

Ohio University Interior Architecture

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Codes Check 2

The following building code requirements are typical of commercial interiors projects.

You need to know about, and address, all of these.

Project Name:

Client

Design Requirements:

1. **Building-** per FBC-B
 - I. **Construction Type-** per Section 602
 - II. **Number of Stories-** per Table 503
 - III. **Square Footage-** per Table 503
 - IV. **Area Modification-** per section 506
2. **Occupancy-** per FBC-B
 - I. **Occupancy Type-** per section 302
 - II. **Occupancy Load-** per Table 1004.1.1
3. **Life Safety-** per FBC-B
 - I. **Fire Suppression System-** per Section 903
 - II. **Flame Spread of Finishes-** per Table 803.5
 - a. **Exit enclosures and exit passageways**
 - b. **Corridors**
 - c. **Rooms and enclosed spaces**
 - III. **Travel Distance-** per Table 1016.1
 - a. **Maximum allowed travel distance**
 - b. **Actual travel distance**
 - IV. **Required Separation of Occupancies-** per Table 508.3.3
 - a. **Incidental use areas-** per Table 508.2
4. **Egress-** per FBC-B
 - I. **Exits**
 - a. **Number of Exits-** per Section 1015.1
 - a. **Minimum number of exits per occupant load-** per Table 1019.1
 - b. **Spaces with one means of egress-** per Table 1015.1
 - c. **Buildings with one exit-** per Table 1019.2
 - b. **Exit location-** per Section 1015.2.1
 - c. **The Common Path of Egress Travel-** per Section 1014.3
 - II. **Corridors**

- a. **Dead End Corridors-** per Section 1017.3
 - a. **Maximum Dead End Corridor Length**
 - b. **Actual Dead End Corridor Length**
 - b. **Corridor width**
 - a. **See ADA III.b.a.**
 - b. **Per Table 1005.1**
 - c. **Section 1017.2**
 - III. **Doors**
 - a. **Protrusions into the path of travel-** per section 1008.1.8.8
 - a. **Maximum protrusion**
 - b. **Actual protrusion**
 - b. **Thresholds-** per Section 1008.1.6
 - c. **See ADA III.a.**
 - IV. **Stairs**
 - a. **Stairway Egress width-** per Section 1009.1
 - b. **Risers-** per Section 1009.3
 - a. **Minimum height-**
 - b. **Maximum height-**
 - c. **Actual height-**
 - d. **See ADA III.c.b.**
 - c. **Treads-** per Section 1009.3
 - a. **Minimum depth-**
 - b. **Actual depth-**
 - c. **See ADA III.c.b.**
 - d. **Minimum headroom within stairwell-** per Section 1009.2
 - e. **Landings-** per Section 1009.4
 - V. **Ramps-** see ADA III.e.
5. **Americans with Disabilities Act (ADA)-** per FBC-B chapter 11
 - I. **General**
 - a. **Protruding objects-** per section 11-4.4
 - b. **Sales and service counters, teller windows, information counters-** per section 11-7.2
 - II. **Drinking fountains-** per Section 11-4.1.2(10)
 - a. **Clearances-** per section 11-4.15.5
 - III. **Egress**
 - a. **Doors**
 - a. **General-** per section 11-4.13.1
 - b. **Clear width-** per section 11-4.13.5
 - c. **Maneuvering clearances at doors-** per section 11-4.13.6
 - d. **Door hardware-** per section 11-4.13.9
 - e. **Egress/ Entrance doors-** per section 11-4.1.3 (8)
 - b. **Corridor**
 - a. **Widths-** per Section 11-4.3.3
 - b. **Passing space-** per Section 11-4.3.4

