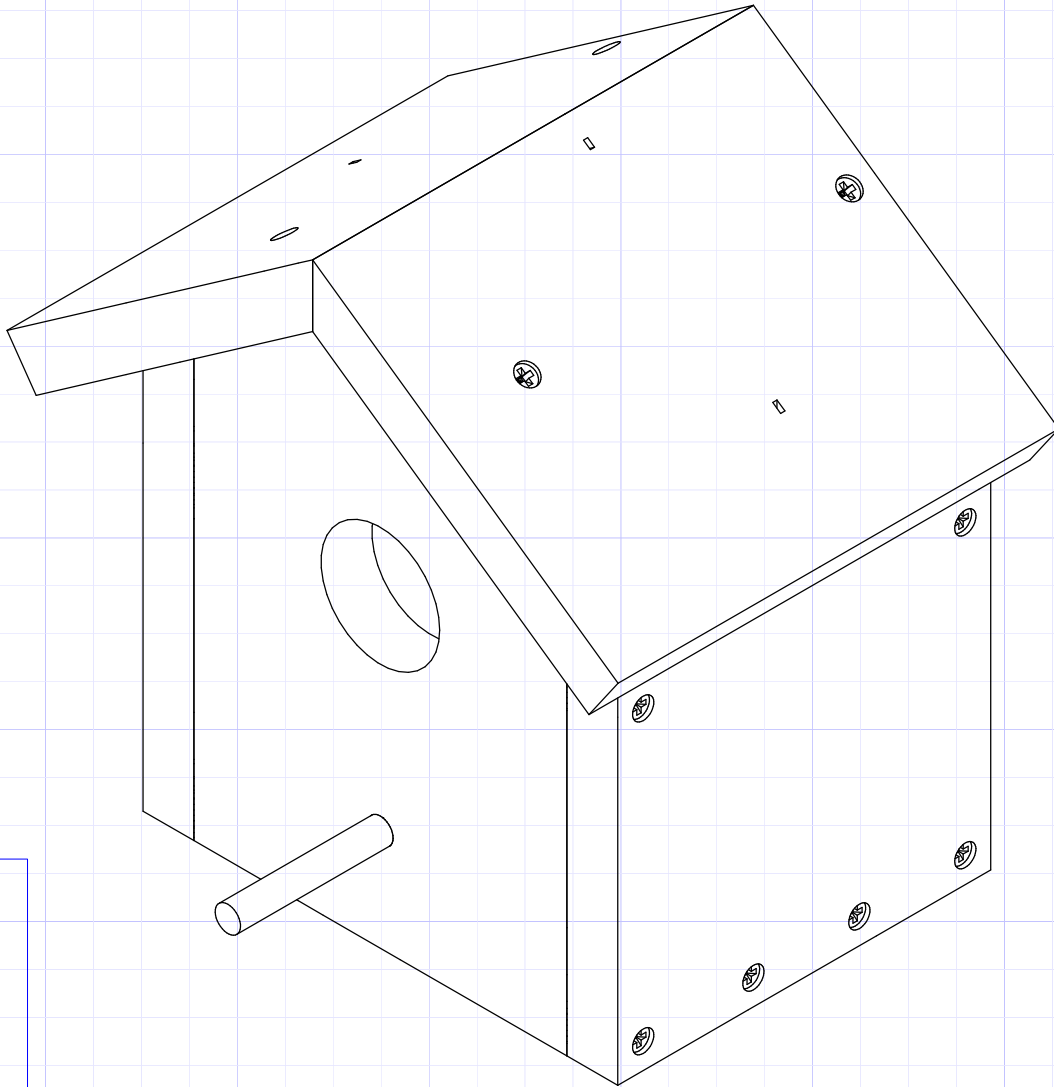


1

2



THIS PLAN IS INTENDED FOR THE PERSONAL USE OF OUR CUSTOMERS AND IS NOT INTENDED FOR MASS PRODUCTION. THIS PLAN MAY BE CONSTRUCTED 25X. CONTACT THE PLANSPLACE FOR LICENSE AGREEMENTS.



