

**HOSPITAL STANDARDS****200.001 - INTRODUCTION****1.1 OVERVIEW**

- A. **History.** In 2011, the hospital building standards were developed by BJC Planning, Design & Construction. Originally developed for the implementation of room standards, hospital standards include requirements for building components and procedural requirements.
- B. **Purpose.** The purpose of this standard is to provide design and construction professionals and all project stakeholders with a comprehensive set of standards that clearly communicate BJC's expectations. As a result, these standards are expected to:
  - 1. Create standard environments to maximize safety and efficiency
  - 2. Decrease construction costs
  - 3. Reduce design and construction schedule
- C. **Building Types.** These standards apply to new freestanding hospital buildings, hospital building additions, and all interior renovations and remodels to existing buildings that support the hospital function.

**1.2 CHAPTER INFORMATION**

- A. Volume 1, Chapter 2 of the Manual of Practice contains planning and design requirements for hospital buildings, interior environments and its associated site. This includes, but is not limited to, demolition, interior renovation, exterior renovation, building additions, freestanding buildings, site work, and infrastructure activities. It does include requirements for all spaces within the hospital building, including those areas leased to tenants. This chapter is organized into 3 sections and contain the following documents:

**section 201 GENERAL REQUIREMENTS**

This section contains general information related to planning and design requirements for hospitals. The documents describe basic processes, procedures and deliverable requirements when providing planning and design services for hospital projects.

201.101 General Planning Requirements

201.201 General Architectural Design Requirements

201.202 *(reserved for General Engineering Design Requirements)*

**section 202 SPATIAL REQUIREMENTS**

This section contains department-based planning and design-related requirements for hospitals. The information includes diagrams, Room

Standards, Room Data Sheets, and other similar items which communicate BJC's expectations for the rooms and departments. The documents in this section are organized by the following department groupings.

- 202.110 Inpatient, Acute Unit
  - Observation
  - Medical
  - Surgical
  - Step Down
  - Rehabilitation
- 202.120 Inpatient, Intensive Care Unit
  - Medical
  - Surgical
  - Cardiac
  - Pulmonary
  - Nep-Natal
  - Pediatric
- 202.130 Inpatient, Obstetric Unit
- 202.140 Inpatient, Psychiatric Unit
- 202.150 Inpatient, Oncology Unit
- 202.210 Diagnostic and Treatment, Emergency Department
- 202.220 Diagnostic and Treatment, Invasive Procedure
  - Surgery
  - C-Section
  - Endoscopy
  - Interventional Radiology (IVR)
  - Cardiac Cath
  - Prep/Recovery
- 202.230 Diagnostic and Treatment, Non-Invasive Procedure
  - Radiation Oncology (Rad Onc)
  - Infusion
  - Dialysis
  - EKG/Echo/EMG
  - Pain Management
  - Sleep Lab
  - Therapy
- 202.240 Diagnostic and Treatment, Imaging
  - Radiology
  - Fluoroscopy
  - Magnetic Resonance Imaging (MRI)
  - Computed Tomography
  - Ultrasound/Vasc. Lab
  - Mammography
  - Stereotactic
- 202.250 Diagnostic and Treatment, Clinical Laboratory
- 202.310 Clinical Support, Pharmacy
- 202.320 Clinical Support, Dietary

- 202.330 Clinical Support, Central Sterile
- 202.340 Clinical Support, Linen
- 202.350 Clinical Support, Materials Management
- 202.360 Clinical Support, Housekeeping
- 202.370 Clinical Support, Facility Engineering
  
- 202.410 Building Support, Administrative
- 202.420 Building Support, Public
- 202.430 Building Support, Operations

**section 203 BUILDING COMPONENT REQUIREMENTS**

This section contains performance, prescriptive and proprietary standards for products, systems, materials, and components for hospital buildings. The documents in this section support the development of the drawings and technical specifications. The documents in this section are organized based on ASTM E1557 and National Institute of Standards and Technology publication titled *UNIFORMAT II Elemental Classification for Building Specifications, Cost Estimating, and Cost Analysis*.

- 203.101 Substructure, Foundations
  - Standard Foundations (A1010)
  - Slab on Grade (A1030)
  
- 203.201 Shell, Superstructure
  - Floor Construction (B1010)
  - Roof Construction (B1020)
- 203.202 Shell, Exterior Enclosure
  - Exterior Walls (B2010)
  - Exterior Windows (B2020)
  - Exterior Doors (B2030)
- 203.203 Shell, Roofing
  - Roof Covering and Support Structures (B3010)
  
- 203.301 Interiors, Interior Construction
  - Partitions (C1010)
  - Interior Doors (C1020)
  - Accessories/Fittings (C1030)
  - Fabricated Toilet Partitions (C1031)
  - Casework (C1038)
- 203.302 Interiors, Stairs
  - Stair Construction (C2010)
  - Stair Finishes (C2020)
- 203.303 Interiors, Finishes
  - Wall Finishes (C3010)
  - Floor Finishes (C3020)
  - Base Finishes (C3025)
  - Ceiling Finishes (C3030)
  
- 203.401 Services, Conveying
  - Elevators and Lifts (D1010)

- 203.501 **Equipment and Furnishings, Equipment**  
Institutional Equipment (E1020)
- 203.601 **Special Construction and Demolition. Special Construction**  
Radiation Protection (F1032)
- 203.701 **Sitework, Site Preparation**  
Site Earthwork (G1030)
- 203.702 **Sitework, Site Improvements**  
Roadways (G2010)  
Pedestrian Paving (G2030)  
Landscaping (G2050)

END OF DOCUMENT