



Building 605 Update

Electric Boat's next generation shipyard is anchored by the 364,000 square foot South Yard Assembly Building (SYAB). Sitting just to the east and across the roadway, we are nearing completion of our newest building, Pre-Commissioning Unit (PCU) COATS. Designated as Building 605, and architecturally similar to our new Emergency Control Center (ECC), building 604, it is being constructed with 154,000 square feet of floor space and will serve the four primary functions of shipyard access, PCU space, Columbia test and food services for Electric Boat and Navy personnel.

Building 605 is scheduled to come online September 1, 2023 for Electric Boat outfitting and Navy PCU with preparations supporting first use in January 2024. The building will be laser focused on providing the operational, training and employee services required of Electric Boat and the Navy for years to come.

The building was designed to support specific test and assembly processes with consideration for PCU crew integration. The project team sought to remove obstacles and drive efficiency into daily activities that directly support the Columbia shipbuilding plan. These efficiencies include South Yard access from Eastern Point Road to the shipyard via three elevators and a high capacity stairwell. Four Columbia PCU floors that include space for crew berthing, training and support functions. It will also incorporate high bay system requirements to eliminate redundant testing and bring test systems online faster. Facilities has optimized to a module build plan to fix the mezzanines and targeted utility drops with new cable tray systems allowing a higher degree of network flexibility and serviceability. The building will also be offering a first floor cafeteria with higher volume services.

Safety was a primary focus in the design of the building. The team took a design-to-safety approach that allows EB and Navy personnel to work and train safely. Items we looked at and included were roof parapets and the hand rail systems that provide fall protection and allow more freedom of movement while servicing rooftop equipment. Modular handrail system installed which is tailored to the module touch points that limit fall protection exposure. It offers material handling solutions that promote efficient material flow pathways, proper ergonomics and limit suspended loads for routine activities. It has OSHA-

compliant high bay ladders with fall protection systems and dual crane inspection platforms. There is an integrated high bay dust collection system and hard-piped eye wash stations in manufacturing and mechanical spaces. It will also host sanitary non-touch cafeteria hand wash stations and bathroom facilities.

In creating a manufacturing space that is environmentally responsible requires team work. Throughout the construction process the team has kept an eye on environmental compliance and focused on sustainable building operations. In doing this we have protected and maintained the adjacent wetland / watercourse without impact. The new high efficiency heating and cooling systems qualify for Eversource energy incentives. Electrical sub-metering has been installed to give us a better understanding of the building energy consumption and provide data for continuous facilities management improvement. The high bay utilizes insulated metal panels and HVAC controls to meet the manufacturing requirements. A highly integrated building management system that tracks and optimizes HVAC system performance. LED lighting and controls network were installed which are driven by timed setbacks and occupancy sensors. To reduce water consumption, we installed low flow fixtures.

The building aligned its security posture with EB and Navy security requirements to ensure the safe guarding of our workforce, sailors and sensitive information. A new security post at the building's Eastern Point Road entrance will supports efficient employee access to the shipyard. The security post has accommodations for a temporary badge control office as required. The building was designed with advanced security features to support specific user groups. This incorporates a higher degree of surveillance to mitigate the ever changing physical security threats to Electric Boat's Groton facility.

The facilities team looks forward to Building 605 Facility commissioning, turnover and outfitting in the second half of 2023.

Devin Xenelis

Director - Real Estate and Facilities

The Groton WIB is produced by EB Communications.
To submit ideas, contact ebcommunications@gdeb.com

CONTINUOUS IMPROVEMENT

SMART Goals



Do you know what is expected of you at work?

People need to know whether they're making progress or marking time. Goals serve that function, but it's not enough simply to know that we want to make it to the summit. We need to know if we're still climbing, or if we're sliding downhill.

