

B-610 THEATER (HOUSE SIDE), 6 S.F./PERSON

Wheelchair accessible, special wheelchair areas must be indicated.

1. Minimum size for two wheelchairs side by side = 48" x 66" forward or rear access, 60" x 66" side access.
2. Number of required wheelchair locations:

Capacity of Seating in Assembly Areas	Number of Required Wheelchair Locations
4 to 25	1
26 to 50	2
51 to 300	4
301 to 500	6
over 500	6, plus 1 additional space for each total seating capacity increase of 100

- 5.1 INTERNALS VERTICAL:
 - Perimeter wall: Floor to structure above with acoustical surface material. STC 52 minimum.
 - Metal doors and frames gasketed for sound control, STC 52 minimum.
- 5.2 INTERNALS HORIZONTAL:
 - Floor: Carpet. Max pile thickness 1/2". Edges fastened to floor surface and edge trim beveled with slope no greater than 1:2.
 - Ceiling: Suspended and shaped for acoustics.
- 5.3 SPECIAL FINISHES:
 - Acoustic control materials, walls and ceiling.
- 5.4 INTERIORS:
 - None.
- 6.0 SPECIALTIES:
 - Theater seats, upholstered for acoustical control.
 - 1%, but not less than one, of all fixed seats shall be aisle seats with no armrests or removable folding armrests.
 - Signage to notify patrons of aisle seats w/o arm rest.
 - Signage to notify patrons of assistive listening availability.
- 7.0 EQUIPMENT:
 - None.
- 8.0 SPECIAL CONSTRUCTION:
 - Sloped floor, must be wheelchair accessible.

SERIES 600 GENERAL USE FACILITIES
B-610 THEATER, (HOUSE SIDE)

10.1 PLUMBING AND FIRE PROTECTION:

- No plumbing.
- Sprinkler system.

10.2 HVAC:

- Heating and air conditioning: Five to eight air changes/hr.
- Air outlet and inlet velocities baffled for noise control.
- Provide for dehumidification and humidification.

11.0 ELECTRICAL:

- Lighting: Lights with reflectors in coves (color-neutral through warm).
- Power: AC outlets.
- Class A Fire Alarm System, audible and visible.
- Assistive listening device - required.
 - Permanently installed system.
 - Minimum number of receivers = 4% of total number of seats but not less than 2.

B-611 THEATER (STAGE AND BACKSTAGE - PERFORMING), 12,000 S.F.

Wheelchair accessible.

5.1 INTERNALS VERTICAL:

- Perimeter wall: Floor to structure above, hard surface finish - paint. STC 52 minimum.
- Hollow metal doors and frames, gasketed for sound control, STC 52 minimum. Scenery doors - minimum 8'-0" wide x 14' x 0" tall.

5.2 INTERNALS HORIZONTAL:

- Floor: Stage, close grained pine finish with coats of oil. Additional areas, hard surface, sealed concrete, vinyl composition tile etc.
- Ceiling: Stage, exposed, fly space with grid and battens. Backstage, suspended acoustical tile.

5.3 SPECIAL FINISHES:

- Acoustic control materials, walls and ceiling.

5.4 INTERIORS:

- Stage (proscenium) curtain.
- Cyclorama.

6.0 SPECIALTIES:

- Chalk/marker board.
- Tack board.

7.0 EQUIPMENT:

- Catwalk.
- Scenery appartus.

8.0 SPECIAL CONSTRUCTION:

- None.

9.0 CONVEYING:

- Stage lift.

10.1 PLUMBING AND FIRE PROTECTION:

- Water, drains.
- Sprinkler system.

10.2 HVAC:

- Heating and air conditioning.
- Additional air conditioning to allow for lights.

11.0 ELECTRICAL:

- Lighting: Provisions for: Front light from slots in auditorium ceiling. Front light from wall slots in auditorium. Follow spot in booth at rear of auditorium. Spotlights on battens.
- Special Systems: Computer to control lighting and audio equipment, booth at rear of auditorium. Video and projection systems. Overhead projector facilities.
- Class A Fire Alarm System, audible and visible.

B-612 THEATER (STAGE AND BACKSTAGE - MUSIC CONCERT), 7,000 S.F.

Wheelchair accessible.

5.1 INTERNALS VERTICAL:

- Perimeter walls: Floor to structure above, hard surface finish - paint. STC 52 minimum.
- Hollow metal doors and frames, gasketed for sound control, STC 52 minimum.
- Door opening wide enough for grand piano.

5.2 INTERNALS HORIZONTAL:

- Floor: Stage, close grained pine finish with coats of oil. Additional areas hard surface, sealed concrete, vinyl composition tile etc.
- Ceiling: Stage, exposed, fly space with grid and battens. Backstage, suspended acoustical tile.

5.3 SPECIAL FINISHES:

- Acoustical control materials, walls and ceiling (sound shell).

5.4 INTERIORS:

- Stage (proscenium) curtain.

