COMPLIANCE CHECKLIST

IP28  Rehabilitation Hospitals

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 2018 Edition of the FGI Guidelines for Design and Construction of Hospitals. 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)
- Accreditation requirements of The Joint Commission
- CDC Guidelines for Preventing the Transmission of Mycobacterium Tuberculosis in Health Care Facilities
- USP 797 & Regulations of the Massachusetts Board of Registration in Pharmacy
- Occupational Safety & Health Standards (OSHA)
- 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 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 marks, unless otherwise directed in the checklist. If a functional space is not affected by a renovation project, the mark “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.
   - 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. “E” must not be used for an existing required support space associated with a new patient care room or area.
   - 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). An explicit floor plan or plan detail must be attached to 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, waste anesthesia gas disposal and instrument air outlets (if required) are identified respectively by the abbreviations “OX”, “VAC”, “MA”, “WAGD” & “IA”.
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 and reproduced in this checklist.

Facility Name: ________________________________

Facility Address: ________________________________

Satellite Name: (if applicable) ________________________________

Satellite Address: (if applicable) ________________________________

Project Description: ________________________________

DoN Project Number: (if applicable) ________________________________

Patient Care Unit Bed Complements: 

Current = ________________________________ Proposed = ________________________________

Building/Floor Location: ________________________________

Submission Dates: 

Initial Date: ________________________________

Revision Date: ________________________________

MDPH/DHCFLC 12/18 IP28
### Architectural Requirements

#### REHABILITATION HOSPITALS

**2.6-1.1 APPLICATION**

- **2.6-1.1.1** facilities that provide acute rehabilitation hospital care & identify themselves to the general public as rehabilitation hospitals, rehabilitation inpatient health care centers or rehabilitation centers of excellence

**2.6-2.1.3 ACCOMMODATIONS FOR CARE OF PATIENTS OF SIZE**

- **2.1-2.3.1.1** check if not included in project (only if a Patient Handling & Movement Assessment that determines that the facility does not need expanded-capacity lifts & architectural details that support movement of patients of size in patient areas is attached to the Project Narrative)

- **2.1-2.3.1.3** Patient Lift System:
  - (1) accommodations for patient handling provided by either overhead lift system or floor-based full-body sling lift & standing-assist lifts
  - (2) lifts capable of accommodating projected weight of patients of size

- **2.1-2.3.2 Patient Rooms:**
  - (1) Patient rooms designated for patients of size are single-patient rooms
  - (2) Lift system (e.g. ceiling- or wall-mounted) in rooms designated for care of patients who weigh 600 lbs. or more can transfer patient from bed to toilet

- **2.1-2.3.2.2 Space Requirements:**
  - (2)(a) min. clearance 5'-0" at foot of bed
  - (2)(b) min. clearance 5'-6" on non-transfer side of bed from edge of expanded-capacity patient bed

- **2.1-2.3.2.2 Clearance on Transfer Side of Bed:**
  - patient room equipped with ceiling- or wall-mounted lifts
    - rectangular clear floor area min. 10'-6" long by 5'-6" wide measured beginning 2'-0" from headwall
  - or
  - patient room not equipped with ceiling- or wall-mounted lifts
    - rectangular clear floor area min. 10'-6" long by 7'-0" wide measured beginning 2'-0" from headwall
Architectural Requirements

2.1-2.3.3  ___ Airborne infection isolation (AII) room
2.1-2.3.3.1 ___ at least one AII room that meets
requirements listed on Page 8 of this
Compliance Checklist is provided in
facility

2.1-2.3.5  ___ Patient toilet room
2.1-2.6.2  ___ toilet
2.1-2.6.3(1) ___ handwashing station
2.1-2.6.3(2) ___ bedpan washer
2.1-2.3.5.1 ___ expanded-capacity toilet
 ___ min. 36” from finished wall to toilet
centerline on both sides
 or
2.1-2.3.5.2 ___ regular toilet
 ___ min. 44” from finished wall to
centerline of toilet on both sides to
allow for positioning of expanded-
capacity commode over toilet

2.1-2.3.6  ___ Shower facilities for patients of size
2.1-2.3.6.1 ___ shower stalls min. 4'-0" by 6'-0"
2.1-2.3.6.2 ___ equipped with grab bars capable of
supporting 800 lbs.
2.1-2.3.6.3 ___ handheld spray nozzles mounted on
side wall
2.1-2.3.7  ___ Single-patient exam or treatment room
2.1-2.1.2  ___ provisions to address patient
visual & speech privacy

2.1-3.2.2.1 (1) ___ min. clear floor area 120 sf
 ___ min. clear dimension 10'-0"
2.1-2.3.7.2(1)(a) ___ min. 5'-0" clearance at foot of
expanded-capacity exam table
2.1-2.3.7.2(1)(b) ___ min. 5'-0" clearance on
non-transfer side of expanded-
capacity exam table

Clearance on Transfer Side of
Expanded-Capacity Exam Table:
2.1-2.3.7.2(1)(c) ___ with ceiling- or wall-mounted lift
 ___ min. 5'-0" clearance
 or
 ___ without ceiling- or wall-mounted lift
 ___ min. 7'-0" clearance

2.1-3.2.2.2 ___ Space Requirements:
Ventilation:
2.1-3.2.2.2.1 ___ min. 6 air changes per hour  Table 7.1
Ventilation:
2.1-3.2.2.2.2 ___ Min. 10 air changes per hour  Table 7.1
 ___ Exhaust
 ___ Negative pressure
 ___ No recirculating room units

Building Systems Requirements

Lighting:
2.1-8.3.4.3(3) ___ Portable or fixed exam light
Power:
2.1-2.1.1 ___ Min. 8 receptacles in total  Table 2.1-1
 ___ Min. 4 receptacles convenient
to head of gurney or bed
Nurse Call System:
2.1-2.1.3(1) ___ Staff assistance station  Table 2.1-2
 ___ Emergency call station
<table>
<thead>
<tr>
<th><strong>Architectural Requirements</strong></th>
<th><strong>Building Systems Requirements</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>(2)</td>
<td>___ storage for supplies</td>
</tr>
<tr>
<td>(3)</td>
<td>___ accommodations for written or</td>
</tr>
<tr>
<td></td>
<td>electronic documentation</td>
</tr>
<tr>
<td>(4)</td>
<td>___ space for visitor’s chair</td>
</tr>
<tr>
<td>(5)</td>
<td>___ handwashing station</td>
</tr>
<tr>
<td>2.1-2.3.8</td>
<td>___ Equipment &amp; Supply Storage</td>
</tr>
<tr>
<td></td>
<td>___ accommodates size of</td>
</tr>
<tr>
<td></td>
<td>expanded-capacity equipment</td>
</tr>
<tr>
<td>2.1-2.3.9</td>
<td>___ Waiting areas</td>
</tr>
<tr>
<td>2.1-2.3.9.1</td>
<td>___ sized to accommodate</td>
</tr>
<tr>
<td></td>
<td>expanded-capacity furniture required</td>
</tr>
<tr>
<td></td>
<td>for patients &amp; visitors of size</td>
</tr>
<tr>
<td>2.1-2.3.9.2</td>
<td>___ min. 5 percent of seating accommodates</td>
</tr>
<tr>
<td></td>
<td>person who weighs 600 pounds</td>
</tr>
<tr>
<td>2.1-2.3.10</td>
<td>Special Design Elements for Spaces for</td>
</tr>
<tr>
<td></td>
<td>Care of Patients of Size:</td>
</tr>
<tr>
<td>2.1-2.3.10.1</td>
<td>___ all plumbing fixtures, handrails, grab</td>
</tr>
<tr>
<td></td>
<td>bars, patient lift equipment, built-in</td>
</tr>
<tr>
<td></td>
<td>furniture &amp; other furnishings &amp;</td>
</tr>
<tr>
<td></td>
<td>equipment designed to accommodate</td>
</tr>
<tr>
<td></td>
<td>maximum planned patient weight</td>
</tr>
<tr>
<td>2.1-2.3.10.2</td>
<td>___ Door openings</td>
</tr>
<tr>
<td></td>
<td>___ meet requirements of Section</td>
</tr>
<tr>
<td></td>
<td>2.1-7.2.2.3 (2)</td>
</tr>
<tr>
<td>(1)</td>
<td>___ min. clear width 45.5” for path of travel</td>
</tr>
<tr>
<td></td>
<td>of expanded-capacity wheelchairs to</td>
</tr>
<tr>
<td></td>
<td>public areas &amp; patient care areas</td>
</tr>
<tr>
<td>(2)</td>
<td>___ min. clear width 57” to patient rooms</td>
</tr>
<tr>
<td>(3)</td>
<td>___ min. clear width 45.5” to toilet rooms</td>
</tr>
</tbody>
</table>
2.6-2.2.2
Architectural Requirements

