

B110 Scope of Work

This project looks to convert an existing space on the second floor (Room 2B12) in Building 110 into a meeting and working space with multiple discussion areas separated within the project. A previous project removed interior partitions/finishes and performed asbestos abatement within the space. The entire wing, with the exception of the existing vault, has been gutted and is not much more than a shell. The work of this project will include modifications to architectural, electrical, mechanical, plumbing, telecom, audio visual, life safety, fire protection and cyber security systems. The work is primarily modifications to the interior of the space but includes some exterior work.

The project's architectural scope will consist of new doors, sound rated partitions (STC 50), windows, roller shades, suspended acoustical sound baffles and acoustical wall panels. The FF&E criteria is for the furnishings to be standardized, easily reconfigurable and seamlessly integrated with the building.

A new panelboard will be required in the workspace and will be feed from a new switchboard in the basement (rework of existing electrical systems will be required). Lighting levels will meet the intensities indicated in UFC 3-530-01, UFC 4-730-10 and other regulations.

Mechanical scope will include primarily ductwork replacement to serve the new layout and requirements, with other equipment as necessary to meet required room conditions. Ductwork in the space consists of two supply mains with branches to dampers where air terminals previously connected to the HVAC system. Additionally, two supplemental units will be installed as a part of the project.

The plumbing scope will be limited to demolition of unused pipes through the floor slab.

Within the SOW area, all existing fire alarm notification appliances, pull station, wire, and conduit will be demolished and a new fire alarm notification appliances and conduit will be provided.

The existing sprinkler system will be completely demolished back to the location where the sprinkler main exits the Mechanical room. New light hazard sprinkler system coverage will be provided. It is expected that a hydraulic calculation will likely be required per UFC 3-600-01.

The existing telecommunications infrastructure within the project footprint will be demolished in its entirety. The space will be provided with new backbone and horizontal infrastructure to meet the various data and telephone requirements for each work area. Telecommunications grounding will be in accordance with the NEC and ANSI/TIA/EIA-607 regulations.

Audio Visual (AV) active equipment and infrastructure will be provided, the AV system will also allow for digital room scheduling through the use of scheduling software.

Passive infrastructure (wireways, conduits with pull wire) will be provided to all doors/areas that will be provided with GFGI ACS and/or IDS equipment.

The control systems for this facility are subject to the design guidelines set forth in UFC 4-010-06, Cybersecurity of Facility-Related Control Systems.