6.0 SPECIALTIES:

- Chalk/marker board.
- Tack board.

7.0 EQUIPMENT:

- Carwalk.

8.0 SPECIAL CONSTRUCTION:

- None.

10.1 PLUMBING AND FIRE PROTECTION:

- Water, drains.
- Sprinkler system.

10.2 HVAC:

- Heating and air conditioning.
- Additional air conditioning to allow for lights.

11.0 ELECTRICAL:

- Lighting: Provisions for: Front light from slots in auditorium ceiling. Front light from wall slots in auditorium. Follow spot in booth at rear of auditorium. Spotlights on battens.
- Special Systems: Computer to control lighting and audio equipment, booth at rear of auditorium. Video and projection systems. Overhead projector facilities.
- Class A Fire Alarm System, audible and visible.

B-620 SPECIALIZED MUSEUM SPACE, 2,000 S.F.

Wheelchair accessible.

5.1 INTERNALS VERTICAL:

- Perimeter walls: Floor to structure above, metal studs with gypsum board.
- Hollow metal doors and frames.

5.2 INTERNALS HORIZONTAL:

- Floor: Carpet, (maximum pile height of 1/2") and hard surface cleanable material (vinyl composition tile etc.).
- Ceiling: Suspended, exposed grid, lay-in acoustical tile, or suspended gypsum board plaster.

5.3 SPECIAL FINISHES:

- Wall material suitable for hanging displays.

5.4 INTERIORS:

- Storage cabinets.

6.0 SPECIALTIES:

- Tack board.

7.0 EQUIPMENT:

- None.

8.0 SPECIAL CONSTRUCTION:

- Facilities for natural lighting, skylights, clerestory, etc.

10.1 PLUMBING AND FIRE PROTECTION:

- Water, drains.
- Fire sprinkler-Dry type, 2 stage.

10.2 HVAC:

- Heating and air conditioning and humidity control.
- Exhibit areas: 70-75 degrees fahrenheit, 50% RH.
- Art storage areas: 65-72 degrees fahrenheit, + or - 1 degree fahrenheit and 50% RH + or - 2 percent.
- Stuffed animals, fossils, etc. storage, 40-50 degrees fahrenheit and 50% RH.
- Individually controlled zones.

11.0 ELECTRICAL:

- Lighting: Flexible lighting system, lighting concentrated on exhibits and in show cases, and general overall area lighting.
- Power: AC power outlets in perimeter walls.
- Burglar 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.

B-630 FOOD FACILITY - PREP/SERVING, 3,100 S.F.

Wheelchair accessible.

5.1 INTERNALS VERTICAL:

- Perimeter walls, floor to structure of metal studs and water resistant gypsum board. STC 47 minimum.
- Hollow metal doors and frames, gasketed for sound control, STC 47 minimum.

5.2 INTERNALS HORIZONTAL:

- Floor: Hard surface to slope to drains, quarry tile finish, etc.
- Ceiling: Suspended gypsum board ceiling with epoxy paint with acoustical treatment.

5.3 SPECIAL FINISHES:

- Tile on floors and walls.

5.4 INTERIORS:

- Storage cabinets.

6.0 SPECIALTIES:

- Chalk/marker board.
- Tack board.

7.0 EQUIPMENT:

- Kitchen Equipment Type I and Type II equipment*, included.
- Serving lines.
 - Minimum clear width 36", 42" preferred.
 - Tray slides 34" maximum above floor.

8.0 SPECIAL CONSTRUCTION:

- None.

10.1 PLUMBING AND FIRE PROTECTION:

- Water, drains.
- Sprinkler system.

10.2 HVAC:

- Heating and air conditioning.
- Heating and ventilation (no A/C) at NAU Flagstaff.
- Hoods over all cooking equipment. Six air changes/hour with 2 speed fans.

11.0 ELECTRICAL:

- Lighting: Fluorescent fixtures, ceiling recessed.
- Power: AC outlets, special wiring facilities for heavy equipment.
- Special Systems: Audio, computer jacks at food service check-out line: 1 dual jack (data and voice).
- Class A Fire Alarm System, audible and visible.

SERIES 600 GENERAL USE FACILITIES
B-630 FOOD FACILITY - PREP/SERVING

*KITCHEN EQUIPMENT:

- Type I: All equipment that is built-in such as hoods, refrigerator/freezer rooms (not prefabricated).
- Type II: All equipment that is bolted down, attached, or hand wired, such as a stove.

B-631 FOOD FACILITY - DINING, 5,000 S.F.

Wheelchair accessible.

5.1 INTERNALS VERTICAL:

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

5.2 INTERNALS HORIZONTAL:

- Floor: Hard surface (vinyl composition tile) or carpet, max pile thickness 1/2". Edges fastened to floor surface and edge trim beveled with slope no greater than 1:2.
- Ceiling: Suspended, exposed grid, acoustical tile.

5.3 SPECIAL FINISHES:

- Tile floors/walls.
- Special wall coverings (vinyl, etc.)

