COMPLIANCE CHECKLIST

IP9: Pediatric & Adolescent Unit

The following checklist is intended to be used in the plan review applications for health care facilities submitted to the Massachusetts Department of Public Health. This checklist summarizes and references the applicable requirements from the Licensure Regulations and the 2014 Edition of the FGI Guidelines for Design and Construction of Hospitals and Outpatient Facilities. Applicants must verify compliance of the plans submitted to the Department with all referenced requirements from the Licensure Regulations and FGI Guidelines when completing this Checklist. A separate Checklist must be completed for each nursing unit, hospital or clinic department, or clinical suite.

Other jurisdictions, regulations and codes may have additional requirements which are not included in this checklist, such as:
- State Building Code (780 CMR)
- Joint Commission on the Accreditation of Health Care Organizations
- CDC Guidelines for Preventing the Transmission of Mycobacterium Tuberculosis in Health Care Facilities
- USP 797
- Accessibility Guidelines of the Americans with Disabilities Act (ADA)
- Architectural Access Board Regulations (521 CMR)
- Local Authorities having jurisdiction.

Instructions:
1. All requirement lines must be completed according to the following instructions and included in the plan submissions for Self-Certification Process or Part II of the Abbreviated Review Process.
2. This checklist must be completed by the project architect or engineer based on the design actually reflected in the plans at the time of completion of the checklist.
3. Each requirement line (___) of this Checklist must be completed exclusively with one of the following symbols, unless otherwise directed in the checklist. If a functional space is not affected by a renovation project, the symbol “E” may be indicated on the requirement line (___) before the name of the functional space (associated requirements on indented lines below that name, or associated MEP requirements do not have to be completed in this case). If more than one functional space serves a given required function (e.g. patient room or exam room), that clarification should be provided in the Project Narrative, and the requirement lines are understood to only address the functional spaces that are involved in the project.

X = Requirement is met, for new space, for renovated space, or for existing direct support space for an expanded service.

XX = Check box under section titles or individual requirements lines for optional services or functions that are not included in the project area.

E = Requirement relative to an existing suite or area that has been licensed for its designated function, is not affected by the construction project and does not pertain to a required direct support space for the specific service affected by the project.

W = Waiver requested for specific section of the Regulations or FGI Guidelines, where hardship in meeting requirement can be demonstrated (a Physical Plant Waiver Form must be completed for each waiver request).

4. All room functions marked with “X” must be shown on the plans with the same name labels as in this checklist.
5. Mechanical, electrical & plumbing requirements are only partially mentioned in this checklist. The relevant section of the FGI Guidelines must be used for project compliance with all MEP requirements and for waiver references.
6. Oxygen, vacuum, medical air, and waste anesthesia gas disposal outlets (if required) are identified respectively by the abbreviations "OX", "VAC", "MA", & "WAGD".
7. Requirements referenced with “FI” result from formal interpretations from the FGI Interpretations Task Group.
8. The location requirements including asterisks (*) refer to the definitions of the Glossary in the beginning section of the FGI Guidelines.

Facility Name: 

DoN Project Number: (if applicable) 

Facility Address: 

Nursing Unit Bed Complements: 

Current = 

Proposed = 

Satellite Name: (if applicable) 

Building/Floor Location: 

Satellite Address: (if applicable) 

Submission Dates:

Initial Date: 

Revision Date: 

Project Description: 

MDPH/DHCFLC 05/15 IP9
Architectural Requirements

2.2-2.13 DISCRETE PEDIATRIC & ADOLESCENT UNIT
☐ check if not included in project

2.2-2.13.2 PATIENT ROOM

2.2-2.13.2.1 Capacity:

(1) New Patient Room:
   ☐ 1 bed per room

(2) Existing Patient Room:
   ☐ maximum room capacity no more than present capacity, with maximum 2 patients in each room

2.2-2.2.2 Space Requirements:

(1)(a) patient rooms sized to accommodate needs of clinical services
   ☐ single-bed rooms
   ☐ check if not included in project

(1)(b) min. clear floor area 120 sf

(2)(a) min. clearance 3’-0” between sides of bed & any wall or any other fixed obstruction

(2)(b) min. clearance 3’-0” between foot of bed & any wall or any other fixed obstruction
   ☐ multiple bed rooms
   ☐ check if not included in project

(1)(b) min. clear floor area 100 sf per bed

(2)(b) min. clearance 3’-0” between sides of bed & any wall or any other fixed obstruction

2.1-2.2.4.1 Means to provide visual privacy from observation by other patients & visitors available for each patient

2.1-2.2.4.2 Design for privacy does not restrict patient access to entrance, handw. station, or toilet

2.1-2.2.5 Handwashing Station in Patient Room:

2.1-2.2.5.1 Provided in patient room in addition to that in toilet room

(1) Handwashing station adjacent* to entrance to patient room for use by health care personnel & others

Building Systems Requirements

Ventilation*:
   ☐ Min. 4 air changes/hour Table 7.1

Power*:
   ☐ Min. 12 receptacles Table 2.1-1
   ☐ Min. 2 receptacles at each side of the head of the bed
   ☐ Min. 2 receptacles on all other walls (may be omitted on exterior wall)

Nurse Call System*:
   ☐ Patient station Table 2.1-2
   ☐ Emergency staff assistance station

Medical Gases*:
   ☐ 1 OX, 1 VAC for each bed Table 2.1-4

*Common requirements for all patient rooms

Glossary

Bed Size for Determining Clearances:
   ☐ 40” wide by 96” long
   ☐ or
   ☐ Specifications of beds to be installed are attached to checklist

2.1-2.2.4 Patient Privacy:

2.1-2.2.4.1 Means to provide visual privacy from observation by other patients & visitors available for each patient

2.1-2.2.4.2 Design for privacy does not restrict patient access to entrance, handw. station, or toilet

