

# Life Sciences

Our service to the Life Sciences Community for over 30+ years makes PS&S well qualified to address and respond to each of our clients' research, development and discovery opportunities. PS&S' unique offerings foster collaboration and excitement while promoting flexible, custom-designed, sustainable solutions. Our dedicated professionals have the expertise to respond to our client's business goals and market conditions with innovative, insightful solutions for cGMP/cGLP facilities. Our full service expertise includes: architecture, process architecture & engineering, MEPF, civil/site, structural, geotechnical, GIS, 3D laser scanning and environmental engineering/permitting services. Our process is highly interactive and stimulating with real-time visualization software platforms using state-of-the-art BIM/Revit modeling and visualization software. PS&S integrates project-specific real-time services with seamless communication and precise coordination



## Why PS&S

- 1 Single Source Support.** PS&S supports project development and delivery from field assessments and viability studies to detailed design and construction support services.
- 2 Unique Expertise to Support Latest Manufacturing Technology Trends.** Our process architects and engineers deliver complex, collaborative solutions in an industry with drastically changing technology.
- 3 Master Planning and Space Optimization.** We specialize in integrated planning, supporting our clients in envisioning, inspiring environments that are sustainable, flexible and functional. PS&S has successfully supported many of our clients' planning needs related to manufacturing, R&D, quality control, within the pharmaceutical, biotechnology, medical device, food & beverage, and animal health industries..
- 4 Customer Service.** Our dedicated and committed professionals maintain client communication through facilitated workshops and planning sessions to effectively link strategic goals, ideas and site solutions while managing LEAN initiatives and sustainable solutions with maintaining schedule demands.

## Representative Clients

- Abbott
- Acambis
- Aeras
- Amgen
- Becton Dickinson
- Boehringer-Ingelheim
- Bristol-Myers Squibb
- Celgene
- Firmenich
- IAVI
- Janssen-Ortho
- Johnson & Johnson
- Lifecell
- Merck & Co., Inc.
- Millennium Pharmaceuticals
- Novartis
- Ortho-McNeil
- Pfizer
- Purdue
- Roche
- Sanofi-Aventis
- Sanofi-Genzyme
- Zoetis



For more information on Life Sciences services, please contact

**Thomas Scally at [tscally@psands.com](mailto:tscally@psands.com) or 732.584.0380.**

# Services

## Laboratories

cGLP Laboratories • Biological • Chemical, Vivariums • QA/QC, Safety and Ergonomics • Office and Collaborative Spaces • Specialized HVAC Systems • Containment and Isolation • Clinical Production • DEA Substance Control • Medical/Clinical Testing Labs

## Manufacturing

Biotech • Medical Devices • Oral Solid/Liquid Dosage • Vaccines • Labs • Small Molecule • Sterile Fill/Finish • Fermentation • Packaging • GMP Warehousing • Single Use Technology • Bioreactors • Containment Systems • GMP Water Systems • CIP Systems • Commissioning

## Energy-Utilities-Infrastructure

Chilled Water Plant Optimization • Utility Systems Optimization • Combined Heat and Power (CHP) • Energy Audits, Assessments and Implementation • Central Utility Plants • Alternate Fuels • Real Time Utilities Metering • Alternative Energy • Stormwater Management • Topo and Boundary Surveying • Airflow Reduction

## Facilities Support Services

Subject Matter Expertise • Resident Staff • A/E On-Call Expertise • Project Peer Reviews • Reliability Enhanced O&M Reviews • O&M Upgrades and Repairs • Construction Phase Services • Zoning and Code Analysis • Interior Design • Space Optimization • Landscape Architecture

## LEED-Sustainable Design

Sustainable Master Planning • Renewable Energy • Water Conservation • Grey Water Reuse/Waste Minimization • Site Use Optimization • Hi-Performance Buildings • Sustainable Architecture • Energy Conservation

## Environmental Services

Permitting and Compliance • Site Planning and Approvals • GIS Solutions • Site Remediation • Adaptive Reuse • Industrial Wastewater Treatment • Floodplain Studies and Development • Air and Noise Modeling • Environmental, Economic and Social Planning • Habitat Restoration

# PS&S Offers

Process Engineering/Architecture

Landscape Architecture

Architectural Services

Interior Design

Structural, Civil, Geotechnical, MEP/FP, Water/Wastewater, and Gas Engineering

Environmental Engineering

Environmental Remediation

3-D Laser Scanning

## PS&S Delivers

- Strategic Campus Relocation
- Master Planning
- Technical Advisory Services
- Staff and Operations Relocation Planning
- Work Place Space Optimization
- Change Management
- Enabling Projects for Major Expansions/New Construction
- Due Diligence for Domestic and Global Acquisitions
- Energy and Sustainability Strategies
- Environmental Planning

PS&S is a leader in Sustainable Design, a winner of numerous "Design Excellence Awards" and is ranked as one of the Top National Design Firms in Pharmaceuticals.



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