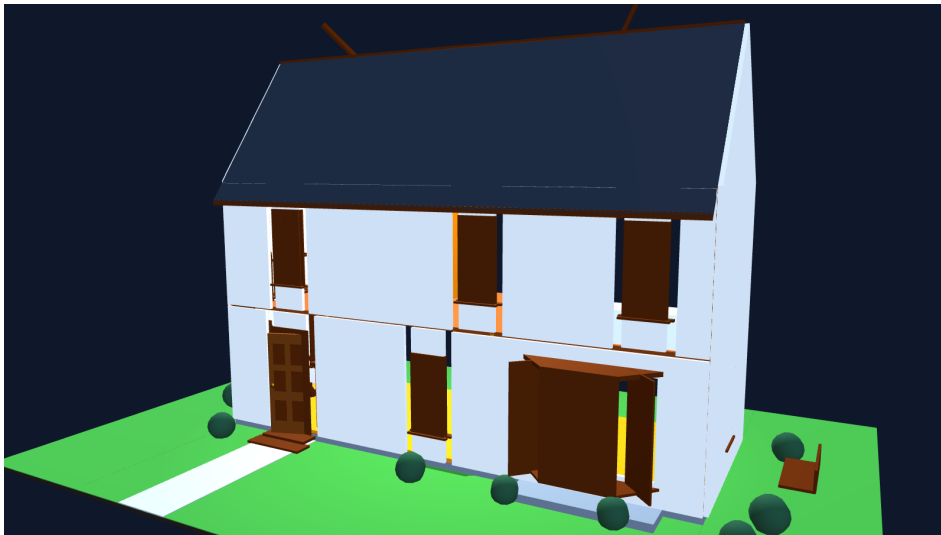


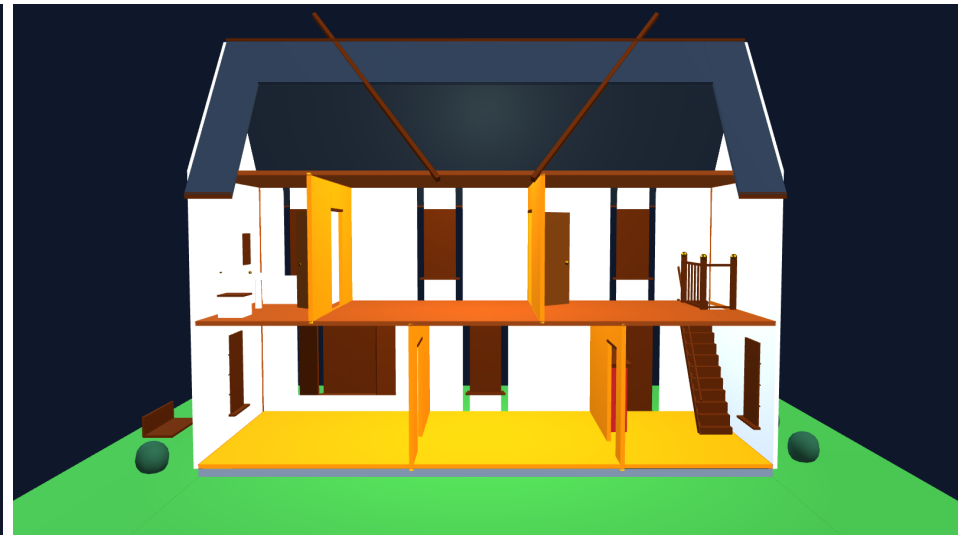
VICTORIAN GOTHIC REVIVAL DOLLHOUSE (1:12 SCALE)

Complete Workshop Master Architectural Plan Set • Interactive 3D WebGL Model Companion

OVERALL CARCASS: 32.00" WIDE × 12.00" DEEP × 24.90" PEAK HEIGHT (54.5° PITCH)



3D Model: Front Gothic Facade, 45° Bay Window & Steep Gable

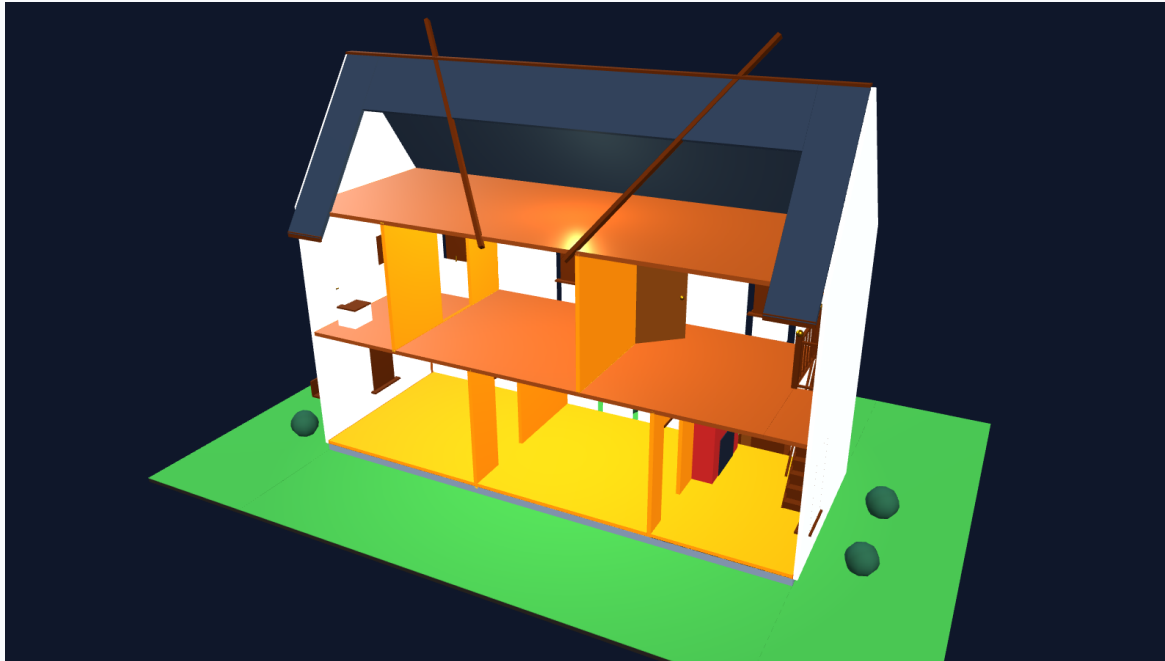


3D Model: Rear Open-Back Layout (3 Stories, 6 Rooms, Fireplace & Stairs)

PROJECT SPECIFICATIONS	SCALE & HEADROOM	MATERIALS & STOCK	WORKSHOP CUT SHEETS
• Style: Victorian Gothic Revival • Layout: 3 Stories, 6 Rooms + Attic • Levels: Base, 2nd Fl, Attic Deck • Width: 32" (32.00" Carcass) • Depth: 12" (12.00" Carcass) • Peak Height: 24.90" (24-7/8" to Ridge)	• Scale: 1:12 (1" = 1'0" True Scale) • Level 1 Ceilings: 8.00" Clear Height • Level 2 Ceilings: 8.00" Clear Height • Finished Attic: 8.40" (8'5" Headroom) • Roof Pitch: 54.5° Gable (16.8/12) • Slope Run: 12-1/16" (12.04")	• Carcass Wood: 1/4" Baltic Birch • Purchased Stock: One (1) 4' × 8' Sheet • Pre-Cut Sections: 35" + 35" + Leftover (~26") • Joinery: 1/8" D × 1/4" W Dados & Rabbets • Saw Method: 4-Fence Table Saw Batch • Bonus Yield: 2.75+ sq ft for Dog House!	• Blueprints: 11 High-Res Cut Sheets • 3D Interactive: dollhouse_visualizer.html • Windows: 7 Identical 2-1/4"×5" (1/8" flange) • Front Door: Birch 2-3/4"×6-3/4" (Flush) • Rear Roof: 27" × 8.40" Peek-In Cutout • Stairs: 2" W Lands at Z=6" (mid-foyer)

1. Interactive 3D Model Architecture & Spatial Analysis

Rendered directly from the companion interactive WebGL engine ([dollhouse_visualizer.html](#)), the dollhouse implements a balanced dual-axis architectural plan: equal room spans, aligned window centers, and clear spatial flow between living zones.



KEY SPATIAL FEATURES IN 3D:

- **Equal Room Spans (31.00" Net Width):**

1st Floor: Living (11.50") + Kitchen (11.50") + Foyer (8.00") = 31.00"

2nd Floor: Bathroom (6.00") + Women (12.50") + Mans (12.50") = 31.00"

- **Foyer Ergonomics:**

The 2" wide staircase lands in the middle of room depth (\$Z = 6.00"\$) and ascends forward toward the front wall (\$Z = 0.00"\$). The Foyer window is positioned at \$Z = 9.00"\$, leaving an exact 1-7/8" clear margin forward of the stairs.

- **Rear Roof Peek-In Cutout:**

A 27" wide × 8.40" high triangular opening in rear panel E2 restores the steep gable roofline from behind while allowing direct hands-on access to the attic floor.

