

B-410 READING/STUDY ROOM, 2,000 S.F.

Wheelchair accessible.

5.1 INTERNALS, VERTICAL:

- Perimeter walls to structure above metal studs and gypsum board painted.
- Doors and frames, hollow metal.

5.2 INTERNALS, HORIZONTAL:

- Floor: Carpet. Maximum pile thickness of 1/2". Edges fastened to floor surface and edge trim beveled with slope no greater than 1:2.
- Ceiling: Suspended, exposed grid, lay-in acoustical tile.

5.3 FINISHES, SPECIAL:

- None.

5.4 INTERIORS:

- None.

6.0 SPECIALTIES:

- None.

7.0 EQUIPMENT:

- None.

8.0 SPECIAL CONSTRUCTION:

- None.

10.1 PLUMBING AND FIRE PROTECTION:

- No Plumbing.
- Sprinkler system.

10.2 HVAC:

- Heating and air conditioning.
- Heating and ventilation (no A/C) at NAU Flagstaff.

11.0 ELECTRICAL:

- Lighting: Fluorescent fixtures, ceiling, recessed.
- Power: AC power outlets in perimeter walls and at study carrel locations.
- Special Systems - Audio, video, computer jacks at carrel locations: 1 dual jack (data and voice), 1 jack coaxial broadband.
- Class A Fire Alarm System, audible and visible.

B-410a COMPUTER COMMONS, 1,200 + S.F.

Large open area on raised access floor with computer work stations of various types and including various output devices for use by students on an individual basis for individual study, research and work. Open 24 hours. Wheelchair accessible.

- 5.1 INTERNALS, VERTICAL:
 - Perimeter walls to structure above metal studs and gypsum board painted.
 - Doors and frames, hollow metal.
- 5.2 INTERNALS, HORIZONTAL:
 - Floor: Raised access floor with carpet surface. Pile of carpet at 1/2" maximum.
 - Ceiling: Suspended, exposed grid, lay-in acoustical tile.
- 5.3 FINISHES, SPECIAL:
 - None.
- 5.4 INTERIORS:
 - None.
- 6.0 SPECIALTIES:
 - Raised access floor.
- 7.0 EQUIPMENT:
 - None.
- 8.0 SPECIAL CONSTRUCTION:
 - Recess structural floor to allow for raised access floor.
- 10.1 PLUMBING AND FIRE PROTECTION:
 - No Plumbing.
 - Sprinkler system.
- 10.2 HVAC:
 - Heating and air conditioning.
 - Heating and ventilation (no A/C) at NAU Flagstaff.
- 11.0 ELECTRICAL:
 - Lighting: Fluorescent fixtures, ceiling, recessed.
 - Power: AC power outlets in perimeter walls and flush mounted in raised floor.
 - Isolated power for computers.
 - Special Systems - Audio, video, computer jacks flush mounted in floor at one per each 30 S.F.:
1 dual jack (data and voice), 1 jack coaxial broadband.
 - Class A Fire Alarm System, audible and visible.

B-420 STACKS

Wheelchair accessible.

5.1 INTERNALS, VERTICAL:

- Perimeter walls to structure above, metal studs and gypsum board painted.
- Doors and frames, hollow metal.

5.2 INTERNALS, HORIZONTAL:

- Floor: Carpet. Maximum pile thickness of 1/2". Edges fastened to floor surface and edge trim beveled with slope no greater than 1:2.
- Ceiling: Suspended, exposed grid, lay-in acoustical tile.

5.3 FINISHES, SPECIAL:

- None.

5.4 INTERIORS:

- Shelving metal, height is unrestricted.

6.0 SPECIALTIES:

- Signage.

7.0 EQUIPMENT:

- None.

8.0 SPECIAL CONSTRUCTION:

- Increased structural due to above normal loading.

10.1 PLUMBING AND FIRE PROTECTION:

- No Plumbing.
- Sprinkler system. (Rare book area: dry type, 2 stage).

10.2 HVAC:

- Heating and air conditioning.
- Heating and ventilation (no A/C) at NAU Flagstaff.
- Special air and humidity control for rare book collections.

11.0 ELECTRICAL:

- Lighting: Fluorescent fixtures, ceiling, recessed.
- Power: AC power outlets in perimeter walls and at study carrel locations.
- Special Systems - Audio, video, computer jacks at study carrels: 1 dual jack (data and voice), 1 jack coaxial broadband.
- Class A Fire Alarm System, audible and visible.

B-430 OPEN STACK READING ROOM, 2,000 - 4,000 S.F.

Wheelchair accessible.

