



PROJECT NEWS

Lynnwell Associates Completes New Dana-Farber Merrimack Valley Outpatient Facility in Methuen, MA

NECA Contractor teams with Architect: Smithgroup, Boston, MA; GC: Consigli, Boston, MA; EE: E31, Boston, MA



METHUEN, MA – Lynnwell Associates, based in Quincy, Massachusetts, has completed the complex and multifaceted electrical, tel-data and security installations at Dana-Farber Cancer Institute’s (DFCI) Merrimack Valley outpatient facility, located at 5 Branch Street in Methuen, MA. The new DFCI facility, which opened on January 29th, offers adult patients expanded cancer and blood disorder care with Dana-Farber’s world-leading cancer treatment and support services.

The state-of-the-art 60,000 sf Dana-Farber Merrimack Valley facility features an environment similar to the Dana-Farber Longwood (Boston) facility. Equipped with 24 exam rooms and 32 infusion bays, DFCI Merrimack allows for patient access to Dana-Farber’s clinical trials. Expanded patient support services include genetic counseling, coordinated care with licensed oncology social workers and with highly-specialized registered dietitians.

Elaborate fit-out requirements

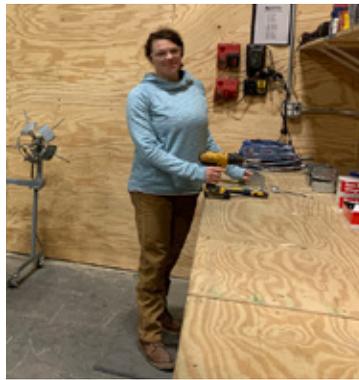
Lynnwell Associates comprehensive electrical scope entailed the installation of new switchgear, which included critical and life safety equipment and four additional automatic transfer switches that work in

conjunction with an existing transfer switch and backup generator. The NECA contractor also provided a new, advanced lighting control system, as well as comprehensive LED lighting and specialty lighting throughout the facility. The contractor also was tasked with the installation of a new fire alarm system; Nurse Call system; a new security system complete with CCTV; and an intercom system, as well as a new paging system. In an expansion of the original project scope, Lynnwell installed a RTLS (Real Time Location System) and a CAMS (Critical Alarm Management System) throughout the facility, as well as a new A/V system. The project also entailed installation of the facility’s extensive and complex tel/data system.

In a unique project requirement, the facility’s prefabricated electrical penthouse was airlifted into place atop the building’s roof.

Clean Room for genetic testing

The new Dana-Farber facility houses a specialty Clean Room lab, which provides genetic testing and other cancer research functions. The Clean Room is a fully modular, prefabricated panelized system, inclusive of walls, ceiling and ceiling suspension, in which Lynnwell’s installations included vapor-tight specialty lighting.



IBEW Local 103 apprentice, Maribeth Powers, was instrumental in prefabricating electrical components.

Accelerated project schedule

The fast-track 8-month project schedule, which commenced in February 2019, was compressed by 10 weeks to accommodate Dana-Farber’s occupancy requirement schedule. Lynnwell reached substantial project completion in October in meeting the escalated schedule.

Lynnwell Associates Project Manager Bobby Falzone and Electrical Foreman Scott Reed supervised the project team, managing a field crew of 20 IBEW Local 103 electricians, which included three foremen, as well as three technicians.

Due to the abbreviated timeline, much of the electrical fit-out was performed in mid-summer and the facility’s glass facade created an intense heat condition inside the building. To ensure all

electricians and other tradespeople were able to safely perform construction tasks without working in oppressive heat, portable air conditioning units were installed throughout the facility’s work areas.

Lynnwell Associates worked on a project team headed by general contractor Consigli. Todd Flanders, project superintendent for Consigli, commented on the team effort that was required. “Lynnwell Associates’ project team was instrumental in our ability to meet the project’s compressed schedule. They are a unique team

and performed their complex scope to the highest level of quality in a facility that has very stringent requirements. All key timeline milestones were met, thanks to close coordination with Dana-Farber and their Owner Representative Project Manager, Vamshi Thakkallapalli of Terva, as well as the great cooperative effort of all our subcontractors.”

Lynnwell’s PM Falzone added, “It required a massive team effort among all the trades. Lynnwell Associates is proud to have been involved in such an important project for Dana-Farber and the city of Methuen, as well as the residents of Merrimack Valley.”



Construction Team Outreach to the Jimmy Fund – L-R - Lisa Scherber, Dana-Farber Director of Patient and Family Programs and Stephen Paquin, Dana-Farber Senior Architect, Lynnwell PM Bobby Falzone and Foreman Scott Reed.

Construction team contributes \$3,300 to Jimmy Fund

The Dana-Farber Merrimack Valley project raised a total of \$3,300 for Dana-Farber’s Jimmy Fund. The construction team collected \$1,100 in the community outreach effort headed by general contractor Consigli Construction’s Superintendent Todd Flanders and Lynnwell’s Foreman Scott Reed. Matching amounts were donated by Anthony and Matthew Consigli of Consigli Construction and Terva, the owner’s project representative.

