

CLASSIC BLUEBIRD HOUSE

Free Plan Preview



5 of 6 build steps | Measured part layouts | Removable roof

Measured cedar parts, illustrated assembly and a roof that lifts off for cleaning.

BEFORE YOU BUILD

Read the whole sequence and check your actual cedar stock and hardware before cutting.

CLASSIC BLUEBIRD HOUSE

Free vs Premium

Both editions use the same illustrated build pages. The premium plan adds the back-panel operation and complete purchasing guidance.



Compare what is included

Features	Free plan	Premium
Steps included	5	6
Illustrated build steps	✓	✓
Size and model views	✓	✓
Roof and part details	✓	✓
Shopping and cutting lists		✓
Tools and hardware guidance		✓
Back-panel build step		✓
Technical support		✓

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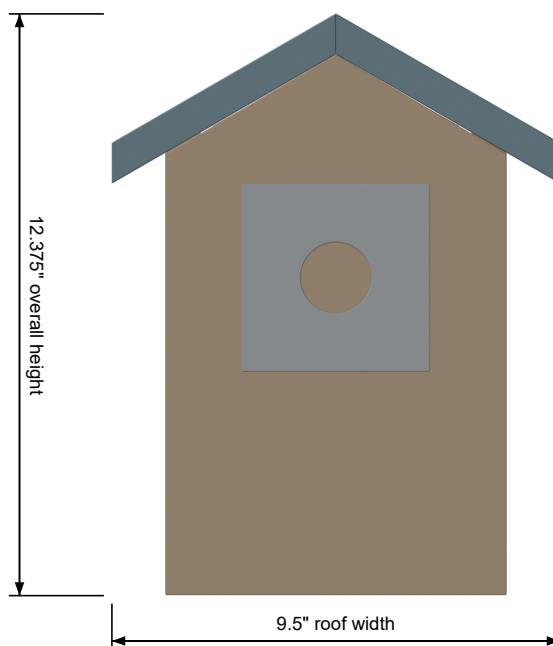
30-day money-back guarantee

CLASSIC BLUEBIRD HOUSE

Size & Dimensions: Front + Right

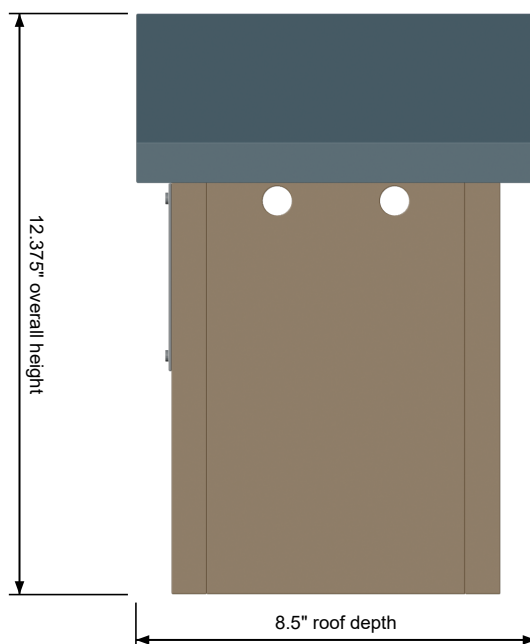
Finished orthographic views. Roof measurements include the eaves; use the part layouts for individual cuts.

FRONT



All dimensions in inches; measured across the finished roof.

RIGHT



All dimensions in inches; measured across the finished roof.

MEASUREMENT DATUM

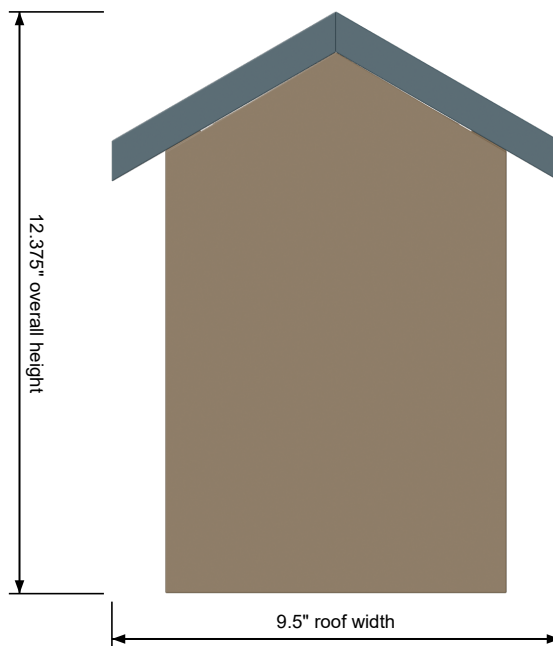
Model and source dimensions describe finished geometry. Check material thickness and dry-fit the removable roof.

CLASSIC BLUEBIRD HOUSE

Size & Dimensions: Rear + Left

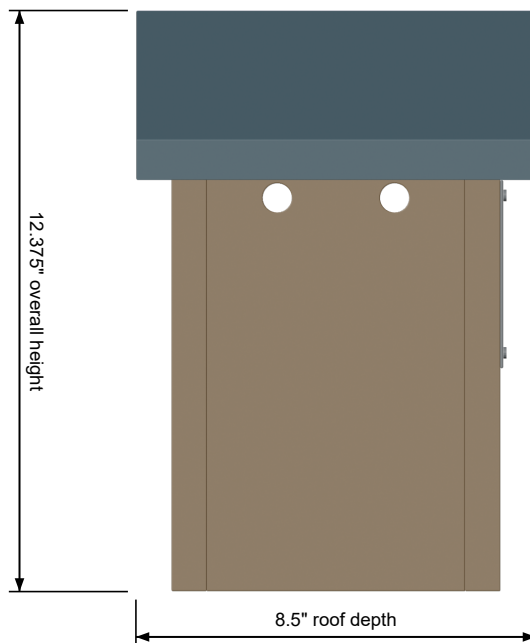
Finished orthographic views. Roof measurements include the eaves; use the part layouts for individual cuts.