07002 THE TRADITIONAL BIRDHOUSE

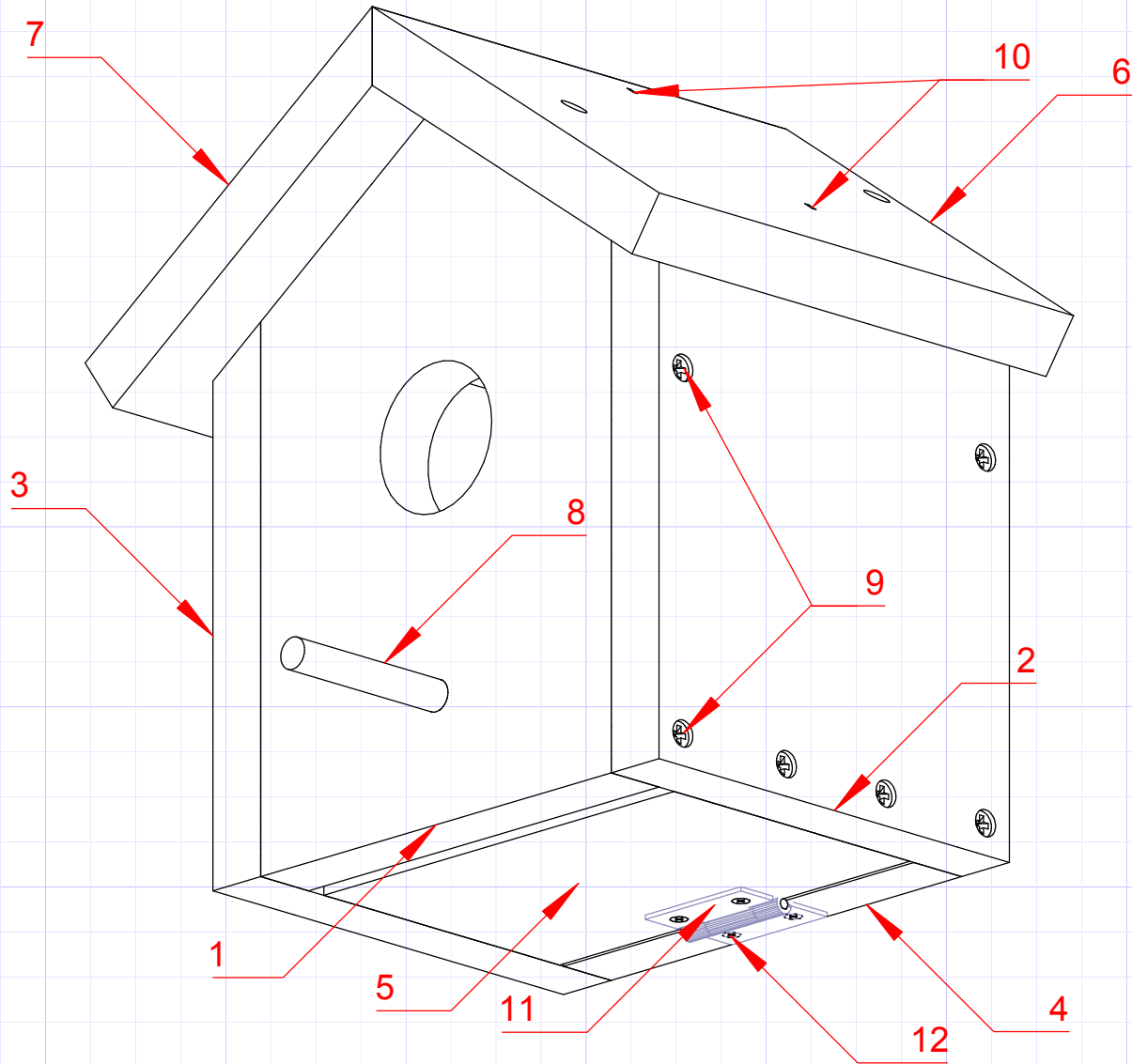
TITLE

THE TRADITIONAL BIRDHOUSE

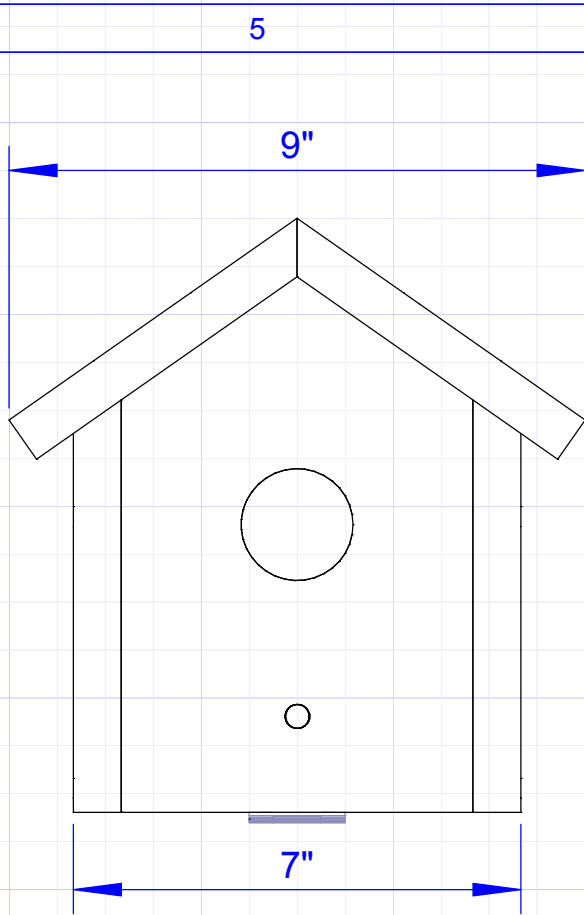
SIZE <b>B</b>	CAGE CODE	DWG NO <b>07002 RM 150129</b>	REV <b>A</b>
SCALE <b>1/2 OR AS SHOWN</b>	SHEET <b>PAGE 1 OF 10</b>		

1

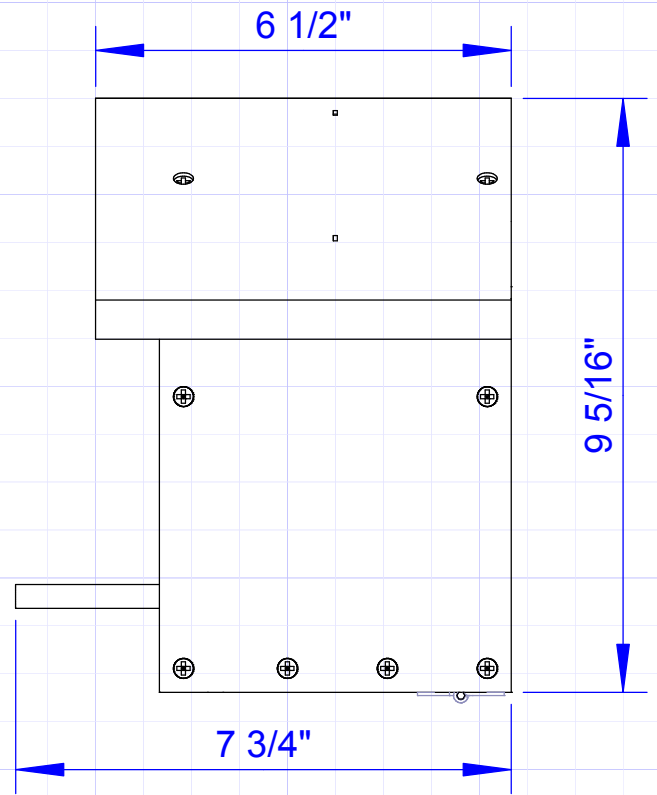
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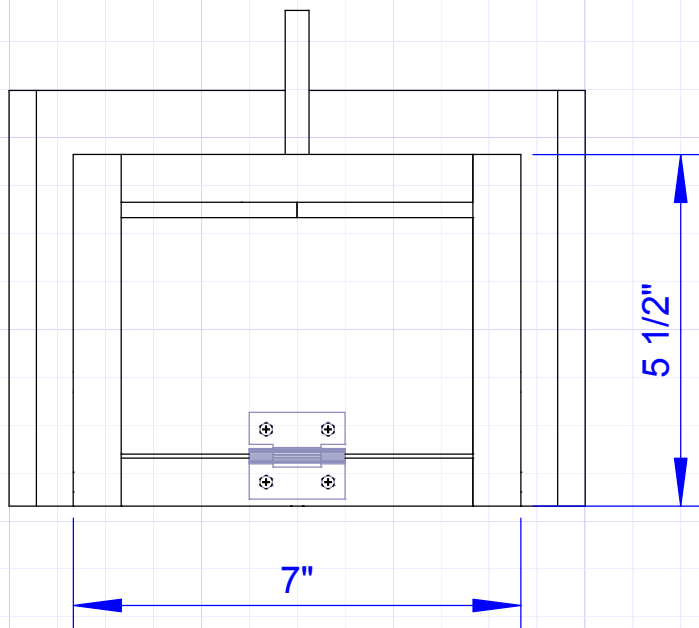
PART NO	DESCRIPTION	QUANTITY	PART NO	DESCRIPTION	QUANTITY
1	FRONT WALL PANEL	1	8	PERCH	1
2	RH WALL PANEL	1	9	2" DECK SCREWS	16
3	LH WALL PANEL	1	10	1-1/2" FINISH NAILS	3
4	REAR WALL PANEL	1	11	HINGE	1
5	BOTTOM PANEL	1	12	HINGE SCREWS	4
6	RH ROOF PANEL	1	13	3" SCREWS	2
7	LH ROOF PANEL	1			



