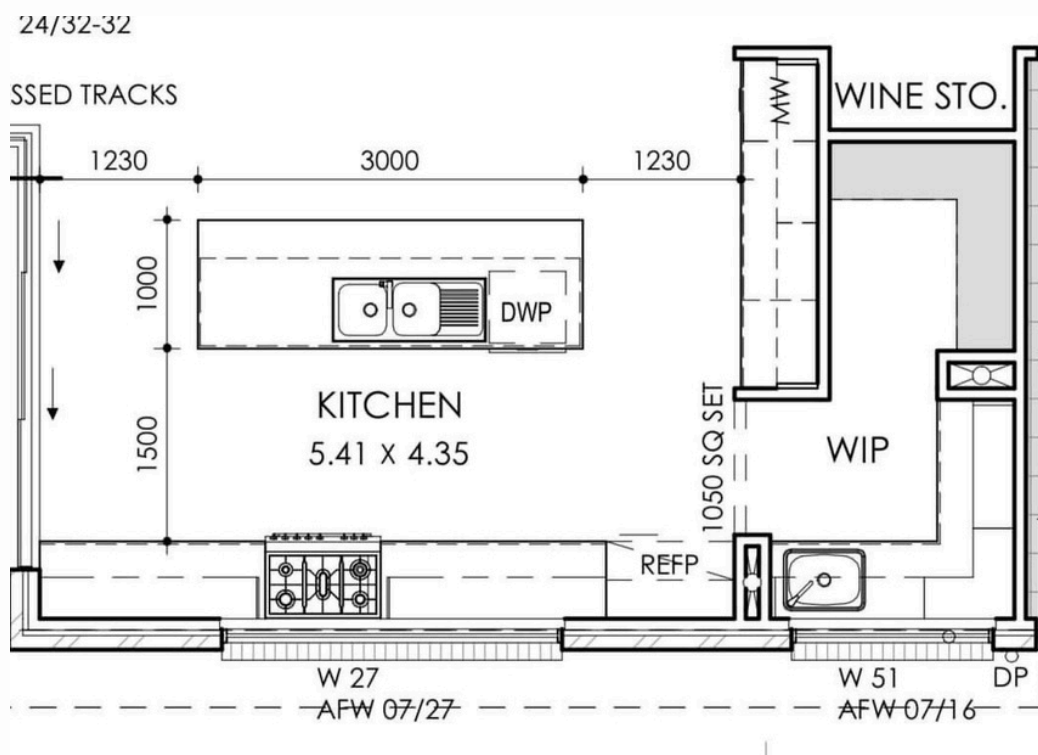
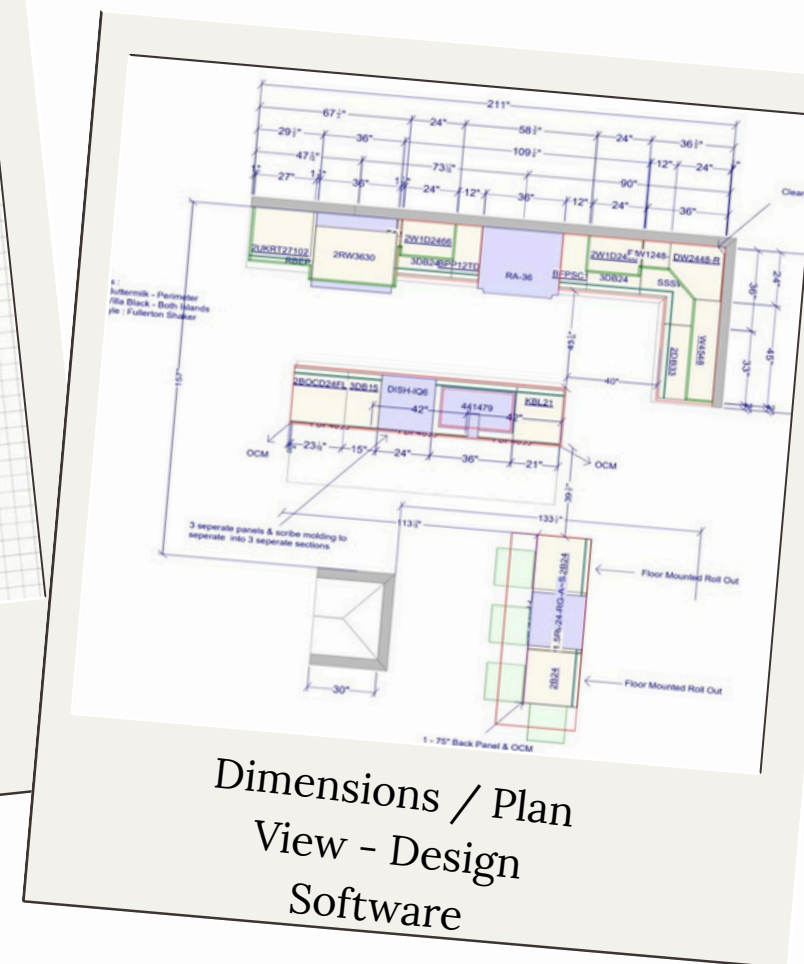
