



Lab – Industrial Projects

Berona Engineers, Inc. is a mechanical engineering firm specializing in HVAC and plumbing design for buildings. We pride ourselves as excellent project managers, where we merge both the project expectations with the project budget and schedule. Along with our in house staff, our subs hold the same standard of maintaining the expectations, budget and schedule so that the schedule is met. Owner input is vital to establishing the expectations, budget and schedule. All this is well documented through meeting notes and spreadsheet software. These charts are reviewed updated weekly and after each meeting.

Once the expectations and budget are established through discussions with the client, we immediately establish a schedule to help maintain a critical path for both design and construction.

BP Contractor Weld Facility, Blaine, WA: The project consisted of a 10,000 sq ft welding shop. Exhaust ductwork for the dust collection system was designed to handle (18) 4” nozzles. The welding smoke is exhausted through a sidewall exhaust fan with a high duct inlet. Make-up air was provided by two 84”x48” louver on both ends of the building which opens upon activation of the dust collector or the main exhaust fan. The building is heated with (4) 150k mbh gas-fired unit heaters.

City Light Weld Shop, Seattle, WA: Berona Engineers, Inc. provided the Mechanical Engineering services to upgrade the facility’s exhaust ventilation and control system to comply with OSHA standards. The existing system had inadequate space exhaust, makeup air and table exhaust.

Janicki Industries Clean Room, Ferndale, WA, Provided HVAC design for the new 90,000 sf, Building 9 to house new production plant, administration and clean room.

Bellingham Technical College

New 18,800 square feet, Classroom building as a replacement for the Electronic Technology Department. The firm provided complete mechanical and plumbing engineering services for new Classrooms and Labs.

IMCO Shops – Provided Mechanical Engineering Services for three new buildings. 8,200 sf , 2 story office space; 10,300 sf shop to house **vehicle repair facility** and 8,200 sf shop to house metal fabrication and repair. The office is designed with variable flow A/C system, ventilation and plumbing. The shops were designed with radiant floor heat and ventilation. This project is **Silver LEED** Certified.

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