5.4 INTERIORS:

- Base and wall cabinets at water station.
- Maximum height for dispenser is 54".
- Base counter height = 34".

6.0 SPECIALTIES:

- Tack board.

7.0 EQUIPMENT:

- None.

8.0 SPECIAL CONSTRUCTION:

- None.

10.1 PLUMBING AND FIRE PROTECTION:

- Water, 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 outlets.
- 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-632 CONCESSIONAIRE FAST FOOD, 3,000 - 4,000 S.F.

Wheelchair accessible.

5.1 INTERNALS VERTICAL:

- Perimeter walls, floor to structure, of metal studs and gypsum board. Painted walls in dining area, tile walls in kitchen area.
- Doors and frames, hollow metal.

5.2 INTERNALS HORIZONTAL:

- Floor: Hard surface, tile.
- Ceiling: Suspended, gypsum board with epoxy paint in kitchen area. Suspended, exposed grid, lay-in acoustical tile in dining area.

5.3 FINISHES, SPECIAL:

- Tile floors/walls.

5.4 INTERIORS:

- Sales Counter.
 - 5'-0" long portion of counter to be 28" to 34" high.
- Dining booths and built-in seating.
 - Clear floor space shall be 30" x 48".
 - Knee clearances 27" high, 30" wide and 19" deep.
 - Height of table 28" to 34" above the finished floor.

6.0 SPECIALTIES:

- Tack board.

7.0 EQUIPMENT:

- Kitchen equipment by Concessionaire. Services for equipment included under Plumbing, (10.1), HVAC (10.2) and Electrical (11.0).

8.0 SPECIAL CONSTRUCTION:

- None.

10.1 PLUMBING AND FIRE PROTECTION:

- Water, drains.
- Sprinkler system.

10.2 HVAC:

- Heating and air conditioning.
- Heating and ventilation (no A/C) at NAU Flagstaff.
- Hoods over all cooking equipment. Six air changes/hour with 2 speed fans.

11.0 ELECTRICAL:

- Lighting: Fluorescent fixtures, ceiling, recessed.
- Power: AC outlets, special wiring facilities for heavy duty equipment.
- Special systems: Audio, computer jacks at food service check out lines: 1 dual jack (data and voice).
- Class A Fire Alarm System, audible and visible.

B-650 LOUNGE, LOBBY, WAITING, 1,200 S.F.

Wheelchair accessible.

5.1 INTERNALS VERTICAL:

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

5.2 INTERNALS HORIZONTAL:

- Floor: Carpet. Max pile thickness 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:

- Tile floor/walls.
- Special wall finishes: vinyl, etc.

5.4 INTERIORS:

- No case work or built-ins.

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 light fixtures, ceiling, recessed. Down lights (high hats) for area lighting.
- Power: AC outlets each wall.
- 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-660 BOOK STORE, SHOPS, (BOOK STORE 4,000 - 5,000 S.F.) (SHOPS 400 - 2,000 S.F.)

Wheelchair accessible.

5.1 INTERNALS VERTICAL:

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

5.2 INTERNALS HORIZONTAL:

- Floor: Hard surface, vinyl composition tile; or carpet, max pile thickness 1/2". Edges fastened to floor surface and edge trim beveled with slope no greater than 1:2.
- Ceiling: Suspended, exposed grid, acoustical tile.

5.3 FINISHES, SPECIAL:

- None.

5.4 INTERIORS:

- Sales counter.
 - Portion of counter minimum 36" long with maximum of 34" above finished floor.
 - Accessible route 36" minimum wide.
 - Accessible counters to be dispensed thru out the facility.
- Built-in Shelving.
 - Height unrestricted.

6.0 SPECIALTIES:

- Tack board.

7.0 EQUIPMENT:

- None.

8.0 SPECIAL CONSTRUCTION:

- None.

10.1 PLUMBING AND FIRE PROTECTION:

- Water, drain.
- 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 outlets.
- Special systems: Audio, computer jacks at each check out area: 1 dual jack (data and voice).
- Class A Fire Alarm System, audible and visible.

B-680 LARGE MEETING, CONFERENCE, BALL ROOM, 6,000 S.F.

Wheelchair accessible.

5.1 INTERNALS VERTICAL:

- Perimeter walls, to structure, of metal studs and gypsum board.
- Doors and frames, hollow metal or special wood.

5.2 INTERNALS HORIZONTAL:

- Floor: Carpet or hardwood. Carpet. Max pile thickness 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 and some special area down-lights.

5.3 SPECIAL FINISHES:

- Special wood finishes for walls or special materials.

5.4 INTERIORS:

- None.

6.0 SPECIALTIES:

- Folding partitions for dividing into smaller areas.

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 light fixtures, ceiling, recessed. Down lights (high hats) for area lighting.
- Power: AC outlets each wall.
- Special systems: Audio, video, computer jacks: 2 dual jacks (data and voice) 2 jacks coaxial broadband.
- Class A Fire Alarm System, audible and visible.