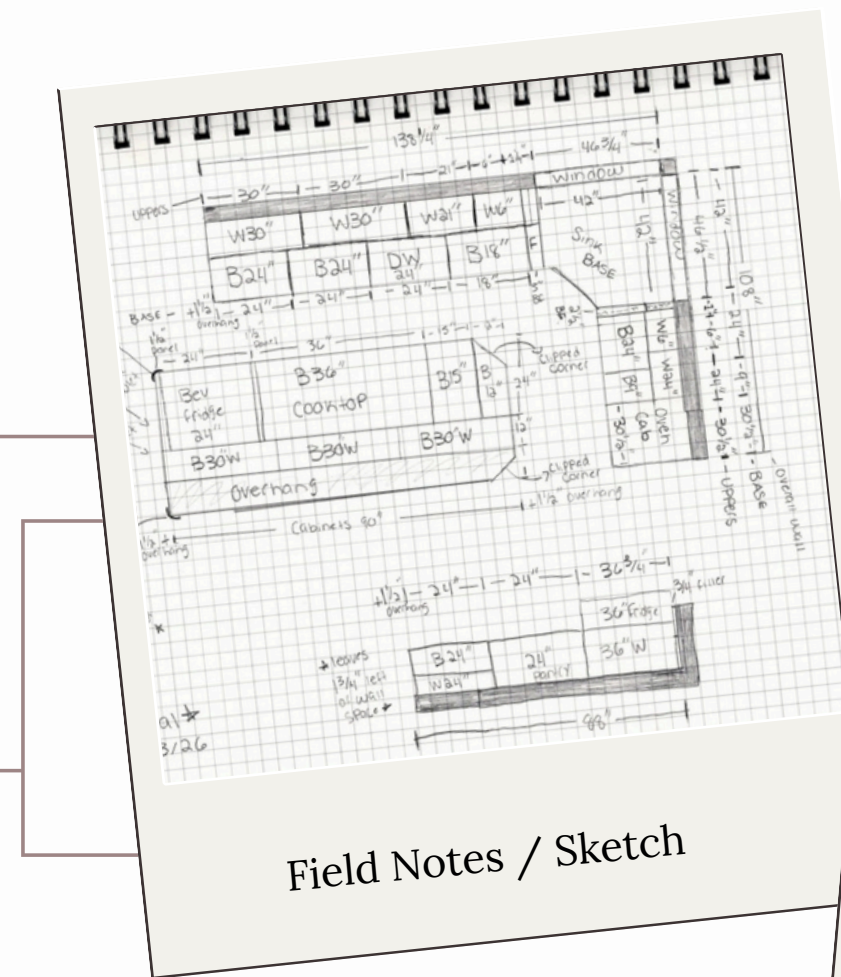


