

Pharm Design Company SERVICES

2020



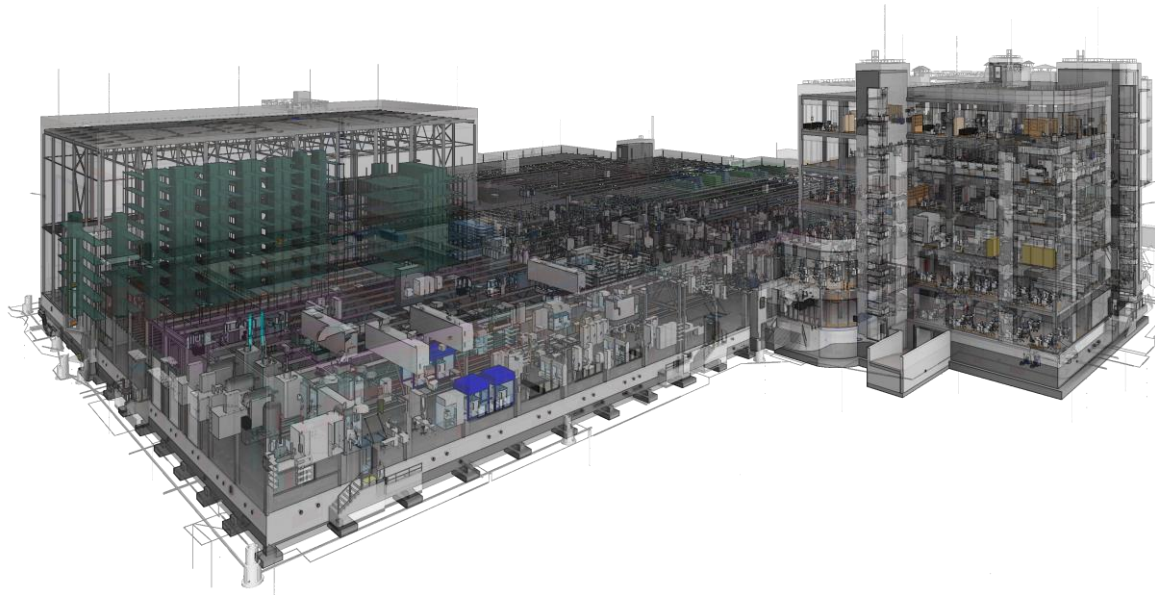
Pharm Design
is one of the leaders in
leveraging the technical
capabilities of BIM
design and information
modeling.

Pharm Design is a company that creates high-tech facilities from zero cycle to turnkey delivery for pharmaceutical, medical and biotechnological industries.



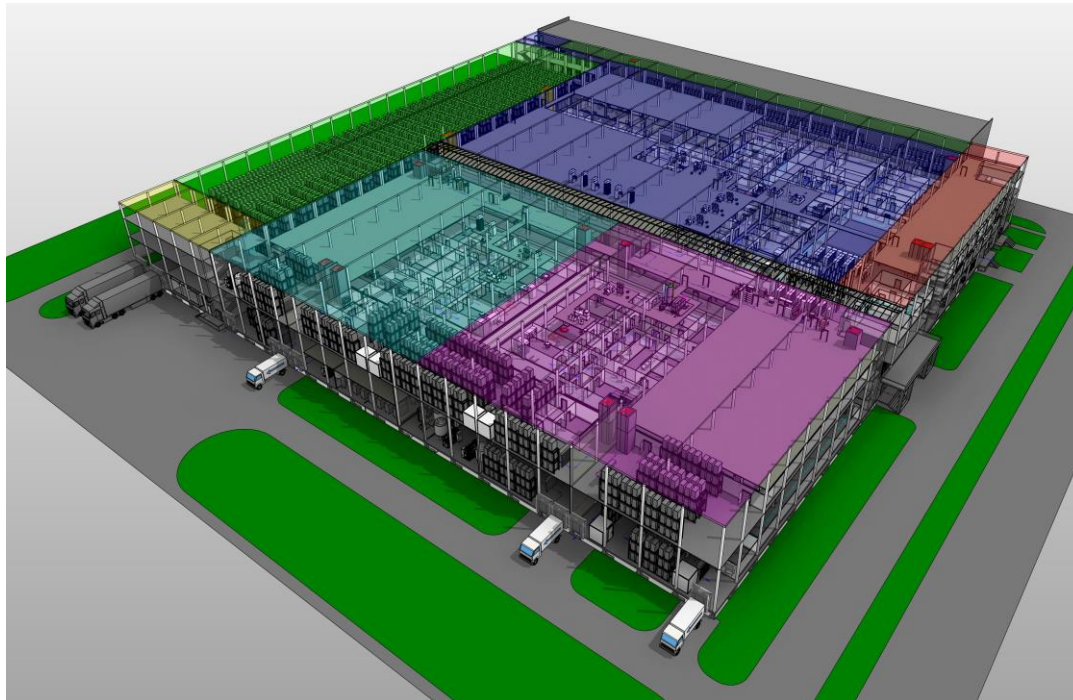
The company implements a full range of works: from the “zero” cycle to the commissioning of the facility.