2.1-2.2.5 Handwashing Station in Patient Room:

2.1-2.2.5.1 Provided in patient room in addition to that in toilet room

(1) Handwashing station adjacent* to entrance to patient room for use by health care personnel & others
### Architectural Requirements

#### Multi-Patient Rooms:

- *check if not included in project*

**2.1-2.2.6**

- **(2)** located outside cubicle curtains

**2.1-2.2.6.2**

- ** Patient toilet room**
  - serves no more than one patient room
  - serves no more than 2 patients

**2.1-2.2.6.3**

- **(1)**
  - ** Patient bathing facilities**
    - access to bathing facilities in toilet room
    - directly accessed from each patient room or in central bathing facility

- **(2)**
  - central bathing facilities

- **(a)**
  - *check if not included in project*
    - (only if each patient room has direct access to adjoining shower or bathtub)

- **(b)**
  - each bathtub or shower in individual room or enclosure that provides privacy for bathing, drying & dressing
  - at least 1 central bathing facility with shower or bathtub for each 12 beds without such facilities

- **(c)**
  - toilet in separate enclosure
  - handwashing sink
  - storage for soap & towels

- **(3)**
  - mobile lifts, shower gurney devices, wheelchairs & other portable wheeled equipment are used
  - *check if not included in project*

- **(a)**
  - doorways designed to allow entry of portable/mobile mechanical lifts & shower gurney devices

- **(b)**
  - thresholds designed to facilitate use & prevent tipping of wheelchairs & other portable wheeled equipment

- **(c)**
  - patient shower rooms designed to allow entry of portable/mobile mechanical lifts & shower gurney devices

- **(d)**
  - floor drain grates designed to facilitate use & prevent tipping of wheelchairs & other portable wheeled equipment used by patients & staff

**2.1-2.2.8**

- ** Patient Storage:**
  - separate wardrobe, locker, or closet suitable for garments & for storing personal effects

### Building Systems Requirements

#### Ventilation:

- Min. 10 air changes per hour
  - Table 7.1
  - Exhaust
  - Negative pressure
Architectural Requirements

2.2-2.2.3.1 Family zone support features

(1) space for movable seating with min.
(a) one seat for family member or visitor & one seat for patient
(b) space for min. one chair for long-term sitting
(2) family members or visitors permitted to sleep in patient room overnight
☐ check if not included in project
☐ space for sleeping accommodation
(3) public communication services in each patient room

2.2-2.1.3.4 SPECIAL PATIENT CARE ROOMS

2.2-2.13.4.2 Airborne infection isolation room

(1) at least 1 AII room in each pediatric unit

2.1-2.4.2.2

(1) single-bed room
(2) provision made for personal protective equipment storage at entrance to room
(3) handwashing station in each patient room

2.1-7.2.3.1(6) monolithic floors with integral coved
6” high wall base

2.1-2.4.2.2(4) separate room with toilet, handwashing station & bathtub or shower

2.1-2.4.2.3 Anteroom

☐ check if not included in project
(1) for persons to don personal protective equipment before entering patient room
(2) all doors to anteroom have self-closing devices

2.1-2.4.2.4(1)

(b) self-closing devices on all room exit doors
(c) doors have edge seals

Building Systems Requirements

Ventilation:

Min. 12 air changes per hour Table 7.1
Exhaust
Negative pressure
No recirculating room units
Space ventilation & pressure relationship maintained in event of loss of normal electrical power
Exhaust air from AII rooms, associated anterooms & toilet rooms discharged directly to outdoors
Exhaust grilles or registers located directly above patient bed on ceiling or on wall near head of bed
Permanent device monitoring differential air pressure between AII room & corridor

Min. 10 air changes per hour Table 7.1
Exhaust
Negative pressure to corridor
No recirculating room units
AII room under negative pressure to anteroom
Anteroom under negative pressure to corridor
Architectural Requirements

2.2-2.13.6

SUPPORT AREAS FOR PEDIATRIC & ADOLESCENT UNITS

2.2-2.2.5.3
Location:
(1) ___ support areas listed are located in or readily accessible* to each nursing unit
(3) ___ each support area provided on each nursing floor

2.1-2.6.1
___ Administrative center or nurse station
2.1-2.6.1.1
(1) ___ space for counters
(2) ___ at least one handwashing station located in, next to, or directly accessible*

2.1-2.6.2
___ Documentation area
2.1-2.6.2.1
___ work surface to support documentation process for number of staff who will use it at same time

2.2-2.2.6.3
___ Nurse or supervisor office
___ in or readily accessible* to nursing unit

2.1-2.6.4
___ Multipurpose conference room
2.1-2.6.4.1
___ at least one multipurpose room for each facility for staff, patients & patients' families for patient conferences, reports, education, training sessions & consultation
2.1-2.6.4.2
___ accessible to each nursing unit (may serve several nursing units)

2.1-2.6.6
___ Medication safety zones
2.1-2.6.6.1
(2) ___ medication preparation room
___ self-contained medication dispensing unit

(a) ___ located out of circulation paths to minimize distraction & interruption
(c) ___ work counters
(d) ___ task lighting
(e) ___ meet acoustic design criteria per 1.2-5.1

2.1-2.6.6.2
(1) ___ medication preparation room
☐ check if not included in project
(a) ___ under visual control of nursing staff
(b) ___ handwashing station
___ lockable refrigerator
___ locked storage for controlled drugs
(c) ___ Sharps Containers:
☐ check if not included in project
___ sharps containers placed at height that allows users to see top of container
(d) ___ space to prepare medicines in addition to any self-contained medicine-dispensing unit