FRONT VIEW

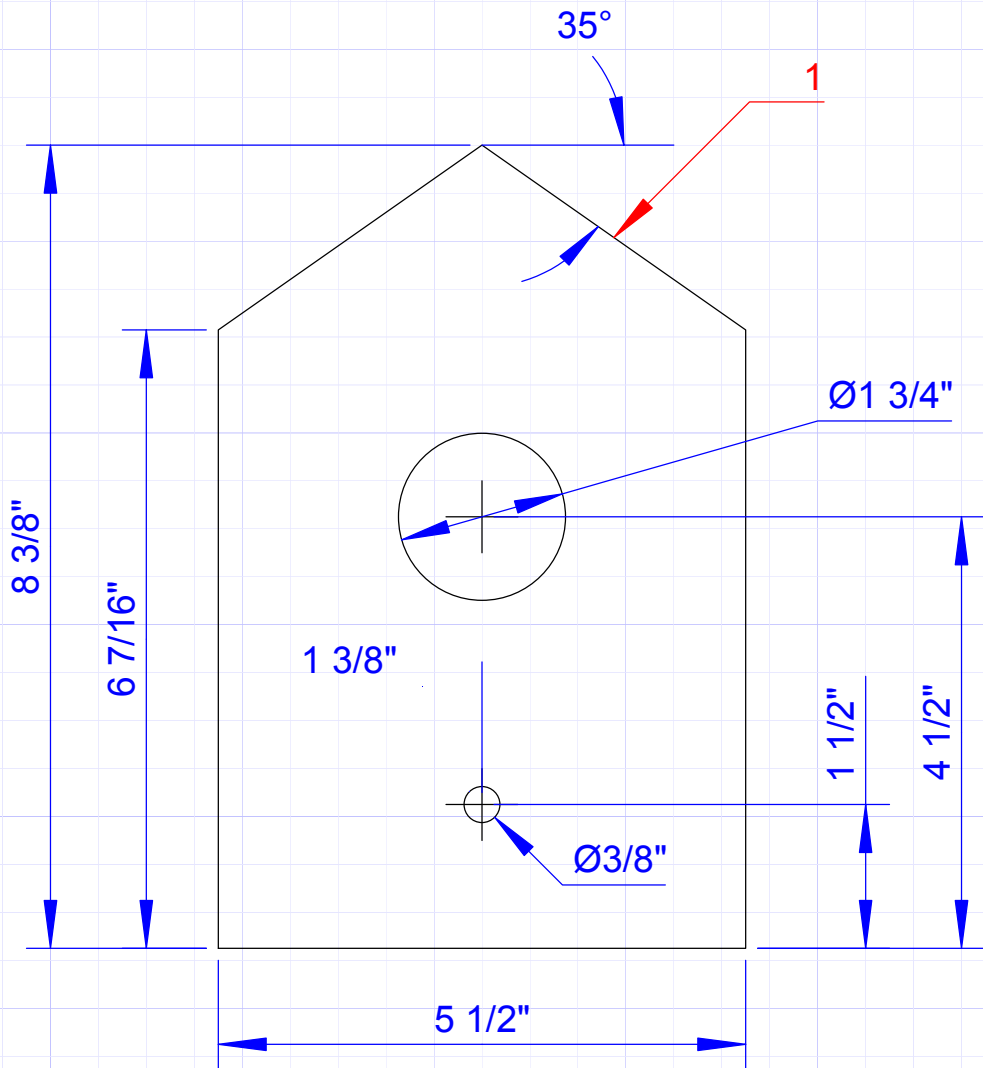


SIDE VIEW

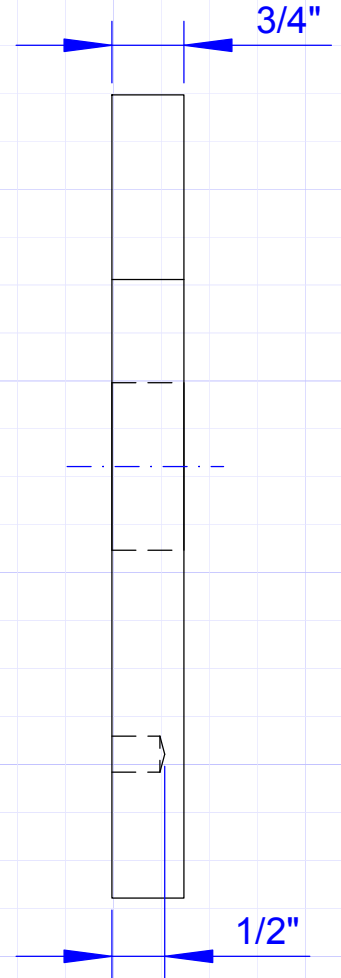


BOTTOM VIEW

SCALE: 1/3

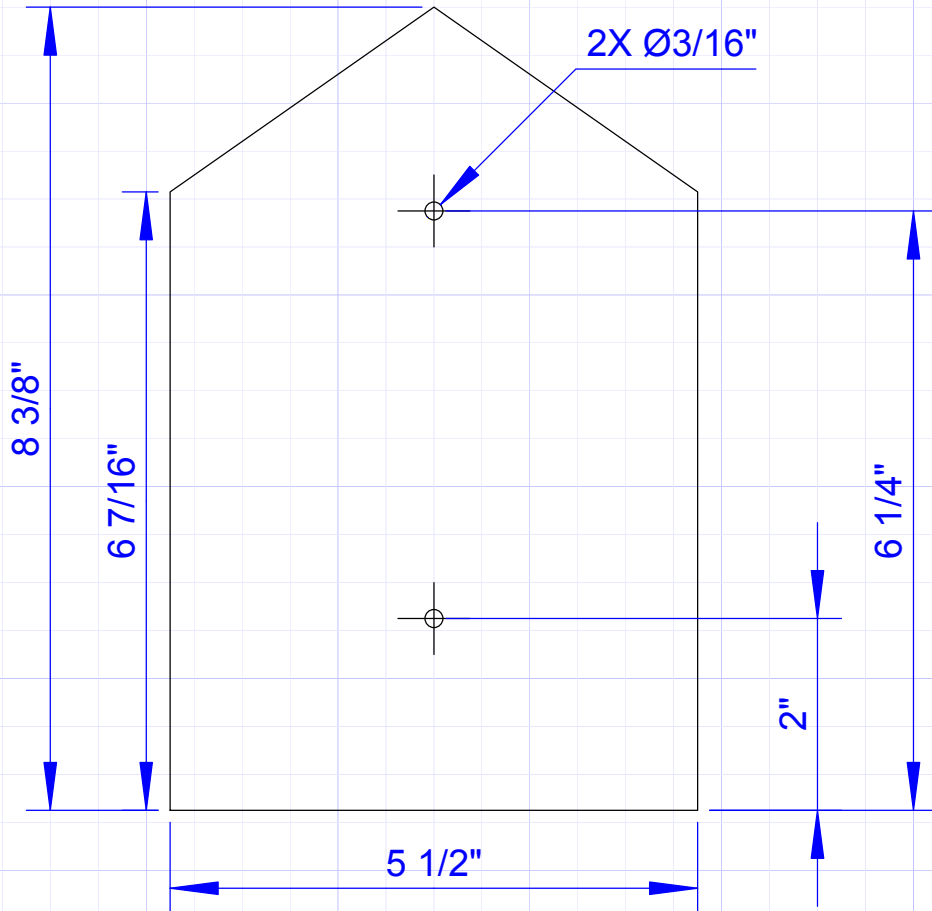


FRONT PANEL FRONT VIEW



FRONT PANEL SIDE VIEW

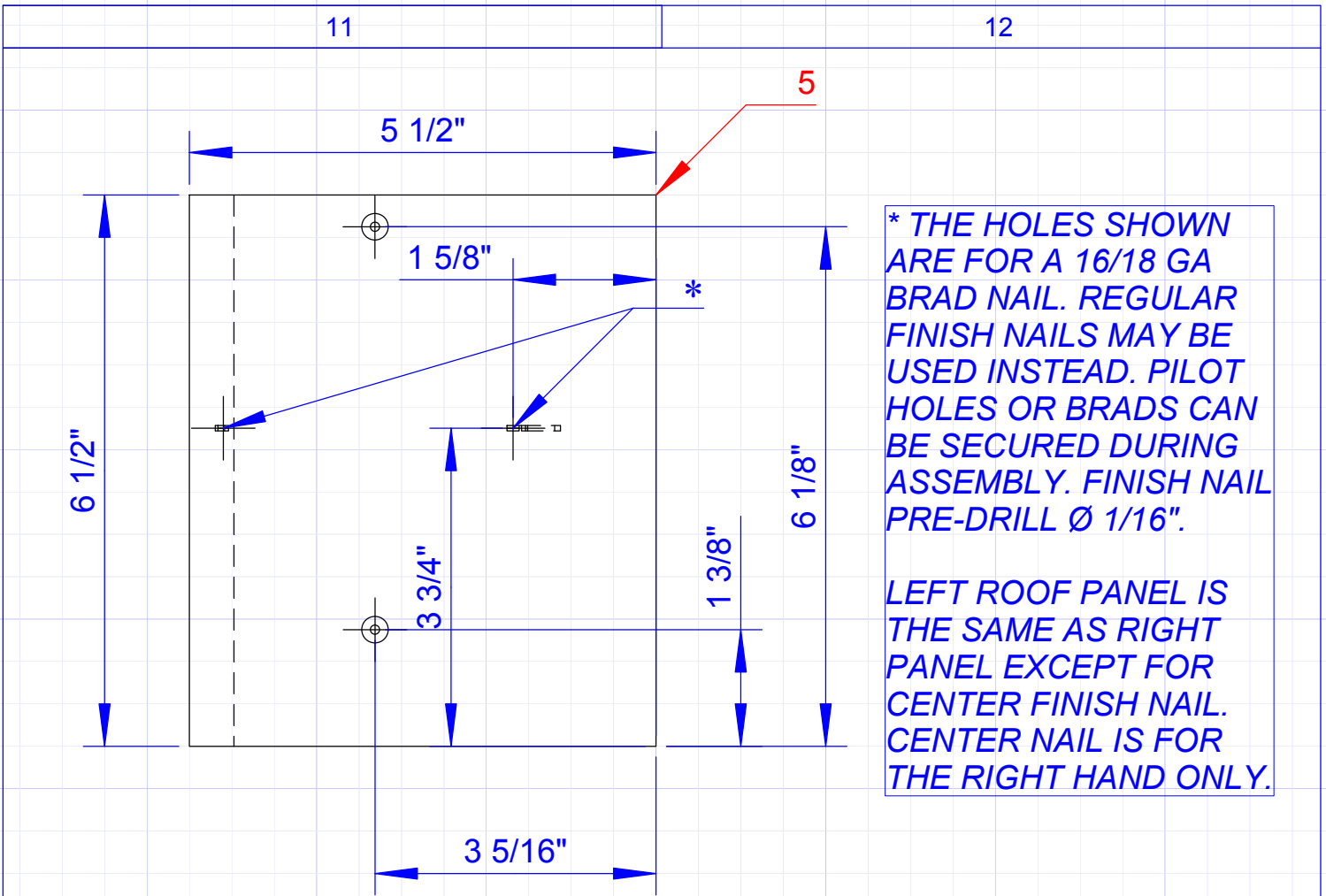
