

0 m 1 m 2 m 3 m 4 m 5 m

N

AI ARCHITECTURES

Plan Studio · ai-architectures.com

PROJECT

Metal Shouse with 40x40 Shop

Modern Barndominium

SHEET TITLE
Floor Plan

GROSS AREA (THIS LEVEL)
354.0 m²

GROSS AREA (TOTAL)
354.0 m²

ENVELOPE
20.50 × 17.90 m

SCALE
1:100 on A3

DATE
2026-11-12

PROJECT NO.
Metal Shouse with

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	40x40 Shop	10.24 × 12.94 m	132.5 m²	141.0 m²
1	Bath 2	1.88 × 2.98 m	5.6 m²	6.2 m²
1	Bath 3	1.88 × 2.98 m	5.6 m²	6.2 m²
1	Bedroom 2	4.48 × 2.64 m	11.8 m²	13.8 m²
1	Bedroom 3	2.64 × 4.24 m	11.2 m²	13.8 m²
1	Bedroom 4	4.48 × 2.64 m	11.8 m²	13.8 m²
1	Bedroom Hall	9.08 × 1.48 m	13.4 m²	14.7 m²
1	Dining	3.48 × 3.34 m	11.6 m²	13.3 m²
1	Foyer	1.94 × 3.34 m	6.5 m²	8.5 m²
1	Great Room	5.54 × 7.28 m	40.3 m²	43.7 m²
1	Kitchen with Island	3.88 × 4.48 m	17.4 m²	18.4 m²
1	Laundry	1.54 × 3.54 m	5.5 m²	7.4 m²
1	Mudroom	1.98 × 3.54 m	7.0 m²	8.2 m²
1	Primary Bath	3.44 × 2.58 m	8.9 m²	10.3 m²
1	Primary Suite	4.38 × 4.24 m	18.6 m²	20.7 m²
1	Walk-in Closet	3.44 × 1.54 m	5.3 m²	7.2 m²
1	Walk-in Pantry	3.88 × 1.58 m	6.1 m²	6.8 m²
1	Covered Porch (outdoor)	5.90 × 2.20 m	13.0 m²	13.0 m²
	Total indoor		**319.1 m²**	**354.0 m²**

AI ARCHITECTURES

Plan Studio · ai-architectures.com

PROJECT

Metal Shouse with 40x40 Shop

Modern Barndominium

SHEET TITLE

Area Schedule

GROSS AREA (THIS LEVEL)

354.0 m²

GROSS AREA (TOTAL)

354.0 m²

ENVELOPE

20.50 × 17.90 m

SCALE

NTS on A3

DATE

2026-11-12

PROJECT NO.

Metal Shouse with

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