Artificial Intelligence & KITCHEN DESIGN

Willow Smith



How Kitchen Design Worked Before AI



Before AI, turning an idea into a real kitchen required measurements, professional software, and designer expertise.

What Changed?

AI Makes Inspiration Instant

Customers can now use AI to create realistic images of their ideas in seconds instead of only describing what they want.

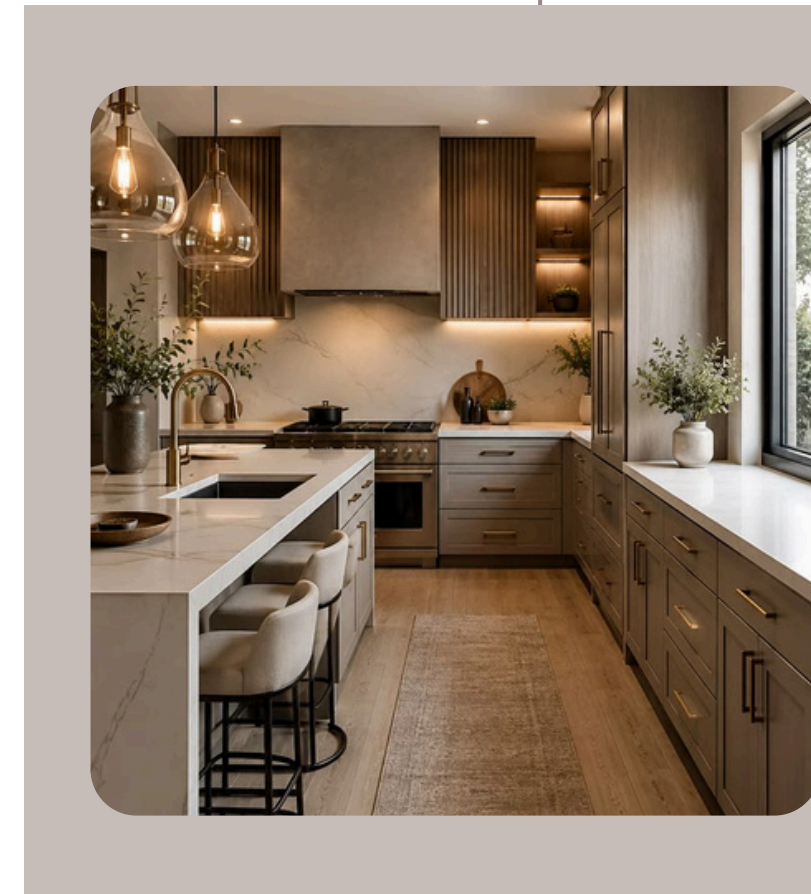
Customers Come In With a Vision

Instead of starting with a blank page, customers can bring AI-generated images showing layouts, colors, cabinets, and styles they like.

But a Picture Isn't a Plan

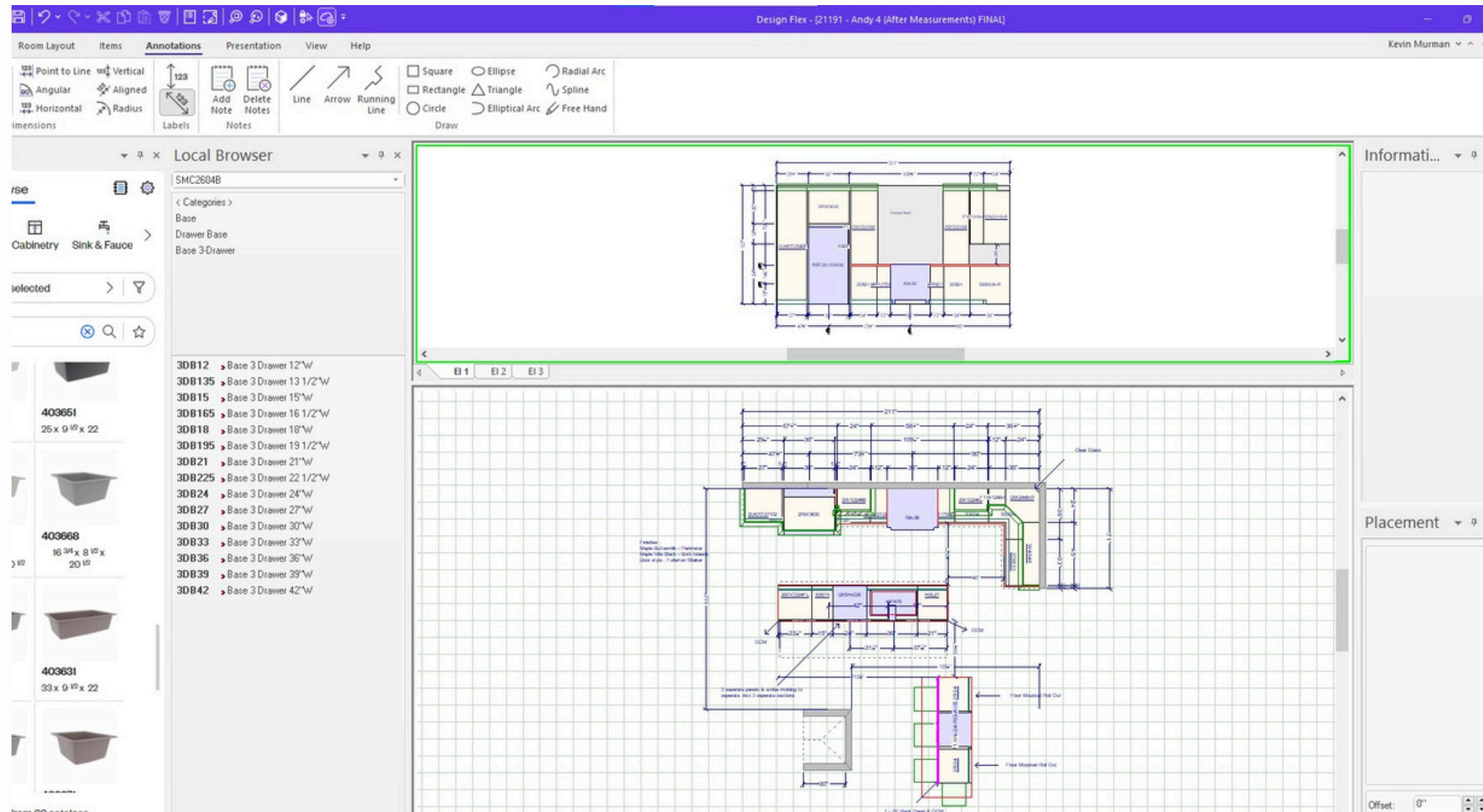
AI can show what a space could look like, but it doesn't always account for exact measurements, cabinet sizes, clearances, codes, or whether the design can actually be built.