- c. **Stairs**
 - a. **Minimum number**- per Section 11-4.9.1
 - b. **Treads and risers**- per Section 11-4.9.2
 - c. **Nosings**- per Section 11-4.9.3
 - d. **Handrails**- per Section 11-4.9.4
 - e. **Outdoor conditions**- per Section 11-4.9.6
 - d. **Area of rescue assist**
 - a. **Location and construction**- per Section 11-4.3.11.1
 - b. **Size**- per Section 11-4.3.11.2
 - c. **Stairway width**- per Section 11-4.3.11.3
 - d. **Two-way communication**- per Section 11-4.3.11.4
 - e. **Identification**- per Section 11-4.3.11.5
 - e. **Ramps**
 - a. **General**- per Section 11.4.8.1
 - b. **Slope and Rise**- per Section 11-4.8.2
 - c. **Clear Width**- per Section 11-4.8.3
 - d. **Landings**- per Section 11.4.8.4
 - e. **Handrails**- per Section 11.4.8.5
 - f. **Cross slope and surfaces**- per Section 11-4.8.6
 - g. **Edge protection**- per Section 11-4.8.7
 - h. **Outdoor conditions**- per Section 11-4.8.8
- IV. **Bathrooms and restrooms**- per Section 11-4.1.2(11)
- a. **Doors**- per Section 11-4.22.2
 - b. **Restroom- no stalls**
 - a. **Clear Floor Space**- per Section 11-4.16.2
 - b. **Toilet**
 - i. **Height**- per Section 11-4.16.3
 - ii. **Grab bars**- per Section 11.4.16.4
 - c. **Restroom- with stalls**
 - a. **Size and arrangement**- per Section 11-4.17.3
 - b. **Toilet**
 - i. **Minimum**- per Section 11-4.22.4
 - ii. **Height**- per Section 11-4.16.3
 - iii. **Grab bars**- per Section 11-4.17.6
 - d. **Urinals**
 - a. **Minimum**- per Section 11-4.22.5
 - b. **Height**- per Section 11-4.18.2
 - c. **Clear floor space**- per Section 11-4.18.3
 - e. **Lavatories and mirrors**
 - a. **Minimums**- per Section 11-4.22.6
 - b. **Clear floor space**- per Section 11-4.19.3
 - c. **Exposed pipes are surfaces**- per Section 11-4.19.4
 - d. **Mirrors**- per Section 11-4.19.6
 - e. **Sinks**
 - i. **Height**- per Section 11-4.24.2
 - ii. **Knee clearance**- per Section 11-4.24.3

- iii. **Depth-** per Section 11-4.24.4
 - iv. **Clear floor space-** per Section 11-4.24.5
 - f. **Shower Facilities**
 - a. **Minimums-** per Section 11-4.23.8
 - b. **Bathtubs**
 - i. **Floor space-** per Section 11-4.20.2
 - ii. **Seat-** per Section 11-4.20.3
 - iii. **Grab bars-** per Section 11-4.20.4
 - iv. **Controls-** per Section 11-4.20.5
 - v. **Shower unit-** per Section 11-4.20.6
 - vi. **Bathtub enclosures-** per Section 11-4.20.7
 - c. **Shower Stalls**
 - i. **Size and clearances-** per Section 11-4.21.2
 - ii. **Seat-** per Section 11-4.21.3
 - iii. **Grab bars-** per Section 11-4.21.4
 - i. **Size and spacing-** per Section 11-4.26.2
 - iv. **Controls-** per Section 11-4.21.5
 - v. **Shower unit-** per Section 11-4.21.6
 - vi. **Curbs-** per Section 11-4.21.7
 - vii. **Shower enclosures-** per Section 11-4.21.8
- 6. **Plumbing Code-** per FBC-P
 - I. **Minimum number of required plumbing fixtures-** per Section 403 and table 403.1
 - a. **Toilets**
 - b. **Urinals**
 - c. **Sinks**
 - d. **Bathtubs/ Showers**
 - e. **Other**

This document consists of information taken from these codes:

- 7. Florida Building Code (FBC-B) - 2007 w/ 2009 supplements
- 8. Florida Building Code- Existing Building (FBC-EB) - 2007 Edition (w/ 2009 supplements)

9. Florida Building Code- Mechanical (FBC-M) - 2007 Edition (w/ 2009 supplements)
10. Florida Building Code- Fuel-Gas (FBC-FG) - 2007 Edition (w/ 2009 supplements)
11. Florida Building Code- Plumbing (FBC-P) - 2007 Edition (w/ 2009 supplements)
12. Florida Fire Prevention Code (FFPC) - 2007 Edition
13. National Electric Code (NEC) - 2005 Edition