



AI ARCHITECTURES

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PROJECT

40x80 Barndominium with Shop

Modern Barndominium

SHEET TITLE

Floor Plan

GROSS AREA (THIS LEVEL)

3,043 sq ft

GROSS AREA (TOTAL)

3,043 sq ft

ENVELOPE

80'-0" x 40'-0"

SCALE

1/8" = 1'-0" on Tabloid 11x17

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	8'-2" × 7'-10"	64 sq ft	70 sq ft
1	Bath 3	6'-0" × 9'-1"	55 sq ft	69 sq ft
1	Bedroom 2	9'-4" × 13'-11"	129 sq ft	158 sq ft
1	Bedroom 3	9'-5" × 13'-11"	131 sq ft	148 sq ft
1	Bedroom 4	9'-5" × 13'-11"	131 sq ft	148 sq ft
1	Bedroom Hall	29'-0" × 3'-10"	112 sq ft	129 sq ft
1	Dining	8'-10" × 18'-2"	160 sq ft	177 sq ft
1	Foyer	6'-4" × 10'-4"	66 sq ft	87 sq ft
1	Great Room	23'-3" × 19'-6"	453 sq ft	488 sq ft
1	Kitchen with Island	10'-1" × 18'-2"	183 sq ft	203 sq ft
1	Laundry	7'-2" × 9'-9"	70 sq ft	77 sq ft
1	Mudroom	7'-2" × 8'-10"	63 sq ft	69 sq ft
1	Pantry	7'-2" × 8'-0"	57 sq ft	69 sq ft
1	Primary Bath	8'-2" × 11'-3"	92 sq ft	106 sq ft
1	Primary Bedroom	10'-1" × 19'-6"	197 sq ft	217 sq ft
1	Shop / Garage (40x20 ft)	21'-5" × 31'-2"	666 sq ft	747 sq ft
1	Walk-in Closet	6'-0" × 10'-0"	60 sq ft	81 sq ft
1	Covered Porch (outdoor)	22'-7" × 6'-11"	156 sq ft	156 sq ft
Total indoor			2,688 sq ft	3,043 sq ft

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SHEET

A-102

of 2