Master Dimension Schedule (Dual-Unit Quick Reference)

Architectural Feature	Decimal (Inches)	Ruler Fraction	1:12 Real Scale	Engineering Function & Architectural Specification
Overall Carcass Width	32.000"	32"	32 ft 0 in	Base plate A1, 2nd Fl A2, Attic A3, Front Facade C1
Overall Carcass Depth	12.000"	12"	12 ft 0 in	Depth of floor decks and side gable walls B1 & B2
Total Height to Roof Ridge	24.900"	24-7/8"	24 ft 11 in	Baseline to apex (16-1/2" eave line + 8.40" peak rise)
Level 1 Clear Ceiling	8.000"	8"	8 ft 0 in	Top face of A1 to underside face of A2 (8.25" partitions)
Level 2 Clear Ceiling	8.000"	8"	8 ft 0 in	Top face of A2 to underside face of A3 (8.25" partitions)
Attic Peak Headroom	8.400"	8-3/8"	8 ft 5 in	Cathedral headroom above deck A3 (exact 20% reduction from 10.50")
Roof Slope Angle (Pitch)	54.462°	54.5°	16.8 / 12 Pitch	Proportional gable pitch: arctan(8.40" rise / 6.00" run)
Roof Slope Rafter Run	12.043"	12-1/16"	12 ft 0-1/2 in	With 1.00" horizontal eave overhang: 7.00" / cos(54.462°)
Front Roof Panel (E1)	32.00" × 12.04"	32" × 12-1/16"	32 ft 0 in × 12 ft 1/2 in	Continuous unbroken front roof sheathing (flush with 32.00" carcass gables)
Rear Roof Panel (E2)	32.00" × 12.04"	32" × 12-1/16"	32 ft 0 in × 12 ft 1/2 in	27" base × 8.40" alt triangular cutout framing rear attic with hands-on reach (flush with gables)
Living Room Clear Width	11.500"	11-1/2"	11 ft 6 in	From left wall inner face to divider D1-A; 2-1/4" x 5" window
Kitchen Clear Width	11.500"	11-1/2"	11 ft 6 in	Between D1-A and D1-B; identical width to Living Room!
Foyer Clear Width	8.000"	8"	8 ft 0 in	Between D1-B and right gable wall; houses 5" fireplace & stairs
Bathroom Clear Width	6.000"	6"	6 ft 0 in	Expanded 6" width accommodates clawfoot tub along front wall
Women's Bedroom Width	12.500"	12-1/2"	12 ft 6 in	Between D2-A and D2-B; window centered with equal 5-1/8" borders
Man's Bedroom Width	12.500"	12-1/2"	12 ft 6 in	Between D2-B and right wall; window aligns over front door
Staircase Assembly	2.00" W × 6.00" L	2" W × 6" L	2 ft W × 6 ft L	12 risers (11/16" rise, 1/2" run); lands in middle of 1st floor (Z=6")

2. Master Rough Opening & Cartesian Cutout Schedule

Every opening is indexed from the **bottom-left corner** of the respective flat panel before assembly. Partitions (D1 & D2) have cutouts starting at **Y = 1/8" (0.125")** above the bottom edge so that walkthroughs and interior doors finish flush with the floor after seating into their deck grooves.

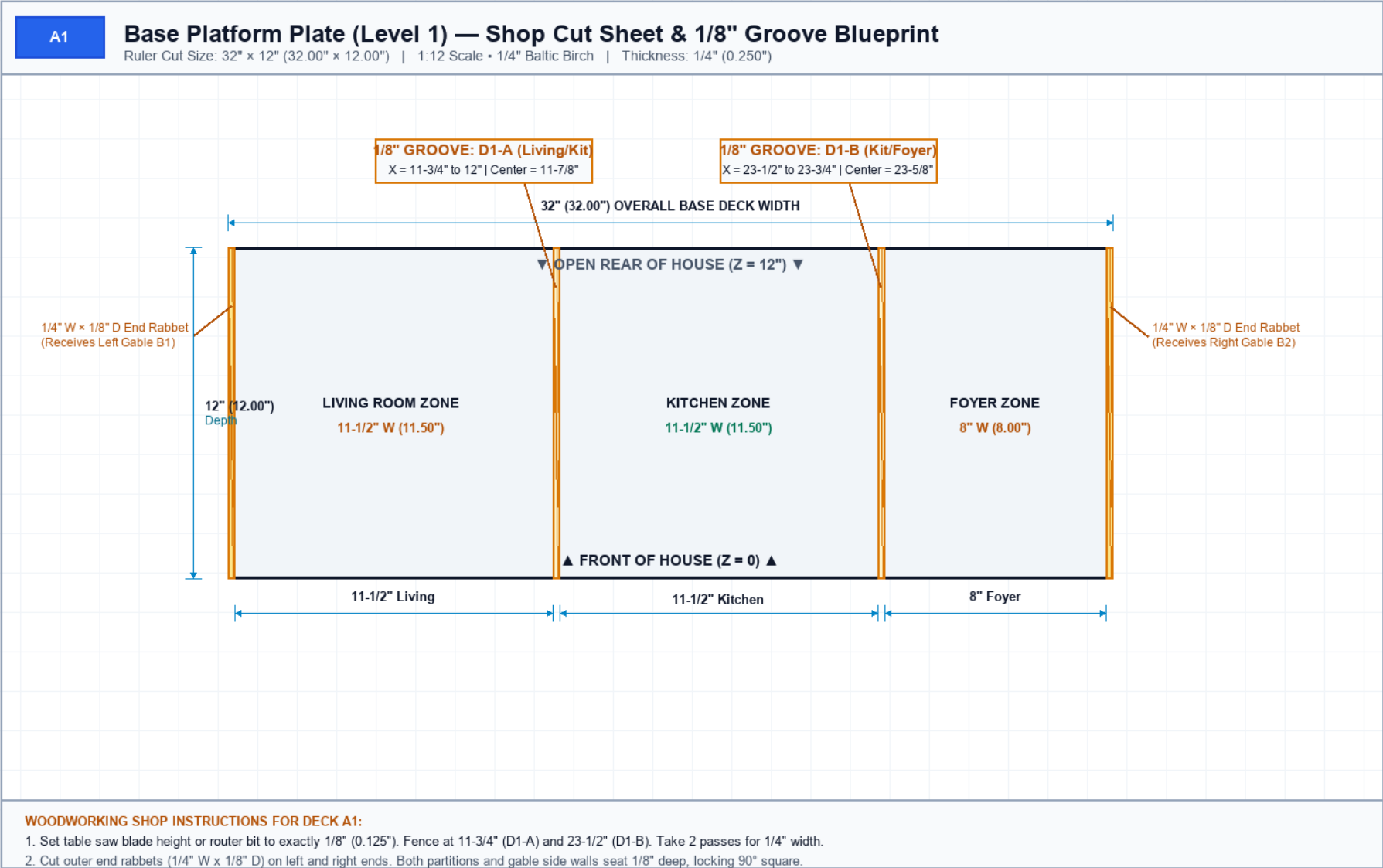
Panel ID	Feature / Opening	Cutout (W × H)	Decimal Cutout	Horizontal Range (X/Z)	Vertical Range (Y)	Centerline	Shop Notes & Architectural Purpose
C1 (Front)	Living Room Window	2-1/4" × 5"	2.25" × 5.00"	X = 4-7/8" to 7-1/8"	Y = 1-1/2" to 6-1/2"	X = 6.00"	Standard 1:12 window; 1/8" exterior flange
C1 (Front)	Kitchen Window	2-1/4" × 5"	2.25" × 5.00"	X = 14-7/8" to 17-1/8"	Y = 1-1/2" to 6-1/2"	X = 16.00"	Centered on house centerline; standard 1:12 window
C1 (Front)	Birch Front Door	2-3/4" × 6-3/4"	2.75" × 6.75"	X = 25-1/8" to 27-7/8"	Y = 0" to 6-3/4"	X = 26.50"	Flush with base plate; authentic 6-panel door
C1 (Front)	Bathroom Window	2-1/4" × 5"	2.25" × 5.00"	X = 2-1/8" to 4-3/8"	Y = 9-3/4" to 14-3/4"	X = 3.25"	Centered over clawfoot tub in 6" bathroom
C1 (Front)	Women Room Window	2-1/4" × 5"	2.25" × 5.00"	X = 11-5/8" to 13-7/8"	Y = 9-3/4" to 14-3/4"	X = 12.75"	Centered in 12-1/2" room with equal 5-1/8" borders!
C1 (Front)	Mans Room Window	2-1/4" × 5"	2.25" × 5.00"	X = 25-3/8" to 27-5/8"	Y = 9-3/4" to 14-3/4"	X = 26.50"	Vertical alignment directly above Front Door below!
B1 (Left)	Living Side Window	2-1/4" × 5"	2.25" × 5.00"	Z = 4-7/8" to 7-1/8"	Y = 1-1/2" to 6-1/2"	Z = 6.00"	Centered in room depth; 2nd floor above is SOLID
B2 (Right)	Foyer Side Window	2-1/4" × 5"	2.25" × 5.00"	Z = 7-7/8" to 10-1/8"	Y = 1-1/2" to 6-1/2"	Z = 9.00"	Moved back! Leaves 1-7/8" clear of stairs landing
D1-A (Div)	Living ↔ Kitchen Walk	3" × 6-1/2"	3.00" × 6.50"	Z = 1/2" to 3-1/2"	Y = 1/8" to 6-5/8"	Z = 2.00"	Open cased walkthrough; no door slab on 1st floor
D1-B (Div)	Kitchen ↔ Foyer Walk	3" × 6-1/2"	3.00" × 6.50"	Z = 7-1/2" to 10-1/2"	Y = 1/8" to 6-5/8"	Z = 9.00"	At rear; leaves front (Z=1/2" to 5-1/2") for 5" fireplace
D2-A (Div)	Bath ↔ Women Door	3-7/16" × 6-5/16"	3.46" × 6.29"	Z = 3-1/2" to 7"	Y = 1/8" to 6-7/16"	Z = 5.25"	Cutout for 1:12 inside door; tub at front, toilet at rear
D2-B (Div)	Women ↔ Mans Door	3-7/16" × 6-5/16"	3.46" × 6.29"	Z = 1" to 4-7/16"	Y = 1/8" to 6-7/16"	Z = 2.72"	Cutout for 1:12 inside door connecting bedrooms
A2 (Deck)	Mans Stair Well Open	2-1/4" × 6"	2.25" × 6.00"	X = 29-1/2" to 31-3/4"	Z = 0" to 6" (Front)	—	Stair opening flushed against front wall and right gable
E2 (Roof)	Attic Triangular Cutout	27" Base × 8.40" Alt	27.00" × 8.40"	X = 3-1/2" to 30-1/2"	Slope 0" to 8.40"	X = 17.00"	Preserves roofline & eaves from back view while providing full hands-on reach into attic