Ventilation:
___ Min. 4 air changes per hour Table 7.1

Nurse Call System:
___ Master station Table 2.1-2

___ Duty station Table 2.1-2
2.1-2.6.7 Nourishment area or room
(1) handwashing station	Ventilation: Min. 2 air changes per hour Table 7.1
(2) work counter
(3) refrigerator
(4) microwave
(5) storage cabinets
(6) space for temporary storage of unused & soiled food service implements
2.1-2.6.7.3 provisions & space for separate temporary storage of unused & soiled meal trays not picked up at mealtime

2.1-2.6.8 Ice-making equipment
2.1-2.6.8.1 located in an enclosed space
2.1-2.6.8.2 (1) self-dispensing ice-making equipment in public area check if not located in public area
(2)

2.1-2.6.9 Clean workroom or clean supply room
2.1-2.6.9.1 clean workroom used for preparing patient care items
(1) work counter
(2) handwashing station
(3) storage facilities for clean & sterile supplies
or
2.1-2.6.9.2 clean supply room used only for storage & holding as part of system for distribution of clean & sterile supplies Ventilation: Min. 4 air changes per hour Table 7.1 Positive pressure

2.1-2.6.10 Soiled workroom or soiled holding room
2.1-2.6.10.1 Soiled workroom
(1) handwashing station Ventilation: Min. 10 air changes per hour Table 7.1
(2) flushing-rim clinical service sink with bedpan washer Exhaust Negative pressure
(3) work counter Nurse Call System:
(4) space for separate covered containers Duty station
Architectural Requirements

2.1-2.6.10.2
(1) soiled holding room
(2) handwashing station or hand sanitation station
(3) space for separate covered containers
(4) toilet with bedpan washer located in each inpatient toilet room

2.1-2.6.11.1
(1) Clean linen storage
(2) clean linen stored in clean workroom or clean linen closet
(3) covered cart distribution system (corridor alcoves may be used)
(4) check if not included in project

2.1-2.6.11.2
(1) Equipment & supply storage room or alcove
(2) min. 10 sf per patient bed

2.1-2.6.11.3
(1) Storage space for stretchers & wheelchairs

2.1-2.6.11.4
(1) Emergency equipment storage
(2) each nursing unit has at least one emergency equipment storage location
(3) storage locations in corridors do not infringe on min. required corridor width

2.1-2.6.12
(1) Environmental services room
(2) serves one or more than one nursing unit on a floor
(3) readily accessible* to unit it serves

2.1-2.6.12.2
(1) service sink or floor-mounted mop sink
(2) provisions for storage of supplies & housekeeping equipment
(3) handwashing station or hand sanitation station

2.1-2.6.8
(1) Ice-making equipment
(2) located in an enclosed space

2.1-2.6.8.1
(1) self-dispensing ice-making equipment in public area
(2) check if not located in public area

2.1-2.6.8.2
(1) check if not included in project

2.2-2.2.6.13
(1) Examination room
(2) (only if all single patient rooms in nursing unit)
(3) centrally located to serve one or more nursing units on same floor

2.1-3.2.2
(1) single-bed examination room

Space Requirements:
(1) min. clear floor area of 120 sf with min. clear dimension of 10'-0"
(2) room size permits min. clearance of 3'-0" at each side & at foot of exam table
(3) room arrangement permits placement of exam table, recliner, or chair at an angle, closer to one wall than another, or against wall to accommodate type of patient being served

Building Systems Requirements

Ventilation:
(1) Min. 10 air changes per hour
(2) Min. 6 air changes per hour

Exhaust

Negative pressure

Power:
(1) Min. 8 receptacles in room
(2) Min. 4 receptacles

Nurse Call System:
(1) Emergency staff assistance station
(2) Duty station
<table>
<thead>
<tr>
<th>Architectural Requirements</th>
<th>Building Systems Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1-3.2.2.2 Room Features:</td>
<td>Medical Gases:</td>
</tr>
<tr>
<td>(1) examination light</td>
<td>1 OX, 1 VAC</td>
</tr>
<tr>
<td>(2) storage for supplies</td>
<td>Table 2.1-4</td>
</tr>
<tr>
<td>(3) accommodations for written or electronic documentation</td>
<td></td>
</tr>
<tr>
<td>(4) space for visitor’s chair</td>
<td></td>
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<tr>
<td>(5) handwashing station</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>2.2-2.13.6.4</th>
<th>Multipurpose activity room</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) designed for dining, education &amp; developmentally appropriate play &amp; recreation</td>
<td></td>
</tr>
<tr>
<td>(2) located in or adjacent* to areas serving pediatric &amp; adolescent patients rooms</td>
<td></td>
</tr>
<tr>
<td>(3) access &amp; equipment for patients with physical restrictions</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2.2-2.13.6.7</th>
<th>Formula facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) space for preparation &amp; storage of formula</td>
<td></td>
</tr>
<tr>
<td>(2) immediately accessible* to unit</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2.2-2.13.6.11</th>
<th>Equipment &amp; Supply Storage:</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) storage closets or cabinets for toys &amp; educational &amp; recreational equipment</td>
<td></td>
</tr>
<tr>
<td>(2) storage space to permit exchange of cribs &amp; adult beds</td>
<td></td>
</tr>
<tr>
<td>(3) storage of equipment &amp; supplies for parents who stay with patient overnight</td>
<td></td>
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</tbody>
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<thead>
<tr>
<th>2.2-2.2.7</th>
<th>SUPPORT AREAS FOR STAFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.2-2.5.3</td>
<td>Location:</td>
</tr>
<tr>
<td>(1) support areas listed are located in or readily accessible* to each nursing unit</td>
<td></td>
</tr>
<tr>
<td>(3) each support area provided on each nursing floor</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>2.1-2.7.1</th>
<th>Staff lounge</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) min. 100 sf</td>
<td>Nurse Call System:</td>
</tr>
<tr>
<td>(2) staff toilet room</td>
<td>Table 2.1-2</td>
</tr>
<tr>
<td>(3) readily accessible* to each nursing unit</td>
<td>Duty station</td>
</tr>
<tr>
<td>(4) located in or near nurse station</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>2.1-2.7.2</th>
<th>Staff storage facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1-2.7.2.1</td>
<td>securable closets or cabinet compartments for personal articles of staff</td>
</tr>
<tr>
<td>2.1-2.7.2.2</td>
<td>located in or near nurse station</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>2.1-2.7.3</th>
<th>Coat storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) check if not included in project:</td>
<td></td>
</tr>
<tr>
<td>(2) storage of coats in closets or cabinets on each floor or in central staff locker area</td>
<td></td>
</tr>
</tbody>
</table>
### Architectural Requirements

