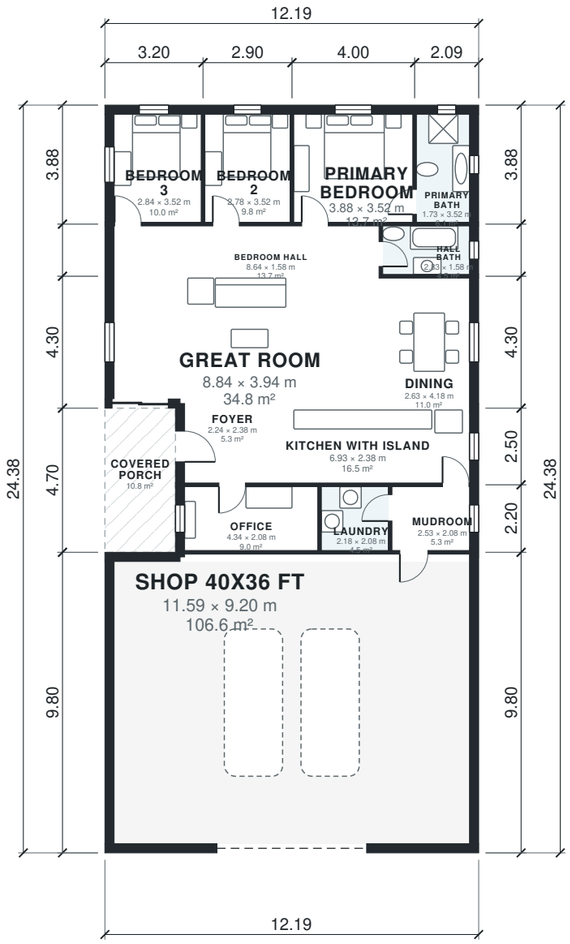




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AI ARCHITECTURES

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PROJECT

40x80 Shop House

Modern Barndominium

SHEET TITLE

Floor Plan

GROSS AREA (THIS LEVEL)

286.4 m²

GROSS AREA (TOTAL)

286.4 m²

ENVELOPE

12.19 × 24.38 m

SCALE

1:200 on A3

DATE

2026-11-12

PROJECT NO.

40x80 Shop House

CONCEPT DESIGN — NOT FOR CONSTRUCTION OR PERMIT. Generated with AI and may contain errors. Verify all dimensions and code requirements with a licensed architect or engineer.

SHEET

A-101

Area Schedule

LEVEL	ROOM	SIZE	NET AREA	GROSS AREA
1	Bedroom 2	2.78 × 3.52 m	9.8 m²	11.2 m²
1	Bedroom 3	2.84 × 3.52 m	10.0 m²	12.4 m²
1	Bedroom Hall	8.64 × 1.58 m	13.7 m²	15.3 m²
1	Dining	2.63 × 4.18 m	11.0 m²	12.9 m²
1	Foyer	2.24 × 2.38 m	5.3 m²	6.5 m²
1	Great Room	8.84 × 3.94 m	34.8 m²	39.6 m²
1	Hall Bath	2.83 × 1.58 m	4.5 m²	5.4 m²
1	Kitchen with Island	6.93 × 2.38 m	16.5 m²	18.2 m²
1	Laundry	2.18 × 2.08 m	4.5 m²	5.1 m²
1	Mudroom	2.53 × 2.08 m	5.3 m²	6.4 m²
1	Office	4.34 × 2.08 m	9.0 m²	10.3 m²
1	Primary Bath	1.73 × 3.52 m	6.1 m²	8.1 m²
1	Primary Bedroom	3.88 × 3.52 m	13.7 m²	15.5 m²
1	Shop 40x36 ft	11.59 × 9.20 m	106.6 m²	119.5 m²
1	Covered Porch (outdoor)	2.30 × 4.70 m	10.8 m²	10.8 m²
	Total indoor		**250.8 m²**	**286.4 m²**

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Area Schedule

GROSS AREA (THIS LEVEL)

286.4 m²

GROSS AREA (TOTAL)

286.4 m²

ENVELOPE

12.19 × 24.38 m

SCALE

NTS on A3

DATE

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SHEET

A-102