PATIENT CARE UNIT – PATIENT ROOM

Capacity:

2.6-2.2.2.1 2.2-2.2.2.1(1)
___ max. number of beds per room is 1 bed

or

2.2-2.2.2.1(2)
___ renovation work is undertaken
___ present capacity is more than one
patient in each room
___ proposed room capacity is no
more than present capacity
___ maximum 2 patients in each room

2.6-2.2.2.2
Space Requirements:

(1)
___ min. clear floor area 140 sf in single-
patient rooms
___ min. clear floor area 125 sf per bed in
multiple-patient rooms
☐ check if not included in project

(2)(a)
___ dimensions & arrangement of rooms
provide min. clearance 4’-0” between
sides & foot of bed & any wall or any
other fixed obstruction in both single-
& multiple-patient rooms

(2)(b)
___ turning space for wheelchairs

2.6-2.2.2.3
Windows in Patient Rooms:

2.1-7.2.2.5(1)
___ each patient room provided with natural
light by means of window to outside

2.1-7.2.2.5(2)
___ operable windows in patient rooms
☐ check if not included in project

___ window operation is limited with either
stop limit/restrictor hardware or open
guard/screen

___ prevents passage of 4-inch
diameter sphere through opening
___ insect screens

2.1-7.2.2.6
2.1-7.2.2.5(3)
(a)
___ min. net glazed area be no less than 8%
of required min. clear floor area

(b)
___ max. 36” windowsill height above
finished floor

2.6-2.2.2.4
Patient Privacy:

2.1-2.1.2
___ provisions are made to address
patient visual & speech privacy

2.6-2.2.2.5
Handwashing Station in Patient Room:

2.1-2.2.5.1
___ provided in patient room in addition to
that in toilet room

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

Multi-Patient Rooms:

☐ check if not included in project

(2)
___ handwashing station located outside
patients cubicle curtains

Building Systems Requirements

Ventilation:

___ Min. 4 air changes per hour
Table 7.1

Lighting:

___ General lighting
2.1-8.3.4.3(1)

___ Reading light for each bed
___ controls accessible to
patients in bed

___ Night-light located in each
patient room
___ no central control of
night-lights outside
room

___ illuminates path from
room entrance to
bedside

___ illuminates path
between bed and
toilet room

Power:

___ Min. 12 receptacles in total
Table 2.1-1

___ Min. 2 receptacles at each
side of the head of the bed

___ Min. 2 receptacles on all
other walls (not including
any TV receptacle)

Nurse Call System:

___ Patient station
Table 2.1-2

___ Staff assistance station

___ Emergency call station

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### Architectural Requirements

2.6-2.2.2.6  

<table>
<thead>
<tr>
<th>Patient toilet room</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Patient toilet room</td>
</tr>
<tr>
<td>(2) bathing facility/shower located in patient toilet room</td>
</tr>
<tr>
<td>(3) space be provided for attendant or shared bathing facility centrally located</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Patient toilet room</th>
</tr>
</thead>
<tbody>
<tr>
<td>(4) threshold designed to facilitate use &amp; prevent tipping of wheelchairs &amp; other portable wheeled equipment by patients &amp; staff</td>
</tr>
</tbody>
</table>

2.1-2.2.6.2  

<table>
<thead>
<tr>
<th>Toilet room serves only one patient room</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) toilet</td>
</tr>
<tr>
<td>(2) handwashing station</td>
</tr>
<tr>
<td>(3) bedpan washer</td>
</tr>
</tbody>
</table>

2.6-2.2.2.7  

<table>
<thead>
<tr>
<th>Patient Bathing Facilities:</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)(a) located in toilet room directly accessible from each patient room</td>
</tr>
<tr>
<td>(1)(b) located in central bathing facility</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Central Bathing Facilities:</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) each tub or shower in individual room or enclosure provides privacy for bathing drying &amp; dressing</td>
</tr>
<tr>
<td>(b) at least one shower or bathtub provided for each patient care unit at least one bathing facility with space for attendant to accommodate patients on gurneys, carts &amp; wheelchairs (may be shared with multiple patient care units located on separate floors)</td>
</tr>
<tr>
<td>(c) toilet in separate enclosure in or directly accessible to each central bathing facility handwashing sink in or directly accessible to each central bathing facility storage for soap &amp; towels in or directly accessible to each central bathing facility</td>
</tr>
</tbody>
</table>

### Building Systems Requirements

<table>
<thead>
<tr>
<th>Ventilation: Math 10 air changes per hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Min. 10 air changes per hour</td>
</tr>
<tr>
<td>(2) Exhaust</td>
</tr>
<tr>
<td>(3) Negative pressure</td>
</tr>
<tr>
<td>(4) No recirculating room units</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Nurse Call System: Bath station</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Bath station</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Table 7.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Bath station</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Table 2.1-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Bath station</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Table 2.1-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Bath station</td>
</tr>
</tbody>
</table>
### Architectural Requirements

<table>
<thead>
<tr>
<th>Building Systems Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>(3) Mobile Lifts, Shower Gurney Devices &amp; Wheelchair Access:</td>
</tr>
<tr>
<td>(a) doorways designed to allow entry of portable/mobile mechanical lifts &amp; shower gurney devices</td>
</tr>
<tr>
<td>(b) thresholds designed to facilitate use &amp; prevent tipping of wheelchairs &amp; other portable wheeled equipment</td>
</tr>
<tr>
<td>(c) patient shower rooms designed to allow entry of portable/mobile mechanical lifts &amp; shower gurney devices</td>
</tr>
<tr>
<td>(d) floor drain grates designed to facilitate use &amp; prevent tipping of wheelchairs &amp; other portable wheeled equipment</td>
</tr>
</tbody>
</table>

2.6-2.2.2.7(2)(a) each tub or shower in individual room or privacy enclosure includes space for wheelchair & attendant

2.6-2.2.2.7(2)(b) bathtubs or showers provided at ratio of one bathing facility for every 8 beds not otherwise served by bathing facilities in patient toilet rooms

2.6-2.2.2.7(2)(c) showers in central bathing facilities min. 16 sf showers are curb-free & designed for use by patients in wheelchairs

2.6-2.2.2.8 Patient Storage:

<table>
<thead>
<tr>
<th>Space for Wheelchair &amp; Attendant</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) min. net depth 2'-0&quot; min. net width 2'-6&quot; &amp; min. volume 25 cubic feet</td>
</tr>
<tr>
<td>(2) shelf in closet or wardrobe</td>
</tr>
</tbody>
</table>

(3) at least two accessible drawers or other storage compartments

### Patient Storage

2.6-2.4 PATIENT CARE UNIT – AIRBORNE INFECTION ISOLATION (AII) ROOM

2.6-2.4.2 ☐ check if not included in project (only if Infection Control Risk Assessment included in Project Narrative to support the omission of AII Room)

2.1-2.4.2.2 ☐ Complies with requirements applicable to patient rooms

<table>
<thead>
<tr>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Capacity one bed</td>
</tr>
<tr>
<td>(2) Personal protective equipment (PPE) storage at entrance to room</td>
</tr>
</tbody>
</table>
Architectural Requirements

(3) ___ Handwashing station
(4) ___ Patient toilet room
      ___ serves only one AII room
(5) ___ bathtub or shower

2.1-2.4.2.3 ___ Anteroom
☐ check if not included in project
(1) ___ provides space for persons to don personal protective equipment (PPE) before entering patient room
(2) ___ all doors to anteroom have self-closing devices
      or ___ audible alarm activated when AII room is in use as isolation room

(3)(a) ___ handwashing station
(3)(b) ___ storage for unused PPE
(3)(c) ___ disposal/holding container for used PPE

2.1-2.4.2.4 Architectural Details & Furnishings:
(1)(a) ___ perimeter walls ceiling & floor including penetrations constructed to prevent air exfiltration
(1)(b) ___ self-closing devices on all room exit doors
      or ___ activation of audible alarm when AII room is in use as isolation room
      ___ edge seals provided along sides & top of doorframe for any door into AII room
(2) (a) ___ window treatments do not include fabric drapes & curtains

2.1-2.4.2.5 ___ room pressure visual or audible alarm

2.6-2.2.8 SUPPORT AREAS FOR REHABILITATION PATIENT CARE UNIT

2.1-2.8.1 ___ Support areas provided on each patient care unit floor (permitted to are arranged & located to serve more than one patient care unit)

2.2-2.2.8.2 ___ Administrative center or nurse station
2.1-2.8.2.1(1) ___ space for counters
2.1-2.8.2.1(2) ___ handwashing station next to or directly accessible*
      or ___ hand sanitation dispenser next to or directly accessible*

Building Systems Requirements

Ventilation:
___ Min. 10 air changes per hour Table 7.1
___ Exhaust
___ Negative pressure
___ No recirculating room units

Ventilation:
___ Min. 10 air changes per hour Table 7.1
___ Exhaust
___ No recirculating room units
<table>
<thead>
<tr>
<th>Architectural Requirements</th>
<th>Building Systems Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1-2.8.2.2</td>
<td><strong>Center for reception &amp; communication</strong></td>
</tr>
<tr>
<td></td>
<td><strong><em>self-contained</em></strong></td>
</tr>
<tr>
<td></td>
<td><strong>or</strong></td>
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<tr>
<td></td>
<td><strong><em>combined with administrative center or nurse station</em></strong></td>
</tr>
<tr>
<td>2.2-2.2.8.3</td>
<td><strong>Documentation area</strong></td>
</tr>
<tr>
<td>2.1-2.8.3.1</td>
<td><strong><em>work surface to support documentation process</em></strong></td>
</tr>
<tr>
<td>2.6-2.2.8.4</td>
<td><strong>Offices:</strong></td>
</tr>
<tr>
<td>(1)</td>
<td><strong><em>office for nursing staff</em></strong></td>
</tr>
<tr>
<td>(2)</td>
<td><strong><em>office or other work space for staff who provide psychological &amp; social services</em></strong></td>
</tr>
<tr>
<td>2.2-2.2.8.5</td>
<td><strong>Multipurpose room</strong></td>
</tr>
<tr>
<td>2.1-2.8.5</td>
<td><strong><em>at least one room in facility for patient conferences, reports, education, training sessions &amp; consultation (may serve several patient care units &amp; departments)</em></strong></td>
</tr>
<tr>
<td>2.2-2.2.8.7</td>
<td><strong>Handwashing station</strong></td>
</tr>
<tr>
<td>2.1-2.8.7.1</td>
<td><strong><em>located in each room where hands-on patient care is provided</em></strong></td>
</tr>
<tr>
<td>2.2-2.2.8.8</td>
<td><strong>Medication safety zones</strong></td>
</tr>
<tr>
<td>2.1-2.8.8.1(2)</td>
<td><strong>Design Promoting Safe Medication Use:</strong></td>
</tr>
<tr>
<td>(a)</td>
<td><strong><em>medication safety zones located out of circulation paths</em></strong></td>
</tr>
<tr>
<td>(b)</td>
<td><strong><em>work space designed so that staff can access information &amp; perform required tasks</em></strong></td>
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<tr>
<td>(c)</td>
<td><strong><em>work counters provide space to perform required tasks</em></strong></td>
</tr>
<tr>
<td>(e)</td>
<td><strong><em>sharps containers placed at height that allows users to see top of container</em></strong></td>
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<tr>
<td>(f)</td>
<td><strong><em>max. 45 dBA noise level caused by building systems</em></strong></td>
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<tr>
<td>2.1-2.8.8.2(1)</td>
<td><strong>medication preparation room</strong></td>
</tr>
<tr>
<td>(a)</td>
<td><strong><em>under visual control of nursing staff</em></strong></td>
</tr>
<tr>
<td>(b)</td>
<td><strong><em>work counter</em></strong></td>
</tr>
<tr>
<td></td>
<td><strong><em>handwashing station</em></strong></td>
</tr>
<tr>
<td></td>
<td><strong><em>lockable refrigerator</em></strong></td>
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<tr>
<td></td>
<td><strong><em>locked storage for controlled drugs</em></strong></td>
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<tr>
<td></td>
<td><strong><em>sharps containers</em></strong></td>
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<tr>
<td></td>
<td>□ check if not included in project</td>
</tr>
<tr>
<td>(c)</td>
<td><strong><em>self-contained medication-dispensing unit</em></strong></td>
</tr>
<tr>
<td></td>
<td>□ check if not included in project</td>
</tr>
<tr>
<td></td>
<td><strong><em>room designed with space to prepare medications</em></strong></td>
</tr>
</tbody>
</table>

**Nurse Call System:**

<table>
<thead>
<tr>
<th>Nurse Call System:</th>
<th>2.1-8.5.1.2(3)(b)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong><em>Duty station (light/sound signal)</em></strong></td>
<td></td>
</tr>
</tbody>
</table>

**Lighting:**

<table>
<thead>
<tr>
<th>Lighting:</th>
<th>2.1-2.8.8.1(2)(d)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong><em>Task lighting</em></strong></td>
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</tr>
</tbody>
</table>

**Ventilation:**

<table>
<thead>
<tr>
<th>Ventilation:</th>
<th>Table 7.1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong><em>Min. 4 air changes per hour</em></strong></td>
<td></td>
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</tbody>
</table>

**Nurse Call System:**

<table>
<thead>
<tr>
<th>Nurse Call System:</th>
<th>Table 2.1-2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong><em>Duty station (light/sound signal)</em></strong></td>
<td></td>
</tr>
</tbody>
</table>
2.1-2.8.8.2(2) or
(a) __ automated medication-dispensing unit
   ____ located at nurse station, in clean
   workroom or in alcove
(c) ____ handwashing station located next
   to stationary medication-
dispensing units or stations