*THE BIRD HOLE OPENING CAN BE REDUCED TO 1-1/2" FOR SMALLER BIRDS.*



REAR PANEL FRONT VIEW

REAR PANEL SIDE VIEW

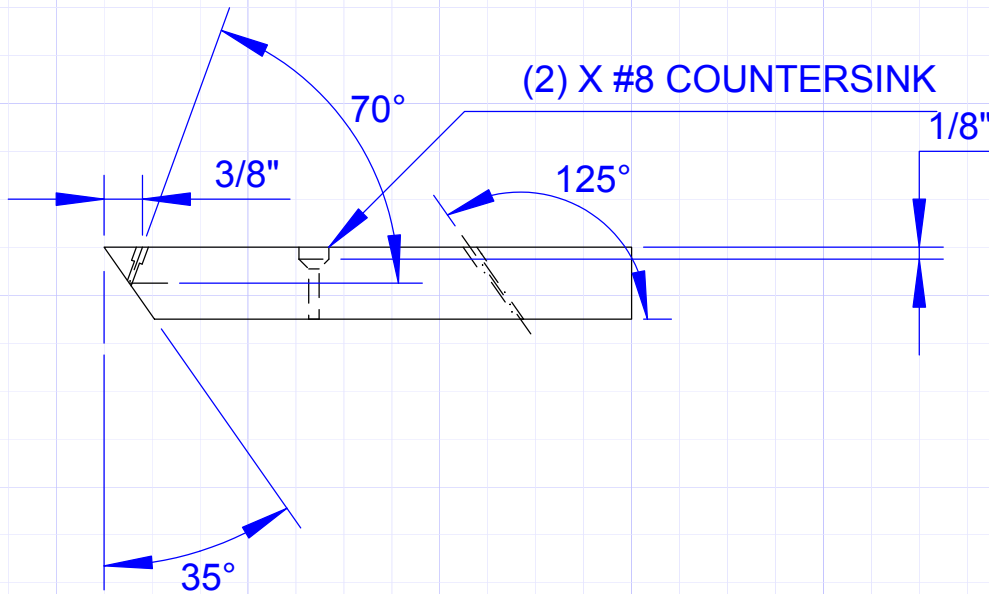
*DIMENSIONS OF REAR PANEL ARE THE SAME AS THE FRONT PANEL. IF PANEL IS TIGHT ON FINAL ASSEMBLY TRIM 1/16" OFF EACH SIDE.*