Table Saw / Router Fence Settings for 1/8" (0.125") Grooves:

Deck Panel	Face	Target Partition	Ruler Range (X)	Centerline	Blade Height	Fence Setting & Setup Instructions
A1 (Base)	Top Face	D1-A (Living/Kit)	11-3/4" to 12"	11-7/8"	1/8" (0.125")	Fence at 11-3/4". Two passes with 1/8" blade yield 1/4" width.
A1 (Base)	Top Face	D1-B (Kit/Foyer)	23-1/2" to 23-3/4"	23-5/8"	1/8" (0.125")	Fence at 23-1/2". Two passes with 1/8" blade yield 1/4" width.
A2 (2nd Fl)	Underside	D1-A Top Edge	11-3/4" to 12"	11-7/8"	1/8" (0.125")	Fence at 11-3/4". Ceiling channel locks D1-A top edge square.
A2 (2nd Fl)	Underside	D1-B Top Edge	23-1/2" to 23-3/4"	23-5/8"	1/8" (0.125")	Fence at 23-1/2". Ceiling channel locks D1-B top edge square.
A2 (2nd Fl)	Top Face	D2-A (Bath/Women)	6-1/4" to 6-1/2"	6-3/8"	1/8" (0.125")	Fence at 6-1/4". 2nd floor flooring channel for 6" bathroom wall.
A2 (2nd Fl)	Top Face	D2-B (Women/Mans)	19" to 19-1/4"	19-1/8"	1/8" (0.125")	Fence at 19-0". Creates equal 12-1/2" width for both bedrooms.
A3 (Attic)	Underside	D2-A Top Edge	6-1/4" to 6-1/2"	6-3/8"	1/8" (0.125")	Fence at 6-1/4". Locks D2-A ceiling into underside of attic deck.
A3 (Attic)	Underside	D2-B Top Edge	19" to 19-1/4"	19-1/8"	1/8" (0.125")	Fence at 19-0". Locks D2-B ceiling into underside of attic deck.

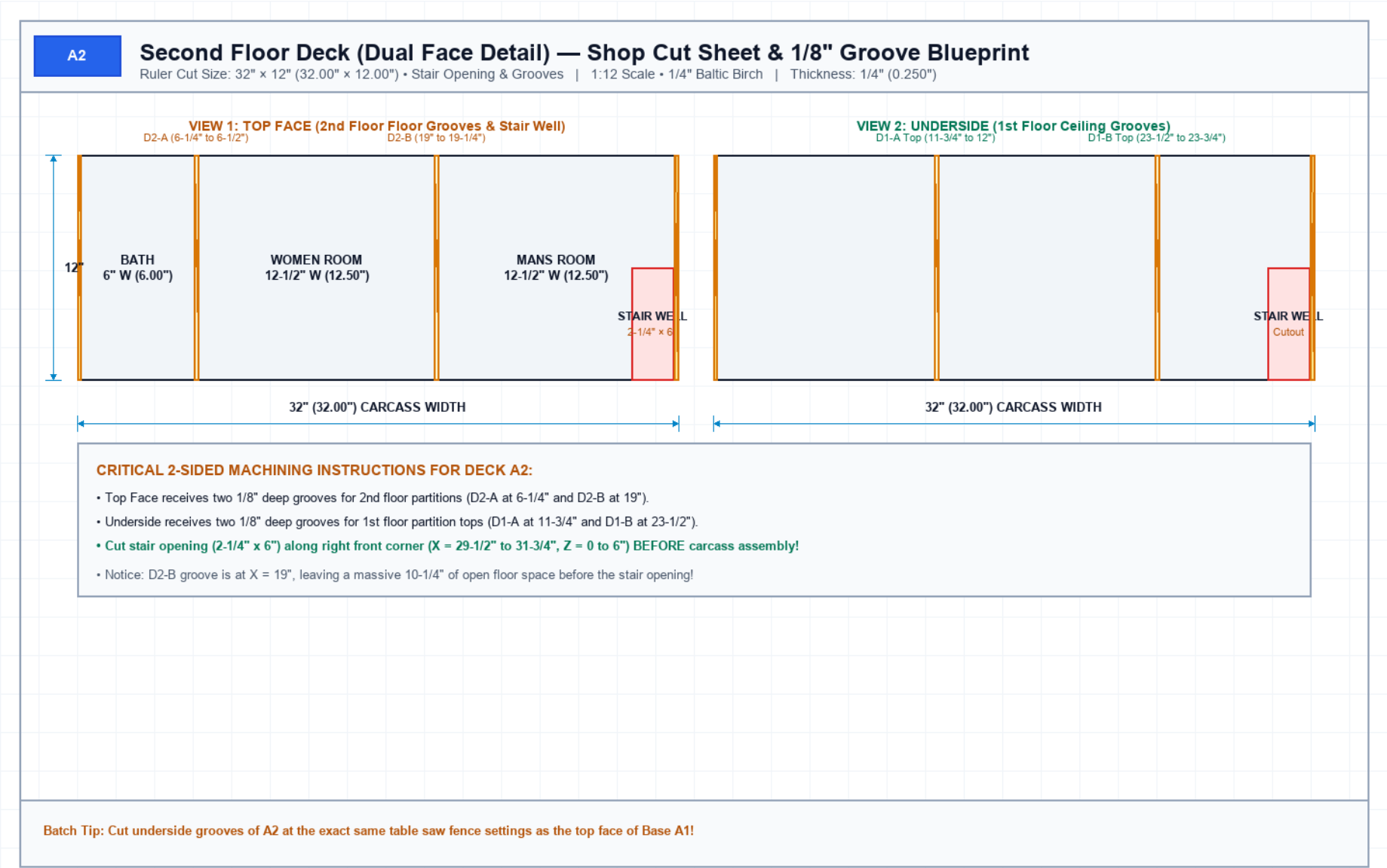
Cut Sheet 01 — Base Platform Deck A1 (Level 1)

32" × 12" (32.00" × 12.00") | Top Grooves & Outer End Rabbets



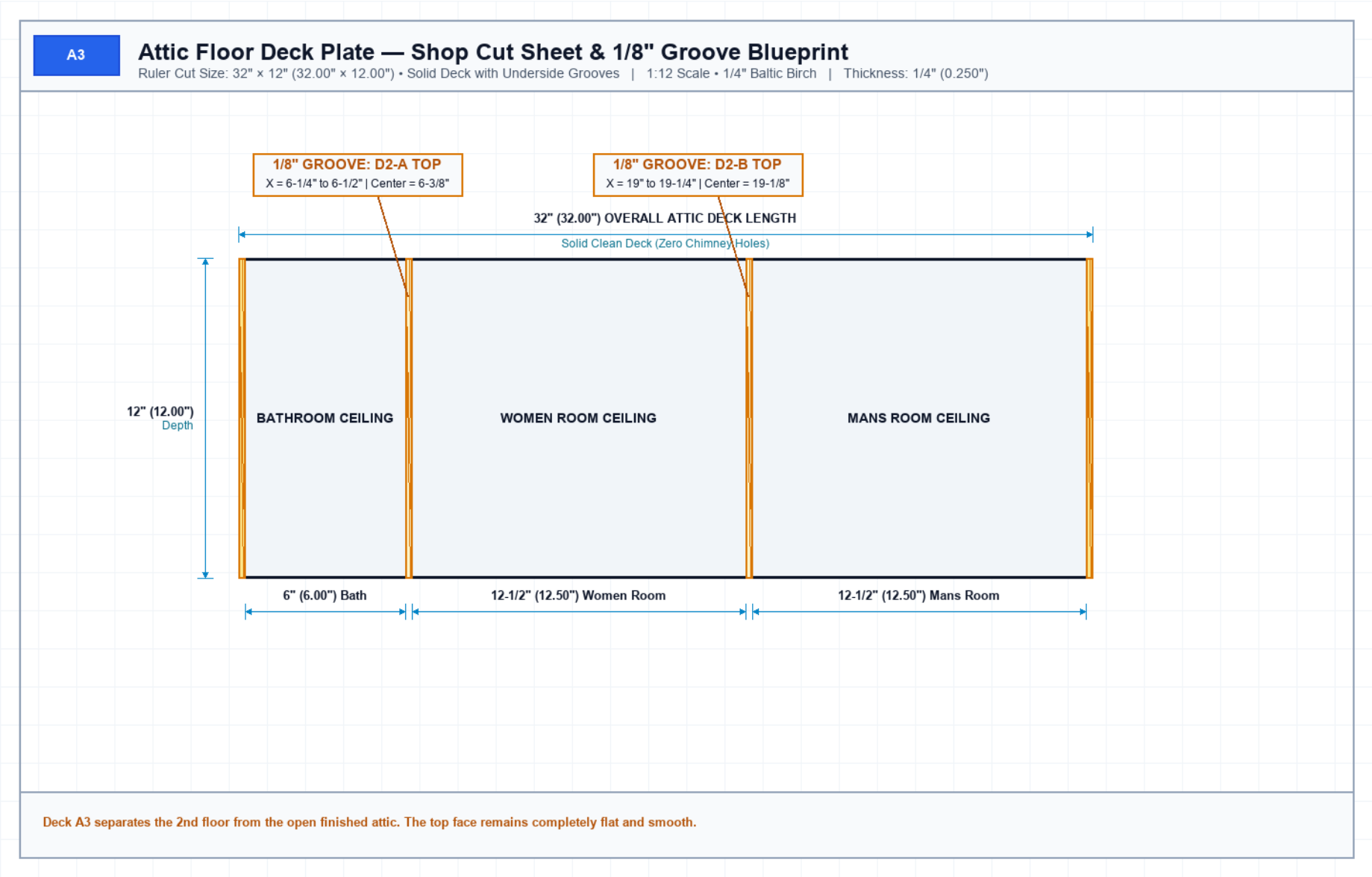
Cut Sheet 02 — Second Floor Deck A2 (Dual-Sided)