REAR



All dimensions in inches; measured across the finished roof.

LEFT



All dimensions in inches; measured across the finished roof.

MEASUREMENT DATUM

Model and source dimensions describe finished geometry. Check material thickness and dry-fit the removable roof.

CLASSIC BLUEBIRD HOUSE

Model View



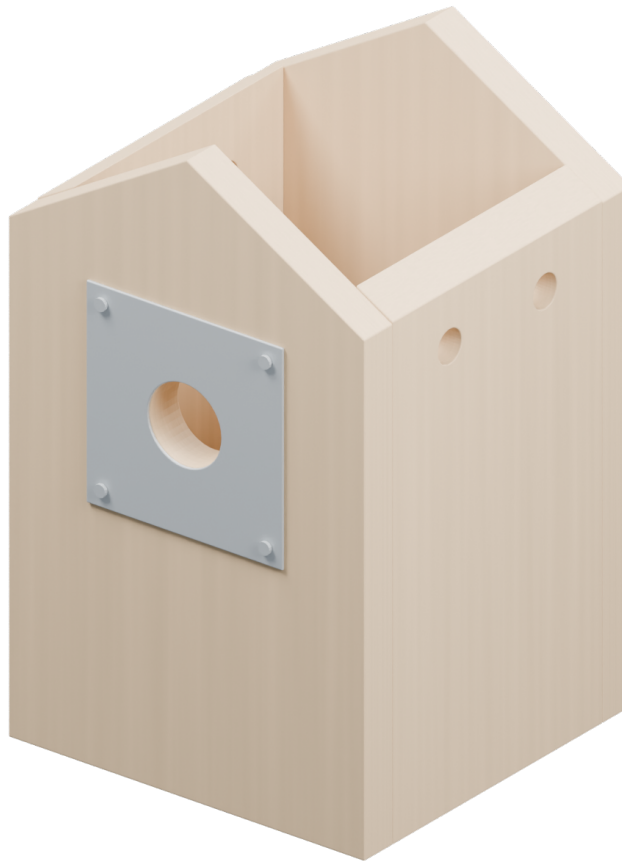
The completed cedar house has a guarded entrance, high side vents and a removable roof.

ROOF FIT

The two underside cleats locate the removable roof between front and rear gables. Dry-fit before final fastening.

CLASSIC BLUEBIRD HOUSE

Model View Roof Removed



Lift off the roof to reach the nesting chamber for cleaning. The cleats locate it between the front and rear gables.

ROOF FIT

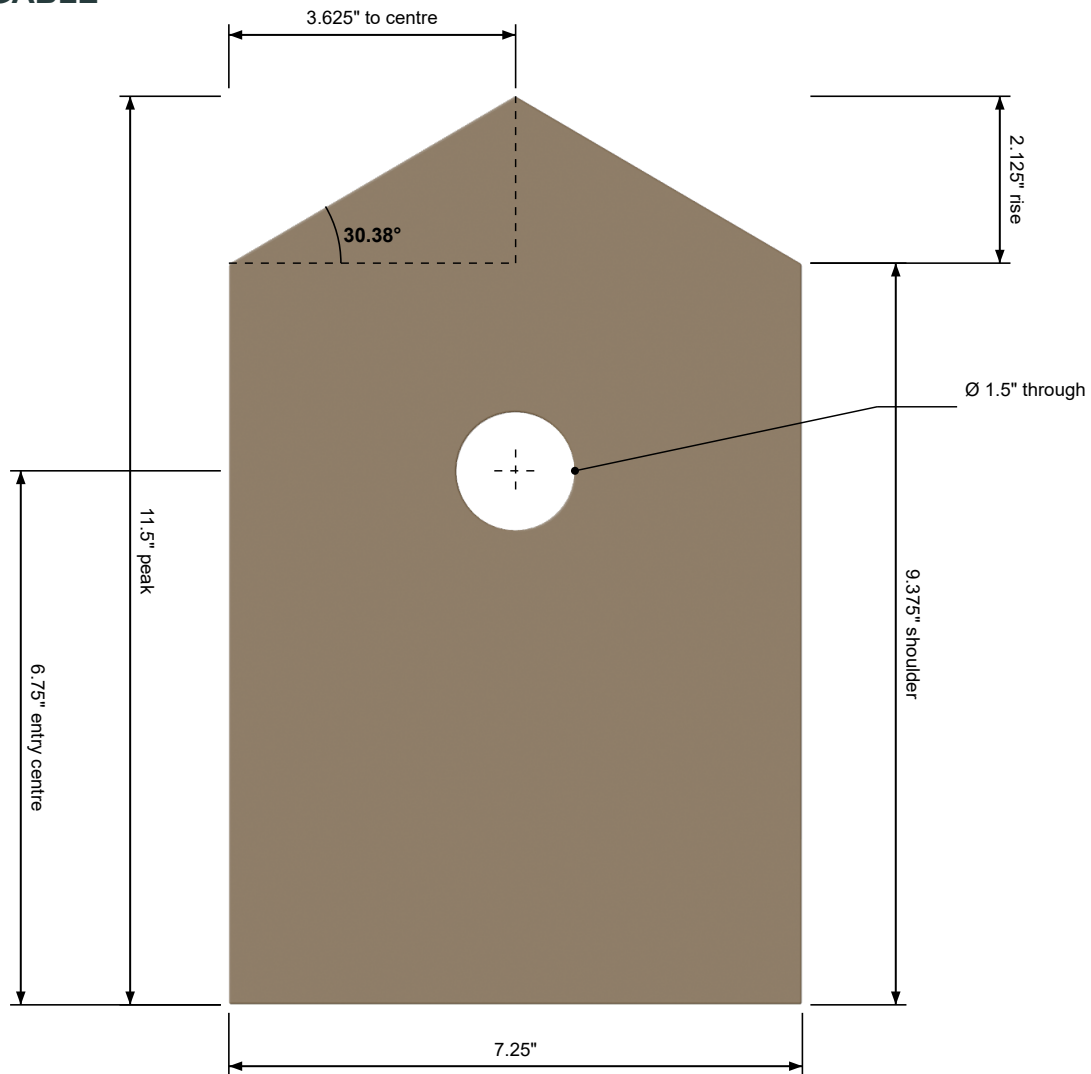
The two underside cleats locate the removable roof between front and rear gables. Dry-fit before final fastening.