SMART Goals are Specific, Measurable, Achievable, Relevant, and Time-Bound

S.M.A.R.T. stands for:

S = Specific - It is perfectly clear to everyone who must be involved in its achievement. It is clear and unambiguous. Most of the problems with goal achieving stem back to a lack of clarity in setting the goal in the first place.

M = Measurable - It can be defined in numerical or financial terms. It can be broken down into steps, each of which can be measured as well. The more clear the measures, the easier it is to focus and concentrate on achieving those numbers.

A = Achievable - It can be accomplished within the constraints of time, money, the external environment, the economy, the skills and abilities of the team members .

R = Relevant - It is within the bounds of reality and is something that people can develop a high level of confidence in achieving. In goal setting, many goals are "merely aspirational." They do not reflect reality. They are more wishes and hopes than goals.

T = Time-bound - When you have specific schedules for the attainment of each part of the goal, and the completion of each part of the task, it is much easier for people to achieve the goal on schedule.

4 Powerful questions you should ask yourself everyday.

1. Do I know what is expected of me today?
2. Do I have the material and equipment I need to do my work right?
3. Do I have the opportunity to utilize my skills every day?
4. In the last 7 days, have I either given or received recognition or praise for good work?

Your Job is to understand what is expected of you and to do the best you can to meet those expectations. As Bill would say "Just Do Your Job."



MDA Apprenticeship Program

The application period for the MDA Apprenticeship Program will be open from June 28, 2023 to July 21, 2023.

Program Description

The MDA Apprenticeship is a four-year program designed to supply Electric Boat with a well-trained workforce. This four-year program offers on-the-job training through work experience with qualified subject matter experts. This program offers classroom courses in mathematics and design disciplines, and design discipline rotations, while providing participants the opportunity to learn leadership skills and take on responsibilities in order to promote long-term personal and career growth at Electric Boat.

How to Qualify

For steps and requirements to apply to the MDA Apprenticeship Program, visit EB University or attend one of the info sessions listed below.

Info Sessions (No Shop Order Provided)

Groton: Wednesday, June 28th @ 2:30 – 4:00 PM, BLDG 88 Cafeteria

Monday, July 10th @ 2:30 – 4:00 PM, BLDG 88 Cafeteria

New London: Thursday, June 29th @ 2:30 - 4:00 PM, New London Cafeteria

Wednesday, July 12th @ 2:30 - 4:00 PM, New London Cafeteria

Conference Call: July 5th, 13th, and 19th @ 2:30 PM - 3:30 PM

Call: 646-828-7666, ID: 16032353186

MDA Apprentice Program Representatives

Mike Bibalo

Tel: (860) 389-5148

Email: mbibalo@gdeb.com

Robert Jackson (College Relations)

Tel: (401) 268-3308

Email: rjackson@gdeb.com

MDA Apprentice Union Representatives

Velma Williams

Tel: (860) 867-4468

Email: wwilliams@gdeb.com

Joe Marmaud

Tel: (860) 867-5377

Email: jmarmaud@gdeb.com

GENERAL DYNAMICS
Electric Boat

For more information, visit the [EB University website](#) or contact EBGrotonApprenticeship@gdeb.com



- **USS Seawolf Coin back in stock!**
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- **Check out our sub apparel & boot selection - available in stores NOW!**
- **See Fairwater.com for custom merchandise ordering!**

Hours of Operation

Bldg 4: 9:30am to 4pm

Bldg 104: 8am to 4pm

New London: 7am to 2pm



DIRECTORY

When calling from an outside line, remember to dial 433 and the last four digits of the numbers below.

EMERGENCY	3-3333
Ambulance.....	3-3344
Fire Department.....	3-3617
EEO Officer.....	3-4167
Benefits.....	3-4201
Employment.....	3-7386
Environmental.....	3-2791
Ethics Hotline.....	1-800-433-8442
Payroll.....	3-3702
Safety.....	3-2811
Security.....	3-5530
Van Tran.....	3-7603
Timekeeping.....	3-6604
Training.....	3-0591
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