32" × 12" (32.00" × 12.00") | Top Grooves, Underside Ceiling Grooves & 2-1/4" × 6" Stair Opening



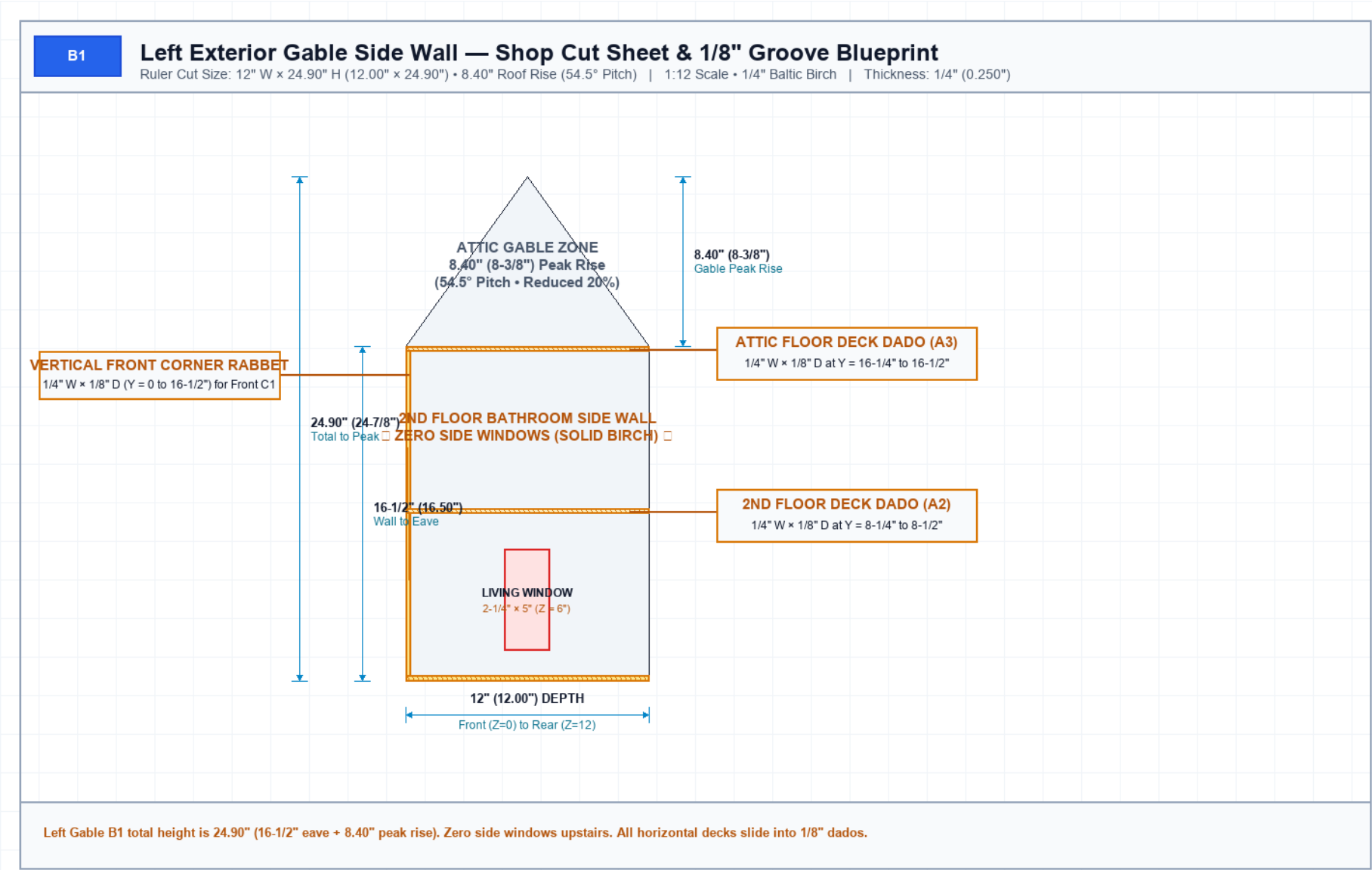
Cut Sheet 03 — Attic Floor Deck A3 (Level 3)

32" × 12" (32.00" × 12.00") | Underside Ceiling Grooves & Solid Finished Attic Deck



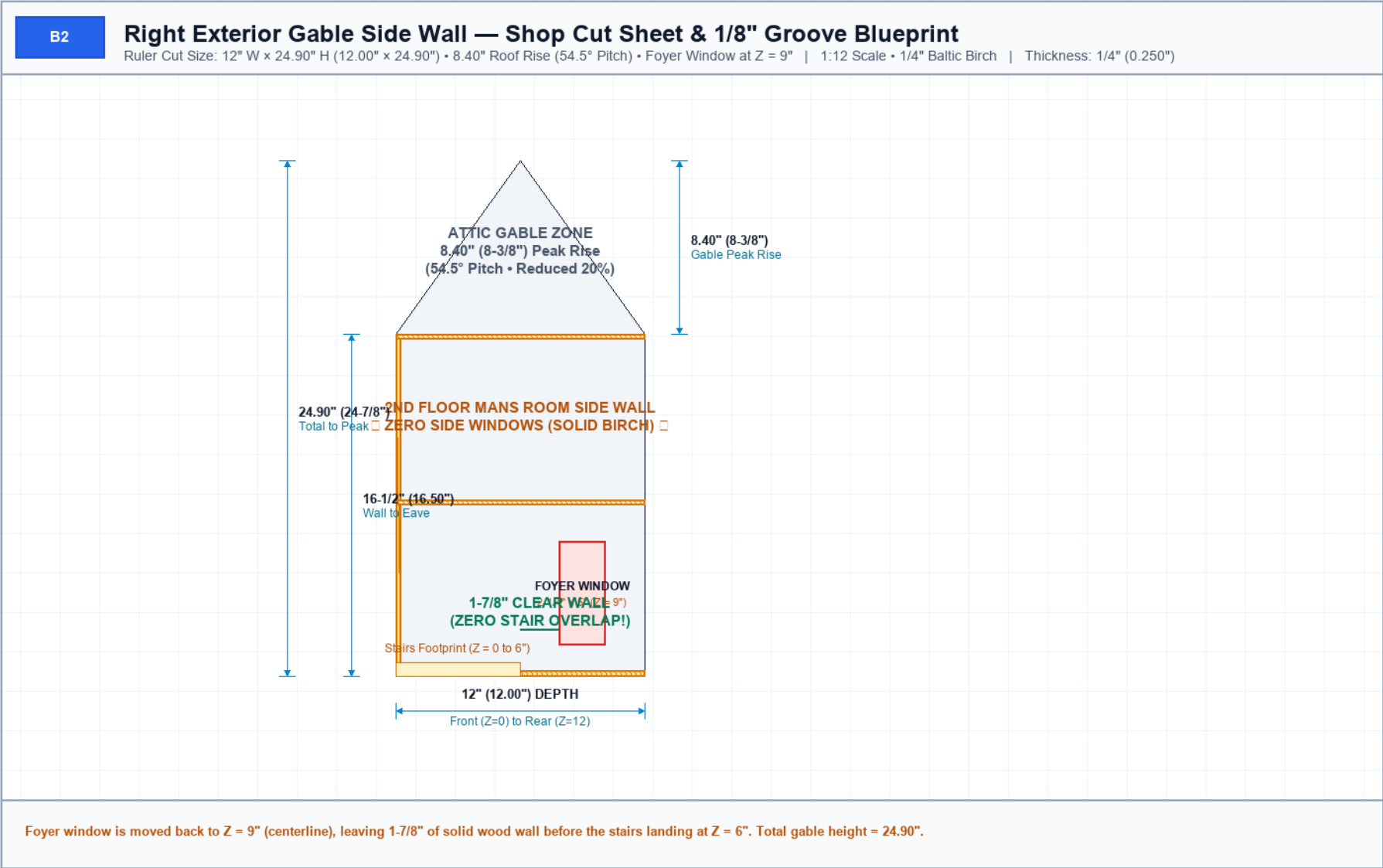
Cut Sheet 04 — Left Exterior Gable Side Wall B1

12" × 24-7/8" (12.00" × 24.90") | 16-1/2" Eave + 8.40" Peak Rise (54.5° Pitch), Deck Dados & 2-1/4" × 5" Living Window