CLASSIC BLUEBIRD HOUSE

Front Gable: Profile Cuts

Prepare the front before assembly. Mark the centre peak and both shoulder points, then join the marks with straight cut lines.

B / FRONT GABLE



1. Mark shoulders 9.375" above the square base and the peak at 11.5".
2. Cut the two outline slopes; keep the blade square through 0.75" stock.

The dimensioned rise/run gives 30.38°; the source rounds this to 30°. Follow the marked profile, then dry-fit both gables to the roof.

FACE PROFILE CUT

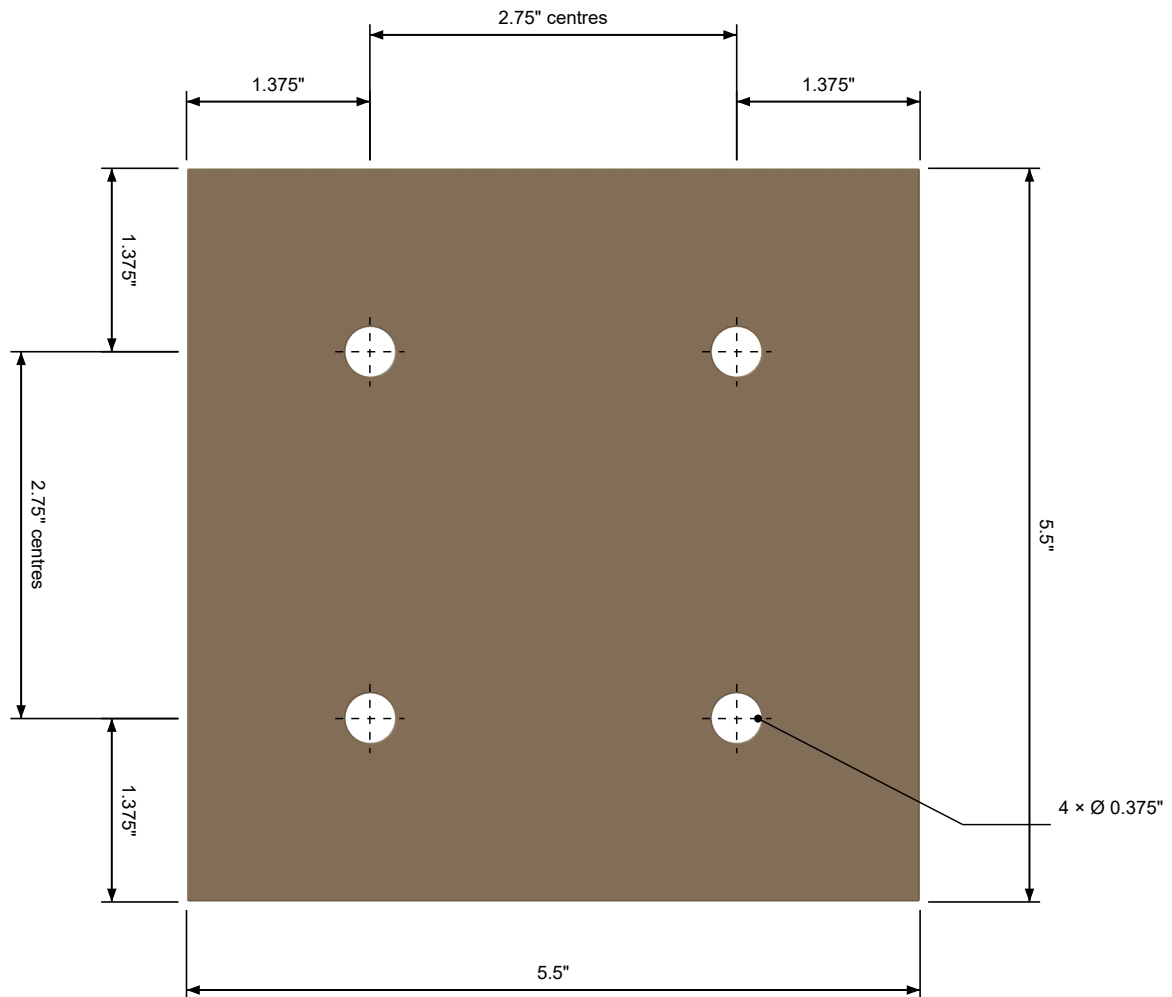
Centre the entrance on the 3.625" centreline. Prepare the floor and inside grooves on the following pages before joining the parts.