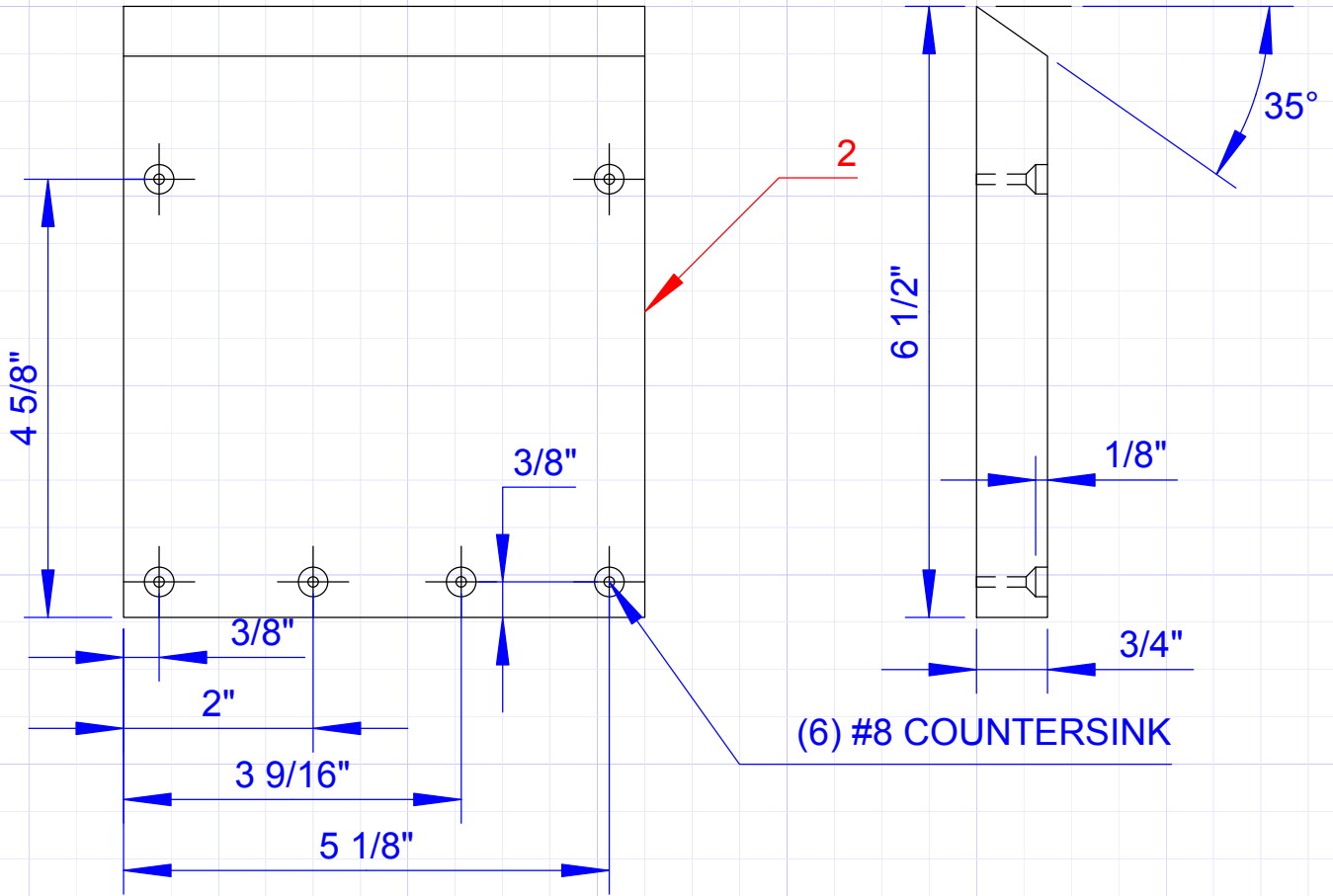
\* THE HOLES SHOWN ARE FOR A 16/18 GA BRAD NAIL. REGULAR FINISH NAILS MAY BE USED INSTEAD. PILOT HOLES OR BRADS CAN BE SECURED DURING ASSEMBLY. FINISH NAIL PRE-DRILL Ø 1/16".

LEFT ROOF PANEL IS THE SAME AS RIGHT PANEL EXCEPT FOR CENTER FINISH NAIL. CENTER NAIL IS FOR THE RIGHT HAND ONLY.