#### SUPPORT AREAS FOR PATIENTS, FAMILIES & VISITORS

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Details</th>
</tr>
</thead>
</table>
| 2.2-2.2.5.3 | Location:  
(1) support areas listed are located in or readily accessible* to each nursing unit  
(3) each support area provided on each nursing floor |
| 2.2-2.2.8.1 | Family & visitor lounge  
(2) lounge immediately accessible* to nursing unit served (may serve more than one nursing unit)  
(4) lounge designed to minimize impact of noise & activity on patient rooms & staff functions  
(6) public communication services |
| 2.2-2.2.8.2 | Patient toilet room  
(2) toilet room readily accessible*  
(3) Patient toilet room  
(6) toilet rooms immediately accessible* to multipurpose rooms & to each central bathing facility (in addition to toilet rooms serving bed areas)  
(1) handwashing station |
| 2.2-2.13.8.2 | Patient toilet room  
(3) Patient toilet room  
(3) dedicated quiet space to support meditation, bereavement, or prayer. |

* denotes accessibility criteria for designating areas as accessible.
**PEDIATRIC SUB-UNIT**

- [ ] check if not included in project

130.740(A)(2)  
- Located within an adult care unit
- Pediatric beds permanently designated

130.740(A)(2)  
- Pediatric patient rooms are contiguous

130.740(A)(2)  
- Pediatric sub-unit situated in such a way that the flow of adult patients through it is discouraged

**2.2-2.13.2 PATIENT ROOM**

2.2-2.13.2.1 Capacity:

- New Patient Room:
  - 1 bed per room

- Existing Patient Room:
  - maximum room capacity no more than present capacity, with maximum 2 patients in each room

2.2-2.2.2.2 Space Requirements: Ventilation*:

- Min. 4 air changes/hour  
  - Table 7.1

Power*:

- Min. 12 receptacles
- Min. 2 receptacles at each side of the head of the bed
- Min. 2 receptacles on all other walls (may be omitted on exterior wall)

2.1-2.2.4 Patient Privacy:

2.1-2.2.4.1 Means to provide visual privacy from observation by other patients & visitors available for each patient

2.1-2.2.4.2 Design for privacy does not restrict patient access to entrance, handw. station, or toilet

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**Glossary**

Bed Size for Determining Clearances:

- 40” wide by 96” long

or

- Specifications of beds to be installed are attached to checklist

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**Table 7.1**

**Table 2.1-1**

**Table 2.1-2**

**Table 2.1-4**

**Notes:**

- Common requirements for all patient rooms

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MDPH/DHCFLC

05/15 IP9
2.1-2.2.5 Handwashing Station in Patient Room:
2.1-2.2.5.1 **(1)** Provided in patient room in addition to that in toilet room
    - Handwashing station adjacent* to entrance to patient room for use by health care personnel & others
Multi-Patient Rooms:
    - **(2)** located outside cubicle curtains

2.1-2.2.6 Patient toilet room
2.1-2.2.6.2 **(1)** serves no more than one patient room
    - **(2)** serves no more than 2 patients

2.1-2.2.6.3 Ventilation:
    - **(1)** toilet
    - **(2)** handwashing station
    - **(3)** bedpan washer

2.2-2.2.7 Patient bathing facilities
(1) **(1)** access to bathing facilities in toilet room directly accessed from each patient room or in central bathing facility
(2) **(2)** central bathing facilities
    - **(a)** check if not included in project
    - (only if each patient room has direct access to adjoining shower or bathtub)

130.740(A)(2) **(1)** located within the pediatric sub-unit
    - **(2)** designed for exclusive use by pediatric patients

(b) **(1)** each bathtub or shower in individual room or enclosure that provides privacy for bathing, drying & dressing
    - **(2)** at least 1 central bathing facility with shower or bathtub for each 12 beds without such facilities

(c) **(1)** toilet in separate enclosure
    - **(2)** handwashing sink
    - **(3)** storage for soap & towels

(3) **(3)** mobile lifts, shower gurney devices, wheelchairs & other portable wheeled equipment are used
    - **(a)** check if not included in project

(a) **(a)** doorways designed to allow entry of portable/mobile mechanical lifts & shower gurney devices
(b) **(b)** thresholds designed to facilitate use & prevent tipping of wheelchairs & other portable wheeled equipment

(c) **(c)** patient shower rooms designed to allow entry of portable/mobile mechanical lifts & shower gurney devices
(d) floor drain grates designed to facilitate use & prevent tipping of wheelchairs & other portable wheeled equipment used by patients & staff

2.1-2.2.8 Patient Storage:
___ separate wardrobe, locker, or closet suitable for garments & for storing personal effects

2.2-2.2.3.1 Family zone support features
(1) ___ space for movable seating with min. one seat for family member or visitor & one seat for patient
(b) ___ space for min. one chair for long-term sitting
(2) ___ family members or visitors permitted to sleep in patient room overnight
___ check if not included in project
(3) ___ space for sleeping accommodation
___ public communication services in each patient room

SPECIAL PATIENT CARE ROOMS
2.2-2.13.4.2 Airborne infection isolation room
(1) ___ at least 1 AII room in each pediatric unit