AI is strongest at the beginning of the design process, helping turn ideas into visual inspiration.



What Is 2020 Design?

In my Work 2020 Design is the main software used that turns measurements, product selections / finishes into renderings & also allows me to generate quotes



BUILD THE SPACE

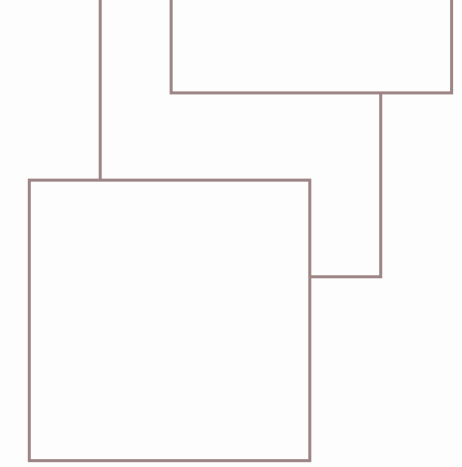
DESIGN WITH REAL PRODUCTS & FINISHES

VISUALIZE THE DESIGN

GENERATE CABINETRY & COUNTERTOP ESTIMATES

GET THE LIST OF MATERIAL TO PLACE ORDER

AI Is Changing The Design Process



The trend is not just personal, research shows AI is becoming part of how people plan & visualize their spaces



49%

of Americans surveyed already using
AI for interior design projects

32%

Identified the kitchen is a room where
they would want to use AI to design

AI-generated design is becoming part of how customers visualize and plan their homes before working with a professional.

Inspiration vs. Professional Design



Customer AI Vision

How this helps me:

- vision
- glass cabinets
- stacked cabinets
- desk drawer
- floating space
- color
- door style

VS.



2020 Basic Rendering

Other things I have to take into account that AI doesn't :

- Spacing / clearances
- Ceiling Height
- Top Molding
- Cabinet Depths
- Doorways / Windows

AI creates the vision. Professional design determines how the vision can actually work.

The Designer's Role Is Changing

AI does not remove the designer. It changes what the designer has to verify, explain & translate



91%

Of designers use AI for design tasks weekly

75%

Of designers use AI daily

47.5%

Of designers save 4+ hours a week with the use of AI

86%

of architects and designers
using AI say it saves them time.

AI can make parts of the design
process faster, but faster doesn't
replace human connection.



AI + PROFESSIONAL SOFTWARE

Tools like Render can create faster, realistic visuals, while 2020 Design helps turn those ideas into accurate, functional plans using measurements, products, pricing, and technical details.



THE HUMAN RELATIONSHIP STILL MATTERS

Designers build relationships with customers, ask questions, understand their lifestyle and needs, and guide them through decisions. AI can generate an image, but it cannot replace the trust and communication between a customer and their designer.



THE FUTURE IS WORKING TOGETHER

The future isn't AI vs. designers. It's using AI for speed and inspiration while relying on professional software, designer expertise, and human relationships to create spaces that actually work for the people using them.



CUSTOMER IDEA

Needs, lifestyle,
and inspiration



AI / RENDER

Generate concepts
and visualizations
in seconds



2020 DESIGN

Build accurate plans
with real products,
measurements,
and details



DESIGNER EXPERTISE

Verify, guide, solve
problems, and make
it functional



BUILDABLE DESIGN

A space that is
beautiful, functional,
and built for real life

REFERENCES :

Adobe. (2026). Design with confidence: AI for home design with Adobe.

<https://www.devlinpeck.com/content/ai-in-design>

<https://www.coohom.com/in>

<https://kitchendesign.io/>

<https://www.linkedin.com/pulse/saving-designers-20-hours-week-ai-how-can-save-productivity-j155f>

<https://www.bestversionmedia.com/article/2026-08-ai-in-kitchen-design-helpful-tool-or-costly-mistake/>

<https://kbcdesignstudio.com/kbc-blog/f/ai-vs-traditional-design-which-is-best-for-your-kitchen>