5.1 INTERNALS, VERTICAL:

- Perimeter walls to structure above, metal studs and gypsum board painted.
- Doors and frames, hollow metal.

5.2 INTERNALS, HORIZONTAL:

- Floor: Carpet. Maximum pile thickness of 1/2". Edges fastened to floor surface and edge trim beveled with slope no greater than 1:2.
- Ceiling: Suspended, exposed grid, lay-in acoustical tile.

5.3 FINISHES, SPECIAL:

- None.

5.4 INTERIORS:

- Shelving metal, height is unrestricted.

6.0 SPECIALTIES:

- None.

7.0 EQUIPMENT:

- None.

8.0 SPECIAL CONSTRUCTION:

- Increased structural due to above normal loading.

10.1 PLUMBING AND FIRE PROTECTION:

- No Plumbing.
- Sprinkler system.

10.2 HVAC:

- Heating and air conditioning.
- Heating and ventilation (no A/C) at NAU Flagstaff.

11.0 ELECTRICAL:

- Lighting: Fluorescent fixtures, ceiling, recessed.
- Power: AC power outlets in perimeter walls and at study carrel locations.
- Special Systems - Audio, video, computer jacks at carrel locations: 1 dual jack (data and voice), 1 jack coaxial broadband.
- Class A Fire Alarm System, audible and visible.

B-440 LIBRARY WORK ROOM, 600 S.F.

Wheelchair accessible.

5.1 INTERNALS, VERTICAL:

- Perimeter walls to structure above, metal studs and gypsum board painted.
- Doors and frames, hollow metal.

5.2 INTERNALS, HORIZONTAL:

- Floor: Hard surface, vinyl composition tile.
- Ceiling: Suspended, exposed grid, lay-in acoustical tile.

5.3 FINISHES, SPECIAL:

- None.

5.4 INTERIORS:

- Base and wall cabinets.
- Clear floor space 30" x 48" for forward or parallel approach.
- Forward approach maximum high reach = 48", minimum low 15".
- Parallel approach maximum high = 54", minimum low = 9".

6.0 SPECIALTIES:

- Chalk/marker board.
- Tack board.

7.0 EQUIPMENT:

- None.

8.0 SPECIAL CONSTRUCTION:

- None.

10.1 PLUMBING AND FIRE PROTECTION:

- Water and drains.
- Sprinkler system.

10.2 HVAC:

- Heating and air conditioning.
- Heating and ventilation (no A/C) at NAU Flagstaff.

11.0 ELECTRICAL:

- Lighting: Fluorescent fixtures, ceiling, recessed.
- Power: AC power outlets in perimeter walls.
- Special Systems - Audio, video, computer jacks: 2 dual jacks (data and voice), 2 jacks coaxial broadband.
- Class A Fire Alarm System, audible and visible.

B-450 INDIVIDUAL STUDY ROOM, 40 S.F.

Wheelchair accessible.

5.1 INTERNALS, VERTICAL:

- Perimeter walls to structure above, metal studs and gypsum board painted.
- Door and frame, hollow metal with glazing.

5.2 INTERNALS, HORIZONTAL:

- Floor: Carpet. Maximum pile thickness of 1/2". Edges fastened to floor surface and edge trim beveled with slope no greater than 1:2.
- Ceiling: Suspended, exposed grid, lay-in acoustical tile.

5.3 FINISHES, SPECIAL:

- None.

5.4 INTERIORS:

- Base and wall cabinets.
 - Clear floor space 30" x 48" for forward of parallel approach.
 - Forward approach maximum high reach = 48", minimum low 15".
 - Parallel approach maximum high = 54", minimum low = 9".

6.0 SPECIALTIES:

- Chalk/marker board.

7.0 EQUIPMENT:

- None.

8.0 SPECIAL CONSTRUCTION:

- None.

10.1 PLUMBING AND FIRE PROTECTION:

- No plumbing.
- Sprinkler system.

10.2 HVAC:

- Heating and air conditioning.
- Heating and ventilation (no A/C) at NAU Flagstaff.

11.0 ELECTRICAL:

- Lighting: Fluorescent fixtures, ceiling, recessed.
- Power: AC power outlets in perimeter walls.
- Special Systems - Audio, video, computer jacks: 1 dual jack (data and voice), 1 jack coaxial broadband.
- Class A Fire Alarm System, audible and visible.

SERIES 400 STUDY FACILITIES

B-460A ARCHIVE/ARTIFACTS STORAGE, 4000 SF.