2.1-2.4.2.2
(1) ___ single-bed room
(2) ___ provision made for personal protective equipment storage at entrance to room
(3) ___ handwashing station in each patient room

2.1-2.4.2.3 Anteroom
___ check if not included in project
(1) ___ for persons to don personal protective equipment before entering patient room
(2) ___ all doors to anteroom have self-closing devices

Ventilation:
- ___ Min. 12 air changes per hour  Table 7.1
- ___ Exhaust
- ___ Negative pressure
- ___ No recirculating room units
- ___ Space ventilation & pressure relationship maintained in event of loss of normal electrical power
- ___ Exhaust air from AII rooms, associated anterooms & toilet rooms discharged directly to outdoors
- ___ Exhaust grilles or registers located directly above patient bed on ceiling or on wall near head of bed
- ___ Permanent device monitoring differential air pressure between AII room & corridor

2.1-2.4.2.4 separate room with toilet, handwashing station & bathtub or shower

Ventilation:
- ___ Min. 10 air changes per hour  Table 7.1
- ___ Exhaust

2.1-2.4.2.3 Anteroom
___ check if not included in project
(1) ___ for persons to don personal protective equipment before entering patient room
(2) ___ all doors to anteroom have self-closing devices

Ventilation:
- ___ Min. 10 air changes per hour  Table 7.1
- ___ Exhaust
- ___ Negative pressure to corridor
- ___ No recirculating room units
2.1-2.4.2.4(1)
(b) ___ self-closing devices on all room exit
doors
(c) ___ doors have edge seals

2.2-2.13.6 SUPPORT AREAS INCLUDED IN PEDIATRIC
SUB-UNIT
130.740(A)(2) ___ Nursing sub-station serving pediatric
patients
adjacent to the rooms containing beds
designated for pediatric patients
direct observation of pediatric patient
rooms

2.2-2.13.6 SUPPORT AREAS FOR PEDIATRIC &
ADOLESCENT UNITS
(may be shared with adjacent med/surg unit)
2.2-2.2.5.3 Location:
(1) ___ support areas listed are located in or
readily accessible* to each nursing unit
(3) ___ each support area provided on each
nursing floor

2.1-2.6.1 ___ Administrative center or nurse station
2.1-2.6.1.1 Nurse Call System:
(1) ___ space for counters
(2) ___ at least one handwashing station located
in, next to, or directly accessible*
2.1-2.6.2 Documentation area
2.1-2.6.2.1 Nurse Call System:
work surface to support documentation
process for number of staff who will
use it at same time
2.2-2.2.6.3 Nurse or supervisor office
___ in or readily accessible* to nursing unit

2.1-2.6.4 ___ Multipurpose conference room
2.1-2.6.4.1 ___ at least one multipurpose room for
each facility for staff, patients &
patients' families for patient
conferences, reports, education,
training sessions & consultation
2.1-2.6.4.2 ___ accessible to each nursing unit (may
serve several nursing units)

2.1-2.6.6 ___ Medication safety zones
2.1-2.6.6.1 (2) ___ medication preparation room
___ or
___ self-contained medication dispensing unit
(a) ___ located out of circulation paths to
minimize distraction & interruption
(c) ___ work counters
d(d) ___ task lighting
e(e) ___ meet acoustic design criteria per 1.2-5.1
2.1-2.6.6.2
(1)  
___ medication preparation room
☐ check if not included in project

(2)  
(3)  
(4)  
(5)  
(6)  

2.1-2.6.6.7

2.1-2.6.7.2
(1)  
___ handwashing station

(2)  
___ work counter

(3)  
___ refrigerator

(4)  
___ microwave

(5)  
___ storage cabinets

(6)  
___ space for temporary storage of unused & soiled food service implements

2.1-2.6.7.3
___ provisions & space for separate temporary storage of unused & soiled meal trays not picked up at mealtime

2.1-2.6.8
___ Ice-making equipment

2.1-2.6.8.1
___ located in an enclosed space

2.1-2.6.8.2
(1)  
___ self-dispensing ice-making equipment in public area

(2)  
☐ check if not located in public area

2.1-2.6.9
___ Clean workroom or clean supply room

2.1-2.6.9.1
___ clean workroom used for preparing patient care items

(1)  
___ work counter

(2)  
___ handwashing station

(3)  
___ storage facilities for clean & sterile supplies

☐ or

Ventilation:
___ Min. 4 air changes per hour  
___ Positive pressure  

Nurse Call System:
___ Duty station
2.1-2.6.9.2  
**clean supply room used only for storage & holding as part of system for distribution of clean & sterile supplies**

Ventilation:
- Min. 4 air changes per hour
- Positive pressure

2.1-2.6.10  
**Soiled workroom or soiled holding room**

2.1-2.6.10.1  
**Soiled workroom**

(1)  
**handwashing station**

(2)  
**flushing-rim clinical service sink with bedpan washer**

(3)  
**work counter**

(4)  
**space for separate covered containers**

Ventilation:
- Min. 10 air changes per hour
- Exhaust
- Negative pressure

Nurse Call System:
- Duty station

Table 7.1

or

2.1-2.6.10.2  
**soiled holding room**

(1)  
**handwashing station or hand sanitation station**

(b)  
**space for separate covered containers**

(3)  
**toilet with bedpan washer located in each inpatient toilet room**

2.1-2.6.11.1  
**Clean linen storage**

(1)  
**clean linen stored in clean workroom or clean linen closet**

(2)  
**covered cart distribution system**
  
  (corridor alcoves may be used)
  
  □ check if not included in project

2.1-2.6.11.2  
**Equipment & supply storage room or alcove**

min. 10 sf per patient bed

2.1-2.6.11.3  
**Storage space for stretchers & wheelchairs**

2.1-2.6.11.4  
**Emergency equipment storage**

(1)  
**each nursing unit has at least one emergency equipment storage location**