2.2-2.2.8.9
2.1-2.8.9.2
(1) ____ handwashing station
(2) ____ work counter
(3) ____ refrigerator
(4) ____ microwave
(5) ____ storage cabinets
(6) ____ space for temporary storage of food
   service implements

2.1-2.8.9.3
____ provisions & space are included for
   separate temporary storage of unused
   & soiled meal trays

2.2-2.2.8.10
____ Ice-making equipment
   ____ located in each patient care unit
   ____ equipment to provide ice for
   treatments & for nourishment

2.2-2.2.8.11
____ Clean workroom or clean supply room
2.1-2.8.11.2
____ clean workroom
   ____ used for preparing patient care
   items
(1) ____ work counter
(2) ____ handwashing station
(3) ____ storage facilities for clean &
   sterile supplies
   or
2.1-2.8.11.3
____ clean supply room
   ____ used only for storage & holding
   as part of system for distribution
   of clean & sterile supplies

2.2-2.2.8.12
____ Soiled workroom or soiled holding room
2.1-2.8.12.2
____ soiled workroom
(1)(a) ____ handwashing station
(1)(b) ____ flushing-rim clinical service sink
   with bedpan-rinsing device or
   equivalent flushing-rim fixture
(1)(c) ____ work counter

Nurse Call System:
____ Duty station (light/sound
   signal)  Table 2.1-2

Ventilation:
____ Min. 2 air changes per hour  Table 7.1
Nurse Call System:
____ Duty station (light/sound
   signal)  2.1-8.5.1.2(3)(b)

Ventilation:
____ Min. 4 air changes per hour  Table 7.1
____ Positive pressure

Nurse Call System:
____ Duty station (light/sound
   signal)  Table 2.1-2

Ventilation:
____ Min. 4 air changes per hour  Table 7.1
____ Positive pressure

Nurse Call System:
____ Duty station (light/sound
   signal)  Table 2.1-2
Architectural Requirements

(1)(d) __ space for separate covered containers for waste & soiled linen

(2) __ fluid management system is used  
  □ check if not included in project  
  __ electrical & plumbing connections that meet manufacturer requirements

(a) __ space for docking station

(b) __ soiled holding room

2.1-2.8.12.3

(1) __ handwashing station or hand sanitation station

(2) __ space for separate covered containers for waste & soiled linen

2.1-2.8.13.1

2.6-2.2.8.13(1) __ Clean linen storage  
  __ stored in clean workroom  
  or  
  __ separate closet  
  or  
  __ covered cart distribution system on each floor

(2) __ storage of clean linen carts in designated corridor alcoves, clean workroom or closets

Environmental systems

2.1-2.8.14.1 __ Environmental services room

2.2-2.2.8.14 __ readily accessible* to unit or floor it serves (permitted to serve more than one patient care unit on floor)

2.1-2.8.14.2(1) __ service sink or floor-mounted mop sink

2.1-2.8.14.2(2) __ provisions for storage of supplies & housekeeping equipment

2.1-2.8.14.2(3) __ handwashing station  
  or  
  __ hand sanitation station

Building Systems Requirements

Ventilation:

2.1-2.8.14.1  
  __ Min. 10 air changes per hour  
  Table 7.1

2.1-2.8.14  
  __ Exhaust

2.1-2.8.14.1  
  __ Negative pressure

2.1-2.8.14  
  __ No recirculating room units
2.2-2.2.8.15  Examination room
(1)  check if not included in project
   (only if all patient rooms in patient care unit are single-patient rooms)
      designed for single patient
(2)  serves only one patient care unit
   or
      serves more than one patient care unit on same floor
         centrally located
2.6-2.2.8.15(2)  located in evaluation unit
      readily accessible* to patient care unit

2.1-2.1.2  Patient privacy:
   provisions are made to address patient visual & speech privacy

2.1-3.2.2.1  Space Requirements:
(1)  min. clear floor area 120 sf
      min. clear dimension 10'-0"
(2)(a)  room size permits room arrangement with min. clearance 3'-0" at each side & at foot of exam table

2.1-3.2.2.2(2)  storage for supplies
2.1-3.2.2.2(3)  accommodations for written or electronic documentation
2.1-3.2.2.2(4)  space for visitor’s chair
2.1-3.2.2.2(5)  handwashing station

Ventilation:
   Min. 6 air changes per hour  Table 7.1

Lighting:
   Portable or fixed exam light  2.1-8.3.4.3(3)

Power:
   Min. 8 receptacles in total  Table 2.1-1
   Min. 4 receptacles convenient to head of gurney or bed

Nurse Call System:
   Staff assistance station  Table 2.1-2
   Emergency call station

2.6-2.2.9  SUPPORT AREAS FOR STAFF

2.1-2.9.1  Staff lounge
      min. 100 sf

2.1-2.9.2  Staff toilet room (permitted to be unisex)
2.1-2.9.2.1  readily accessible* to each patient care unit
2.1-2.9.2.2  toilet & handwashing station

Ventilation:
   Min. 10 air changes per hour  Table 7.1

Exhaust
   Negative pressure
   No recirculating room units

2.1-2.9.3  Staff storage facilities
2.1-2.9.3.1  securable closets or cabinet compartments for staff personal articles
      located in or near nurse station
**Architectural Requirements**

2.6-2.3.1 DINING, RECREATION & DAY SPACES

<p>| | |</p>
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</table>

**Building Systems Requirements**

2.6-2.3.1.1 Glazed areas allow daylight from exterior wall to reach each dining, recreation & day space

2.6-2.3.1.2 Space Requirements for Inpatient Services:

<p>| | |</p>
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(2) Space Requirements for Outpatient Services:

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</table>

2.6-2.3.1.4 Storage spaces provided for recreational equipment & supplies

2.6-2.3.2 ACTIVITY AREAS

2.6-2.3.2.1 Activities of Daily Living Unit:

<p>| | |</p>
<table>
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<tr>
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2.6-3.1 REHABILITATION THERAPY DEPARTMENT

2.6-3.1.2 Physical Therapy Areas:

<p>| | |</p>
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<tr>
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**MDPH/DHCFLC**

