

BV-34 / The Juniper

Cover, design criteria and general notes

Issue 1, 2026-10-09 (concept drawing set) | Diagrammatic; dimensions in feet-inches

DRAWING SET

G0	Cover, design criteria and general notes
A1	Dimensioned floor plan
A2	Area and clear room schedule
A3	Roof plan
A4	South / north elevations
A5	East / west elevations
A6	Building sections
S1	Framing intent and header / beam schedule
D1	Typical details
A7	Door and window schedule
E1	Electrical, smoke and CO placement
F1	Foundation intent plan
I1	Room planning, plumbing and HVAC intent
M1	Materials, appearance and finish schedule
V1	Geometry illustration

SCOPE AND LIMITS

Home: BV-34 The Juniper - Issue 1, 2026-10-09 (concept drawing set)
Main footprint 40'-0" x 30'-0"; stories: 1; framing: stick
Dimensions in feet-inches from the layout's inches; verify every dimension on site.
Drawn by the BarndoVista drawing generator v6.3 (2026-10-09).
Unstamped; not an engineering design. Not for construction until reviewed by your local builder and any required licensed professional.
No structural, foundation, mechanical, electrical, plumbing or permit design is supplied.
Code references (IRC sections) are pointers for your builder, not a determination that this design complies with any code: your local code as adopted and your builder or engineer govern.

Drafting check: passed (a drafting check, not an engineering or code review).

DESIGN CRITERIA (BUILDER FILLS IN)

Ground snow load and code edition	
Ultimate design wind speed (mph) and exposure	
Seismic design category	
Frost depth (in)	
Adopted code and edition	

Never pre-filled: obtain each value for this site from the local building department.

LOADS NOTE

Structural design is by others. These drawings show layout and appearance; they are not an engineering design and are not stamped. Before building, your builder or a licensed engineer must obtain this site's ground snow load, wind speed, seismic design category and frost depth from the local building department and use them to size every beam, header, truss, post, footing and connection. Roof trusses are designed by the truss manufacturer. Build to the code your jurisdiction adopted.

STRUCTURAL GENERAL NOTES

- Structure by others: every beam, header, post, footing and connection is designed by the builder's licensed engineer.
- Wall heights, headers and overhangs are designed by the builder's engineer (openings over 10 ft wide are tagged ENG HDR).
- Roof trusses are designed by the truss manufacturer; truss drawings are submitted with the permit.
- Braced-wall / lateral design by the engineer, especially beside garage doors and window walls.
- Garage / shop separation per IRC R302.5 and R302.6 (see D1).

LAYOUT FEATURES AND NOTES

- A compact 1,200 sq ft two-bedroom, two-bath home and a 30 x 30 ft shop under one roof
- Shop: one 12 x 10 ft overhead door and a walk door facing the front; 12-ft eave
- Great room at the open end with windows on three sides; a short hall to both bedrooms, both baths and the mudroom / laundry at the shop door
- 8-ft front porch across the house and a 16 x 10 ft covered back porch
- Vaulted great room under the 4:12 roof
- Walls over 10 ft and every header by the builder's engineer
- One 70 x 30 ft building under one 4:12 roof and one ridge: the house (40 ft) on the left, the shop (30 ft) on the right; 12-ft eave throughout so the 10-ft-tall overhead door keeps 2 ft of wall above it.
- House-to-shop door from the mudroom / laundry: 20-minute rated and self-closing, never into a bedroom; 1/2 in gypsum on the shop side (IRC R302.5.1, R302.6); CO alarm (R315). Water heater, air handler and panel in the shop corner.

SAMPLE - not for construction; dimensions removed. The full set is sold separately.

