

# 1:12 SCALE OUTDOOR DELUXE CRAFTSMAN DOG HOUSE

Miniature Canine Architecture with Covered Lounging Porch, Lift-Off Roof, & Moisture Barrier Skid Base



|                                         |                                                |                                            |                                       |
|-----------------------------------------|------------------------------------------------|--------------------------------------------|---------------------------------------|
| Scale Factor: 1:12 (1" = 1'0" / 1:12th) | Overall Footprint: 3.50" W × 4.50" D × 4.25" H | Real-World Scale: 3'6" W × 4'6" D × 4'3" H | Stock: 1/8" Baltic Birch / Basswood   |
| Door Opening: 1.25" W × 1.75" H Arched  | Porch Deck: 3.50" W × 1.25" D with Skids       | Roof Pitch: 45° Pitch (12/12 Rafter Slope) | Access: Gravitational Lift-Off Cleats |

MASTER COMPONENT CUT LIST & DIMENSION SCHEDULE (DUAL-UNIT)

All miniature parts are sized for cutting from 1/8" (3mm) Baltic Birch Plywood or Basswood sheets, paired with 1/4" × 1/4" basswood square stock for the foundation skid runners and porch posts.

| ID   | Part Description           | Qty  | Mini Fraction          | Decimal (In)         | Metric (mm)       | 1:12 Real Scale   | Material & Function Notes                                 |
|------|----------------------------|------|------------------------|----------------------|-------------------|-------------------|-----------------------------------------------------------|
| P1   | Base Floor & Porch Deck    | 1    | 3-1/2" × 4-1/2"        | 3.500 × 4.500        | 88.9 × 114.3      | 3'6" × 4'6"       | Subfloor with scored 1/4" cedar plank lines               |
| P2   | Front Gable Wall           | 1    | 3-1/2" × 4-0"          | 3.500 × 4.000        | 88.9 × 101.6      | 3'6" × 4'0"       | 45° peak (2.25" eave); 1.25" × 1.75" arched doorway       |
| P3   | Rear Gable Wall            | 1    | 3-1/2" × 4-0"          | 3.500 × 4.000        | 88.9 × 101.6      | 3'6" × 4'0"       | Solid rear gable; optional 3/8" high circular vent        |
| P4   | Left Side Wall             | 1    | 3-0" × 2-1/4"          | 3.000 × 2.250        | 76.2 × 57.2       | 3'0" × 2'3"       | Solid side panel; optional 1.0" × 1.0" 4-pane window      |
| P5   | Right Side Wall            | 1    | 3-0" × 2-1/4"          | 3.000 × 2.250        | 76.2 × 57.2       | 3'0" × 2'3"       | Exterior scribed with 3/16" lap siding grooves            |
| P6-A | Roof Slope (Left)          | 1    | 2-3/4" × 5-1/8"        | 2.750 × 5.125        | 69.9 × 130.2      | 2'9" × 5'1.5"     | 45° beveled ridge; extends 1.50" over porch               |
| P6-B | Roof Slope (Right)         | 1    | 2-3/4" × 5-1/8"        | 2.750 × 5.125        | 69.9 × 130.2      | 2'9" × 5'1.5"     | Mating 45° slope; glued at ridge for lift-off roof        |
| P7   | Roof Alignment Cleats      | 2    | 2-1/4" × 1-1/8"        | 2.250 × 1.125        | 57.2 × 28.6       | 2'3" × 1'1.5"     | Triangular guides glued to roof underside                 |
| T1   | Ground Skid Runners        | 2    | 1/4" × 1/4" × 4-1/2"   | 0.250 × 0.250 × 4.5  | 6.4 × 6.4 × 114.3 | 3" × 3" × 4'6"    | Basswood square stock; lifts deck 1/4" (moisture barrier) |
| T2   | Porch Support Posts        | 2    | 1/4" × 1/4" × 2-1/4"   | 0.250 × 0.250 × 2.25 | 6.4 × 6.4 × 57.2  | 3" × 3" × 2'3"    | Vertical porch timber columns supporting roof overhang    |
| T3   | Doorway Arch Casing        | 1    | 1/16" × 1-1/2" × 2"    | 0.062 × 1.50 × 2.0   | 1.6 × 38.1 × 50.8 | 1" × 1'6" × 2'0"  | Face trim ring painted crisp white around doorway         |
| T4   | Corner Trim Strips         | 4    | 1/16" × 3/16" × 2-1/4" | 0.062 × 0.188 × 2.25 | 1.6 × 4.8 × 57.2  | 1" × 2.25" × 2'3" | Conceals corner butt joints; painted craftsman white      |
| A1-3 | Steps, Bowls & Bone Plaque | 1 ea | Miniature Accents      | Assorted             | Assorted          | Assorted          | 2-step entry ramp, twin feeding bowls, bone name plaque   |