(2)  
**under visual observation of staff**

(3)  
**storage locations in corridors do not infringe on min. required corridor width**

2.1-2.6.12  
**Environmental services room**

2.1-2.6.12.1  
**serves one or more than one nursing unit on a floor**

(2)  
**readily accessible* to unit it serves**

2.1-2.6.12.2  
**service sink or floor-mounted mop sink**

(2)  
**provisions for storage of supplies & housekeeping equipment**

(3)  
**handwashing station or hand sanitation station**

2.1-2.6.8  
**Ice-making equipment**

2.1-2.6.8.1  
**located in an enclosed space**

2.1-2.6.8.2  
**self-dispensing ice-making equipment in public area**

□ check if not located in public area
2.2-2.6.13  ____ Examination room

☐ check if not included in project

(1) (only if all single patient rooms in nursing unit)

(2) centrally located to serve one or more nursing units on same floor

2.1-3.2.2  ____ single-bed examination room

2.1-3.2.2.1  Space Requirements:

(1) min. clear floor area of 120 sf with min. clear dimension of 10'-0"

(2)

(a) room size permits min. clearance of 3'-0" at each side & at foot of exam table

(b) room arrangement permits placement of exam table, recliner, or chair at an angle, closer to one wall than another, or against wall to accommodate type of patient being served

Ventilation: Min. 6 air changes per hour  Table 7.1

Power:  Min. 8 receptacles in room

(2)

Min. 4 receptacles convenient to head of stretcher

Nurse Call System:

Emergency staff assistance station

Duty station

2.1-3.2.2.2  Room Features:

(1) examination light

(2) storage for supplies

(3) accommodations for written or electronic documentation

(4) space for visitor's chair

(5) handwashing station

2.2-2.13.6.4  ____ Multipurpose activity room

(1) designed for dining, education & developmentally appropriate play & recreation

located in or adjacent* to areas serving pediatric & adolescent patients rooms

access & equipment for patients with physical restrictions

(2) insulation, isolation & structural provisions minimize transmission of impact noise through floor, walls, or ceiling of multipurpose room

2.2-2.13.6.7  ____ Formula facilities

space for preparation & storage of formula

immediately accessible* to unit

2.2-2.13.6.11  Equipment & Supply Storage:

(1) storage closets or cabinets for toys & educational & recreational equipment

(2) storage space to permit exchange of cribs & adult beds

(3) storage of equipment & supplies for parents who stay with patient overnight

2.2-2.7  **SUPPORT AREAS FOR STAFF**

(may be shared with adjacent med/surg unit)

2.2-2.5.3  Location:

(1) support areas listed are located in or readily accessible* to each nursing unit

(3) each support area provided on each nursing floor

MDPH/DHCFLC  05/15 IP9
2.1-2.7.1 Staff lounge
   __ min. 100 sf

Nurse Call System:
   __ Duty station

Ventilation:
   __ Min. 10 air changes per hour
   __ Exhaust

2.1-2.7.2 Staff toilet room
2.1-2.7.2.1 readily accessible* to each nursing unit
2.1-2.7.2.2 toilet & handwashing station

2.1-2.7.3 Staff storage facilities
2.1-2.7.3.1 securable closets or cabinet compartments for personal articles of staff located in or near nurse station
2.1-2.7.3.2 coat storage
   ☐ check if not included in project:
   __ storage of coats in closets or cabinets on each floor or in central staff locker area

2.2-2.2.8 SUPPORT AREAS FOR PATIENTS, FAMILIES & VISITORS
   (may be shared with adjacent med/surg unit)

Location:
(1) support areas listed are located in or readily accessible* to each nursing unit
(3) each support area provided on each nursing floor

(2) family & visitor lounge
(3) lounge immediately accessible* to nursing unit served (may serve more than one nursing unit)
(4) lounge designed to minimize impact of noise & activity on patient rooms & staff functions
(6) public communication services

(2) toilet room readily accessible*

(2) place for meditation & prayer
   __ dedicated quiet space to support meditation, bereavement, or prayer.

(2) patient toilet room
   __ toilet rooms immediately accessible* to multipurpose rooms & to each central bathing facility (in addition to toilet rooms serving bed areas)
   __ handwashing station

ARCHITECTURAL DETAILS

2.1-7.2.2 ARCHITECTURAL DETAILS

2.1-7.2.2.1 CORRIDOR WIDTH:
   __ Aisles, corridors & ramps required for exit access in a hospital not less than 8'-0" in clear & unobstructed width
   ___ Aisles, corridors & ramps in adjunct areas not intended for the housing, treatment, or use of inpatients not less than 44" in clear width

NFPA 101

or
   __ Code Review Sheet establishing compliance with NFPA 101 has been submitted

2.1-7.2.2.2 CEILING HEIGHT:
(1) Min. ceiling height 7'-6" in corridors & normally unoccupied spaces

MDPH/DHCFLC 05/15 IP9
2.1-7.2.2.3 DOORS & DOOR HARDWARE:

(1) Doors between corridors, rooms, or spaces subject to occupancy swing type or sliding doors

(2) Sliding doors
   - manual or automatic sliding doors comply with NFPA 101 code review sheet attached
   - no floor tracks

(3) Min. clear width 34.5”
   - Doors do not swing into corridors (except doors to non-occupiable spaces & doors with emergency breakaway hardware)

(4) Lever hardware
    - Doors for patient bathing/toilet facilities
   - 2 doors separated by horizontal distance equal to one-half length of max. diagonal room dimension
   - door that swings outward
   - door equipped with emergency rescue hardware
   - sliding door
      - toilet room door opening in public area or corridor maintains visual privacy
      - bathing room door opening in corridor maintains visual privacy

2.1-7.2.2.5 WINDOWS IN PATIENTROOMS:

(1) Natural light by means of window to outside

(3) Min. net glazed area no less than 8% of floor area of room served

2.1-7.2.2.6 GLAZING MATERIALS:

2.1-7.2.2.7 GLAZING MATERIALS:

2.1-7.2.2.8 HANDWASHING STATIONS:

(1) Handw. stations in patient care areas located to be visible & unobstructed

(2) Operable windows
   - check if not included in project
   - operation limited with either stop limit/restrictor hardware or open guard/screen

(3) Insect screens

(4) Glazing within 18” of floor
   - check if not included in project
   - safety glass, wire glass or plastic break-resistant material

2.1-7.2.2.9 GRAB BARS:

(2) Grab bars anchored to sustain concentrated load of 250 lbs.