12/18 IP28
<table>
<thead>
<tr>
<th>Architectural Requirements</th>
<th>Building Systems Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2) Patient Privacy:</td>
<td></td>
</tr>
<tr>
<td>(a) ___ privacy screens or curtains at each individual patient</td>
<td></td>
</tr>
<tr>
<td>care station</td>
<td></td>
</tr>
<tr>
<td>(b) ___ curtains or shades on windows in therapy areas</td>
<td></td>
</tr>
<tr>
<td>(3) ___ Handwashing stations</td>
<td></td>
</tr>
<tr>
<td>2.1-2.8.7.1 ___ located in each room where hands-on patient</td>
<td></td>
</tr>
<tr>
<td>care is provided</td>
<td></td>
</tr>
<tr>
<td>2.1-2.8.7.3 ___ handwashing station serves multiple patient</td>
<td></td>
</tr>
<tr>
<td>care stations</td>
<td></td>
</tr>
<tr>
<td>□ check if not included in project</td>
<td></td>
</tr>
<tr>
<td>(1) ___ at least 1 handwashing station for every 4 patient</td>
<td></td>
</tr>
<tr>
<td>care stations or fewer &amp; for each major fraction thereof</td>
<td></td>
</tr>
<tr>
<td>(2) ___ handwashing stations evenly distributed</td>
<td></td>
</tr>
<tr>
<td>2.6-3.1.2.3 ___ Exercise area &amp; facilities</td>
<td></td>
</tr>
<tr>
<td>___ layout of exercise area includes</td>
<td></td>
</tr>
<tr>
<td>staff work area arranged so that staff can view all activities</td>
<td></td>
</tr>
<tr>
<td>taking place in exercise area</td>
<td></td>
</tr>
<tr>
<td>2.6-3.1.2.8(1) ___ Separate storage for soiled linen</td>
<td></td>
</tr>
<tr>
<td>towels &amp; supplies</td>
<td></td>
</tr>
<tr>
<td>2.6-3.1.2.8(2) ___ Equipment &amp; supply storage</td>
<td></td>
</tr>
<tr>
<td>(a) ___ Clean linen &amp; towel storage</td>
<td></td>
</tr>
<tr>
<td>(b) ___ Storage for equipment &amp; supplies</td>
<td></td>
</tr>
<tr>
<td>2.6-3.1.3 ___ Occupational Therapy Areas:</td>
<td></td>
</tr>
<tr>
<td>□ check if not included in project</td>
<td></td>
</tr>
<tr>
<td>2.6-3.1.3.2 ___ Classroom/dining room</td>
<td></td>
</tr>
<tr>
<td>(1) ___ min. 30 sf per person plus additional 30 sf for</td>
<td></td>
</tr>
<tr>
<td>instructor &amp; instructional resources</td>
<td></td>
</tr>
<tr>
<td>(2) ___ min. 150 sf floor area</td>
<td></td>
</tr>
<tr>
<td>2.6-3.1.3.3 ___ Work areas &amp; counters</td>
<td></td>
</tr>
<tr>
<td>___ suitable for wheelchair access</td>
<td></td>
</tr>
<tr>
<td>2.6-3.1.3.4 ___ Teaching area for teaching activities of daily</td>
<td></td>
</tr>
<tr>
<td>living</td>
<td></td>
</tr>
<tr>
<td>2.6-3.1.3.5 ___ Handwashing stations</td>
<td></td>
</tr>
<tr>
<td>2.6-3.1.3.8 ___ Equipment &amp; supply storage</td>
<td></td>
</tr>
<tr>
<td>Architectural Requirements</td>
<td>Building Systems Requirements</td>
</tr>
<tr>
<td>----------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td><strong>2.6-3.1.4.1</strong> Prosthetic &amp; Orthotic Work Areas:</td>
<td></td>
</tr>
<tr>
<td>☐ check if not included in project</td>
<td></td>
</tr>
<tr>
<td>(1)</td>
<td></td>
</tr>
<tr>
<td>___ Space for evaluation &amp; fitting</td>
<td></td>
</tr>
<tr>
<td>___ provisions for privacy</td>
<td></td>
</tr>
<tr>
<td>Handwashing Station:</td>
<td></td>
</tr>
<tr>
<td>(2)</td>
<td></td>
</tr>
<tr>
<td>___ staff required to work with wet material or to handle caustic material or chemicals</td>
<td></td>
</tr>
<tr>
<td>(a)</td>
<td></td>
</tr>
<tr>
<td>___ handwashing station</td>
<td></td>
</tr>
<tr>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>___ eyewash station</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>(b)</td>
<td></td>
</tr>
<tr>
<td>___ staff not required to work with wet material or handle caustic material or chemicals</td>
<td></td>
</tr>
<tr>
<td>(3)</td>
<td></td>
</tr>
<tr>
<td>___ Clinical sink</td>
<td></td>
</tr>
<tr>
<td>☐ check if not included in project</td>
<td></td>
</tr>
<tr>
<td>(only if prosthetic &amp; orthotic areas do not need running water for materials preparation)</td>
<td></td>
</tr>
</tbody>
</table>

| **2.6-3.1.4.2** Speech & Hearing Service Facilities: |   |
| ☐ check if not included in project |   |
| (1) |   |
| ___ Space for evaluation & treatment |   |
| (2) |   |
| ___ Handwashing station |   |
| (3) |   |
| ___ Therapy areas provided with speech privacy design that minimizes external sound from high-traffic public & similar noisy areas |   |

| **2.6-3.1.8** SUPPORT AREAS FOR REHABILITATION THERAPY DEPARTMENT |   |
| **2.6-3.1.8.3** |   |
| ___ Documentation area for documenting, filing & retrieving patient records |   |
| **2.6-3.1.8.5** |   |
| ___ Multipurpose room |   |
| **2.6-3.1.8.11** |   |
| ___ Clean supply room |   |
| **2.6-3.1.8.12** |   |
| ___ Soiled holding room |   |
| **2.6-3.1.8.13(2)** |   |
| ___ Secure storage for potentially harmful supplies & equipment |   |
| **2.6-3.1.8.13(3)** |   |
| (a) |   |
| ___ space for storing wheelchairs lifts & gurneys out of traffic while patients are using services |   |
| (b) |   |
| ___ immediately accessible* to service area |   |
### Architectural Requirements

<table>
<thead>
<tr>
<th>Requirement ID</th>
<th>Requirement Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.6-3.1.8.14</td>
<td>Environmental services room</td>
</tr>
<tr>
<td>2.1-2.8.14.1</td>
<td>readily accessible* to unit or floor it serves (permitted to serve more than one patient care unit on floor)</td>
</tr>
<tr>
<td>2.1-2.8.14.2</td>
<td>(1) service sink or floor-mounted mop sink</td>
</tr>
<tr>
<td></td>
<td>(2) provisions for storage of supplies &amp; housekeeping equipment</td>
</tr>
<tr>
<td></td>
<td>(3) handwashing station or hand sanitation station</td>
</tr>
</tbody>
</table>

### Building Systems Requirements

<table>
<thead>
<tr>
<th>Requirement ID</th>
<th>Requirement Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ventilation:</td>
</tr>
<tr>
<td></td>
<td>Min. 10 air changes per hour</td>
</tr>
<tr>
<td></td>
<td>Exhaust</td>
</tr>
<tr>
<td></td>
<td>Negative pressure</td>
</tr>
<tr>
<td></td>
<td>No recirculating room units</td>
</tr>
</tbody>
</table>

### SUPPORT AREAS FOR STAFF

<table>
<thead>
<tr>
<th>Requirement ID</th>
<th>Requirement Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.6-3.1.9.2</td>
<td>Staff toilet room</td>
</tr>
<tr>
<td>2.6-3.1.9.3</td>
<td>Storage for staff belongings</td>
</tr>
<tr>
<td></td>
<td>lockable storage readily accessible* to each work area for securing staff personal effects</td>
</tr>
</tbody>
</table>

### SUPPORT AREAS FOR PATIENTS

<table>
<thead>
<tr>
<th>Requirement ID</th>
<th>Requirement Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.6-3.1.10.1</td>
<td>Patient waiting area</td>
</tr>
<tr>
<td></td>
<td>located out of traffic</td>
</tr>
<tr>
<td></td>
<td>provision for wheelchairs</td>
</tr>
<tr>
<td>2.6-3.1.10.2</td>
<td>Patient toilet room</td>
</tr>
<tr>
<td></td>
<td>toilet &amp; handwashing station</td>
</tr>
<tr>
<td></td>
<td>accessible to wheelchair patients</td>
</tr>
</tbody>
</table>

### LOCATION TERMINOLOGY:

- **Directly accessible**: Connected to the identified area or room through a doorway, pass-through, or other opening without going through an intervening room or public space
- **Adjacent**: Located next to but not necessarily connected to the identified area or room
- **Immediately accessible**: Available either in or adjacent to the identified area or room
- **Readily accessible**: Available on the same floor or in the same clinic as the identified area or room
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
- Detailed code review incorporated in Project Narrative
- Aisles, corridors & ramps in adjunct areas not intended for the housing, treatment, or use of inpatients not less than 44" in clear & unobstructed width

