



Bayview Yards Prototyping Lab

Services Available to Support Companies Continuing to Innovate

Are you working with client companies across the Eastern Region who are considering working on a solution to respond to COVID-19? We can help transform your conceptual idea to a proof of concept prototype quickly and cost-effectively. Our designers are available to meet you via online video chat, and our CNC Machines and 3D printers are still available to use. Complimentary consultations with an Industrial, Electronics, and/or Mechanical Designers to get some advice on how to bring that idea to life, or to brainstorm how a product could have an immediate or direct impact.

The following services are available to our clients currently:

- IoT and Electronics Design
- Biometrics and sensors
- Electromechanical workflows
- Firmware coding
- Schematic design & PCB layout (2 layers) and milling of test circuit boards
- Connectivity
- Rapid design and 3D printing of enclosures, parts & proof of concepts
- Mechanical Design and Technical Assembly including
 - Proof of concept design
 - First prototype design and fabrication
 - Technical Drawings

CNC design and fabrication capabilities, including various machines to cut, profile, bend, engrave or etch and assemble any parts needed out of numerous materials.

Our capabilities include:

- Waterjet (5'x10') - ideal for cutting profiles in a wide variety of materials including; metal, stone, glass, plastics and wood, in thicknesses up to 6"
- CO2/Fiber Laser - ideal for etching/engraving (including on metal) or the cutting of thin, softer materials such as wood, plastics or foam
- CNC Router (5'x10') - ideal for cutting profiles and contours in softer materials such as wood, plastic or aluminum

Visit : <https://bayviewyards.org/prototyping-lab/>

We hope you remain safe and healthy during these uncertain times. Continue to cultivate your ideas – we are here to help you throughout your journey from idea to proof-of-concept prototype.