2.1-7.2.2.10 HANDRAILS:

(1) Handrails installed on both sides of patient use corridors

(2) Rail ends return to wall or floor

(3) Smooth non-textured surface free of rough edges

(4) Eased edges & corners

(6) Finishes cleanable
2.1-7.2.12 NOISE CONTROL:
(1) Recreation rooms, exercise rooms, equipment rooms & similar spaces where impact noises may be generated are not located directly over patient bed areas.
(2) Partitions, floors & ceiling construction in patient areas conform to Table 1.2-6.

2.1-7.2.3 SURFACES
2.1-7.2.3.1 FLOORING & WALL BASES:
(1) Selected flooring surfaces cleanable & wear-resistant for location.
(2) Smooth transitions between different flooring materials.
(3) Flooring surfaces, including those on stairways, stable, firm & slip-resistant.
(b) Carpet:
   (i) check if not included in project
   (ii) provides stable & firm surface
(4) Floors & wall bases of soiled workrooms, toilet rooms & other wet cleaned areas are not physically affected by cleaning solutions.

2.1-7.2.3.2 WALLS & WALL PROTECTION:
(1) Washable wall finishes.
(a) Wall finishes near plumbing fixtures smooth, scrubbable & water-resistant.
(b) Monolithic wall surfaces in areas routinely subjected to wet spray or splatter.

2.1-7.2.3.3 CEILINGS:
(1) Ceilings in areas occupied by patients & in clean rooms & soiled rooms:
   (a) cleanable with routine housekeeping equipment.
   (b) acoustic & lay-in ceilings:
      (i) check if not included in project
      (ii) do not create ledges or crevices.

2.1-8.2 HEATING, VENTILATION, & AIR-CONDITIONING (HVAC) SYSTEMS
4/6.3.1 Outdoor Air Intakes:
4/6.3.1.1 Located min. 25 feet from cooling towers & all exhaust & vent discharges.
   Bottom of air intake is at least 6'-0" above grade.
4/6.3.1.2 Roof Mounted Air Intakes:
   (i) check if not included in project
   (ii) bottom min. 3'-0" above roof level.

4/6.3.2 Exhaust Discharges for Infectious Air:
   (i) check if not included in project
   (ii) Ductwork under negative pressure (except in mechanical room)
   (iii) Discharge in vertical direction at least 10'-0" above roof level.
   (iv) Located not less than 10'-0" horizontally from air intakes & operable windows/doors.

4/6.4 Filtration:
(1) Filter banks conform to Table 6.4.
(2) Filter Bank #1 placed upstream of heating & cooling coils.
(3) Filter Bank No. 2 installed downstream of cooling coils & supply fan.

4/6.5 Heating & Cooling Systems:
(1) no radiators or convectors in special care areas.

4/6.7 Air Distribution Systems:
(1) Ducted return or exhaust systems in spaces listed in Table 7.1 with required pressure relationships.
(2) Ducted return or exhaust systems in inpatient care areas.

4/6.8 Energy Recovery Systems:
(1) Exhaust systems serving potentially contaminated rooms are not used for energy recovery.

4/6.9 Duct Lining:
(1) No duct lining in ductwork located downstream of Filter Bank #2.

4/7. Space Ventilation:
(1) Spaces ventilated per Table 7.1.
(2) Air movement from clean areas to less clean areas.
(3) Min. number of total air changes indicated either supplied for positive pressure rooms or exhausted for negative pressure rooms.
(4) Recirculating room HVAC units:
   (i) check if not included in project
   (ii) each unit serves only single space
   (iii) min. MERV 6 filter for airflow downstream of cooling coils.
2.1-8.2.1.1 Acoustic Considerations:
(5) Equipment location or acoustic provisions limit noise associated with outdoor mechanical equipment to 65 dBA at building façade.

2.1-8.2.1.2 Ventilation & Space-Conditioning:
(1) All rooms & areas used for patient care have provisions for ventilation.
(2) Natural ventilation only provided in non-sensitive areas & patient rooms via operable windows.
☐ check if not included in project.
(3) Mechanical ventilation provided for all rooms & areas in facility in accordance with Table 7.1 of Part 4.

2.1-8.3 ELECTRICAL SYSTEMS

2.1-8.3.2 ELECTRICAL DISTRIBUTION & TRANSMISSION

2.1-8.3.2.1 Switchboards Locations:
(1) Located in areas separate from piping & plumbing equipment.
(2) Not located in rooms they support.
(3) Accessible to authorized persons only.
(4) Located in dry, ventilated space free of corrosive gases or flammable material.

2.1-8.3.2.2 Panelboards:
(1) Panelboards serving life safety branch emergency circuits only serve same floor, floor above & floor below.
(2) Panelboards serving critical branch emergency circuits only serve same floor.
(3) New panelboards not located in exit enclosures.

2.1-8.3.3.1 EMERGENCY ELECTRICAL SERVICE

2.1-8.3.4 LIGHTING
2.1-8.3.4.2 Light fixtures in wet areas have smooth, cleanable, shatter-resistant lenses & no exposed lamps.