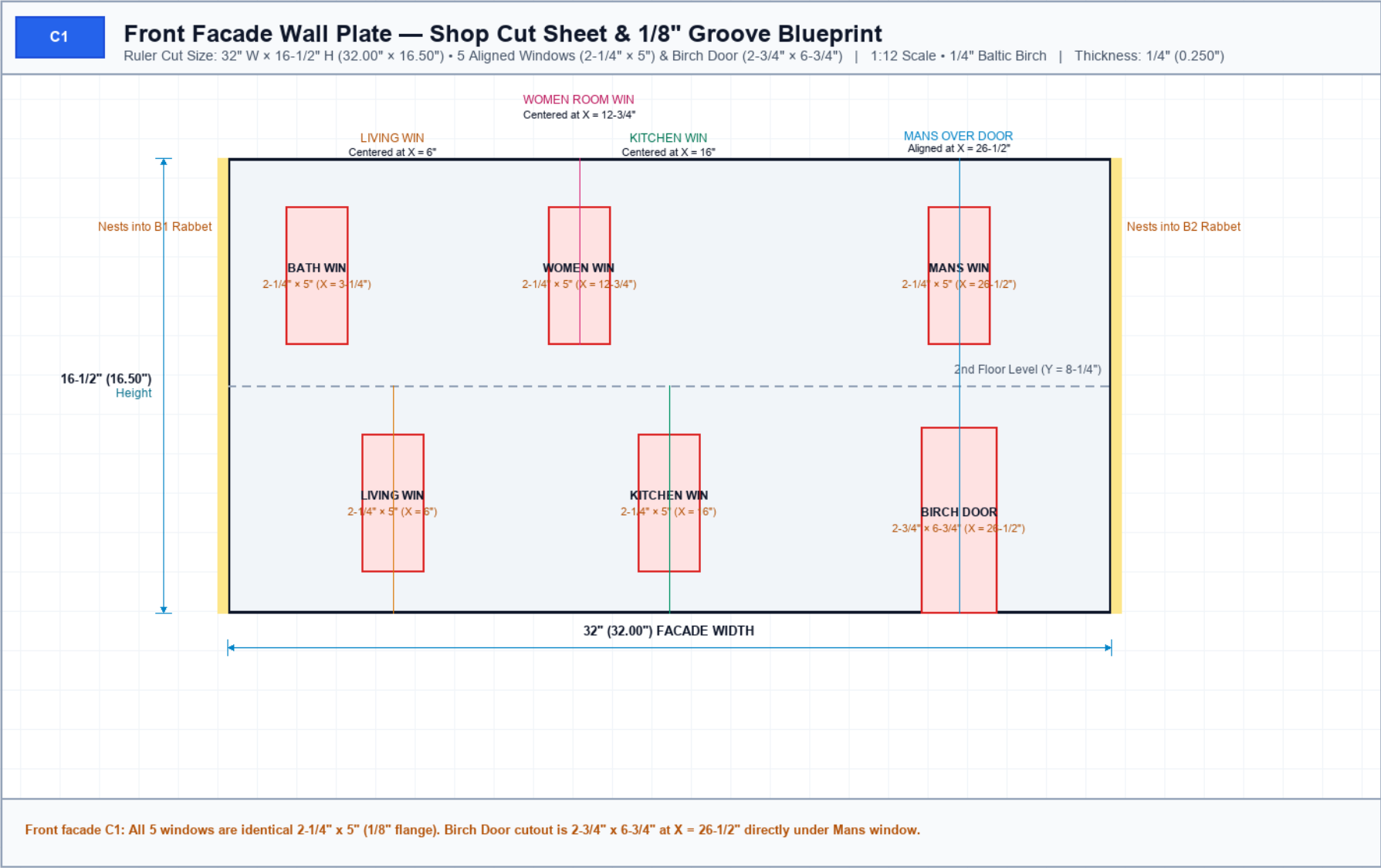
Cut Sheet 05 — Right Exterior Gable Side Wall B2

12" × 24-7/8" (12.00" × 24.90") | 16-1/2" Eave + 8.40" Peak Rise, Deck Dados & Offset Foyer Window (Z=9")



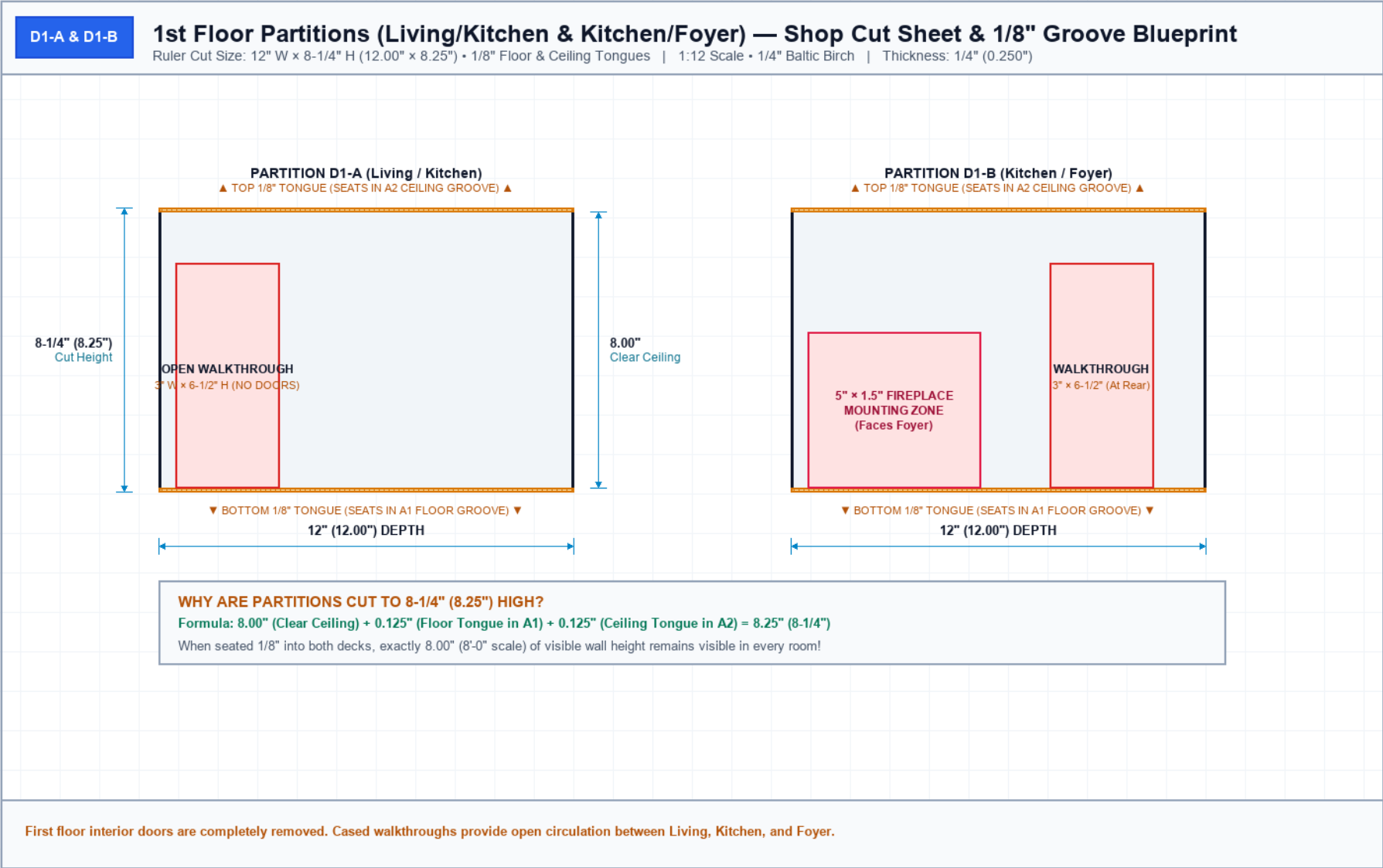
Cut Sheet 06 — Front Facade Wall Plate C1

32" × 16-1/2" (32.00" × 16.50") | 5 Aligned Windows (2-1/4" × 5"), Birch Door (2-3/4" × 6-3/4") & Outer Rabbet Lock



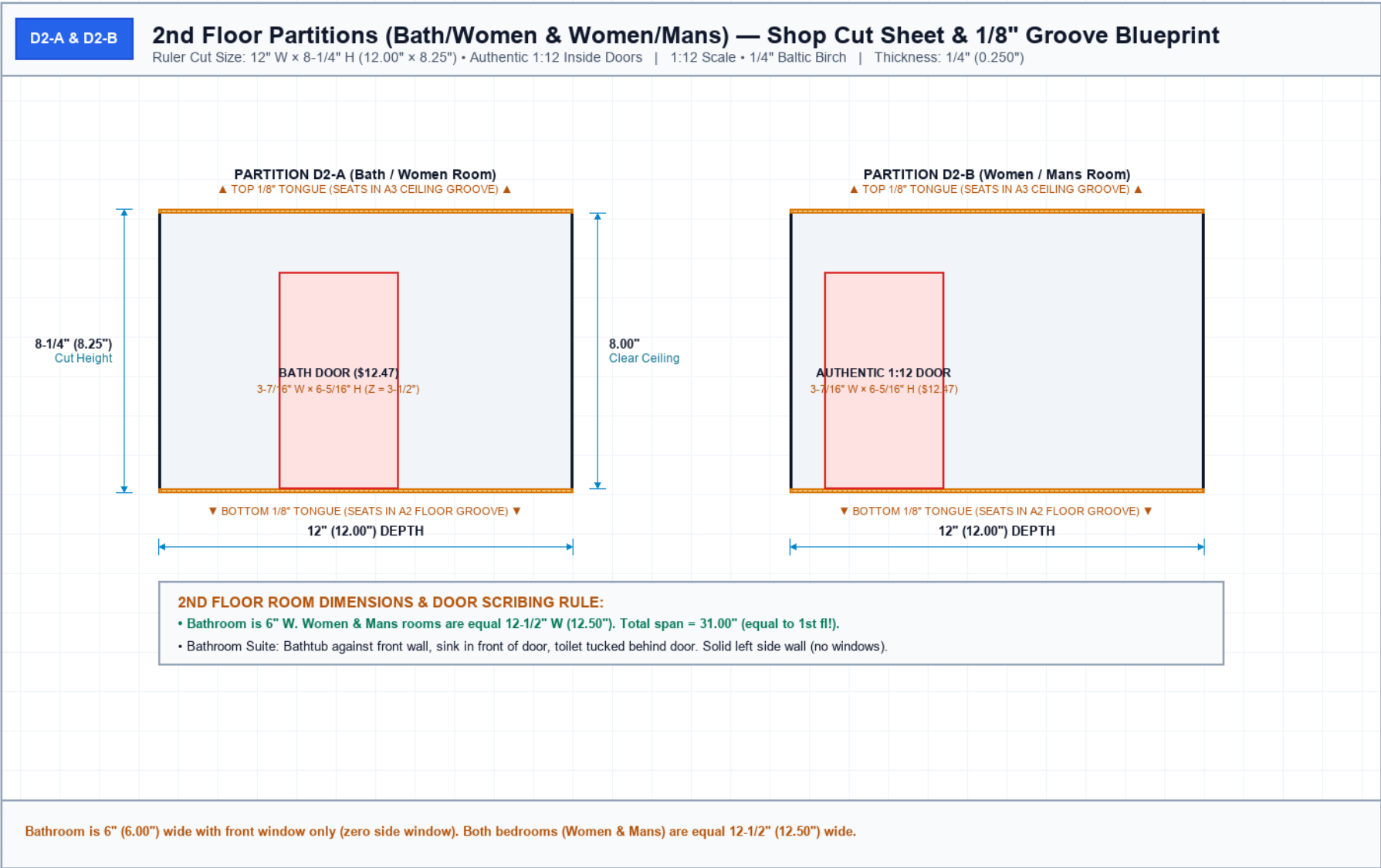
Cut Sheet 07 — 1st Floor Partitions D1-A & D1-B