RH ROOF PANEL NORMAL VIEW



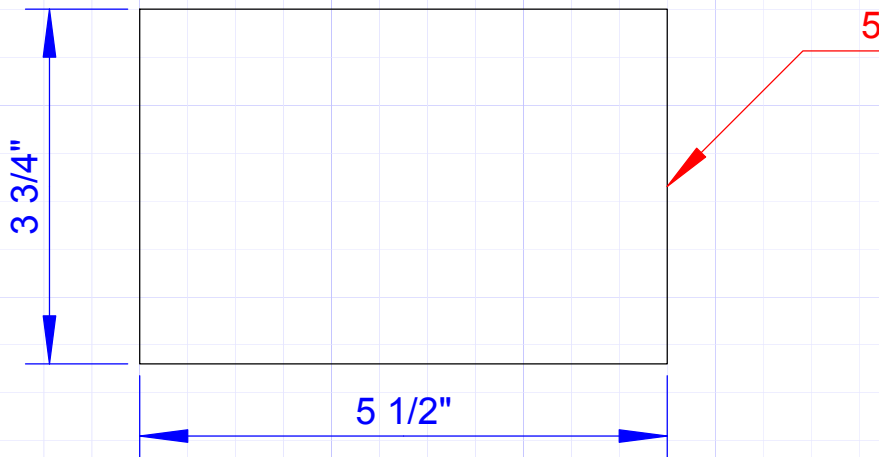
RH ROOF PANEL SIDE VIEW



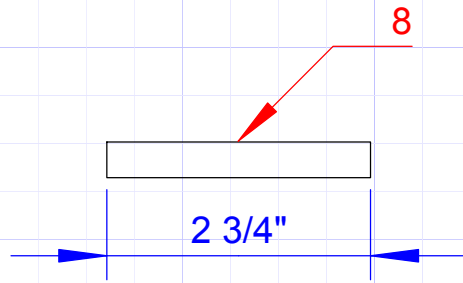
RH WALL PANEL SIDE VIEW

RH WALL PANEL FRONT VIEW

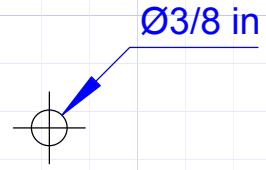
LH WALL PANEL IS MIRROR IMAGE



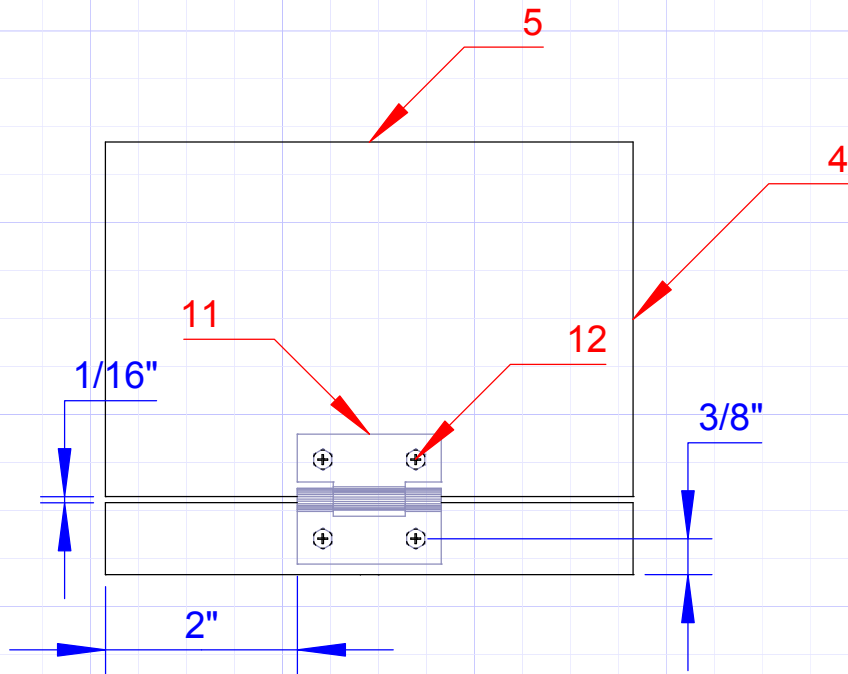
BOTTOM PANEL



PERCH SIDE VIEW

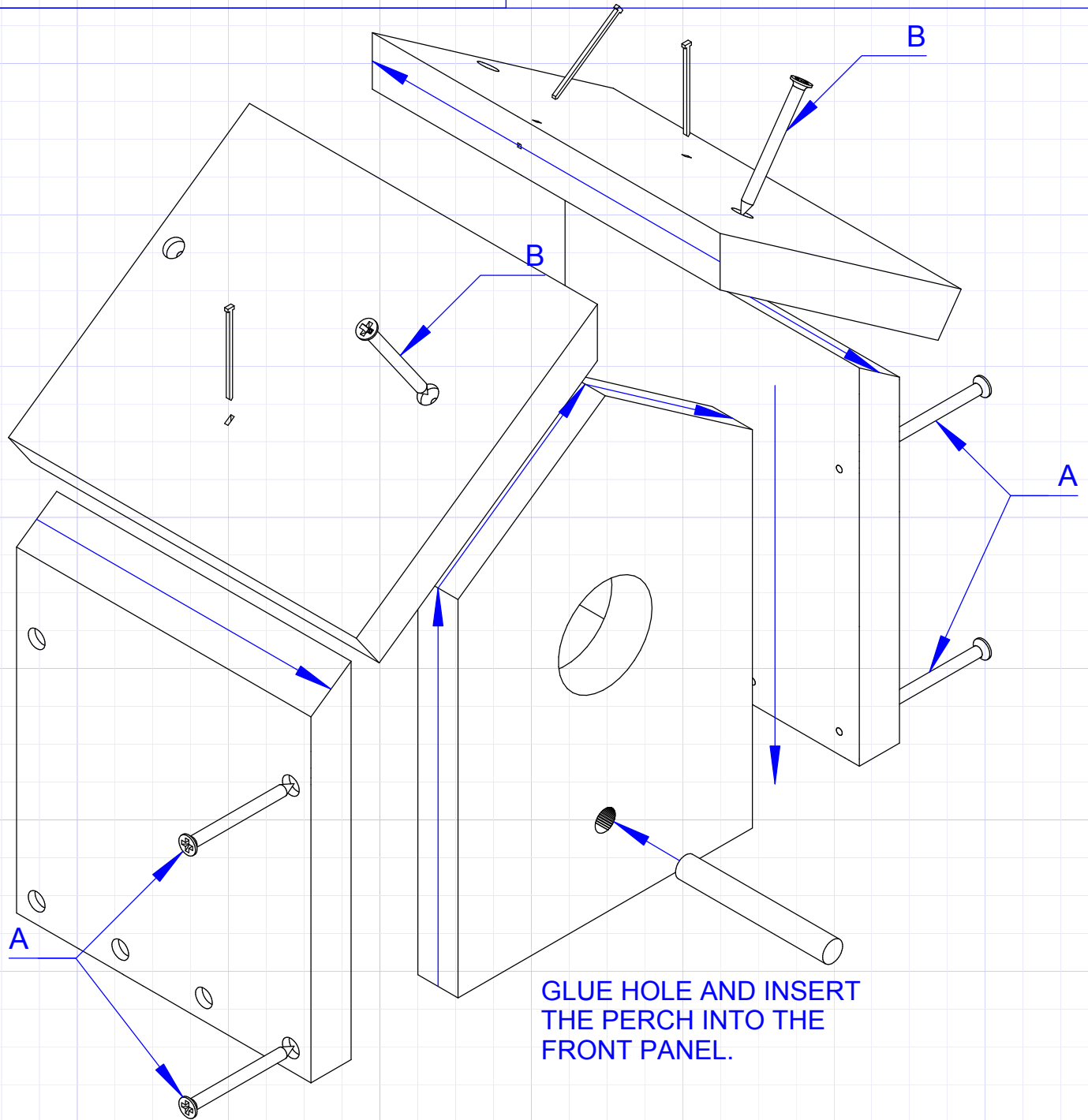


PERCH END VIEW



ATTACH REAR WALL/BOTTOM W/HINGE



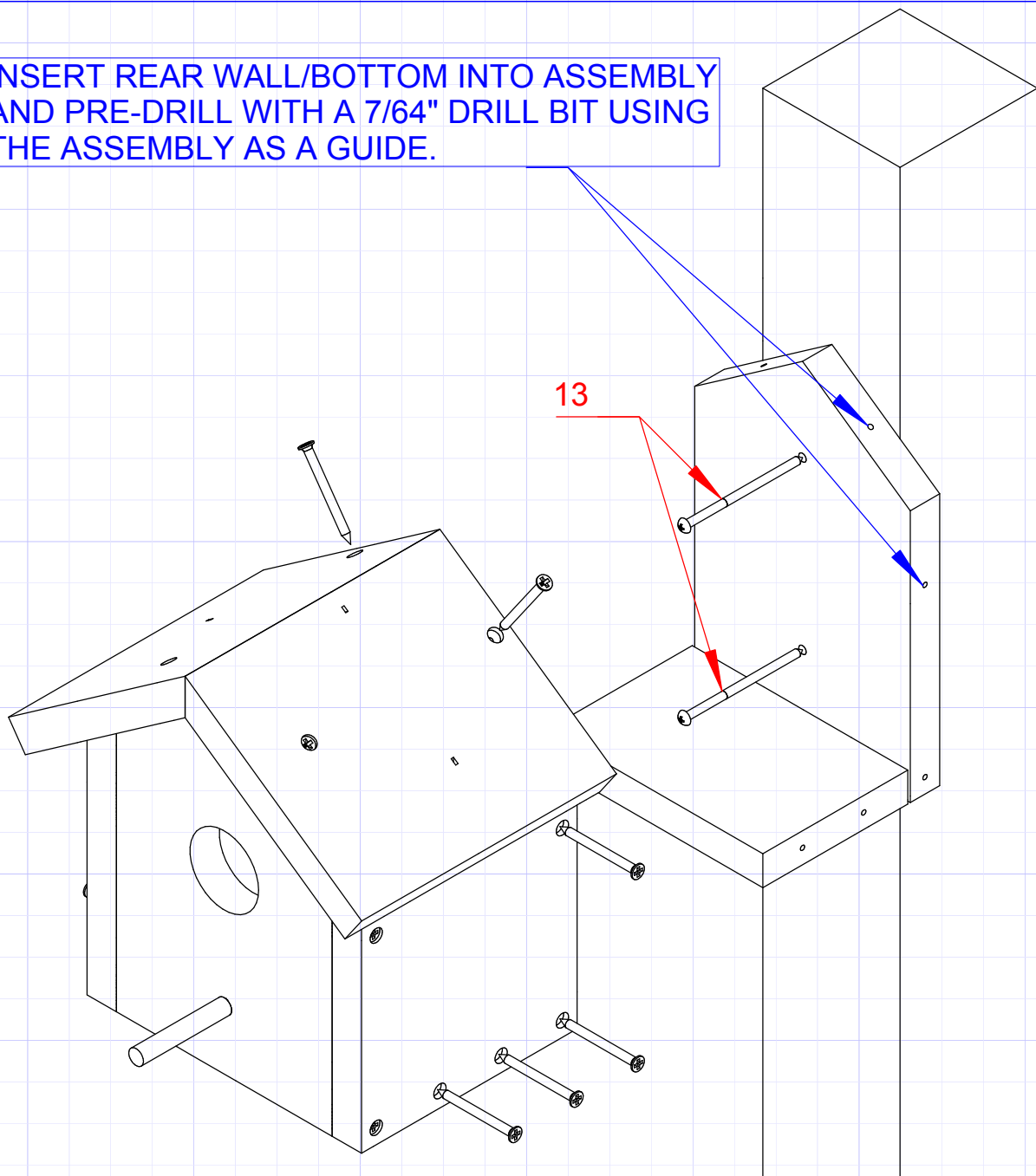


GLUE HOLE AND INSERT  
THE PERCH INTO THE  
FRONT PANEL.

#### MAIN ASSEMBLY

1. LOOSELY FIT PANELS TOGETHER TO VERIFY FIT.
2. GLUE PANEL SURFACES AS SHOWN BY ARROWS
3. THE BOTTOM/REAR PANELS CAN BE POSITIONED TO ALLOW FOR CLAMPING THE STRUCTURE. DON'T GLUE THESE PANELS.
4. USING A LARGE C CLAMP, CLAMP THE SIDE WALLS.
5. CHECK FIT. USING A 7/64" DRILL PRE-DRILL FRONT PANEL THROUGH THE SIDE WALLS. SECURE THE SIDE WALLS (A)
6. GLUE SURFACES FOR ROOF. PRE-DRILL FRONT WALL USING THE ROOF PANELS AS A GUIDE (7/64" DRILL). SECURE ROOF PANELS (B).
7. FINAL SECURE ROOF PANELS WITH FINISH NAILS. ALLOW TO DRY.

INSERT REAR WALL/BOTTOM INTO ASSEMBLY AND PRE-DRILL WITH A 7/64" DRILL BIT USING THE ASSEMBLY AS A GUIDE.



1. CHOOSE APPROPRIATE MOUNTING SURFACE.
2. ATTACH REAR WALL/BOTTOM TO SURFACE USING (2) 3" SCREWS.
3. MOUNT ASSEMBLY TO REAR WALL/BOTTOM PANEL.
4. SECURE (6) 2" FASTENERS THRU ASSEMBLY INTO REAR WALL.
5. SECURE BOTTOM PANEL USING (4) 2" SCREWS.



## MISSION STATEMENT

THE MISSION OF THEPLANSPLACE IS TO PROVIDE PRODUCTS THAT ENRICH AND IMPROVE THE LIVES OF OUR CUSTOMERS. WE STRIVE TO PROVIDE INNOVATIVE AND UNIQUE PROJECT PLANS THAT ARE INEXPENSIVE TO PURCHASE, SIMPLE TO UNDERSTAND AND CAN BE CONSTRUCTED WITH COMMON TOOLS