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Floor: Drain Layout

Cut and drill the floor before attaching it to the front. All four drain centres use the same edge offsets.

A / FLOOR — TOP VIEW



Cut: 5.5" x 5.5" x 0.75" cedar. All four edges are square cuts.

Mark the 2.75" centre square; bore four 0.375" through-drains.

PREPARE BEFORE ASSEMBLY

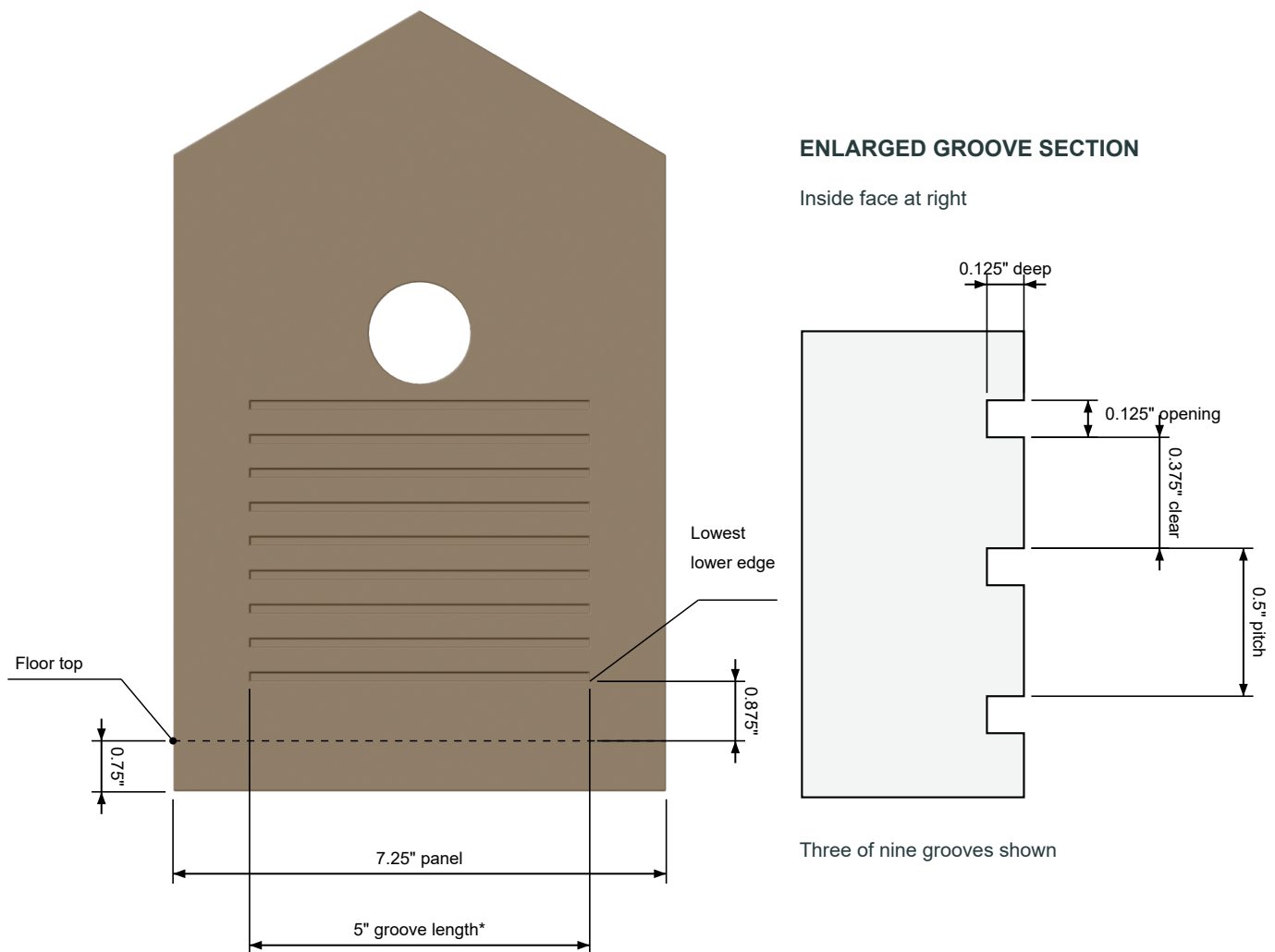
Clear the drain holes and ease their edges. Keep them open when the floor is fastened between the walls.

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Inside Front: Climbing Grooves

Cut nine horizontal grooves on the inside face before attaching the floor. Measure the first groove from the TOP of the fitted floor, not from the panel base.

INSIDE FACE / FRONT



9 grooves × 0.125" opening × 0.125" depth; 0.375" clear gaps.

*5" length and 1.125" end insets follow the model layout.

Lowest lower edge: 0.875" above floor top = 1.625" above panel base.

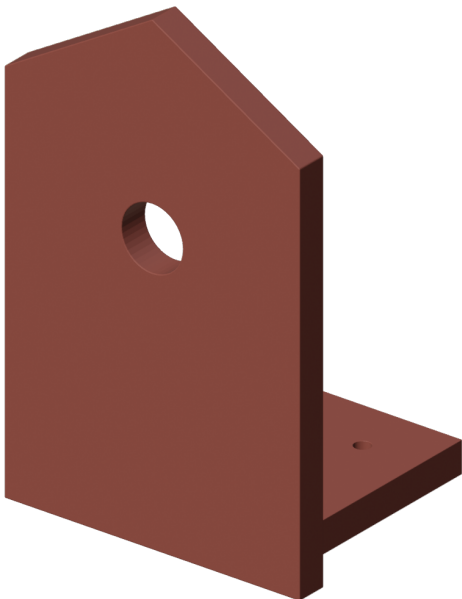
CUT BEFORE JOINING

Use the same depth stop for every groove. Keep the exterior smooth and preserve the wall thickness behind the grooves.

