

Project Concept To Completion

Design / Construction of Commercial Laboratories &

CLEAN ROOMS

BY *CapitalAEC*

- MASTER PLANNING
 - PHASING
- ARCHITECTURE
- ENGINEERING
- CONSTRUCTION

877-963-4632

www.CapitalAEC.com/cleanrooms

Successful Project Management that Saves You Time and Money

EVERY CLEAN ROOM PROJECT IS UNIQUE. We at CapitalAEC.com can deliver what you want as the end result that can be built cost effectively. Capital AEC will be your independent advocate who understands all aspects of the project – without exception – including costs and constructability.

Rest assured that when you retain CapitalAEC.com to be your CLEAN ROOM builder, your result will be a cost effective, functional design to the most stringent specifications that fills your organization’s needs for years to come.

Master Planning & Phasing

CapitalAEC.com has an exceptional success record with the Planning and Entitlement processes. This success comes from a multi-faceted approach whereby CapitalAEC.com takes nothing for granted and everyone is respected. Services include but are not limited to the following:

- Master Planning
- Site Evaluation & Selection
- Phasing Schedule
- Project Feasibility
- Preliminary Site, Floor & Elevation Design
- Visual Renderings
- Budgets
- Schedule
- Process Utility Mapping

Permit Processing

The permit and processing phase is the process in which after the design/build plans are completed, then they must be submitted to the municipality for “Building Plan Check” for the purpose of obtaining building permits. The municipality and its associates review the plans to be sure that all the codes and ordinances are being met. This is where the details of the project are being sifted through to be sure the future improvement will be built to be a safe structure.

Construction Bidding — Competitive Bidding

SAVE TIME & MONEY: The project is bid to Material Suppliers, Subcontractors, General Building Contractors and Design/build Contractors. The wide range of bid types gives CapitalAEC.com the ability to break down the project in a manner that best suits the project to save time and money.

Post Construction

In this phase, commissioning is complete. You have obtained your occupancy permit and you are utilizing your new facility. As with any custom project there will be various items that need to be attended to over the next several months. It is important that your project management understand who is responsible for what areas and that you have the proper contact information. In addition to contact information, a warrantee binder will be provided with a list of all equipment manufacturers and their contact information. Examples: equipment, air conditioners, roofing, etc. This will prove to be an invaluable reference tool in the years to come.

Design

In this phase, the project costs are being committed and the core design and structural components are being established. Our Design/Build teams are set up to design the highest quality structures for the least costs possible.

CapitalAEC.com’s Design/Engineer/Build teams are set up to design the highest quality structures for the least costs possible. Services of the Design/Engineer/Build division include but are not limited to the following:

- Building Core Design
- Building Production Design
- Utility Search
- Site Investigation
- Civil Engineering
- Structural Engineering
- Mechanical Engineering
- Process Utilities
- Electrical Engineering
- Plumbing Engineering
- Special Engineering
- Interior Design
- Specifications
- Title 24 Calculations
- Permit Processing
- BMS/System Controls



CapitalAEC.com has a strong history of constructing projects. The team leaders at CapitalAEC.com have built virtually every development and structure type on numerous occasions. The selection and management of key subcontractor and material vendors are key strengths of CapitalAEC.com. Our construction team is involved in each project starting at the planning stage. The construction team also works closely with the designers and engineers. This synergy across divisions greatly benefits each project. Services include but are not limited to the following:

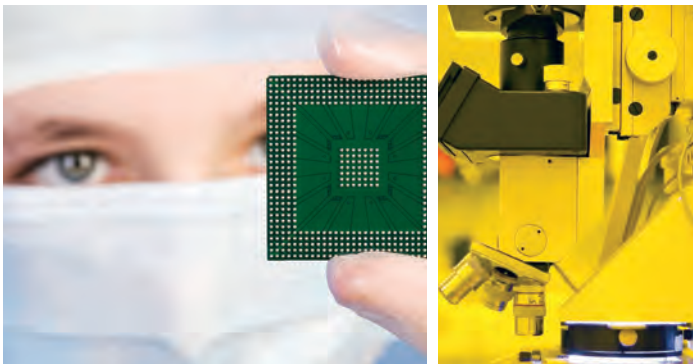
- Construction Management
- Value Engineering & Analysis
- Site Management
- Cost Estimating
- Bid Invitations
- Construction Scheduling
- Subcontracting
- Material, Equipment Purchasing
- Site Labor Coordination
- Special Testing & Inspections
- Project Close Out and Warranties

A SUCCESSFUL CLEAN ROOM PROJECT DEPENDS ON SUCCESSFUL EXPERIENCE

Our senior management has been involved with the following clean room/lab projects:

- Amphastar Pharmaceutical – Rancho Cucamonga, CA
 - ISO 5 ~ 7 Filling Cleanroom Construction
- Raytheon – El Segundo, CA
 - ISO 7 Cleanroom Feasibility Study & Budgeting Package
- Cosmic Fog, E-Liquid – Santa Ana, CA
 - ISO 7 Filling Cleanroom
- Smart Electronics – Anaheim, CA
 - ISO 7 Cleanroom Construction
- Kelpac PPC – Nogales, AZ
 - Medical Tubing Extruding Line Exhaust System
- Vertos Medical – Aliso Viejo, CA
 - ISO 7 Modular Cleanroom Construction
- University of New York Population Council – New York, NY
 - ISO 8 Cleanroom / Lab Room Conversion
- Intechrity – Irvine, CA
 - ISO 7 Medical Mfg Cleanroom Construction
- California Air Resources Board – El Monte, CA
 - ISO 5 Emissions Device Testing Cleanroom Construction
- Microflex Seals – Santa Ana, CA
 - ISO 7 Electronics Mfg Cleanroom Construction
- Kelcourt PPC – San Clemente, CA
 - Distribution Facility Renovation
- Amphastar Pharmaceuticals – Rancho Cucamonga, CA
 - ISO 6 Modular Filling Cleanroom Construction
- Amphastar Pharmaceuticals – Rancho Cucamonga, CA
 - 1st ~ 2nd Floor Administration Office Expansion
- Ball Aerospace High Bay – Boulder, CO
 - ISO 6 Optics Satellite Testing Cleanroom Construction
- NASA – New Orleans, LA
 - ISO 7 Cleanroom Construction

Simply put, CapitalAEC brings unmatched professionalism and experience to the job of completing your project to your specifications and within your budget.





The mission of CapitalAEC is to develop, manage and bring to completion the clean room/lab project that ensures sustainable long-term profitability and optimum return on investment. Our team focuses on the functionality you need, saving you time and money.

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