



Key Considerations for Building & Renovating a Compounding Lab

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Top Considerations



Overall Footprint, Size and Space Availability



Personnel & Desired Workflow



Nonsterile and Sterile Environments



Understanding of the Regulations (USP 795, 797 & 800)



Air-Control and HVAC Equipment

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Space & Size



Plan for Current and Future Growth



Ceiling Height, Air Supply & Air Returns (Hazardous & Sterile)



Equipment & Workflow



Evaluate "Stick-Build" vs. Modular Suites



Tape Flooring with Approximate Dimensions



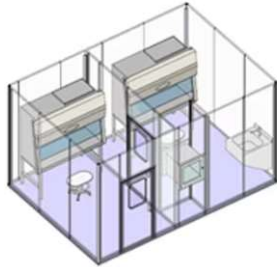
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Typical Lab Considerations



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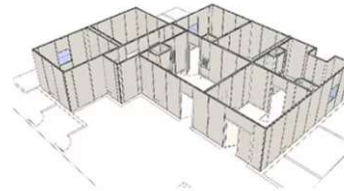
Sample Designs



STARTER



MIDSIZE





EXPANSIVE





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Understanding Regulations

 Hazardous vs. Non-Hazardous (USP 795, 797 & 800)

 Sterile & Nonsterile

 PPE, Entry Points and Storage

 Equipment & Fixture Placement

 Materials (Floors, Walls, Cleaning Protocols)



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“Stick-Build” or Traditional Construction

Price Effective

Retrofitting Existing Rooms


Solution for Minimal Space Requirements

Materials (Walls, Doors, Flooring, Ceiling, Windows, etc.)


Be Aware of Cleaning Procedures

Hazardous and Sterile (Edges, Angles, Difficult to Clean)

Very Good General Contractor Who Can Also Understand Specifications and Regulations



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Modular Suites — Cleanrooms

Potentially Larger Upfront Investment	Fully Customizable	Requires a Dedicated Space for Installation	Coving Included — Mitigates Risks
Easier & Faster Cleaning	Pressurized & Independent Controls with HEPA Inclusion	High-End Materials for Sterile or Nonsterile	Installation Is Fully Managed & Meets Timelines/Budgets



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Tips & Tricks for Decision-Making



PARTNER WITH A COMPANY WHO UNDERSTANDS COMPOUNDING PHARMACY



EVALUATE BUDGET VS. OPERATIONAL EFFICIENCY & LONGEVITY



UNDERSTANDING OF DAILY CLEANING PROCEDURES



REGULATIONS – PLAN FOR FUTURE COMPLIANCE



EVALUATE ALL MATERIALS BEING USED



APPLES-TO-ORANGES



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Need Help?

pccarx.com/cleanrooms

Need a Sterile Pharmacy Cleanroom or USP 800 Compounding Space?

GO MODULAR

Add a PCCA Cleanroom Solution That Exceeds USP 797 & 800 Standards

GET STARTED



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