2.1-8.3.4.3 Patient Rooms:
(1) general lighting.
(a) reading light for each patient.
(b) controls accessible to patient in bed.
(c) light source covered by diffuser or lens.
(d) flexible light arms.
☐ check if not included in project.
(e) designed to prevent lamp from contacting bed linen.

(2) night lighting (except ICU rooms).
(a) switch in patient room.
(b) lights path from room entrance to bed.
(c) lights path from bed to toilet.

(3) lighting for ICU bed areas.
(a) permits staff observation of patient & minimize glare.

2.1-8.3.5 ELECTRICAL EQUIPMENT

2.1-8.3.5.2 Required handwashing station or scrub sink tied to building electrical service.
☐ check if not included in project.
(3) connected to essential electrical system.

2.1-8.3.6 ELECTRICAL RECEPTACLES

2.1-8.3.6.1 Receptacles in Corridors:
(1) duplex grounded receptacles installed approx. 50'-0" apart.
(2) duplex grounded receptacles installed approx. within 25'-0" of corridor ends.
(3) receptacles in pediatric unit corridors of tamper-resistant type.

2.1-8.3.6.2 Receptacles in Patient Care Areas:
(1) receptacles provided according to Table 2.1-1.

2.1-8.3.6.3 Emergency System Receptacles:
(2) distinctly colored or marked for identification.

2.1-8.3.7 CALL SYSTEMS

(a) Nurse call equipment legend.
(b) includes patient stations, bath stations, staff emergency stations & code call stations.
2.1-8.3.7.1 Nurse call system locations provided as required in Table 2.1-2
(1) Nurse call systems report to attended location with electronically supervised visual & audible signals
(2) Call systems meet requirements of UL 1069 Standard for Hospital Signaling & Nurse Call Equipment
(4) Wireless system check if not included in project meet requirements of UL 1069
(5) 

2.1-8.3.7.2 Patient Call Stations:
(1) each patient sleeping bed, except nursery beds, provided with patient call station equipped for two-way voice communication
(2) visible signal once call station has been activated
(3) reset switch for canceling call
(a) visible signal in corridor at patient room door
(b) additional visible signals installed at corridor intersections
(b) visible & audible signal at nurse call duty stations in clean workroom, soiled workroom, medication preparation room, documentation area or other charting facilities, nourishment area, nurse master station of nursing unit or patient care area

2.1-8.3.7.3 Bath Stations:
(1) alarm turned off only at bath station where it was initiated located 5'-0" to 6'-0" above floor in shower stalls & tubs, within normal view of user within reach of staff without need to step into shower or tub located to side of toilets within 12" of front of toilet bowl & 3'-0" to 4'-0" above floor accessible to both toilet & shower
(2) 

2.1-8.3.7.4 Staff emergency stations for summoning local staff assistance for non-life-threatening situations at each patient care location
(1) Code call station equipped with continuous audible or visual signal at point of origin

2.1-8.4.2 PLUMBING & OTHER PIPING SYSTEMS
2.1-8.4.2.5 Heated Potable Water Distribution Systems:
(2) Systems serving patient care areas are under constant recirculation.
(3) No dead-end piping
(4) Water-heating system has supply capacity at minimum temperatures & amounts indicated in Table 2.1-3
(5) handwashing stations supplied as required above
or
handwashing stations supplied at constant temperature between 70°F & 80°F using single-pipe supply

2.1-8.4.2.6 Drainage Systems:
(1) Drainage piping above ceiling of, or exposed in electric closets check if not included in project special provisions to protect space below from leakage & condensation

2.1-8.4.3 PLUMBING FIXTURES
2.1-8.4.3.1 Materials material used for plumbing fixtures non-absorptive & acid resistant
(1) Handwashing Station Sinks:
(2) basins reduce risk of splashing to areas where direct patient care is provided, sterile procedures are performed & medications are prepared basin min. 144 square inches
(3) min. dimension 9 inches
(4) made of porcelain, stainless steel, or solid-surface materials
(5) water discharge point of faucets at least 10 inches above bottom of basin
(6) anchoring for sinks withstands min. vertical or horizontal force of 250 lbs.
(7) fittings operated without using hands for sinks used by medical & nursing staff, patients & public
| (a) | blade handles or single lever  
|     | min. 4 inches long  
|     | provide clearance required for operation  
| or | sensor-regulated water fixtures  
|     | meet user need for temperature & length of time water flows  
|     | designed to function at all times & during loss of normal power |

| (b) | Showers & Tubs:  
|     | check if not included in project  
| (1) | nonslip walking surfaces  
| 2.1-8.4.3.4 | Ice-Making Equipment:  
|     | copper tubing provided for supply connections |

| 2.1-8.4.3.5 | Clinical Sinks:  
|             | check if not included in project  
| (1) | trimmed with valves that can be operated without hands  
| (2) | handles min. 6 inches long  
|     | integral trap wherein upper portion of water trap provides visible seal |

| 2.1-8.4.3.7 | Bedpan Washers:  
|             | check if not included in project  
| (1) | bedpan washer provided in each inpatient toilet room |

| 2.1-8.4.4 | MEDICAL GAS & VACUUM SYSTEMS  
|           | Station outlets provided as indicated in Table 2.1-4  
| 2.1-8.4.4.2 | Vacuum discharge at least 25’-0” from all outside air intakes, doors & operable windows |

| 2.1-8.6.2 | ELECTRONIC SURVEILLANCE SYSTEMS  
|           | check if not included in project  
| 2.1-8.6.2.1 | Devices in patient areas mounted in unobtrusive & tamper-resistant enclosures  
| 2.1-8.6.2.2 | Monitoring devices not readily observable by general public or patients  
| 2.1-8.6.2.3 | Receive power from emergency electrical system |