DESCRIPTION:

A facility with special environmental conditions for storing, collections of irreplaceable materials such as rare books, original manuscripts, historical documents, artwork, artifacts and archaeological finds, etc.

The facility requires special humidity control, special lighting levels, special ventilation and a control center from which all of the environmental requirements can be monitored. Also required is a security system of cameras and monitors. Structurally, the building is within the existing Series A structure matrix.

5.1 INTERNALS, VERTICAL:

- Perimeter walls, floor to structure, of metal studs and gypsum board, painted.
- Doors and frames: Hollow metal, gasketed.

5.2 INTERNALS, HORIZONTAL:

- Floor: Hard surface, vinyl composition tile.
- Ceiling: Suspended, exposed grid, lay-in Acoustical tile.

5.3 FINISHES, SPECIAL:

- None

5.4 INTERIORS:

- Built-in cabinetry, base cabinets with pull-out drawers for small items.
- Built-in storage (wardrobe) units approximately 7'- 0" high for larger items.
- Built-in storage unit approximately 4'- 0" deep, 7'- 0" to 8'- 0" high with compartments/shelves that pull-out and hold stored paintings.

6.0 SPECIALTIES:

- Chalk/Marker Board
- Tack Board
- Signage

7.0 EQUIPMENT:

- None

8.0 SPECIAL CONSTRUCTION:

- None

**SERIES 400 STUDY FACILITIES
B-460A ARCHIVE/ARTIFACTS STORAGE,4000SF**

10.1 PLUMBING & FIRE PROTECTION:

- Water and drains
- Sprinkler System
- FM 200 Fire Suppression System

10.2 HVAC:

- Heating & air conditioning and humidity control
- Art storage areas: 65-72 degrees fahrenheit, ± 1 degree fahrenheit and 50% RH $\pm 2\%$.
- Stuffed animals, fossils, etc., storage, 40-50 degrees fahrenheit and 50% RH.
- Individually controlled zones.

11.0 ELECTRICAL:

- Lighting: Flexible lighting system, lower lighting level in some storage areas, and general overall area lighting.
- Power: AC power outlets.
- Security alarm system connected to a central station.
- Special Systems: Audio, video, computer jacks: 2 dual jacks (data and voice) 2 jacks coaxial broadband.
- Class A Fire Alarm System, audible and visible.

SERIES 400 STUDY FACILITIES

B-460B ARCHIVE/ARTIFACTS EXHIBITION, 2000 SF.

DESCRIPTION:

A facility with special environmental conditions for displaying collections of irreplaceable materials such as rare books, original manuscripts, historical documents, artwork, artifacts and archaeological finds, etc.

The facility requires areas or display cases with special humidity control, special lighting levels, special ventilation and a control center from which all of the environmental requirements can be monitored. Also required is a security system of cameras and monitors. Structurally, the building is within the existing Series A structure matrix.

5.1 INTERNALS, VERTICAL:

- Perimeter walls, floor to structure, of metal studs and gypsum board, painted.
- Doors and frames: Hollow Metal, gasketed.

5.2 INTERNALS, HORIZONTAL:

- Floor: hard surface, vinyl composition tile.
- Ceiling: Suspended, exposed grid, lay-in Acoustical tile.

5.3 FINISHES, SPECIAL:

- None

5.4 INTERIORS:

- Built-in display cabinets with environmental control - Horizontal Type, 4'- 0" high with glazing top and sides. Vertical Type, 8'- 0" high with glazing on all sides.

6.0 SPECIALTIES:

- Signage

7.0 EQUIPMENT:

- None

8.0 SPECIAL CONSTRUCTION:

- None

10.1 PLUMBING & FIRE PROTECTION:

- Water and drains
- Sprinkler System
- FM 200 Fire Suppression System

10B-56C

Added April 29, 2002

SERIES 400 STUDY FACILITIES
B-460B ARCHIVE/ARTIFACTS EXHIBITION,
2000 SF.

10.2 HVAC:

- Heating & air conditioning and humidity control
- Art display areas: 65-72 degrees Fahrenheit, ± 1 degree Fahrenheit and 50% RH $\pm 2\%$.
- Stuffed animals, fossils, etc., 40-50 degrees Fahrenheit and 50% RH.
- Individually controlled zones.

11.0 ELECTRICAL:

- Lighting: Flexible lighting system, lower lighting level in some areas, and general overall area lighting.
- Power: AC power outlets.
- Security alarm system connected to a central station.
- Special Systems: Audio, video, computer jacks: 2 dual jacks (data and voice), 2 jacks coaxial broadband.
- Class A Fire Alarm System, audible and visible.