



AI ARCHITECTURES

Plan Studio · ai-architectures.com

PROJECT

40x80 Barndominium with Shop

Modern Barndominium

SHEET TITLE

Floor Plan

GROSS AREA (THIS LEVEL)

282.7 m²

GROSS AREA (TOTAL)

282.7 m²

ENVELOPE

24.38 × 12.19 m

SCALE

1:100 on A3

DATE

2026-10-11

PROJECT NO.

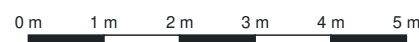
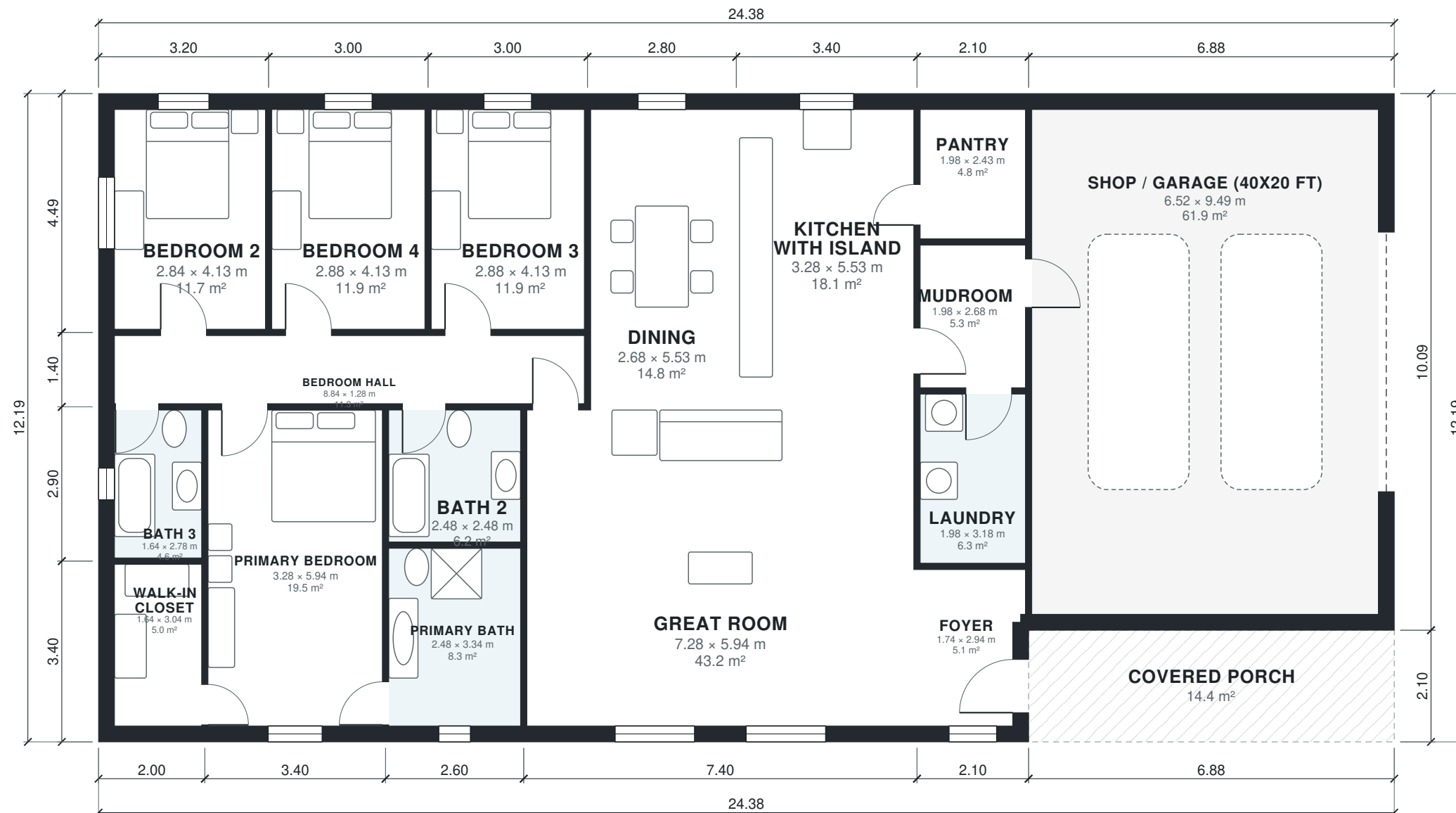
40x80 Barndominium

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

of 2



Area Schedule

LEVEL	ROOM	SIZE	NET AREA	GROSS AREA
1	Bath 2	2.48 × 2.48 m	6.2 m²	6.8 m²
1	Bath 3	1.64 × 2.78 m	4.6 m²	5.8 m²
1	Bedroom 2	2.84 × 4.13 m	11.7 m²	14.4 m²
1	Bedroom 3	2.88 × 4.13 m	11.9 m²	13.5 m²
1	Bedroom 4	2.88 × 4.13 m	11.9 m²	13.5 m²
1	Bedroom Hall	8.84 × 1.28 m	11.3 m²	12.9 m²
1	Dining	2.68 × 5.53 m	14.8 m²	16.5 m²
1	Foyer	1.74 × 2.94 m	5.1 m²	6.9 m²
1	Great Room	7.28 × 5.94 m	43.2 m²	46.6 m²
1	Kitchen with Island	3.28 × 5.53 m	18.1 m²	20.0 m²
1	Laundry	1.98 × 3.18 m	6.3 m²	6.9 m²
1	Mudroom	1.98 × 2.68 m	5.3 m²	5.9 m²
1	Pantry	1.98 × 2.43 m	4.8 m²	5.9 m²
1	Primary Bath	2.48 × 3.34 m	8.3 m²	9.6 m²
1	Primary Bedroom	3.28 × 5.94 m	19.5 m²	21.4 m²
1	Shop / Garage (40x20 ft)	6.52 × 9.49 m	61.9 m²	69.4 m²
1	Walk-in Closet	1.64 × 3.04 m	5.0 m²	6.8 m²
1	Covered Porch (outdoor)	6.88 × 2.10 m	14.4 m²	14.4 m²
Total indoor			249.9 m²	282.7 m²

AI ARCHITECTURES

Plan Studio · ai-architectures.com

PROJECT

40x80 Barndominium with Shop

Modern Barndominium

SHEET TITLE

Area Schedule

GROSS AREA (THIS LEVEL)

282.7 m²

GROSS AREA (TOTAL)

282.7 m²

ENVELOPE

24.38 × 12.19 m

SCALE

NTS on A3

DATE

2026-10-11

PROJECT NO.

40x80 Barndominium

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-102