2.1-7.2.2.2 CEILING HEIGHT:
- Min. height 7'-6" above floor of suspended tracks, rails & pipes located in traffic path for patients in beds & on stretchers
- Min. ceiling height 7'-10" in other areas

2.1-7.2.2.3 DOORS & DOOR HARDWARE:
(1) Door Type:
- doors between corridors, rooms, or spaces subject to occupancy swing type or sliding doors

(2) Door Opening:
- min. 45.5" clear door width for patient rooms
- min. 83.5" clear door height for patient rooms
- swinging doors for personnel use in addition to sliding doors

(3) Door Swing:
- doors do not swing into corridors except doors to non-occupiable spaces (e.g. environmental services rooms & electrical closets) & doors with emergency breakaway hardware

(4) Lever hardware or push/pull latch hardware

(5) Doors for Patient Bathing/Toilet Facilities:
(a) two separate doors
(b) door that swings outward
(c) door equipped with emergency rescue hardware (permits quick access from outside the room to prevent blockage of the door)
(d) sliding door other than pocket door

(b) bathing area or toilet room opens onto public area or corridor

2.1-7.2.2.5 WINDOWS IN PATIENT ROOMS:
(1) Each patient room provided with natural light by means of window to outside
(2) Operable windows in patient rooms or suites

2.1-7.2.2.6 Window Size In Patient Rooms:
- minimum net glazed area be no less than 8% of required min. clear floor area of room served

2.1-7.2.2.7 GLAZING MATERIALS:
- Glazing within 1 foot 6 inches of floor
- must be safety glass, wire glass or plastic break-resistant material

2.1-7.2.2.5(3) Window Size In Patient Rooms:
- maximum 36 inches windowsill height above finished floor
2.1-7.2.2.8 HANDWASHING STATIONS:
(1)(c) Handwashing stations in patient care areas located so they are visible & unobstructed
(3)(a) Handwashing station countertops made of porcelain, stainless steel, solid-surface materials or impervious plastic laminate assembly
(3)(b) Countertops substrate ☐ check if not included in project marine-grade plywood (or equivalent material) with impervious seal
(4) Handwashing station casework ☐ check if not included in project designed to prevent storage beneath sink
(5) Provisions for drying hands ☐ check if not included in project hand-drying device does not require hands to contact dispenser
(6) Handwashing station casework designed to prevent storage beneath sink
(7) Handwashing stations in patient care areas located so they are visible & unobstructed
(8) Handwashing station casework designed to prevent storage beneath sink
(9) Provisions for drying hands hand-drying device does not require hands to contact dispenser
(10) Handwashing station casework designed to prevent storage beneath sink
(11) Provisions for drying hands hand-drying device does not require hands to contact dispenser
(12) Handwashing station casework designed to prevent storage beneath sink
(13) Provisions for drying hands hand-drying device does not require hands to contact dispenser

2.1-7.2.2.9 GRAB BARS:
(1) Grab bars anchored to sustain concentrated load 250 pounds
(2) Grab bars in toilet rooms used by patients of size anchored to sustain concentrated load 800 pounds
(3) Ends of grab bars constructed to prevent snagging clothes of patients, staff & visitors

2.1-7.2.2.10 HANDRAILS:
(1) Handrails installed on both sides of patient use corridors
(3) Rail ends return to wall or floor
(4) Handrail gripping surfaces & fasteners are smooth (free of sharp or abrasive elements) with 1/8-inch min. radius
(5) Handrails have eased edges & corners
(6) Handrail finishes are cleanable

2.1-7.2.2.11 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) Noise reduction criteria in Table 1.2-6 applicable to partitions, floors & ceiling construction are met in patient areas

2.1-7.2.2.12 DECORATIVE WATER FEATURES:
(1) No indoor unsealed water features
(2) Covered fish tanks ☐ check if not included in project restricted to public areas

2.1-7.2.3 SURFACES
2.1-7.2.3.1 FLOORING & WALL BASES:
(1) Flooring surfaces cleanable & wear-resistant for location
(2) Smooth transitions provided between different flooring materials
(3) Flooring surfaces including those on stairways are stable, firm & slip-resistant
(4) Floors & wall bases of soiled workrooms, toilet rooms & other areas subject to frequent wet cleaning are constructed of materials that are not physically affected by germicidal or other types of cleaning solutions
(5) Floors are monolithic & integral covered wall bases are at least 6" high & tightly sealed to wall in rooms listed below

2.1-7.2.3.2 WALLS & WALL PROTECTION:
(1)(a) Wall finishes are washable
(1)(b) Wall finishes near plumbing fixtures are smooth, scrubbable & water-resistant
(2) Wall surfaces in areas routinely subjected to wet spray or splatter (e.g. environmental services rooms) are monolithic or have sealed seams that are tight & smooth
(3) Wall protection devices & corner guards durable & scrubbable

2.1-7.2.3.3 CEILINGS:
(1) Ceilings provided in all areas except mechanical, electrical & communications equipment rooms
(2) Ceilings cleanable with routine housekeeping equipment
(3) Acoustic & lay-in ceilings where used do not create ledges or crevices

2.1-7.2.4.1 Built-In Furnishings:
☐ check if not included in project upholstered with impervious materials in patient treatment areas
2.1-7.2.4.2 Window Treatments in Patient Rooms & Other Patient Care Areas:
(1) blinds, sheers or other patient-controlled window treatments provided to allow for patient privacy & to control light levels & glare
(2) window treatments do not compromise patient safety easy for patients, visitors & staff to operate
(3) window treatments selected for ease of cleaning, disinfection or sanitization

2.1-7.2.4.3 Privacy curtains in patient rooms & other patient care areas are washable check if not included in project

2.1-8.2 HEATING VENTILATION & AIR-CONDITIONING (HVAC) SYSTEMS
Part 3/6.1 UTILITIES:
Part 3/6.1.1 Ventilation Upon Loss of Electrical Power:
space ventilation & pressure relationship requirements of Tables 7.1 are maintained for AII Rooms in event of loss of normal electrical power check if not included in project

Part 3/6.1.2 Heating & Cooling Sources:
heat sources & essential accessories are provided in number & arrangement sufficient to accommodate facility needs (reserve capacity) even when any one of heat sources or essential accessories is not operating due to breakdown or routine maintenance
capacity of remaining source or sources is sufficient to provide for domestic hot water & to provide heating for inpatient rooms

Part 3/6.1.2.1 Central cooling systems greater than 400 tons (1407 kW) peak cooling load check if not included in project
number & arrangement of cooling sources & essential accessories is sufficient to support owner’s facility operation plan upon breakdown or routine maintenance of any one of cooling sources

Part 3/6.2 AIR-HANDLING UNIT (AHU) DESIGN:
Part 3/6.2.1 AHU casing is designed to prevent water intrusion, resist corrosion & permit access for inspection & maintenance

Part 3/6.3 OUTDOOR AIR INTAKES & EXHAUST DISCHARGES:
Part 3/6.3.1 Outdoor Air Intakes:
Part 3/6.3.1.1 located min. of 25 ft from cooling towers & all exhaust & vent discharges
outdoor air intakes located such that bottom of air intake is at least 6'-0" above grade
air intakes located away from public access
all intakes are designed to prevent entrainment of wind-driven rain

d check if not included in project

Part 3/6.3.1.3 intake on top of buildings check if not included in project
located with bottom of air intake min. 3'-0" above roof level

