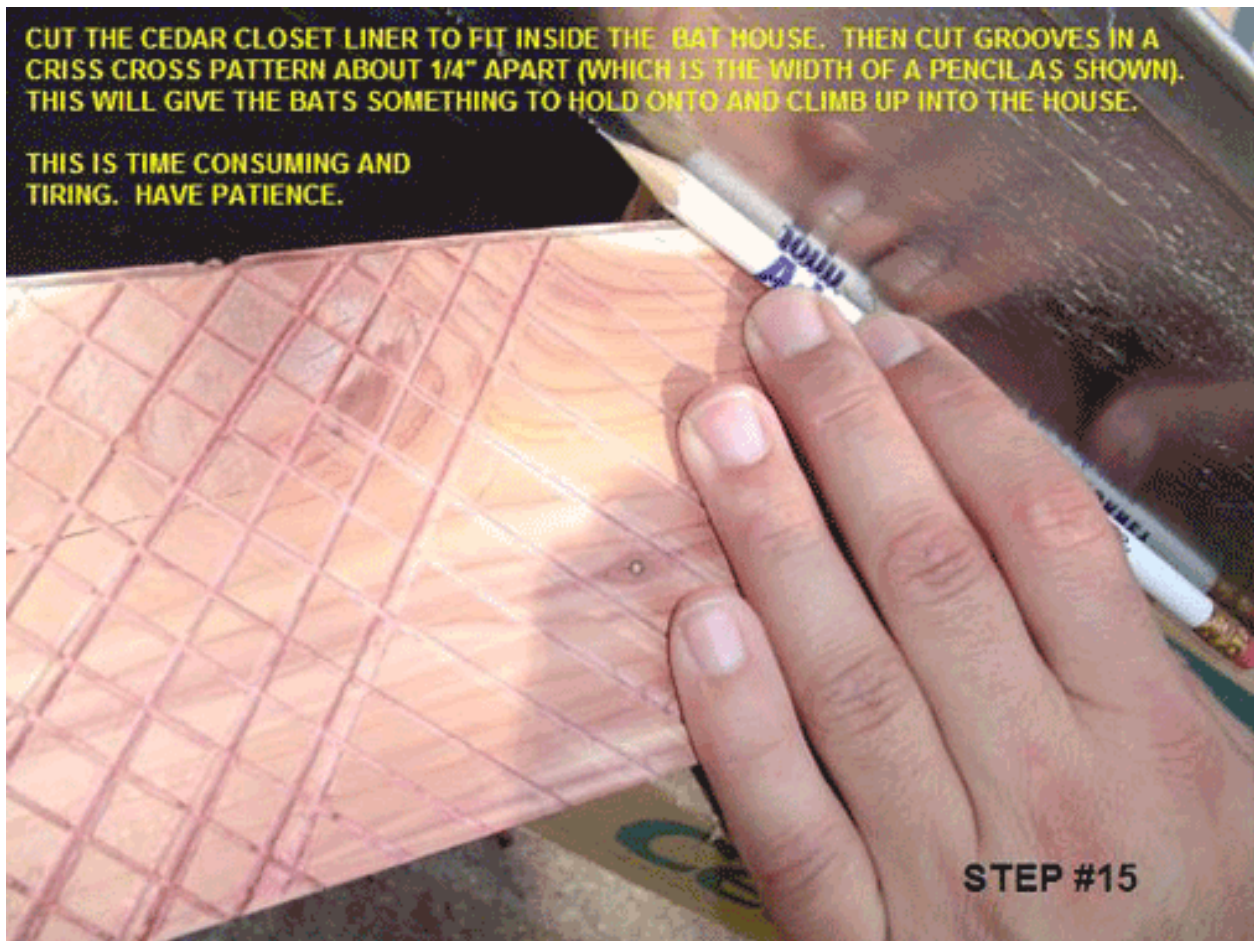


TYPICALLY YOU DON'T PAINT THE INTERIOR OF BAT HOUSES, BUT THIS DESIGN WRAPS THE INTERIOR WITH CEDAR PLANKING TO KEEP THE BATS AWAY FROM THE PAINTED INSIDE.



CUT THE CEDAR CLOSET LINER TO FIT INSIDE THE BAT HOUSE. THEN CUT GROOVES IN A CRISS CROSS PATTERN ABOUT 1/4" APART (WHICH IS THE WIDTH OF A PENCIL AS SHOWN). THIS WILL GIVE THE BATS SOMETHING TO HOLD ONTO AND CLIMB UP INTO THE HOUSE.

THIS IS TIME CONSUMING AND TIRING. HAVE PATIENCE.



STEP #15

VIEW OF INTERIOR COMPLETELY LINED (NOTE THE CRISS CROSS GROOVES ON ALL PLANKS). DON'T FORGET TO INSTALL THE CEDAR ON THE INSIDE FACE OF THE FRONT PANELS AND SIDE PANELS TOO!



STEP #16