STEP 01 / 06

Join the floor and front

Use the front and floor prepared on the preceding cutting pages. Face the nine climbing grooves inward and align the floor with the panel base.



Current additions appear in muted red.

Pos.	Part / description	Material	Cut dimensions	Qty
A	Drained floor	Cedar 1 x 6	5.5 in x 5.5 in	1
B	Front gable	Cedar 1 x 8	7.25 in x 11.5 in	1

Drain diameter: 0.375 in. Entry: 1.5 in. Check the prepared entrance, four drains and groove datum. Pilot drill, then secure the mating edge with #8 x 1 1/2 in stainless screws.

FIT AND FASTEN

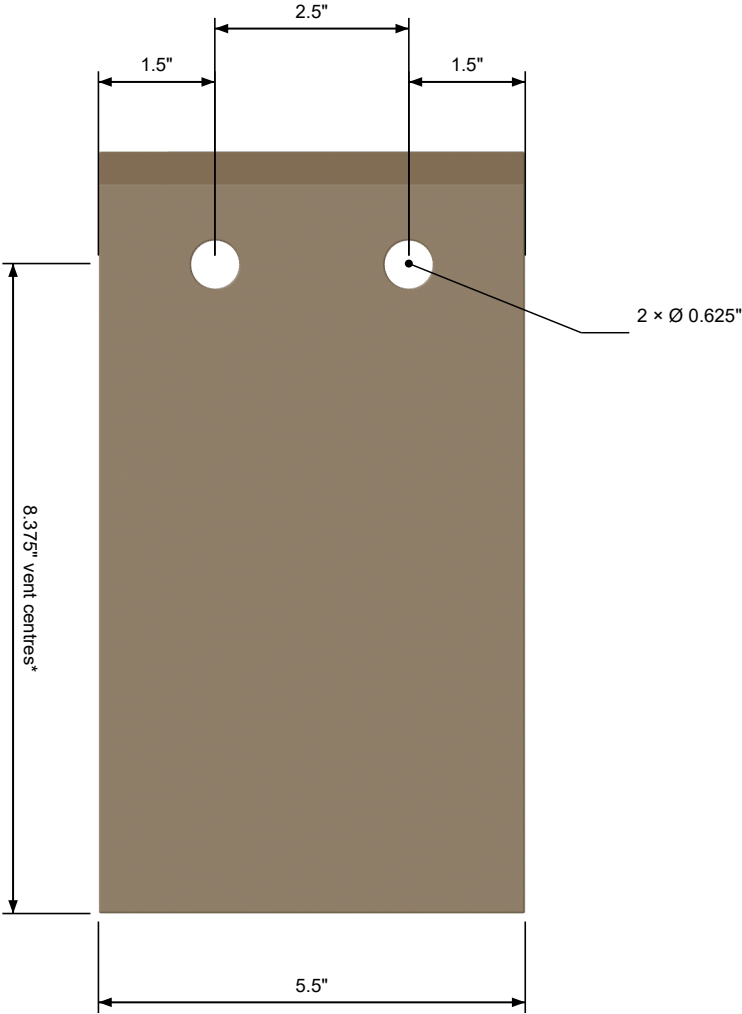
Check the dimensioned part layout, dry-fit every mating edge and pilot drill before assembly.

CLASSIC BLUEBIRD HOUSE

Side Panels: Vents & Bevel

Prepare two mirrored side panels before fastening. Drill the vents in the broad faces; cut the roof-seat bevel across the 0.75" thickness.

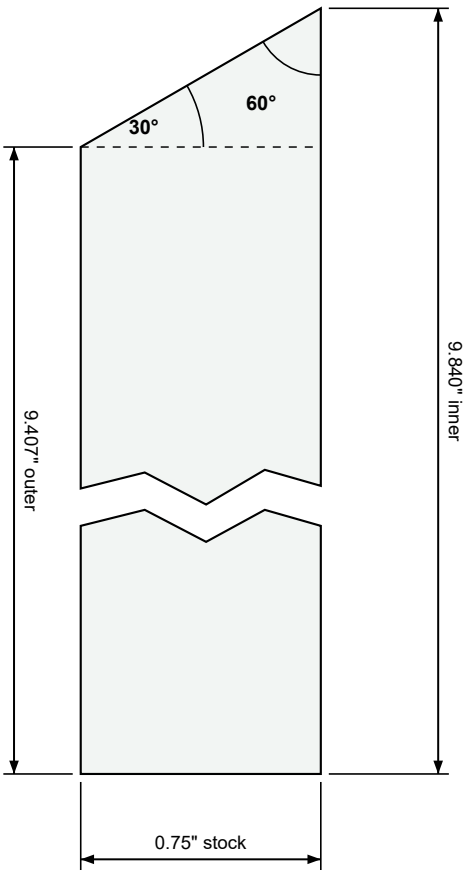
C / VENT LAYOUT — BOTH SIDES



*Model-derived height from base.

ROOF-SEAT TOP BEVEL

Thickness section; height shortened



OUTSIDE

INSIDE

Start from a 5.5" × 9.875" blank. Cut 30° off a square top edge, rising toward the inside. Transfer the actual roof seat and test a scrap cut first.