12" × 8-1/4" (12.00" × 8.25") | 8.00" Clear Height + 1/8" Tongues, Cased Walkthroughs (No Doors)



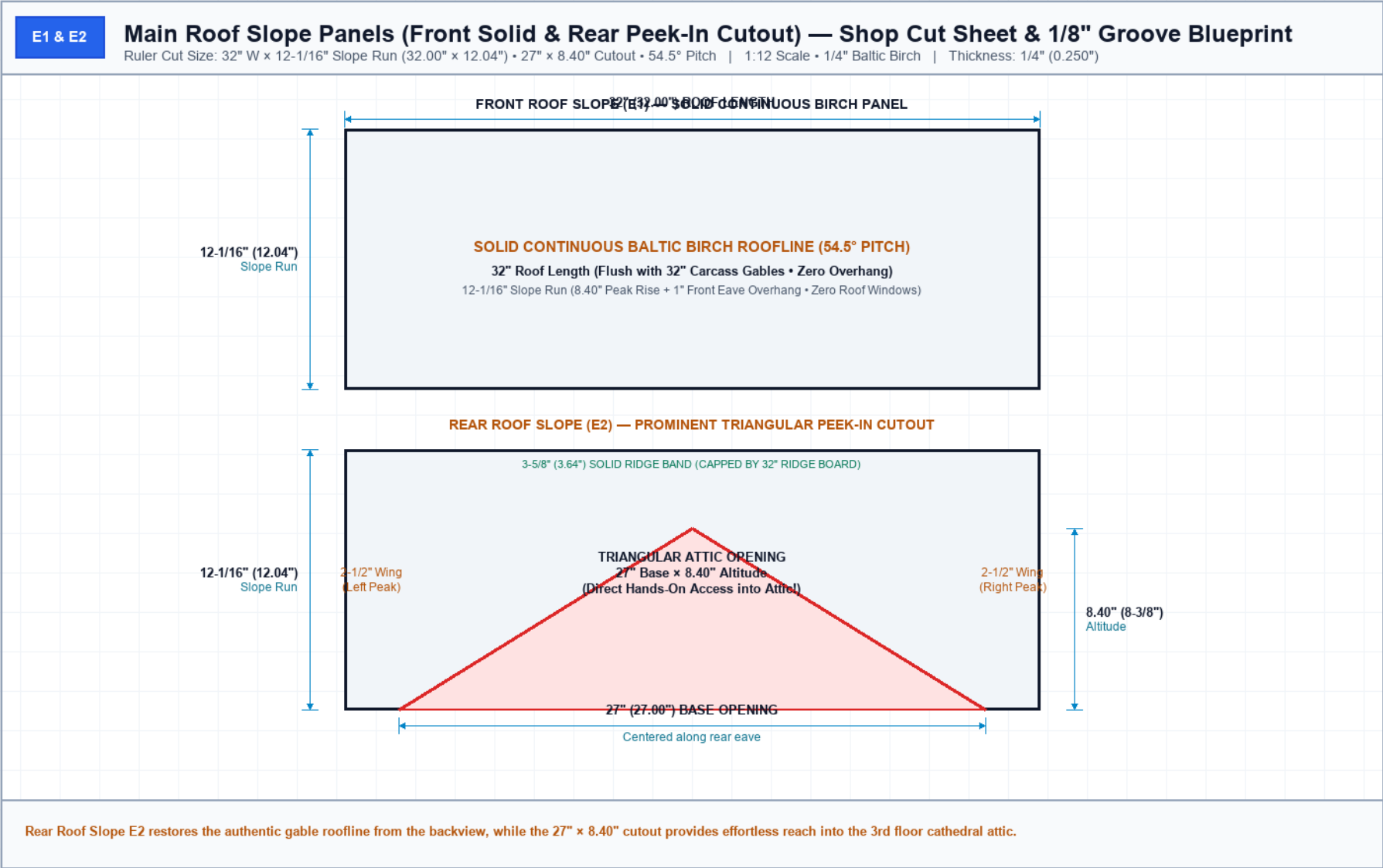
Cut Sheet 08 — 2nd Floor Partitions D2-A & D2-B

12" × 8-1/4" (12.00" × 8.25") | 8.00" Clear Height + 1/8" Tongues, Authentic 1:12 Inside Door Openings



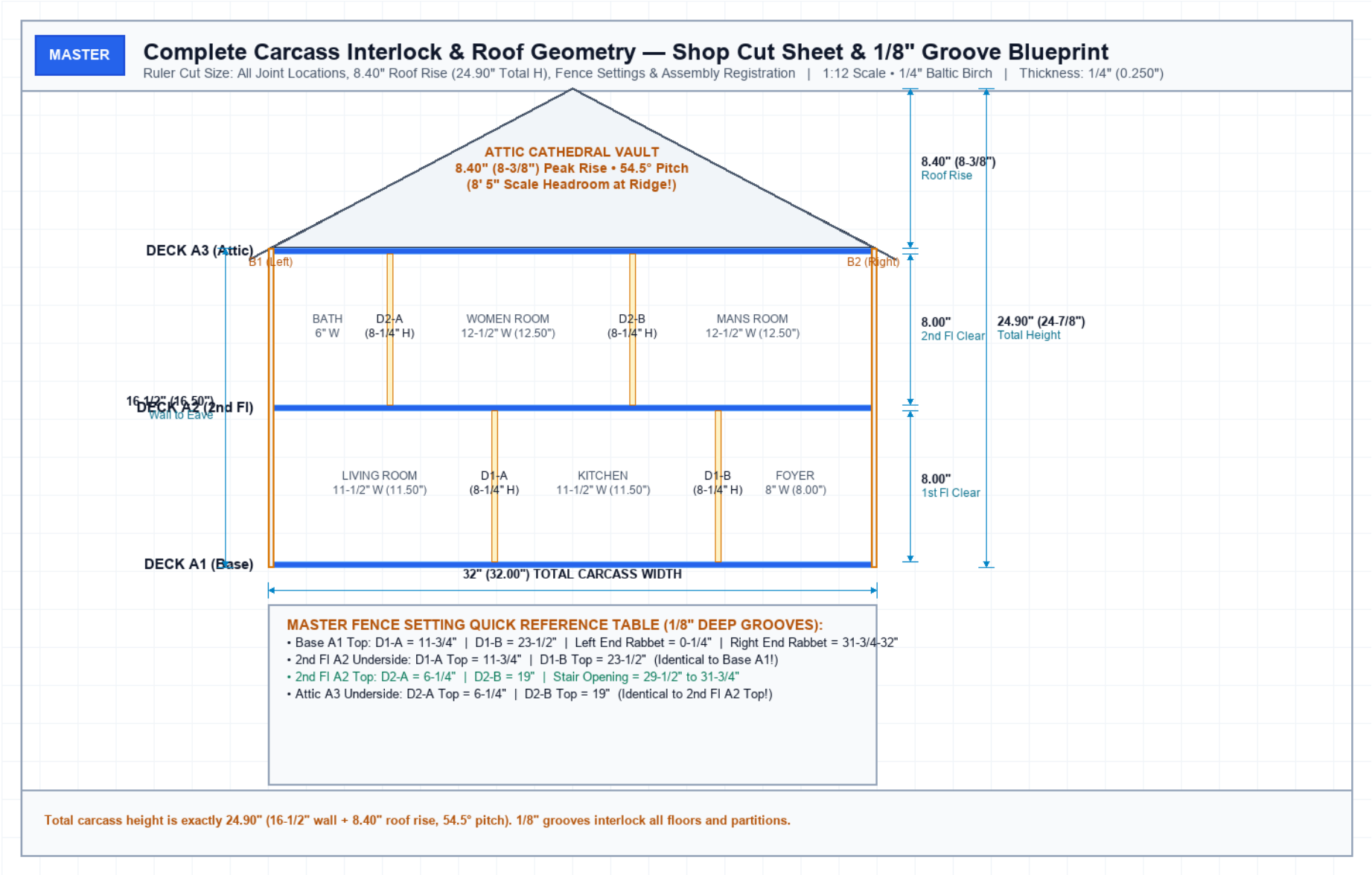
Cut Sheet 09 — Main Roof Slope Panels E1 & E2

32" × 12-1/16" (32.00" × 12.04") | Front Solid E1 & Rear E2 with 27" × 8.40" Hands-On Attic Cutout



Cut Sheet 10 — Master Carcass Interlock & Cross-Section

System Exploded Assembly | Monolithic 1/8" Interlocking Joinery (24.90" Carcass Height)