AND MATERIALS IN THE QUICKEST POSSIBLE TIME. EACH PLAN IS DESIGNED BY AN EXPERIENCED ENGINEER USING SOLID MODELING IN A 3-D CAD PACKAGE AND CONSTRUCTED TO VERIFY AND CORRECT ANY POSSIBLE DESIGN ISSUES. EACH PLAN INCLUDES A COMPLETELY DETAILED PRINT AND MATERIALS LIST.

## PROJECT DESCRIPTION

THE TRADITIONAL BIRDHOUSE IS STYLED MUCH LIKE BIRDHOUSE DESIGNS OF THE PAST. THE BIRDHOUSE MEASURES 9-1/2" TALL, 9" WIDE AND 6-1/2" LONG. THE COMPACT DESIGN IS VERY STRONG AND STURDY WITH A HINGE MOUNTED BOTTOM DOOR THAT CAN BE USED FOR SEASONAL CLEANOUT. THE DESIGN HAS BEEN OPTIMIZED FOR MATERIAL USAGE RESULTING IN TWO COMPLETE BIRDHOUSES FROM A SINGLE 8 FOOT BOARD.

## SAFETY CONSIDERATIONS

- ALWAYS WEAR SAFETY GLASSES WHEN USING POWER TOOLS.
- ALWAYS FOLLOW MANUFACTUER DIRECTIONS AND WARNINGS WHEN USING POWER TOOLS. SEE THE LINK BELOW:
  - [http://www.powertoolinstitute.com/pti\\_pages/safety.asp](http://www.powertoolinstitute.com/pti_pages/safety.asp)
- WHEN HANGING THE FINISHED PRODUCT GET A HELPER TO HOLD THE LADDER OR PASS TOOLS.
- BUILD THE PROJECT IN AN OPEN, NEAT, ORGANIZED AND WELL LIT WORKSPACE.

## TOOLS REQUIRED

1	COMPOUND MITER, RADIAL ARM OR TABLE SAW
2	DRILL OR DRILL PRESS
3	BUILDERS SQUARE
4	TAPE MEASURE
5	PENCIL
6	C-CLAMP (THROAT OPENING OF 9")
7	#8 COUNTERSINK BIT
8	DRILL BITS: 1/16", 7/64", 3/16", 3/8"
9	Ø 1.75" HOLE SAW (OPTIONAL Ø 1.5")
10	COPY OF PLANS

## GENERAL NOTES AND TIPS

1. THE PLANS ARE ARRANGED TO BE BUILT STARTING AT THE FIRST PAGE AND WORKING THROUGH THE DOCUMENT TO THE END.
2. MEASURE TWICE, CUT ONCE.
3. IF BOARD HAS A DIFFERENT SURFACE FINISH ON ONE SIDE (ROUGH CUT) MAKE SURE TO TAKE THIS INTO ACCOUNT WHEN CUTTING TO MAKE SURE ROUGH FINISH IS ON THE OUTSIDE.