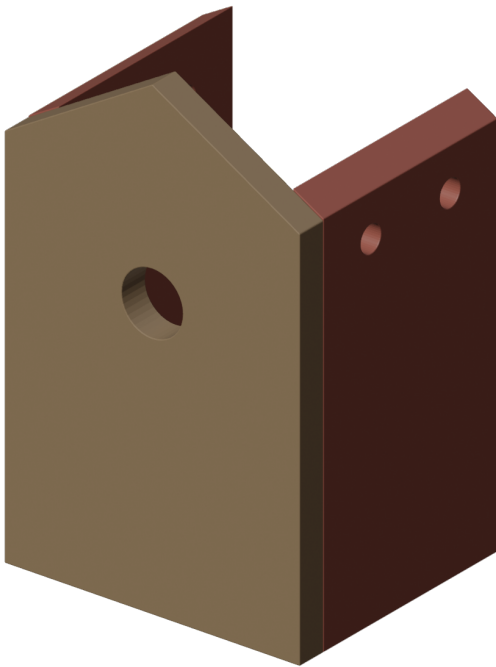
FITTED ROOF SEAT

Use the fitted 9.407" outer and 9.840" inner heights shown above. These replace the source's conflicting 9.5" / 9.875" edge labels. Dry-fit before fastening.

STEP 02 / 06

Add the two sides

Use the two vented, bevelled panels prepared on the preceding side layout. Keep the taller top edge facing inward on both sides.



Current additions appear in muted red.

Pos.	Part / description	Material	Cut dimensions	Qty
C	Side panel blank	Cedar 1 x 6	5.5 in x 9.875 in	2

Vent diameter: 0.625 in. Dry-fit both roof-seat bevels and keep all four vents open. Pilot drill, then fasten the sides with #8 x 1 1/2 in screws.

FIT AND FASTEN

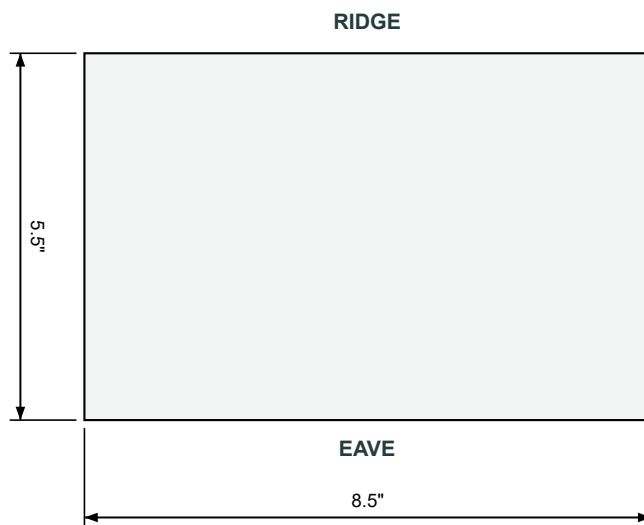
Check the dimensioned part layout, dry-fit every mating edge and pilot drill before assembly.

CLASSIC BLUEBIRD HOUSE

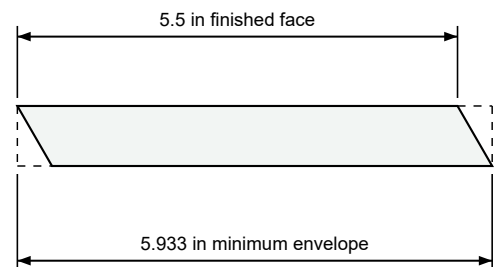
Roof Boards: Edge Cuts

Cut two 8.5-in blanks from 1 x 8 cedar. Bevel the first long edge 30° off square, mark a 5.5-in finished face, then cut the opposite long edge parallel.

FINISHED FACE / TWO BOARDS



FLAT EDGE SECTION



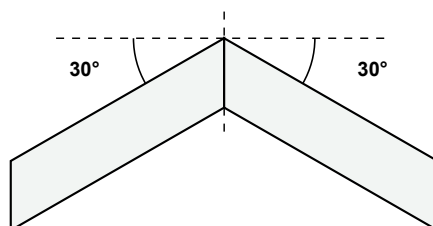
0.75 in thick; parallel bevels

Use the full 7.25-in actual width of 1 x 8 stock for cutting allowance. A 5.5-in-wide 1 x 6 cannot produce this finished section.

Front and back short ends: square 90° crosscuts.

INSTALLED CROSS SECTIONS · ENLARGED

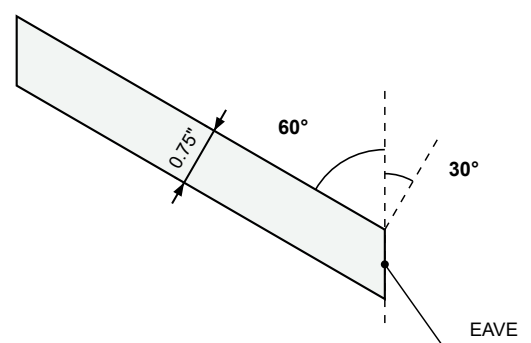
RIDGE · VERTICAL BUTT FACES



120° underside

Ridge faces meet vertically

EAVE · VERTICAL END FACE



60° face / cut

30° off square

Both end faces are 60° to the sloped board face; the saw cut is 30° off square.

Board thickness: 0.75 in perpendicular to each roof face. Test the ridge fit on offcuts.