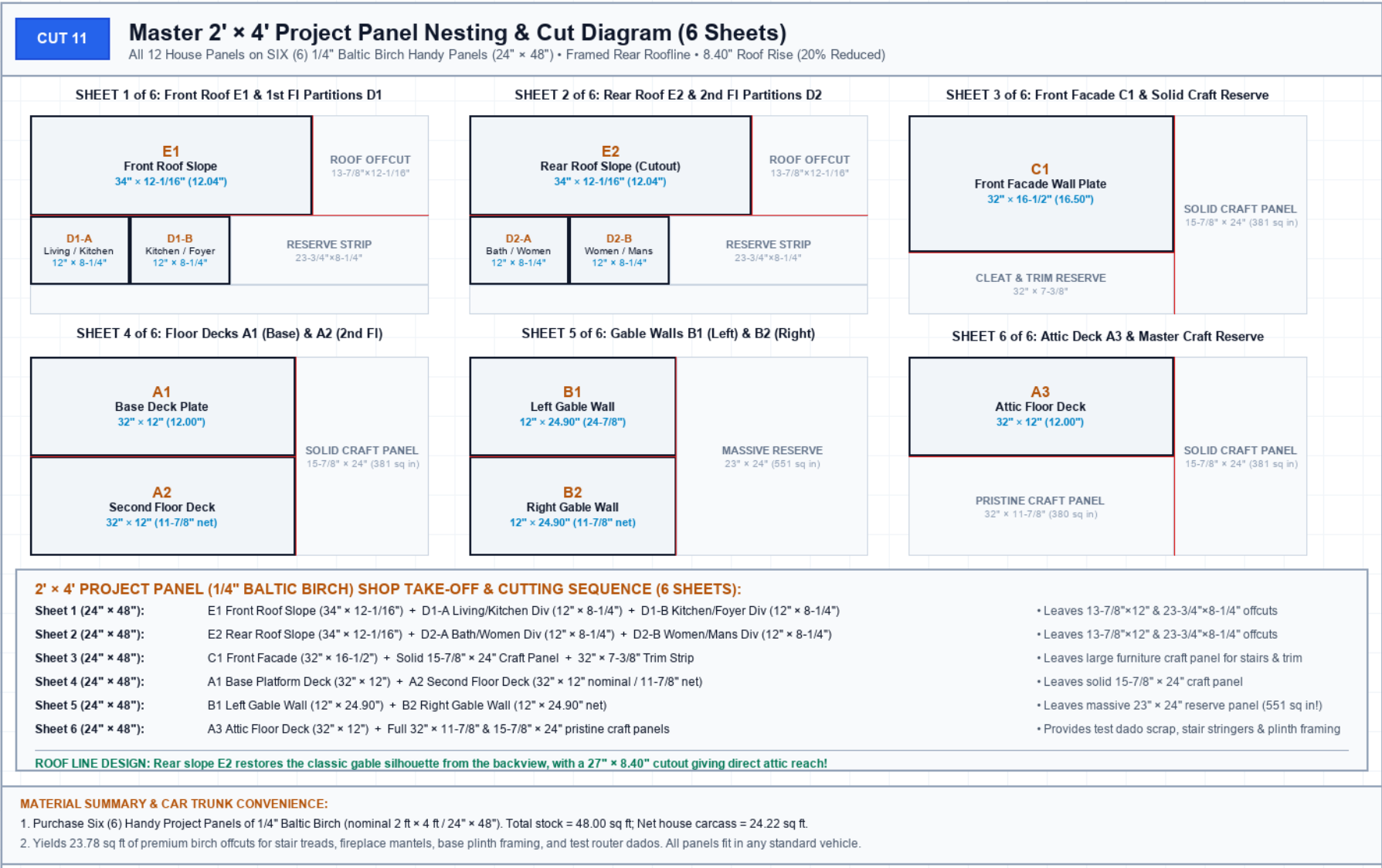


Scale: 1:12 (1" = 1'0" / 1 inch = 12 inches) • 1/4" Baltic Birch Construction

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Cut Sheet 11 — Master Project Panel Nesting & Workshop Layout

All 12 Carcass Panels on 1/4" Baltic Birch Stock with Dedicated Craft Offcuts



3. Master 10-Phase Workshop Construction & Build Sequence

To achieve seamless heirloom alignment and prevent trapped work, follow this proven 10-phase sequence. **Rule #1 of Miniature Joinery:** Perform all grooving, rabbeting, window cutouts, and interior painting FLAT on the bench before assembly!

Build Phase	Workshop Instructions & Quality Control Directives
Phase 1: Stock Preparation & Breakdown	Break down your 4' × 8' Baltic birch plywood sheet into rectangular blanks according to Section 4: Sheet 1 (E1 + E2 + C1), Sheet 2 (A1 + A2 + A3 + D1-A + D1-B), and Sheet 3 (B1 + B2 + D2-A + D2-B + Bonus Stock). Label FRONT reference edge on all pieces.
Phase 2: Bench Grooving & Piercing	Route 1/8" deep × 1/4" wide grooves on top of A1, top/underside of A2, and underside of A3 per table saw fence schedule. Route 1/4" W × 1/8" D vertical corner rabbets on B1/B2 and deck dados. Pierce all window and door rough openings using jigsaw/scroll saw.
Phase 3: Pre-Finishing & Dry Fit	Sand all interior faces to 220 grit. Paint interior walls, apply wallpaper, stain wood floor deck boards, and paint ceiling undersides BEFORE assembly. Perform a full dry-fit without glue to verify tongue-in-groove engagement across all stories.
Phase 4: Base Foundation & Watertable	Prepare separate 48" × 32" grounds plinth A0 (1/2" MDF recommended). Build 1/2" stone watertable perimeter rim under house base plate A1 (32" × 12"). Glue base plate to plinth.
Phase 5: 1st Floor Carcass & Partition Slide-In	Apply wood glue into vertical corner rabbets of B1/B2 and seat Front Facade C1. Seat B1/B2 over A1 bottom end rabbets; clamp 90° square. Slide Living/Kitchen divider D1-A and Kitchen/Foyer divider D1-B into top grooves of A1 from the open rear until they meet C1.
Phase 6: Fireplace & Staircase Installation	Build 5" W × 1-1/2" D × 4-1/2" H fireplace on the bench; glue against kitchen divider D1-B facing Foyer. Assemble 2" wide staircase flight (12 steps, 11/16" rise, 1/2" run); glue against right gable B2 (bottom step lands at Z=6", mid-depth; top step reaches front wall at Z=0").
Phase 7: 2nd Floor Deck & Partitions	Seat 2nd Floor Deck A2 onto carcass, sliding underside ceiling grooves over D1-A and D1-B. Slide Bath/Women divider D2-A and Women/Mans divider D2-B into top grooves of A2. Pre-hang authentic inside doors (\$12.47). Install bathroom suite (clawfoot tub along front wall, sink, toilet).
Phase 8: Attic Deck & Cathedral Roof	Install Attic Deck A3, seating underside grooves over D2-A and D2-B. Glue continuous front roof panel E1 (32" × 12-1/16") across rafters flush with carcass gables. Glue rear roof panel E2 (32" × 12-1/16") with 27" × 8.40" triangular cutout framing cathedral attic with full hands-on accessibility.
Phase 9: Windows, Exterior Doors & Trim	Install authentic Birch Front Door (2-3/4" × 6-3/4") with 2-tier entry steps (NO PORCH). Install 7 identical 2-1/4" × 5" standard window units with 1/8" exterior flanges. Install Alomejor 45° three-sided bay window in Living Room. Apply vertical corner trim.
Phase 10: Exterior Grounds & Final Inspection	Landscape Level 0 plinth (48" × 32") with grass turf, flagstone path, garden beds, and side garden bench. Install 1:12 outdoor dog house on backyard lawn!

4. Master 4' × 8' Sheet Table Saw Batch Cutting Plan

Purchased Material: One (1) full 4' × 8' sheet of 1/4" Baltic Birch Plywood pre-cut at the lumber store into **Two (2) Panels at 35" × 48"** and **One (1) Leftover Panel at ~25.75" to 26" × 48"**. This breakdown matches your dollhouse perfectly, as all six major panels (A1, A2, A3, C1, E1, E2) are identically 32.00" long! Follow the **4-Fence Batch Rip Sequence** below to eliminate fence adjustments and guarantee identical parts:

Fence Setting	Stock Fed Through Saw	Resulting 35" Long Strips	Cross-Cut Stop (Length)	Destination Parts & Function
1. Fence @ 12.00" (12")	• Sheet 2 (Feed 3 times) • Sheet 3 (Feed 2 times)	• Three 12" × 35" strips • Two 12" × ~26" strips	• Stop @ 32.00" (Sheet 2) • Stop @ 24.90" (Sheet 3)	• A1, A2, A3 Floor Decks (32" × 12") • B1, B2 Side Gable Walls (24-7/8" × 12") <i>(All five 12" boards cut with 1 fence setting!)</i>
2. Fence @ 12-1/16" (12.04")	• Sheet 1 (Feed 2 times)	• Two 12-1/16" × 35" strips	• Stop @ 32.00" (32")	• E1 Front Roof Slope (32" × 12-1/16") • E2 Rear Roof Slope (32" × 12-1/16") <i>(Shares identical 32" stop with floors & facade!)</i>
3. Fence @ 16-1/2" (16.50")	• Sheet 1 (Feed 1 time)	• One 16-1/2" × 35" strip	• Stop @ 32.00" (32")	• C1 Front Facade Wall Plate (32" × 16-1/2") <i>(Leaves 35" × 7" offcut strip for trim)</i>
4. Fence @ 8-1/4" (8.25")	• Sheet 2 Offcut (Feed 1x) • Sheet 3 Offcut (Feed 1x)	• One 8-1/4" × 35" strip • One 8-1/4" × ~26" strip	• Stop @ 12.00" (Cut 2x) • Stop @ 12.00" (Cut 2x)	• D1-A & D1-B 1st Fl Partitions (12" × 8-1/4") • D2-A & D2-B 2nd Fl Partitions (12" × 8-1/4") <i>(Seats 1/8" into dados, yields 8.00" clear ceiling!)</i>

CRITICAL TABLE SAW SAFETY — USE A STANDOFF BLOCK WHEN TRIMMING LENGTHS:

- **Danger:** Never push the narrow edge of a board with a miter gauge while letting the outer end ride against the rip fence! The cut piece will twist, pinch against the spinning blade, and violently kick back.
- **The Solution:** Clamp a scrap block of 3/4" wood to your rip fence *before the blade*. For a 32.00" cut, set your fence to 32.75" (32-3/4"). Slide your workpiece against the standoff block to set the distance. As you push forward, the board clears the block before reaching the blade, passing through freely with zero pinch risk!
- **Bonus Material:** Sheet 3 leaves a massive ~25.75" × 15-3/8" panel (395+ sq in)—more than enough wood to build the entire 1:12 scale outdoor dog house, fireplace hearth, and stair stringers!