G0 Cover, design criteria and general notes

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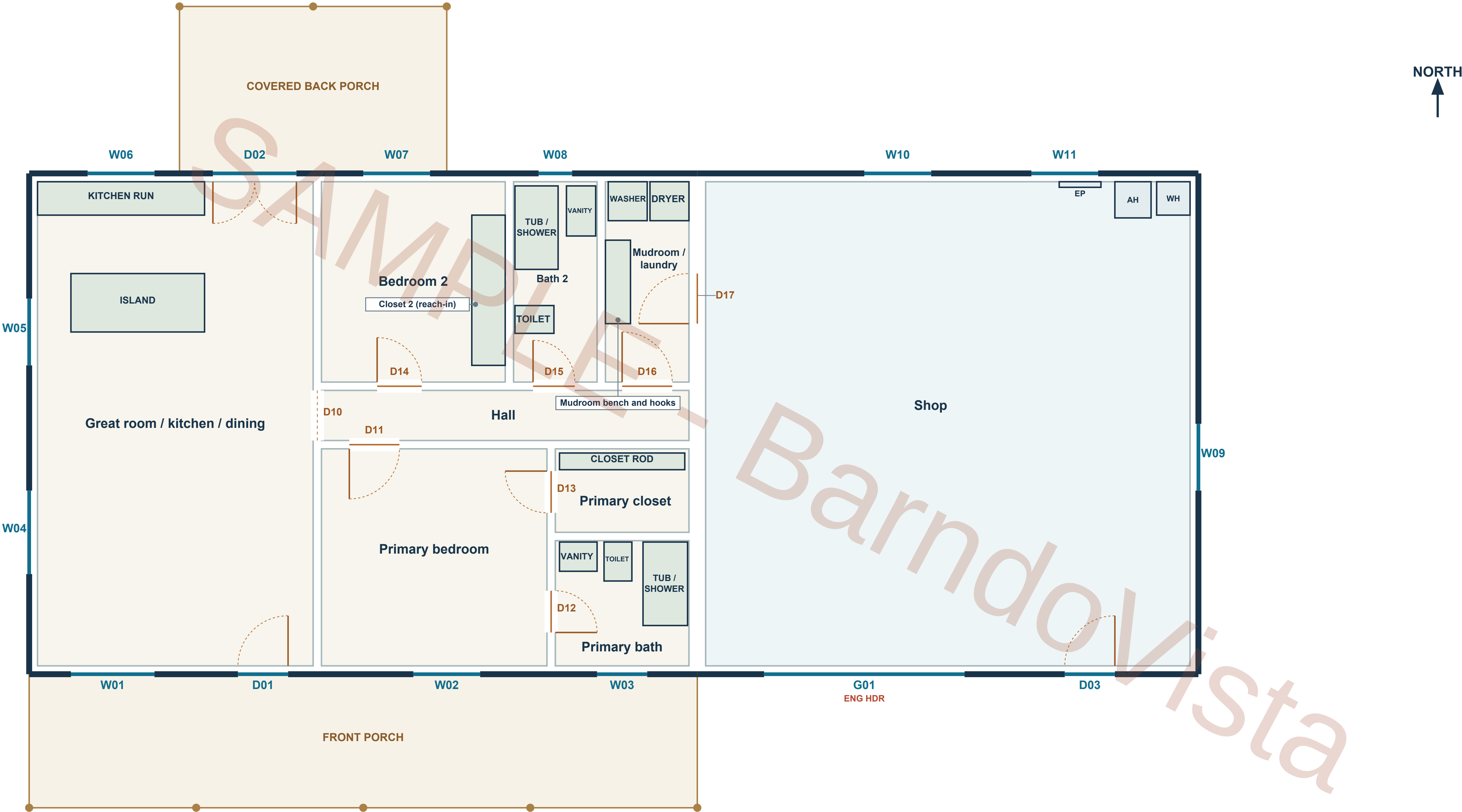
Structural design, member sizing, foundation design and engineering are by the buyer's builder/engineer per local code.

