

# HEALTH CARE SPECIALIZED EXPERTISE.



Planning a construction or renovation project for a health care facility can be a daunting task on the surface. Modern facility design requires specialized knowledge of the various life safety systems, patient care environments, and industry wide complex health care standards applicable today. Selecting a trusted and experienced design team with the ability to proactively address these items is critical. From private outpatient care offices to large state-of-the-art medical center complexes; FXB has demonstrated exceptional attention to detail with reliable engineering practices to help keep their partners on the leading edge of the health care industry.

## FEATURED PROJECT



### ALBERT EINSTEIN MEDICAL OFFICE

EAST NORRITON, PENNSYLVANIA

Einstein Medical Center is part of the Philadelphia-based Einstein Health Care Network and accredited Level I Regional Resource Trauma Center in Philadelphia. FXB Engineering has been trusted to provide MEP services for 5 expansive projects including: Cardiology Consultants of Philadelphia, Montgomery Asthma & Lung Center, Nephrology Associates, Dermatology Associates and Protypical MOB.



## HEALTH CARE SNAPSHOT

<i>A.I. Dupont Hospital</i>	<i>Gateway Medical</i>
<i>Abington Memorial Hospital</i>	<i>Gaudenzia</i>
<i>Amerihealth Mercy</i>	<i>General Ecology Inc.</i>
<i>Aramingo Urgent Care</i>	<i>George Bastedos Residence</i>
<i>Aria Medical Center</i>	<i>Glen Mills Endodontics</i>
<i>Blue Pearl Veterinary Hospital</i>	<i>Holcomb Behavioral Health</i>
<i>Branch Medical Group</i>	<i>La Comunidad Hispana Dental</i>
<i>Brandywine Hospital</i>	<i>Lehigh Valley Hospital</i>
<i>Bryn Mawr Dermatology</i>	<i>Main Line Health</i>
<i>Bryn Mawr Rehab</i>	<i>Med Center 100</i>
<i>Cardinal Village Independent &amp; Assistant Living</i>	<i>Newmours DuPont Pediatrics</i>
<i>Cardiology Consultants of Philadelphia</i>	<i>Oak Ridge Rehab Center</i>
<i>Chester County Government Services</i>	<i>Ophthalmic Partners</i>
<i>Children's Hospital Ambulatory Garage</i>	<i>Patient First</i>
<i>Comprehensive Medical Home Care</i>	<i>Penn Medicine Chester County Hospital</i>
<i>Crosskeys Urgent Care</i>	<i>Philadelphia Animal Hospital</i>
<i>Crosslands Wellness Center</i>	<i>Physiotherapy Associates</i>
<i>Crozer Health Pavilion</i>	<i>Pocopson Veterinary Station</i>
<i>Delaire Nursing Home</i>	<i>Practice without Pressure</i>
<i>Delaware Valley Community Health</i>	<i>Rainbow Family Dental</i>
<i>Derm One</i>	<i>Reading Hospital</i>
<i>Doctor's Express</i>	<i>Revera Care Centers</i>
<i>Doylestown Hospital</i>	<i>Saint Ignatius Nursing Home</i>
<i>Dr. Dai, Dental</i>	<i>Saint Christopher's Pediatrics</i>
<i>Dr. Ghani, Dental</i>	<i>School of Veterinary, Ryan Hospital</i>
<i>Dr. Ian Thomas, Orthodontics</i>	<i>Southampton Village</i>
<i>Dr. Kessler, Endocrinology</i>	<i>Spaydes Vet Clinic</i>
<i>Dr. Laskas, Dermatology</i>	<i>St. Luke's Blood Draw</i>
<i>Dr. Mudrick, Family Medicine</i>	<i>Therakos</i>
<i>Dunwoody Village</i>	<i>University of Pennsylvania</i>
<i>EBS Healthcare</i>	<i>VA Medical Center</i>
<i>Elywn</i>	<i>VenatoRx</i>
<i>Executive Health Resources</i>	<i>Westtown Village</i>
<i>Executive Health Services</i>	<i>White Horse Village</i>
<i>Fair Acres</i>	<i>Wyncote</i>

## INDUSTRY EXPERTISE

### Health Care Facilities

#### Facility types

- Hospitals/Medical Centers
- Outpatient Facilities
- Medical Clinics Sports Medicine
- Ambulatory Care Facilities
- Doctor/Dentist/ Dermatologist Offices
- Assisted Living/Skilled Nursing
- Psychiatric Treatment Facilities

#### What we do

- Feasibility/Energy Studies
- New Construction
- Expansions/Renovations/Enhancements
- Lighting System Replacements
- Short Circuit/Coordination/Arc Flash Studies
- Commissioning & Retro Commissioning
- Chiller Plant & Boiler Plant Replacement
- Generator Replacement/Upgrades
- Primary power distribution systems/substations





### BRANDYWINE HOSPITAL MEDICAL CENTER

EXTON, PA

MEP design for numerous medical suite renovations.