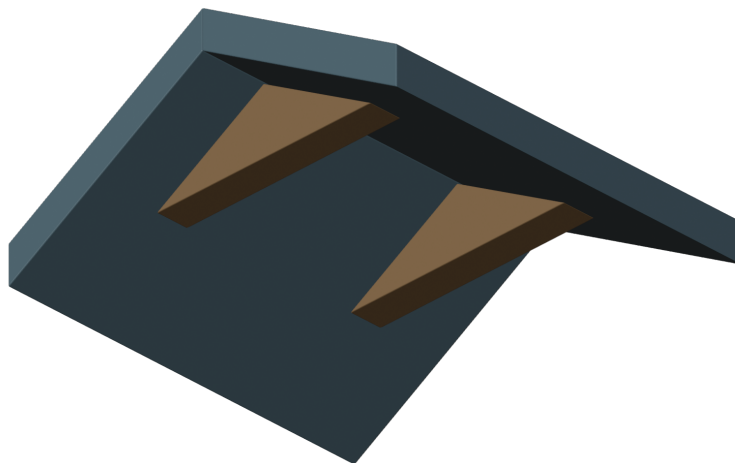
ROOF STOCK CORRECTION

Use 1 x 8 stock in place of the source's 1 x 6 roof callout. The finished roof is unchanged. Keep the blade kerf on the waste side of each marked cut.

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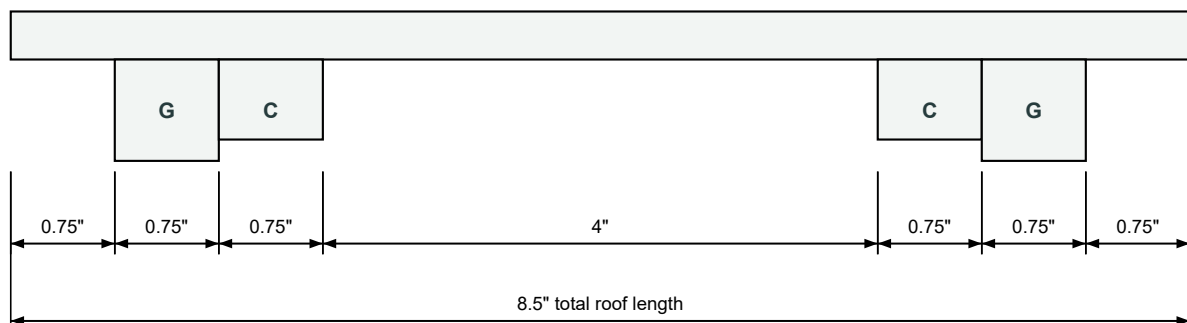
Roof Cleats: Cut & Locate

Fit one triangular cleat near each end of the roof underside. Check the position against the front and rear gables before fastening.



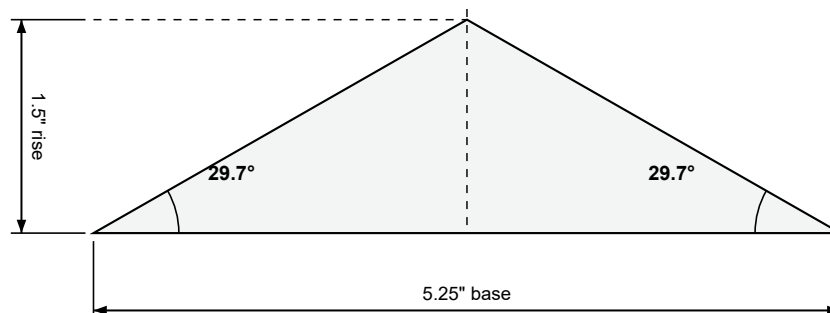
ROOF UNDERSIDE · TWO CLEATS

ALONG ROOF · OUTSIDE CLEAT FACES 1.5 IN FROM EACH ROOF END



G = gable wall · C = cleat · centre opening = 4 in

CLEAT END PROFILE · VIEWED ACROSS THE ROOF



Each cleat is 0.75 in thick along the roof; the source calls the slopes 30° nominal.

REMOVABLE ROOF FIT

Test both cleats between the gables and leave slight clearance so the roof lifts off without forcing.

STEP 04 / 06

Build the removable roof

Use the roof boards and cleats prepared on the two preceding cutting pages. Join the bevelled ridge edges and fit the locating cleats underneath.



Current additions appear in muted red.

Pos.	Part / description	Material	Cut dimensions	Qty
E	Roof board, finished	Cedar 1 x 8	5.5 in x 8.5 in	2
F	Locating cleat blank	Cedar 1 x 6	1.5 in long; fit-cut profile	2

Use #8 x 1 1/2 in stainless screws for roof assembly. Trial-fit the cleats between the gables; the roof must lift off without wedging.