We carry out a full range of works on the development of design and estimate documentation, ensuring approvals with supervisory and regulatory authorities (GR-management), holding tenders, passing state expertise, project certification, conducting field supervision, performing construction work, commissioning an object.



BIM design:
information modeling of
buildings

Design is carried out using the Building Design Suite by Autodesk, an integrated 3D design software that supports workflows based on information modeling (BIM) technology and tools for the effective release of working documents and visualization of projects.



Project documentation:
implementation of project's
core

Documentation defining architectural, functional and technological, constructive and engineering solutions.

Pharm Design implements basic engineering solutions focused as much as possible on meeting functional requirements, location requirements, and recommends cost-effective solutions that meet the requirements of regulatory authorities.



Working documentation:
implementation of the
adopted design solutions

Documentation ensuring the implementation of the technical solutions of the facility, adopted and approved in the project documentation, necessary for the construction and installation work.

Our detailed design helps the end user to organize a GMP-compliant facility in the shortest possible time and at a reasonable cost.



Author's supervision:
guarantee of high-quality
implementation of design
solutions

Designer supervision is a type of quality control. Its main goal is to exclude unreasonable deviations from the requirements of design, working and estimate documentation during the construction process.

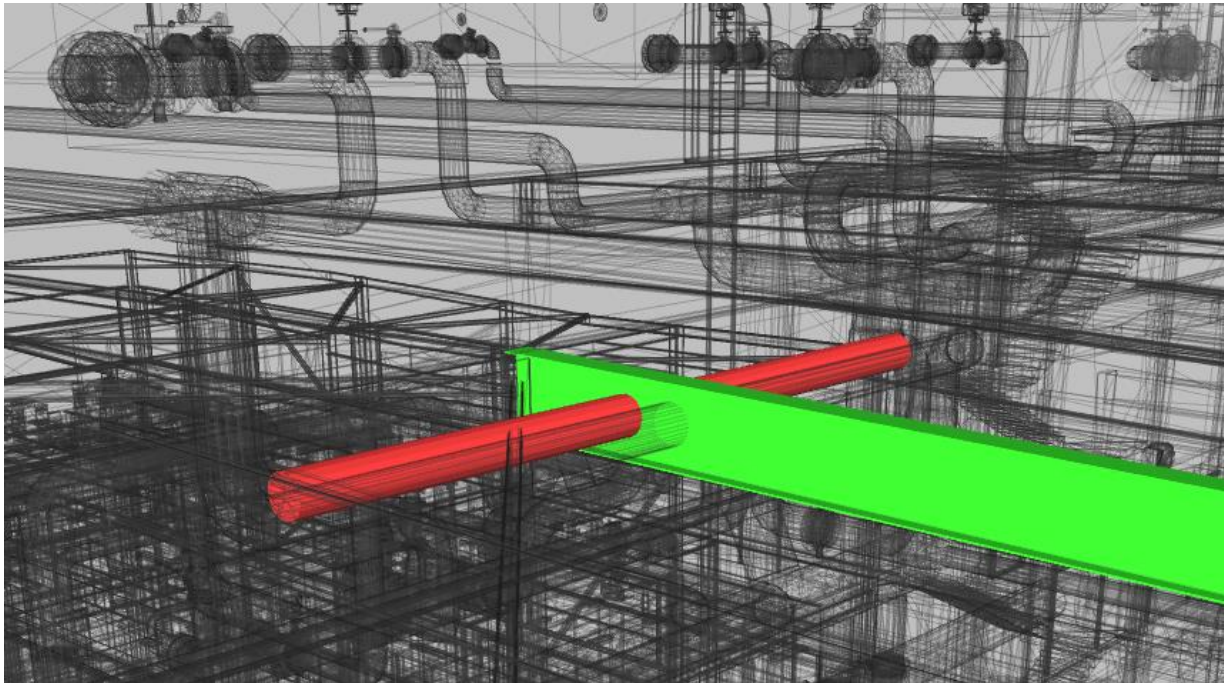
Field supervision by Pharm Design guarantees the issuance of a permit to commission the facility, as well as the compliance of the project with the investment plan of the Customer.