## PLAN BACKGROUND

A WHILE BACK MY FATHER WAS CLEANING OUT HIS GARAGE AND BROUGHT ME OUT THE BIRDHOUSE THAT WE HAD MADE MANY YEARS AGO AT A BOY SCOUT EVENT. HE SAID, "HERE IS YOUR BIRDHOUSE". YEA, I THOUGHT, WHAT DO YOU WANT ME TO DO WITH THIS? IT WAS VERY LARGE AND I WAS NOT SURE HOW TO EVEN GO ABOUT HANGING IT SHORT OF MOUNTING IT TO A FLAGPOLE. I DID NOTICE THAT ALTHOUGH THE DESIGN WAS LARGE THERE WERE SOME CLEVER ASPECTS TO IT ESPECIALLY THE USE OF DIFFERENT WIDTHS OF WOOD TO HELP MINIMIZE CUTTING. I THEN BEGAN TO THINK ABOUT BUILDING A MORE MODERN AND MANAGEABLE DESIGN.

I WAS NOT SURE OF HIS EXACT MOTIVES FOR BRINGING THE BIRDHOUSE OUT TO ME. IT COULD BE THAT WE HAD BOUGHT A HOUSE IN THE COUNTRY ON SEVERAL ACRES WITH LOTS OF MATURE TREES AND A WHOLE LOT OF BIRDS. MAYBE HE THOUGHT THIS WAS AN EXCELLENT PLACE TO HAVE A BIRDHOUSE. NOT SURE, HE COULD HAVE JUST BEEN ON A CLUTTER REDUCTION MISSION. ANYWAY, I SET THE BIRDHOUSE ASIDE AND WENT ON TO OTHER PRESSING ISSUES BUT NOT REALLY FORGETTING THAT I HAD A DESIRE TO DO SOMETHING WITH THE IDEA.

LIVING IN THE COUNTRY HAS GIVEN US LOTS OF EXPERIENCE WITH BIRDS. WE HAVE HAD ROBINS BUILD THEIR NESTS UNDER OUR DECK PREVENTING US FROM GOING OUT THERE IN FEAR THEY'D STAY AWAY FROM THEIR EGGS TOO LONG. WE HAVE ALSO HAD BLUE JAYS PECKING HOLES IN OUR TRIM. I HAVE NO IDEA WHY THEY DO THAT BUT I SURE HATE IT. JUST A COUPLE OF DAYS AGO THERE WAS A BABY FINCH IN THE GRASS WHO HAD APPARENTLY FALLEN OUT OF HIS NEST. MY WIFE GENTLY MOVED HIM TO A SAFE AREA MAKING SURE NOT TO GET THE HUMAN SMELL ON HIM. I NOTICED HIM WHILE I CAME UPON HIM WHILE CUTTING THE GRASS!

ALL OF THIS ASIDE WE HAVE HAD SOME GREAT EXPERIENCES TOO. MANY TIMES DURING THE SPRING AND SUMMER WE ARE AWAKENED IN THE MORNING TO THEIR SINGING AND CHIRPING OUTSIDE OUR OPEN WINDOW. WE HAVE A GREAT VARIETY OF BIRDS COMING AND GOING. ONE EARLY WEEKEND MORNING WHILE SITTING ON MY FRONT PORCH I NOTICE THAT A RATHER LARGE AREA OF OUR OPEN GRASS WAS COVERED WITH HUNDREDS OF BIRDS FEEDING. AS I WATCHED THEM I BEGAN TO REALIZE THAT THEY WERE ALL THE SAME KIND. AHHH, I THOUGHT, IS THIS WHERE THE SAYING "BIRDS OF A FEATHER FLOCK TOGETHER" COMES FROM? AN OLD SAYING COMING OUT OF A SIMPLER TIME WHEN PEOPLE HAD MORE TIME AND LESS DISTRACTIONS TO BE ABLE TO WATCH AND REFLECT ON SUCH THINGS.

ANYWAY, NOT SURE ABOUT THAT OLD SAYING BUT BY BEING ABLE TO BUILD TWO MODERN BIRDHOUSES FROM THIS PLAN YOU MAY BE ABLE TO FIGHT BACK ON THE COMPLEXITIES OF THE MODERN WORLD AND DEVELOP YOUR OWN MODERN SAYING. CAN I SUGGEST? "BIRDS OF A FEATHER LIVE TOGETHER".





	NAME	PLAN	USAGE	PART NO	NOMINAL THICKNESS/DIAMETER	NOMINAL WIDTH	LENGTH	QUANTITY	COST EA US\$	TOTAL US\$	ITEM #/ SKU	MODEL #	SOURCE	COMMENTS
WOOD	1 IN. X 6 IN. X 8 FT. ROUGH FASCIA BOARD	S		1-7	1	6	8'	1	\$9.85	\$9.85	350457	0072208	THE HOME DEPOT	
	3/8 IN. ROUND HARDWOOD DOWEL	S		8	Ø 3/8"		4'	1	\$0.98	\$0.98	145923	38-4EDC	THE HOME DEPOT	
FASTENERS	#8 2 IN. PHILLIPS FLAT-HEAD WOOD DECK SCREWS (1 LB.-PACK)	S		9			2"	1	\$6.58	\$6.58	133938	204844078	THE HOME DEPOT	
	#8 X 3 IN. ZINC-PLATED STEEL ROUND-HEAD WOOD SCREW (2-PACK)	S		13				1	\$1.18	\$1.18	809001	809001	THE HOME DEPOT	
	#15 X 1-1/2 IN. 4D BRIGHT STEEL FINISH NAILS (1 LB.-PACK)	S		10			1-1/2"	1	\$2.68	\$2.68	192619	4F1	THE HOME DEPOT	
HARDWARE	1-1/2 IN. SATIN BRASS NON-REMOVABLE PIN NARROW UTILITY HINGES (2-PACK)	S		11-12				1	\$2.27	\$2.27	613541	15377	THE HOME DEPOT	
ADHESIVES, STAIN, PAINT	11.5 OZ. SATIN HELMSMAN INDOOR/OUTDOOR SPAR URETHANE AEROSOL SPRAY	O						1	\$8.98	\$8.98	191201	33255	THE HOME DEPOT	
	8 OZ. CARPENTERS WOOD GLUE MAX	S						1	\$4.57	\$4.57	803751	E7300	THE HOME DEPOT	
SPECIAL TOOLS	VERMONT AMERICAN 1-3/4 IN. CARBON STEEL HOLE SAW WITH MANDREL	T			Ø 1.75"			1	\$6.99	\$6.99	519259	18328	THE HOME DEPOT	INTERIOR/EXTERIOR

S = STANDARD PLAN  
O = OPTIONAL USE  
NA = NOT AVAILABLE  
PT = PRESSURE TREATED  
N/A = NOT APPLICABLE  
T=TOOL



MATERIAL COST \$23.54  
GLUE/PAINT/STAIN \$13.55  
SPECIAL TOOLS \$6.99

UPDATED 2015

**TOTAL \$44.08**

NOTE 1:PRICES PROVIDED ONLY AS A GUIDE FOR ESTIMATING PLAN COSTS.  
FUTURE COSTS = TOTAL X (1 + IR)<sup>(YEAR-2015)</sup> IR = INFLATION RATE, US AVG ~2%