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Dimensioned floor plan

Issue 1, 2026-10-09 (concept drawing set) | SAMPLE: dimensions removed; not buildable



Conventional stick framing; trusses, posts, beams and footings by the builder's engineer.
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ENG HDR = opening over 10 ft clear: header by your engineer

A1 Dimensioned floor plan

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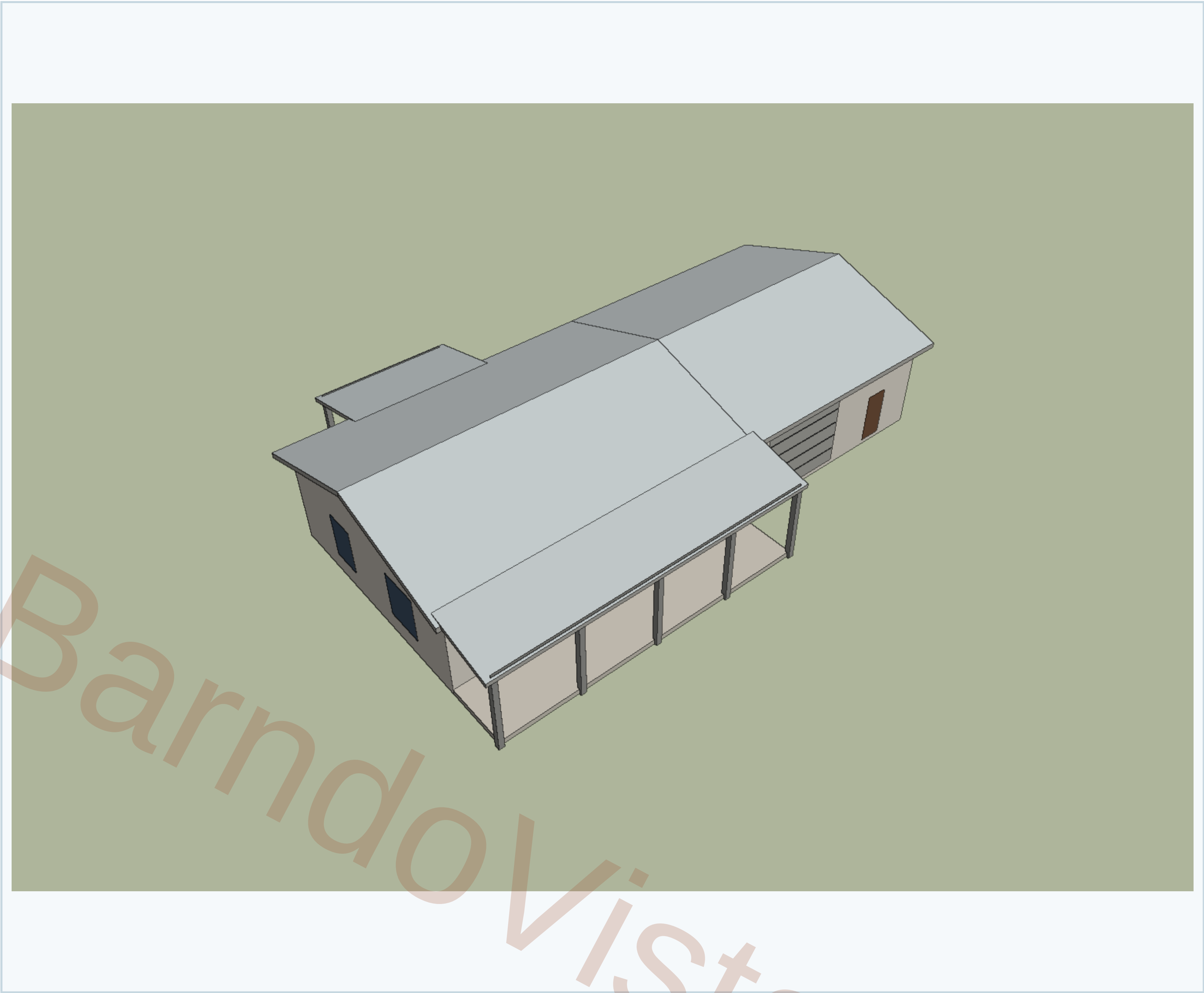
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Geometry illustration

Issue 1, 2026-10-09 (concept drawing set) | Massing from the plan (not a rendering); not a built-home photograph



Front-left view: Massing from the plan (not a rendering)



Aerial view: Massing from the plan (not a rendering)

Illustration derives from main and wing rectangles; verify design and finish selections locally.

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V1 Geometry illustration

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