GR-management:
design, construction,
operation

The GR-management of Pharm Design will allow you to obtain all the necessary approvals and permits for the start of construction and subsequent commissioning of the facility.

Our experience will allow you to promptly ensure approvals in government agencies and institutions, obtain the necessary permits, avoid exceeding the time and cost of building an object.



BIM coordination;
Creation of a BIM
model from 2D
drawings; Collision
checking

BIM coordination is a set of solutions: project planning in the BIM environment, the introduction of cloud technologies in design and construction, the search for collisions and control of their elimination.

This service increases the efficiency of coordination of design solutions with the customer and excludes the occurrence of possible conflicts between engineering systems at the construction site.



Civil works;
Outdoor networks;
Engineering systems;
Technological equipment;
Clean rooms;
Technological environments.

Pharm Design offers its services for the construction of Pharmaceutical and Biopharmaceutical production complexes.

Pharm Design carries out industrial construction of pharmaceutical enterprises, including general construction and installation works, laying of external and internal engineering networks, interior decoration of premises in accordance with GMP standards.



BIM design;
Supply;
Installation of clean rooms;
Clean room certification.

Our competent construction specialists understand in detail the specific requirements of GMP standards, guidelines and principles for clean rooms.

Our experience allows us to apply the necessary resources to implement your project, optimize the use of investments, reduce risks, tighten schedules and ensure the success of a cleanroom project.



Pre-preparation;
Purified water;
Water for injections;
Pure steam.

Pharm Design performs a full range of works on equipping chemical and pharmaceutical enterprises, various laboratories and other facilities with water treatment systems.

When choosing the type of installation for the preparation of pharmaceutical-grade water, our specialists take into account the specifics of production, the type of products, capital and operating costs, possible risks and other factors.



Compressed air;
Process gases;
Vacuum.

Pharm Design specialists are highly qualified in the design and construction of process environments in accordance with current good manufacturing and engineering practices (cGMP, GEP), as well as guidelines and principles for clean rooms.



Ventilation system;
GMP monitoring;
Pressure cascade;
Conditioning;
Heating.

When organizing clean rooms, it is important to correctly calculate air exchange, take into account air flows due to leaks in structures, pressure drops, openings, etc.

It is important to organize the air exchange in such a way as to avoid the transfer of particles to the product in any way and to protect personnel.



Air preparation of insulators;
BIBO filters;
Scrubbers;
Explosion-proof version;
Disinfection.



Cooperation with our company is the key to successful project implementation

Project documentation	GR-management
Tender documentation	Working documentation
Author's supervision	Clean rooms
Technological media	General contractor



PHARM DESIGN
Pharmaceutical
Engineering
Company

Thanks for attention!

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