PROJECT NEWS

LAN-TEL Communications Provides Security and IT Systems for Revolutionary Growers Cannabis Cultivation Facility in Fitchburg, MA and Revolutionary Clinics Medical Clinic Facility in Cambridge, MA

NECA Contractor teams with Architect: Elton and Hampton Architects, Boston, MA; GC: Valiant Construction, Beverly, MA



Revolutionary Growers cultivation facility, Fitchburg

NORWOOD, MA – Security and IT requirements for cannabis cultivation, medical and retail facilities are complex and critically important. Recent projects for Revolutionary Growers and Revolutionary Clinics by LAN-TEL Communications, an industry leader in security system and IT system solutions, headquartered in Norwood, Massachusetts, are illustrative of the comprehensive planning, design, and installation of low-voltage systems that ensure cannabis facilities meet stringent security and data requirements.

LAN-TEL is nearing completion of the elaborate design/build security and tel/data system requirements for Revolutionary Growers 135,000 square-foot cultivation facility in Fitchburg, Massachusetts and has recently completed security and IT installations at Revolutionary Clinics medical marijuana facility at 2019 Mass Ave. in Cambridge, Massachusetts.

The expansive Fitchburg cultivation facility, spread across multiple floors in multiple buildings, required a multi-phased project for the installation of security and tel/data systems.

Concentric security protection approach

LAN-TEL's layered security design solution for both the cannabis cultivation and medical marijuana facilities features a concentric circle of protection approach. In the Revolutionary Clinics 5,000 square-foot

Mass Ave. medical facility in Cambridge, the highest security areas, including the vault, are safeguarded with access control, motion detection, intrusion detection and security cameras. The Revolutionary Clinics facility has 100 percent camera coverage on every square inch of the facility, including in the vault and at POS terminals. Access control and motion control security are employed at the exterior of the facility.

LAN-TEL has engineered and built all security systems on a single, integrated platform, which interfaces with a state-of-the-art security station to monitor all security systems. A private security firm maintains the system, and two alarm companies are utilized for redundancy in external central station alarm monitoring. The Cambridge and Fitchburg police departments have access to exterior facility security.

The NECA Boston contractor also provided IT solutions for both the cultivation and medical/retail facilities, including internet, a robust "seed to sale" IT network, and low-voltage structured cabling for LED lighting.

LAN-TEL's services also encompassed assistance in the owner's regulatory approval process – with local planning boards, the State Cannabis Control Commission, the State Department of Health and neighborhood abutter communities.

LAN-TEL Director of Security

and New Business Development John Grennon, Project Manager and Director of IT Mike French and Project Manager Sean Lewis (Security) headed the project team managing a crew of IBEW Local 103 technicians at both the Fitchburg cultivation facility and the Cambridge medical/retail facility.

"LAN-TEL's expertise in the most advanced security and IT system technologies, coupled with our experience in providing hundreds of highly technical security and IT installations for the City of Boston and municipalities throughout the Commonwealth, are instrumental in our ability to meet the demanding requirements of Revolutionary Growers and Revolutionary Clinics cannabis facilities, as well as those of facilities in diverse vertical markets, including educational and healthcare facilities throughout Greater Boston and the Commonwealth," said LAN-TEL CEO Joe Bodio.

LAN-TEL also has recently completed security and tel/data projects for Revolutionary Clinics at Fawcett Street in Cambridge and 67 Broadway in Somerville. The NECA Boston contractor is underway with a retail recreational marijuana facility in Greater Boston for Western Front.

LAN-TEL Communications is a prominent low-voltage con-

tractor for the City of Boston and the Commonwealth of Massachusetts. The company is the security system provider for the Metro Boston Homeland Security Region (MBHSR) and other Greater Boston-area municipalities, having provided hundreds of wireless video security system installations throughout the region and integrating them into respective area headquarters.



Revolutionary Clinics, Mass Ave., Cambridge

CONTINUING EDUCATION NEWS

NECA Boston holds Lean Construction Workshop



On January 23rd, NECA Boston conducted an intensive, full-day workshop on Lean Construction. The continuing education program was attended by 23 NECA project managers and executive team members.

Taught by Colin Milberg, Ph.D, one of the leading experts in Lean Construction in the U.S., the workshop provided partici-

pants with an introduction to Lean Construction and its potential for increasing efficiency, collaboration, safer worksites, productivity and enhanced project value. Dr. Milberg is a co-founder of the Lean Construction Institute (LCI) in San Diego and New England and is an approved instructor for the AGC Construction Education Program.

About NECA Greater Boston Chapter

NECA electrical contractors provide a comprehensive range of electrical and tel-data services for diverse projects, large and small. Working in partnership with the union electrical industries in Massachusetts, Maine, and New Hampshire (IBEW Local Unions 103 in Boston, 490 in Concord, NH, 1253 in Augusta, ME and 567 in Lewiston, ME), the NECA Boston Chapter and its contractors have an unwavering commitment to bring the highest levels of experience, quality, reliability, and safety to each construction project.