Part 3/6.3.1.4 intake in areaway check if not included in project
bottom of areaway air intake opening is at least 6'-0" above grade
bottom of air intake opening from areaway into building is at least 3'-0" above bottom of areaway

Part 3/6.3.2 Contaminated Exhaust Discharges:
d check if not included in project

Part 3/6.3.2.1 ductwork within building is under negative pressure for exhaust of contaminated air (i.e. air from AII rooms)
exhaust discharge outlets with contaminated air located such that they reduce potential for recirculation of exhausted air back into building

Part 3/6.3.2.2 contaminated exhaust discharge outlets arranged to discharge to atmosphere in vertical direction at least 10'-0" above adjoining roof level
exhaust discharge outlets from AII rooms is located not less than 25 feet horizontally from outdoor air intakes, openable windows/doors & areas that are normally accessible to public

Part 3/6.3.3 Contaminated Air Re-Entry Provisions:

Part 3/6.3.3.1 Air Pressure Relationship:

Part 3/6.3.3.2 Exhaust Air Intakes:

Part 3/6.3.3.2.2 Air Intakes in Areaways:

Part 3/6.3.3.2.3 Contaminated Air Intakes:

Part 3/6.3.3.3 Outdoor Air Intakes:

Part 3/6.3.3.3.1 Intakes Located Min. 25 Ft From Cooling Towers & All Exhaust & Vent Discharges:

Part 3/6.3.3.3.2 Air Intakes Located Away From Public Access:

Part 3/6.3.3.3.3 Intakes Located Min. 3'-0" Above Roof Level:

Part 3/6.3.3.3.4 Intakes Located Min. 6'-0" Above Grade:

Part 3/6.3.4 Air Intakes & Exhaust Discharges:

Part 3/6.4.1 Contaminated Air Intakes:

Part 3/6.4.1.1 Air Intakes Located Min. 25 Ft From Outdoor Air Intakes, Openable Windows/Doors & Areas That Are Normally Accessible to Public:

Part 3/6.4.1.2 Air Intakes Located Min. 50 Ft From Public Access:

Part 3/6.4.2 Contaminated Air Intakes:

Part 3/6.4.2.1 Air Intakes Located Min. 25 Ft From Live Lines & Public Access:

Part 3/6.4.2.2 Air Intakes Located Min. 50 Ft From Live Lines & Public Access:

Part 3/6.4.3 Air Intakes:

Part 3/6.4.3.1 Air Intakes Located Min. 25 Ft From Public Access:

Part 3/6.4.3.2 Air Intakes Located Min. 50 Ft From Live Lines & Public Access:

Part 3/6.4.4 Air Intakes:

Part 3/6.4.4.1 Air Intakes Located Min. 25 Ft From Public Access:

Part 3/6.4.4.2 Air Intakes Located Min. 50 Ft From Live Lines & Public Access:

Part 3/6.4.5 Air Intakes:

Part 3/6.4.5.1 Air Intakes Located Min. 25 Ft From Public Access:

Part 3/6.4.5.2 Air Intakes Located Min. 50 Ft From Live Lines & Public Access:

Part 3/6.5 Air Intakes & Exhaust Discharges:

Part 3/6.5.1 Contaminated Air Intakes:

Part 3/6.5.1.1 Air Intakes Located Min. 25 Ft From Outdoor Air Intakes, Openable Windows/Doors & Areas That Are Normally Accessible to Public:

Part 3/6.5.1.2 Air Intakes Located Min. 50 Ft From Public Access:

Part 3/6.5.2 Contaminated Air Intakes:

Part 3/6.5.2.1 Air Intakes Located Min. 25 Ft From Live Lines & Public Access:

Part 3/6.5.2.2 Air Intakes Located Min. 50 Ft From Live Lines & Public Access:

Part 3/6.6 Air Intakes:

Part 3/6.6.1 Air Intakes Located Min. 25 Ft From Public Access:

Part 3/6.6.2 Air Intakes Located Min. 50 Ft From Live Lines & Public Access:

Part 3/6.7 Air Intakes:

Part 3/6.7.1 Air Intakes Located Min. 25 Ft From Public Access:

Part 3/6.7.2 Air Intakes Located Min. 50 Ft From Live Lines & Public Access:

Part 3/6.8 Air Intakes:

Part 3/6.8.1 Air Intakes Located Min. 25 Ft From Public Access:

Part 3/6.8.2 Air Intakes Located Min. 50 Ft From Live Lines & Public Access:

Part 3/6.9 Air Intakes:

Part 3/6.9.1 Air Intakes Located Min. 25 Ft From Public Access:

Part 3/6.9.2 Air Intakes Located Min. 50 Ft From Live Lines & Public Access:

Part 3/6.10 Air Intakes:

Part 3/6.10.1 Air Intakes Located Min. 25 Ft From Public Access:

Part 3/6.10.2 Air Intakes Located Min. 50 Ft From Live Lines & Public Access:

Part 3/6.11 Air Intakes:

Part 3/6.11.1 Air Intakes Located Min. 25 Ft From Public Access:

Part 3/6.11.2 Air Intakes Located Min. 50 Ft From Live Lines & Public Access:
Part 3/6.4 FILTRATION:

__ Two filter banks for inpatient care (see Table 6.4)
__ Filter Bank No. 1: MERV 7
__ Filter Bank No. 2: MERV 14
__ Each filter bank with efficiency of greater than MERV 12 is provided with differential pressure measuring device to indicate when filter needs to be changed

Part 3/6.4.1 __ Filter Bank No. 1 is placed upstream of heating & cooling coils

Part 3/6.4.2 __ Filter Bank No. 2 is placed downstream of all wet-air cooling coils & supply fan

Part 3/6.5 HEATING & COOLING SYSTEMS:

__ Radiant heating systems
  __ check if not included in project
  __ ceiling or wall panels with exposed cleanable surfaces or radiant floor heating are provided in AII room
  __ check if not included in project

Part 3/6.7 AIR DISTRIBUTION SYSTEMS:

__ pressure relationships required in tables 7.1 maintained in all modes of HVAC system operation
__ Spaces that have required pressure relationships are served by fully ducted return systems or fully ducted exhaust systems
__ Inpatient facilities are served by fully ducted return or exhaust systems

Part 3/6.7.1 __ Air Distribution Devices:
  __ supply air outlets comply with Table 6.7.2

Part 3/6.7.3 __ Smoke Barriers:
  __ HVAC zones coordinated with compartmentation to minimize ductwork penetrations of fire & smoke barriers.