### EBS HEALTH CARE

WEST CHESTER, PA

Electrical design of the 2,500 SF office and backup generator design.



### NEMOURS DUPONT PEDIATRICS

PAOLI, PA

MEP design for landlord shell. 6,400 SF diner converted/expanded/renovated to a 9,660 SF medical office.



### EYE CARE OF AMERICA

WILMINGTON, DE

MEP Design for the 4,600 SF shell space.



### WHITEHORSE VILLAGE

NEWTOWN SQUARE, PA

Campus generator and electrical substation installation project. New 3,000kW backup diesel generator to support the entire campus. New 33kV PECO service, automatic 35kV source transfer switch and 33kV-480/277 volt substation. 25 new pad mounted transformers ranging from 100kVA to 3750kVA. New 35KV underground distribution system throughout the campus. Campus wide Powers Systems Study. Construction was completed in 2017. Construction cost is estimated at 5.2 million.



### DUNWOODY VILLAGE

NEWTOWN SQUARE, PA

Campus generator and electrical substation installation project. New 3,000kW, 13.2kV backup diesel generator to support the entire campus. New 33kV Peco service, 15kV automatic transfer switch, 33kV-13.2kV volt. substation. New 5 section, 13.2kV SF6 switchgear lineup. New 1,000kVA 13.2kV-208/120 volt substation and switchboard lineup. Construction was completed in 2012. Construction cost is estimated at 5.0 million.



### **CROZER CHESTER MEDICAL**

SHARON HILL, PA

MEP | FP | FA design for the single story 5,500 SF office fit out.

### **ARAMINGO URGENT CARE**

PHILADELPHIA, PA

MEP | FP | FA design for the conversion of a diner into a 4,800 SF medical office space.



### **BLUE PEARL ANIMAL HOSPITAL**

MIDTOWN & DOWNTOWN MANHATTAN, BROOKLYN, NY LOCATIONS

MEP | FA design for the renovations of existing veterinary hospitals.



### **LEHIGH VALLEY HOSPITAL**

MOUNTAIN TOP, PA

MEP | FP | FA design for the phase build out of the 23,000 SF ambulatory care facility.

### **DAVITA DIALYSIS CENTER**

MORTON, PA

Electrical Design.

### **BRYN MAWR DERMATOLOGY**

VILLANOVA, PA

MEP | FP | FA design for a 4,132 SF tenant fit-out.

### **THE HEARTH: MARY J. DREXEL ASSISTED LIVING**

BALA CYNWYD, PA

Mechanical and Plumbing design.



### **REVERA CARE CENTERS**

MULTIPLE LOCATIONS IN NJ AND MA

MEP | FP | FA | Coordination Studies for multiple nursing homes.

### **PHILADELPHIA ANIMAL HOSPITAL**

PHILADELPHIA, PA

Plumbing design for the tenant fit out for 6,658 SF veterinary practice.



### **POCOPSON VETERINARY STATION**

WEST CHESTER, PA

Electrical design for the expansion and renovations of the original train station to a new veterinarian hospital.







### READING HOSPITAL

READING, PA

Electrical design for the lab power distribution project.

### PRACTICE WITHOUT PRESSURE

NEW CASTLE, DE

Mechanical and Plumbing design for a 3,000 SF residential expansion/conversion into a Non-Profit Medical/Dental Suite that specializes in health care for people with disabilities.



### VA MEDICAL CENTER

WILMINGTON, DE

Mechanical and Electrical Engineering for two generator replacement projects. Motor control center replacement and site lighting retrofit replacement projects. MEP for new pavilion.



### ARIA HEALTH

LANGHORN, PA

Electrical and Mechanical Engineering for the installation of a humidification system.



### GATEWAY INTERNAL MEDICINE

COATESVILLE, PA

MEP | FP | FA renovations of 6,500 SF first floor medical suite.



### CHESTER COUNTY HOSPITAL RADIOLOGY SCHEDULING OFFICE

WEST CHESTER, PA

MEP Engineering for the 2,339 SF fit out.



### HOLCOMB BEHAVIORAL HEALTH

EXTON, PA

Electrical design & fire alarm layout for the 31,684 SF office fit-out.