

Bath Iron Works (BIW) Construction of Bay 3 / RSU Building

MANUFACTURING

CLIENT REFERENCE: Provided Upon Request

PURPOSE: Place Foundations and Erect New 65,000 SF Facility



CHALLENGE:

This project offered some unique challenges. The project had to be completed while working around a fully operational shipyard with over 3,000 employees. Scopes of work included the removal of old structures to the placement of a large heavily reinforced foundations with over 700 tons of rebar and 7500 yards of concrete; to the erection of a 108 ft high steel structure during the winter of 2014 with over 1500 tons of steel. To the placement of crane rails for the overhead crane spanning 150 ft. All scopes of work required well trained craftworkers capable of working under a tight schedule and in tight quarters. **CCB** rose to meet the challenge

SOLUTION:

CCB realized from the very beginning that the schedule for this project was exceptionally challenging. In an effort to protect the schedule and get ahead of the time lost during the winter months **CCB** accelerated the foundation work by adding additional crews to the concrete and rebar workforce. By adding this additional crew **CCB** completed the concrete work 2 months ahead of schedule. The structural steel was erected during the winter of 2014 and **CCB** also installed the decking, and the exterior panel systems. **CCB** crews completed the fabrication and installation of the interior removable railing systems for each of the five levels of decking.

