MEP Budget Narrative
IDEA Culinary Teaching Kitchen
October 30, 2026
Provectus

Below is the preliminary scope for budgeting:

Mechanical

- Provide three grease exhaust systems routed through interior shafts to rooftop fans, including welded ductwork, listed firewrap, cleanouts, and supports.
- Provide two makeup air systems with wall intakes, tempering equipment, insulated ductwork, and hood controls.
- Provide separate dishwasher exhaust through an indoor inline fan to a projected wall terminal, subject to clearance coordination.
- Retain the existing RTU and main ductwork and relocate four VAV boxes, with associated distribution and controls modifications. Include startup and balancing.

Plumbing

- Provide domestic cold water, hot water, recirculation, sanitary, grease waste, indirect waste, and vent piping serving the kitchen fixtures and equipment.

- Provide a 199,000 BTUH gas-fired condensing water heater, including gas piping, concentric intake/venting, condensate drainage, mixing valves, expansion tank, and recirculation pump. Final tank size and vent termination remain to be coordinated.

- Include two grease interceptors, floor sinks, drains, cleanouts, equipment connections, below-slab work, restoration, and testing. Maintain existing restroom service. Gas meter location and available capacity remain to be verified.

Electrical

- Remove existing lighting, switches, exit signs, receptacles, telecom/data outlets, and fire alarm devices within the project area.
- Provide new lighting and controls, convenience receptacles, fire alarm devices, and dedicated kitchen equipment connections.
- Provide one new 480Y/277V panelboard, two 75 kVA transformers, and two new 208Y/120V panelboards, with feeders from the existing distribution system.
- Include a new electrical closet allowance, hood suppression/shunt-trip interfaces, and power and control connections for HVAC and plumbing equipment.

Budget coordination

Include associated shafts, floor and roof openings, intake openings, flashing, firestopping, access, and restoration, coordinated between trades. Carry allowances for final makeup

air selections, lighting and fire alarm layouts, and ceiling routing. Existing utility capacities remain subject to verification.