TECHNICAL BUILDING PROJECT SUMMARY  
HMC Job #5007007  
October 3, 2013

Welding Lab 121 Renovation

Renovate Lab 121 and 21 into a single welding lab with the following:
- 12 dual Weld Station 5 units with existing welding equipment and compressed air
- Relocation of existing track cutter
- Relocation of existing plasma cutter
- Electrical service as required for welding equipment
- New HVAC equipment
- New Lighting
- Fire Sprinkler Installation
- New Doors to meet current ADA codes
- New Chainlink tool enclosure

Classroom 119 and 120 Conversion

Convert the existing Classrooms 119 and 120 into a single welding lab with the following:
- 26 single Weld Station 5 units with existing welding equipment, connected to the relocated oxyacetylene manifold.
- Relocation of existing band saw
- Electrical service as required for welding equipment
- New HVAC equipment
- New Lighting
- Fire Sprinkler Installation
- New Doors to meet current ADA codes

Welding Yard Upgrades (Alternate)

Upgrade the existing welding yard with the following items:
- Additional chainlink fencing and gates to fully contain yard and connect to Lab 121.
- Block wall to screen north side of site.
- New 20' x 30' metal canopy in yard.

Lab 118B Welding Station Installation

Install 3 welding stations on the north side of Lab 118B for Auto Repair use.

Aeronautics and Automotive Upgrades

- Remove the existing swamp coolers in these two spaces. Provide a new 17-ton DX-cooling unit in each space with distribution. This will be done as a separate DSA project. HMC will confirm that this does not trigger additional DSA requirements throughout the main building.
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### Preliminary Estimates

Tech Building Cost Studies

HMC Architects