FIT AND FASTEN

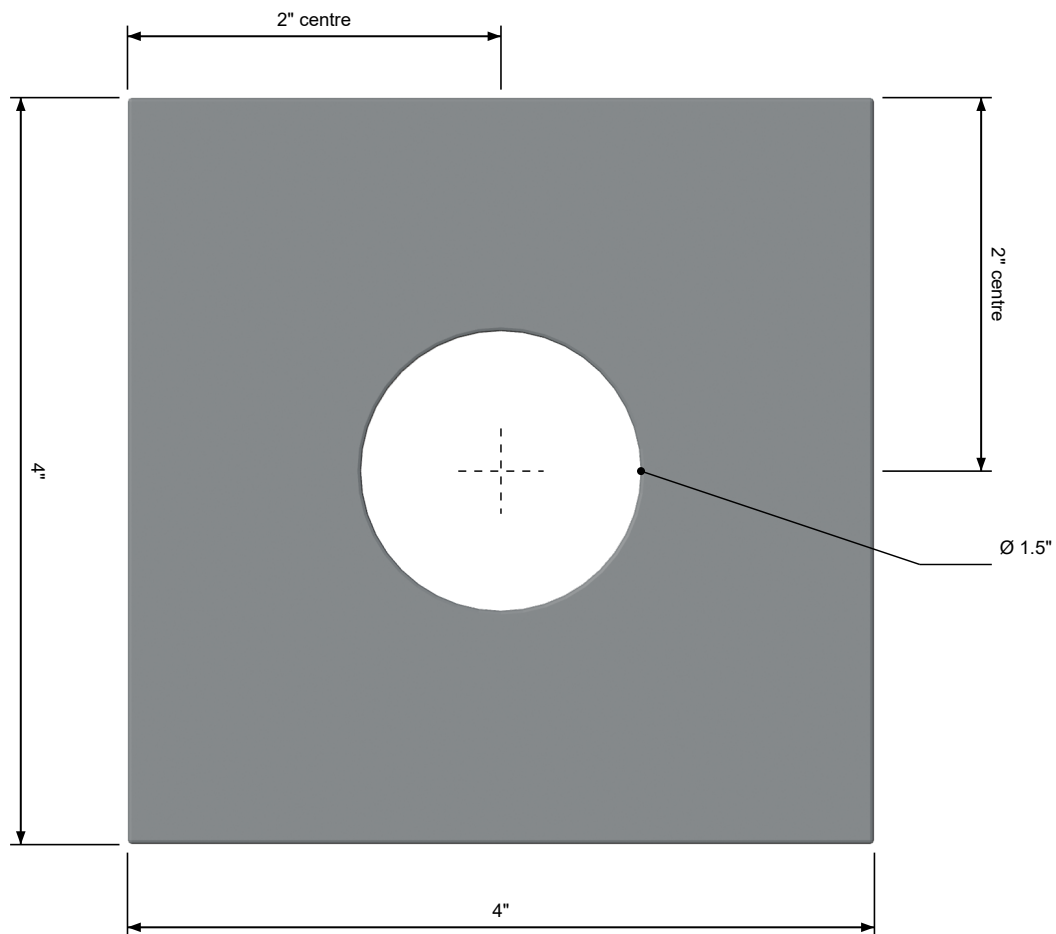
Check the dimensioned part layout, dry-fit every mating edge and pilot drill before assembly.

CLASSIC BLUEBIRD HOUSE

Entrance Guard Layout

Prepare the guard before fitting it to the front. Centre its opening over the entry; mark screw pilots from the actual purchased guard.

G / ENTRANCE GUARD



Use four #8 × 0.5" stainless steel screws.

Mark the four corner pilots using your guard's actual hole pattern. Pilot drill and check that screw tips do not project into the nesting chamber.

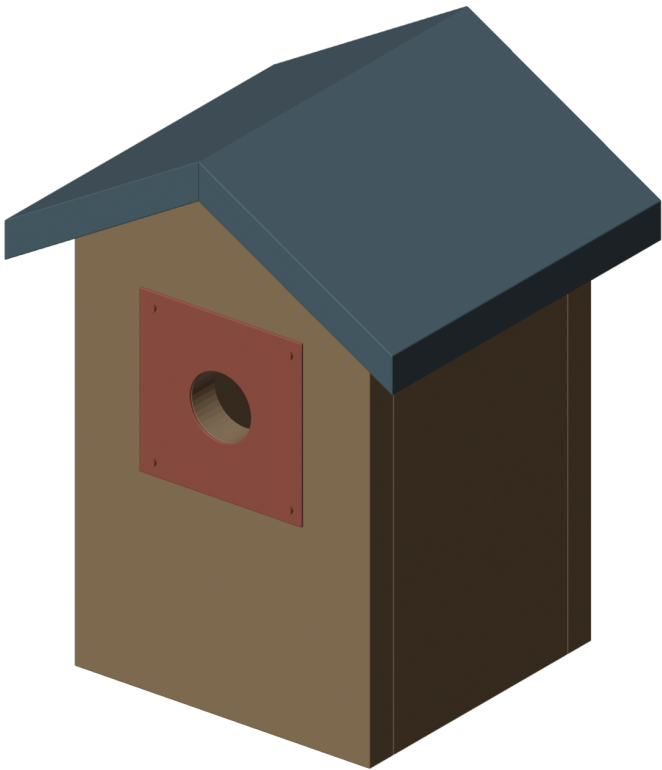
FIT AFTER PANEL PREPARATION

Keep the openings concentric and the guard flush. Use the specified short screws; do not add an exterior perch.

STEP 05 / 06

Fit the entrance guard

Center the square metal guard over the entry and fasten it through its four corners.



Current additions appear in muted red.

Pos.	Part / description	Material	Cut dimensions	Qty
G	Entrance guard	Metal	4 in x 4 in; entry 1.5 in	1
H	Guard screws	Stainless steel	#8 x 0.5 in	4

Use four short #8 x 1/2 in stainless screws. Check that no tips project into the chamber. Do not add a perch.

FIT AND FASTEN

Check the dimensioned part layout, dry-fit every mating edge and pilot drill before assembly.

STEP 06 / 06

Sand, finish and check

Sand exposed edges smooth, check drainage and ventilation, then lift off and reseal the roof to confirm a secure but removable fit.



Final check	Expected result
Entry and guard	1.5 in opening; flush plate; no perch or exposed screw tips
Ventilation and drainage	Two 0.625 in vents per side and four 0.375 in floor drains remain open
Roof	Both boards joined; two cleats locate without forcing; lifts off for cleaning
Fasteners and finish	Screws seated; edges smooth; finish suitable for a bird nesting box

USE AND MAINTENANCE

Choose mounting and maintenance suitable for the intended bird species and local conditions.

CLASSIC BLUEBIRD HOUSE

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