ELEVATION SCHEMATICS & JOINERY GEOMETRY

FRONT ELEVATION & PORCH (Looking North) SIDE ELEVATION & LONGITUDINAL PROFILE (Looking East) /\ <-- Ridge Peak Apex: Y = 4.00" |<---- CABIN ENCLOSED (3.25") ---->|<-- PORCH (1.25") -->| / \ +-----+ / 45°\ Roof Overhang: 1/4" Side Eaves \ 45° ROOF SLOPE (P6) / / \ \ / +-----+ <-- Eave Baseline: Y = 2.25" +-----+<-- Eave Y=2.25" | [BONE] | <-- Plaque: 1.00" x 0.38" | | |===| .-----| ===| <-- Twin Porch Timber Posts (T2) | CABIN WALL (P4 / P5) | PORCH | <-- Front Post (T2) | T2 | | | T2 | | (3.00" x 2.25") | POST | | | | <-- Arched Entry Opening: 1.25" W x 1.75" H | | (T2) | +=====+<-- Deck Surface: Y = 0.25" +-----+<-- Deck (P1) | [=== SKID T1 ===] | <-- Skid Clearance: 0.25" (3" Real) | FOUNDATION SKID RUNNER (T1) | <-- 0.25" H +-----+ +=====+ |== A1 ==| <-- 2-Step Porch Ramp

STEP-BY-STEP WORKSHOP CRAFTSMAN MANUAL

| PHASE 1: MATERIAL PREPARATION & SCRIBING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PHASE 2: BASE SKIDS & CABIN JOINERY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| <ul style="list-style-type: none"><li>• <b>Plank Deck Scribing:</b> On top face of deck P1 (3.50" × 4.50"), score parallel longitudinal lines every 1/4" (0.250") using a craft scribe or back of razor blade. Simulates rustic 3" outdoor cedar planks.</li><li>• <b>Siding Scribing:</b> On exterior faces of walls P2, P3, P4, P5, score horizontal lines every 3/16" (0.188") to mimic American craftsman lap siding.</li><li>• <b>45° Gable Cuts:</b> On P2 and P3, mark center at X = 1.75" and eave at Y = 2.25". Cut straight lines to apex at Y = 4.00" (exact 45° angle, 1.75" rise over 1.75" run).</li><li>• <b>Arched Door Cutout:</b> On P2, lay out doorway 1.25" wide centered (X = 1.125" to 2.375"). Cut straight vertical jambs to Y = 1.125", then carefully score a 5/8" (0.625") radius semi-circle arch up to Y = 1.75".</li></ul> | <ul style="list-style-type: none"><li>• <b>Glue Skid Runners:</b> Invert deck P1. Glue the two 1/4" × 1/4" × 4.50" basswood skids T1 flush along the bottom edges. Provides 1/4" (3" real) air clearance to prevent moisture rot.</li><li>• <b>Erect Rear Gable (P3):</b> Glue P3 flush to the rear edge of deck P1 at a strict 90° angle using miniature machinist squares.</li><li>• <b>Attach Side Walls (P4, P5):</b> Glue side walls to the floor, inset 1/8" from outer edges, running forward 3.00" from the rear wall.</li><li>• <b>Install Front Gable (P2):</b> Glue front gable against front edges of side walls. The remaining 1.25" of deck projects forward forming the open lounging porch!</li><li>• <b>Corner Trim (T4):</b> Glue four 1/16" × 3/16" × 2.25" strips vertically over the exterior corners to conceal plywood edges.</li></ul> |
| PHASE 3: PORCH COLUMNS & ARCH TRIM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PHASE 4: REMOVABLE ROOF & SHINGLING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <ul style="list-style-type: none"><li>• <b>Seat Front Posts (T2):</b> Glue the two 1/4" × 1/4" × 2.25" timber posts vertically on the front outer corners of the deck (1.25" forward of front wall). Tops align flush with eave baseline.</li><li>• <b>Arched Door Casing (T3):</b> Cut matching arch trim from 1/16" basswood or dense white cardstock and glue around doorway with a 1/16" reveal.</li><li>• <b>Porch Steps (A1):</b> Glue two stepped 1/8" slabs together (1.25" × 0.75" base, 1.25" × 0.40" top) and adhere centered at front edge of deck.</li><li>• <b>Bone Name Plaque (A3):</b> Cut 1.00" × 0.38" bone plaque, letter pet name (e.g. 'ROVER'), and mount centered above the door arch.</li></ul>                                                                                                                                  | <ul style="list-style-type: none"><li>• <b>Bevel Ridge &amp; Glue:</b> Sand a 45° bevel along top edge of P6-A and P6-B. Tape exterior joint with blue painter's tape, fold open like a book, run wood glue into groove, and fold to 90°.</li><li>• <b>Triangular Cleats (P7):</b> Place glued roof on cabin. Mark inner gable locations on roof underside. Glue the two triangular cleats P7 1/32" inside marks. <b>Result: Roof lifts off freely for interior access yet locks squarely under gravity!</b></li><li>• <b>Asphalt Shingle Simulation:</b> Cut 120-grit black emery sandpaper or heavy charcoal paper into 1/2" strips with 1/4" tab slits. Glue with 1/8" reveal, topped with a folded ridge cap.</li></ul>                                                                                                                                    |

CRAFTSMAN FINISHING & STYLING TIPS:

- **Stain:** Apply Minwax Golden Oak or Natural Cedar oil stain to the siding and deck for authentic wood grain.
- **Trim Contrast:** Paint corner boards, porch columns, and arched doorway casing in crisp satin white or forest green.
- **Interior Comfort:** Fold a 2.5" × 2.5" swatch of flannel plaid fabric into a miniature pet cushion for inside the cabin.
- **Feeding Station:** Glue two small silver metal eyelets or beads into the porch deck beside the doorway to simulate food & water bowls!