5. Master Component Cut List Schedule

ID	Component Name	Qty	Thick	Ruler W × H	Decimal W × H	Description & Workshop Directives
SHEET-P LY	1/4" Baltic Birch Project Panels	6 she ets	1/4" (0.25")	24" × 48"	24.00" × 48.00"	Six (6) 2 ft x 4 ft (24" x 48") cabinet-grade Baltic Birch project panels; yields all 12 carcass/roof/partition parts plus 23+ sq ft of solid craft offcut for stairs, trim, and jigs
A0	Landscaped Base Plinth (Level 0)	1	1/4" or 1/2" (0.50" rec)	48" × 32"	48.00" × 32.00"	8 ft (8") perimeter all around 32" house; 1/2" MDF/plywood recommended for structural stiffness; 1/4" also usable
A1	House Base Platform Plate (Level 1)	1	1/4" (0.25")	32" × 12"	32.00" × 12.00"	House base plate; route two 1/4" W x 1/8" D grooves on top face at X = 11-3/4" (for D1-A) and X = 23-1/2" (for D1-B); elevated on 1/2" stone watertable rim
A2	Second Floor Deck	1	1/4" (0.25")	32" × 12"	32.00" × 12.00"	Stair opening 2-1/4" W x 6" L at front-right (X=29-1/2" to 31-3/4", Z=0" to 6"); route 1/4" W x 1/8" D grooves on underside at X = 11-3/4" & 23-1/2" (1st fl ceiling) and on top face at X = 6-1/4" & 19" (2nd fl floor)
A3	Attic Floor Deck	1	1/4" (0.25")	32" × 12"	32.00" × 12.00"	Attic floor deck; route two 1/4" W x 1/8" D grooves on underside at X = 6-1/4" (for D2-A) and X = 19" (for D2-B) for 2nd fl ceiling attachment
B1	Left Exterior Gable Wall	1	1/4" (0.25")	12" × 24-7/8"	12.00" × 24.90"	16-1/2" wall + 8.40" peak (54.5° pitch, reduced 20%); 1/4" W x 1/8" D vertical front edge rabbet (Y=0 to 16-1/2") for C1 front corner lock-in; 1/4" W x 1/8" D horizontal deck rabbets/dados at Y=0 to 1/4" (A1), Y=8-1/4" to 8-1/2" (A2), Y=16-1/4" to 16-1/2" (A3); Living win 2-1/4" x 5" at Z=6" (zero 2nd fl side win)
B2	Right Exterior Gable Wall	1	1/4" (0.25")	12" × 24-7/8"	12.00" × 24.90"	Mirror of B1; 16-1/2" wall + 8.40" peak (54.5° pitch, reduced 20%); 1/4" W x 1/8" D vertical front edge rabbet (Y=0 to 16-1/2") for C1 front corner lock-in; 1/4" W x 1/8" D horizontal deck rabbets/dados at Y=0 to 1/4" (A1), Y=8-1/4" to 8-1/2" (A2), Y=16-1/4" to 16-1/2" (A3); Foyer win 2-1/4" x 5" at Z=9" (leaves 1-7/8" clear of stairs; zero 2nd fl side win)
C1	Front Facade Wall	1	1/4" (0.25")	32" × 16-1/2"	32.00" × 16.50"	Cutouts: Living win 2-1/4"x5" (X=6"), Kitchen 2-1/4"x5" (X=16"), Front Door 2-3/4"x6-3/4" (X=26-1/2"), Bath 2-1/4"x5" (X=3-1/4"), Women 2-1/4"x5" (X=12-3/4"), Mans 2-1/4"x5" (X=26-1/2")
REAR	Rear Back Wall	0	—	— × —	0.00" × 0.00"	EMPTY / OPEN BY DESIGN (No rear wall; full room layout and vintage furniture visibility)
D1-A	1st Fl Divider (Living / Kitchen)	1	1/4" (0.25")	12" × 8-1/4"	12.00" × 8.25"	Height increased to 8-1/4" (8.25") to seat into 1/8" floor & ceiling grooves while maintaining 8.00" clear room height; cased walkthrough 3" W x 6-1/2" H (NO DOORS ON 1ST FL)
D1-B	1st Fl Divider (Kitchen / Foyer)	1	1/4" (0.25")	12" × 8-1/4"	12.00" × 8.25"	Height increased to 8-1/4" (8.25") to seat into 1/8" floor & ceiling grooves while maintaining 8.00" clear room height; supports 5" x 1-1/2" fireplace; walkthrough 3" W x 6-1/2" H at rear
D2-A	2nd Fl Divider (Bath / Women)	1	1/4" (0.25")	12" × 8-1/4"	12.00" × 8.25"	Height increased to 8-1/4" (8.25") to seat into 1/8" floor & ceiling grooves while maintaining 8.00" clear room height; cut 3-7/16" W x 6-5/16" H doorway at Z=3-1/2" for authentic 1:12 inside door
D2-B	2nd Fl Divider (Women / Mans)	1	1/4" (0.25")	12" × 8-1/4"	12.00" × 8.25"	Height increased to 8-1/4" (8.25") to seat into 1/8" floor & ceiling grooves while maintaining 8.00" clear room height; cut 3-7/16" W x 6-5/16" H doorway for authentic 1:12 inside door
E1	Main Front Continuous Roof Slope	1	1/4" (0.25")	32" × 12-1/16"	32.00" × 12.04"	Continuous unbroken roofline (54.5° pitch; 8.40" peak rise; 1" front eave overhang, flush with 32.00" carcass gables)
E2	Rear Roof Slope with Peek-In Cutout	1	1/4" (0.25")	32" × 12-1/16"	32.00" × 12.04"	Restores authentic gable roofline from backview; flush with 32.00" carcass gables; 27" base x 8.40" altitude triangular cutout allows hands-on access into finished 3rd floor attic

STEPS-FR	Direct Front Entry Steps	1 set	Wood	4-13/16" × 1-3/8"	4.80" × 1.40"	2-tier direct entry steps from elevated house base down to walkway at X = 26-1/2" (ZERO PORCH)
STAIR	Foyer to Mans Room Staircase Assembly	1 set	1/4" Plywood / Basswood	2" × 6"	2.00" × 6.00"	STAIRS 2" WIDE: 12 steps (11/16" rise, 1/2" run); lands in middle of 1st floor at Z = 6" and rises forward to front wall at Z = 0"
HEARTH	Foyer Fireplace Assembly	1 set	Wood / Brick	5" × 4-1/2"	5.00" × 4.50"	5" Wide x 1-1/2" Deep brick fireplace, firebox, mantel shelf & andirons against kitchen divider wall (X = 23-1/2") facing Foyer
BATH-TUB	Bathroom Clawfoot Bathtub	1 set	Porcelain/Brass	2-3/16" × 4-13/16"	2.20" × 4.80"	Vintage clawfoot tub with 4 brass feet and faucet placed against front wall under X = 3-1/4" window
BATH-SNK	Bathroom Pedestal Sink & Mirror	1 set	Porcelain/Mirror	1-13/16" × 2"	1.80" × 2.00"	Pedestal sink with brass faucet and wood-framed wall mirror placed on left gable wall directly in front of doorway
BATH-WC	Vintage Toilet with Tank	1 set	Porcelain/Wood	1-3/8" × 2-3/16"	1.40" × 2.20"	Period toilet with overhead/rear tank placed on left gable wall tucked behind door swing
RAIL-MAN	Mans Room Stair Safety Railing	1 set	Wood	2-1/4" x 6" × 2-13/16"	2.25" × 2.80"	Balusters, handrails, and newels along inner side and rear of opening with clear walkthrough landing into Mans Room
DOOR-UP	Authentic 1:12 Inside Doors (2nd Fl)	2	11/16" (0.66")	3-7/16" × 6-5/16"	3.46" × 6.29"	Authentic 1:12 Scale Realism: Size 6-5/16" x 3-7/16" x 11/16" (\$12.47 each). Connecting Bath <-> Women and Women <-> Mans
DOOR-FR	Authentic Scale Birch Front Door	1	1/4" (0.25")	2-3/4" × 6-3/4"	2.75" × 6.75"	Inside hole cutout 2-3/4" W x 6-3/4" H (2.75" x 6.75") centered at X = 26-1/2"; authentic sturdy birch wood, smooth warp-resistant finish, 6-panel moldings, knocker & handle (NO PORCH)
WIN-STD	Standard 1:12 Window Units (2-1/4" x 5")	7 sets	Wood/Glass	2-1/2" × 5-1/4"	2.50" × 5.25"	Hole opening 2-1/4" W x 5" H (2.25" x 5.00") with 1/8" exterior flange (overall frame 2-1/2" W x 5-1/4" H); 5 on front facade (Living, Kitchen, Bath, Women, Mans) + 1 on Left Gable B1 (Z=6") + 1 on Right Gable B2 (Z=9" clear of stairs)
TRIM-QR	Assembly Alignment & Corner Cleats	16 lin ft	1/4" sq (0.25")	1/4" × 192"	0.25" × 192.00"	1/4" square cleats for carcass perimeter corner joints (1/8" routed grooves handle partition attachment cleanly without cleats)
TRIM-COR	Corner Boards & Window Casings	14 lin ft	1/8" x 3/8"	3/8" × 168"	0.375" × 168.00"	Exterior vertical corner boards, baseboards, watertable drip caps, and window/door trim