Part 3/6.8 ENERGY RECOVERY SYSTEMS:

__ check if not included in project

Part 3/6.8.1 __ Located upstream of Filter Bank No. 2

Part 3/6.8.2 __ AII room exhaust systems or combination AII/PE rooms are not used for energy recovery

Part 3/6.8.3 __ Energy recovery systems with leakage potential
  __ check if not included in project
  __ arranged to minimize potential to transfer exhaust air directly back into supply airstream
  __ designed to have no more than 5% of total supply airstream consisting of exhaust air

Part 3/7 SPACE VENTILATION—HOSPITAL SPACES:

Part 3/7.1.a __ Spaces ventilated according to Table 7.1

Part 3/7.1.a.1 __ Air movement is from clean to less-clean areas

Part 3/7.1.a.3 __ Min. number of total air changes required for positive pressure rooms is provided by total supply airflow
__ Min. number of total air changes required for negative pressure rooms is provided by total exhaust airflow

Part 3/7.1a.5 __ Air recirculation through room unit
  __ check if not included in project
  __ complies with Table 7.1
  __ room unit receive filtered & conditioned outdoor air
  __ serve only a single space
  __ provides min. MERV 6 filter located upstream of any cold surface so that all of air passing over cold surface is filtered

Part 3/7.2 ADDITIONAL ROOM-SPECIFIC REQUIREMENTS:

Part 3/7.2.1 Airborne Infection Isolation (AII) Rooms
  __ check if not included in project
  __ AII rooms have permanently installed device and/or mechanism to constantly monitor differential air pressure between room & corridor
  __ Local visual means is provided to indicate whenever negative differential pressure is not maintained
  __ Air from AII room is exhausted directly to outdoors
  __ Exhaust air from AII rooms, associated anterooms & toilet rooms is discharged directly to outdoors without mixing with exhaust air from any other non-AII room or exhaust system

Part 3/7.2.1 __ Exhaust air grille or register in patient room is located directly above patient bed on ceiling or on wall near head of bed

  __ Anteroom
  __ check if not included in project
  __ AII room is at negative pressure with respect to anteroom
  __ Anteroom is at negative pressure with respect to corridor
2.1-8.3 ELECTRICAL SYSTEMS
2.1-8.3.2.2 Panelboards:
(1) panelboards serving life safety branch circuits serve floors on which they are located & floors immediately above & below
(2) panelboard critical branch circuits serve floors on which they are located
(3) panelboards not located in exit enclosures or exit passageways

2.1-8.3.3 POWER-GENERATING & -STORING EQUIPMENT
2.1-8.3.3.1 Essential electrical system or emergency electrical power
(1) essential electrical system complies with NFPA 99
(2) emergency electrical power complies with NFPA 99

2.1-8.3.4 LIGHTING:
2.1-8.3.4.2 Luminaires in wet areas have smooth cleanable shatter-resistant lenses & no exposed lamps

2.1-8.3.4.3(1) Patient Rooms:
(1) reading light for each patient bed
(2) incandescent & halogen light sources placed or shielded to protect patient from injury
(3) light source covered by diffuser or lens
(4) flexible light arms
(5) check if not included in project
(6) check if not included in project
(7) mechanically controlled to prevent lamp from contacting bed linen

2.1-8.3.4.3(2) Patient care unit corridors have general illumination with provisions for reducing light levels at night

2.1-8.3.5 ELECTRICAL EQUIPMENT:
2.1-8.3.5.1 Handwashing sinks & scrub sinks that depends on building electrical service for operation are connected to essential electrical system
(1) check if not included in project

2.1-8.3.6 ELECTRICAL RECEPTACLES:
2.1-8.3.6.1 Receptacles In Corridors:
(1) duplex-grounded receptacles for general use installed 50'-0" apart or less in all corridors
(2) duplex-grounded receptacles for general use installed within 25'-0" of corridor ends

2.1-8.3.6.3 Essential Electrical System Receptacles:
(1) cover plates for electrical receptacles supplied from essential electrical system are distinctively colored or marked for identification
(2) same color is used throughout facility

2.1-8.4 PLUMBING SYSTEMS
2.1-8.4.2 Plumbing & Other Piping Systems:
2.1-8.4.2.1(3) no plumbing piping exposed overhead or on walls where possible accumulation of dust or soil may create cleaning problem
2.1-8.4.2.2 Hemodialysis/Hemoperfusion Water Distribution:
(1) separate treated water distribution system
(2) outlet at each individual hemodialysis treatment bay
(3) outlet at hemodialysis equipment repair area
(4) outlet at dialysate preparation area

2.1-8.4.2.5 Heated Potable Water Distribution Systems:
(1) drainage system independent from tap water drainage
(2) liquid waste system for dialysis treatment area is designed to minimize odor & prevent backflow
(3) hemodialysis distribution piping is readily accessible for inspection & maintenance
(4) heated potable water distribution systems serving patient care areas are under constant recirculation
(5) non-recirculated fixture branch piping max. length 25'-0"
(6) no installation of dead-end piping (except for empty risers mains & branches for future use)
(7) any existing dead-end piping is removed
(8) check if not included in project
(9) water-heating system supplies water at temperatures & amounts indicated in Table 2.1-4
2.1-8.4.2.6 Drainage Systems:
(1)(a) drainage piping above ceiling of or exposed in electronic data processing areas & electric closets rooms have special provisions to protect rooms from leakage & condensation

(1)(b) drip pan for drainage piping above ceiling of sensitive area ☐ check if not included in project

2.1-8.4.3 PLUMBING FIXTURES:
2.1-8.4.3.1(1) Materials used for plumbing fixtures are non-absorptive & acid-resistant

2.1-8.4.3.2 Handwashing Station Sinks:
(1) designed with basins that will reduce risk of splashing to areas where direct patient care is provided & medications are prepared

(2) sink basins have nominal size of no less than 144 square inches

(3) sink basins have min. dimension 9 inches in width or length

(5) sink basins are made of porcelain, stainless steel or solid-surface materials

(6) water discharge point min. 10" above bottom of basin

(7) anchored so that allowable stresses are not exceeded where vertical or horizontal force of 250 lbs. is applied

(8) sinks used by staff, patients, & public have fittings that can be operated without using hands (may be single-lever or wrist blade devices)

(a) blade handles ☐ check if not included in project

(2)(a) indicator light that remains lighted as long as voice circuit is operating

(2)(b) reset switch for canceling call

(3)(a) visible signal in corridor at patient’s door Multi-Corridor Patient Areas: ☐ check if not included in project

2.1-8.4.3.3 Showers & Tubs:
(1) nonslip surfaces

2.1-8.4.3.4 Ice-Making Equipment:
☐ copper tubing for supply connections to ice-making equip

2.1-8.4.3.5 Clinical Flushing-Rim Sinks:
☐ check if not included in project

2.1-8.4.3.7 Bedpan-Rinsing Devices:
(1) bedpan-rinsing devices provided in each inpatient toilet room

(2) use cold water only

2.1-8.5.1 CALL SYSTEMS
2.1-8.5.1.1 Nurse call stations provided as required in Table 2.1-2

(2) Nurse call systems report to attended location with electronically supervised visual & audible annunciation

(4) “Standard for Hospital Signaling & Nurse Call Equipment”

(5) Wireless nurse call system ☐ check if not included in project

2.1-8.5.1.2 Patient Call Stations:
(1) each patient sleeping bed provided with patient call station equipped for two-way voice communication

(2)(a) indicator light that remains lighted as long as voice circuit is operating

(2)(b) reset switch for canceling call

(3)(a) visible signal in corridor at patient’s door Multi-Corridor Patient Areas: ☐ check if not included in project

☐ additional visible signals at corridor intersections
2.1-8.5.1.3 Bath Stations:

(1) bath station that can be activated by patient lying on floor provided at each patient toilet, bathtub or shower stall

(2) alarm in these areas can only be turned off at bath station where it was initiated

(3) shower/tub bath stations located 3'-0" to 4'-0" above floor within view of user & within reach of staff without need to step into shower or tub

(4) toilet bath stations located on the side of toilets within 12" of front of toilet bowl & 3'-0" to 4'-0" above floor

2.1-8.5.1.5 Emergency call stations are equipped with continuous audible or visual confirmation to person who initiated the code call

2.1-8.6.2 ELECTRONIC SURVEILLANCE SYSTEMS

☐ check if not included in project

2.1-8.6.2.2 monitoring devices are located so they are not readily observable by general public or patients

2.1-8.6.2.3 electronic surveillance systems receive power from essential electrical system