COMPLIANCE CHECKLIST

IP7: Obstetrical 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.

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:

Facility Address:

Satellite Name: (if applicable)

Satellite Address: (if applicable)

Project Description:

Facility Name: ____________________________________________

Facility Address: ____________________________________________

Satellite Name: (if applicable) ________________________________

Satellite Address: (if applicable) ______________________________

Project Description: ________________________________________

DoN Project Number: (if applicable) __________________________

Nursing Unit Bed Complements:

Current = _______ Proposed = _______

Building/Floor Location:

Submission Dates:

Initial Date: ________________________

Revision Date: ________________________

MDPH/DHCFLC

01/18 IP7
2.2-2.11 Architectural Requirements

2.2-2.11.1 OBSTETRICAL UNIT

Location:

(1) obstetrical unit located & designed to prohibit non related traffic through unit

(2) LDR rooms located in separate LDR suite, as part of cesarean delivery suite & in postpartum unit

(3) neither staff nor patients must travel through cesarean delivery suite to access other services

2.2-2.11.2 ANTEPARTUM & POSTPARTUM UNIT

2.2-2.11.2.1 ANTEPARTUM ROOM

Capacity:

New Patient Room:

(1) 1 bed per room

Existing Patient Room:

(2) maximum room capacity no more than present capacity, with maximum of 4 patients in each room

2.2-2.2.2.2 Space Requirements:

(1) patient rooms sized to accommodate needs of clinical services single-bed rooms

(2) 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

(1)(b) multiple bed rooms

(2)(a) check if not included in project

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

(2)(b) min. 4'-0" clearance at foot of each bed for passage of beds & equipment

(2)(a) Bed Size for Determining Clearances:

40" wide by 96" long

or specifications of beds to be installed are attached to checklist

Glossary

Bed Size for Determining Clearances:

40" wide by 96" long

or specifications of beds to be installed are attached to checklist

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
### Architectural Requirements

#### 2.1-2.2.4 Patient Privacy:

1. **2.1-2.2.4.1** Means to provide visual privacy from observation by other patients & visitors available for each patient

2. **2.1-2.2.4.2** Design for privacy does not restrict patient access to entrance, handwashing station, or toilet

#### 2.1-2.2.5 Handwashing Station in Patient Room:

1. **2.1-2.2.5.1** Provided in addition to that in toilet room
2. **2.1-2.2.5.2** Handwashing station adjacent* to entrance to patient room for use by health care personnel & others

Multi-Patient Rooms:
- **[ ]** check if not included in project
- **[ ]** located outside cubicle curtains

#### 2.1-2.2.6 Patient toilet room

1. **2.1-2.2.6.1** serves no more than one patient room
2. **2.1-2.2.6.2** serves no more than 2 patients

#### 2.1-2.2.6.3 toilet

1. **[ ]** provided in addition to that in toilet room
2. **[ ]** handwashing station
3. **[ ]** bedpan washer

#### 2.2-2.2.2.7 Patient bathing facilities

1. **[ ]** access to bathing facilities in toilet room directly accessed from each patient room or in central bathing facility
2. **[ ]** central bathing facilities
3. **[ ]** check if not included in project

(a) **[ ]** each bathtub or shower in individual enclosure that provides privacy for bathing, drying & dressing

(b) **[ ]** 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

(a) **[ ]** check if not included in project

(b) **[ ]** doorways designed to allow entry of portable/mobile mechanical lifts & shower gurney devices

(c) **[ ]** thresholds designed to facilitate use & prevent tipping of wheelchairs & other portable wheeled equipment

(d) **[ ]** patient shower rooms designed to allow entry of portable/mobile mechanical lifts & shower gurneys

---

### Building Systems Requirements

Ventilation:

- **[ ]** Min. 10 air changes per hour
- **[ ]** Exhaust

**Table 7.1**

- **[ ]** Negative pressure
Architectural Requirements

(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

2.2-2.2.8 POSTPARTUM ROOM

2.2-2.2.2.1 Capacity:
(1) New Patient Room:
___ 1 bed per room

(2) Existing Patient Room:
___ maximum room capacity no more than present capacity, with maximum 4 patients in each room

2.2-2.2.2.2 Space Requirements:
(1) patient rooms sized to accommodate needs of clinical services
___ single-bed rooms
___ check if not included in project

2.2-2.2.2.2(2) min. clear floor area 150 sf

2.2-2.2.2.2(2)(a) min. clearance 3'-0" between sides of bed & any wall or any other fixed obstruction

2.2-2.2.2.2(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

2.2-2.11.2.2(2) min. clear floor area 124 sf per bed

130.623(D)/ 2.2-2.2.2.2(2)(a) min. clearance 3'-0" between sides of bed & any wall or any other fixed obstruction

2.2-2.2.2.2(2)(b) min. 4'-0" clearance at foot of bed for passage of beds & equipment

___ check if not included in project

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

130.623(D)/
___ Min. 2 receptacles on all other walls (may be omitted on exterior wall)

2.2-2.2.2.2(2)

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

Bed Size for Determining Clearances:
___ 40" wide by 96" long

___ or specifications of beds to be installed are attached to checklist

Glossary

Bed Size for Determining Clearances:

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, handwashing station, or toilet
### Compliance Checklist: Obstetrical Unit

<table>
<thead>
<tr>
<th><strong>Architectural Requirements</strong></th>
<th><strong>Building Systems Requirements</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2.1-2.2.5</strong> Handwashing Station in Patient Room:</td>
<td></td>
</tr>
<tr>
<td>2.1-2.2.5.1 (1)</td>
<td></td>
</tr>
<tr>
<td>in addition to handw. station in toilet room</td>
<td></td>
</tr>
<tr>
<td>adjacent* to entrance to patient room for use by health care personnel &amp; others</td>
<td></td>
</tr>
<tr>
<td>Multi-Patient Rooms:</td>
<td></td>
</tr>
<tr>
<td>□ check if not included in project</td>
<td></td>
</tr>
<tr>
<td>2.1-2.2.6 (2)</td>
<td></td>
</tr>
<tr>
<td>Patient toilet room</td>
<td></td>
</tr>
<tr>
<td>2.1-2.2.6.2</td>
<td></td>
</tr>
<tr>
<td>serves no more than one patient room</td>
<td></td>
</tr>
<tr>
<td>serves no more than 2 patients</td>
<td></td>
</tr>
<tr>
<td><strong>2.1-2.2.6.3</strong></td>
<td></td>
</tr>
<tr>
<td>(1)</td>
<td></td>
</tr>
<tr>
<td>toilet</td>
<td></td>
</tr>
<tr>
<td>handwashing station</td>
<td></td>
</tr>
<tr>
<td>handwashing sink</td>
<td></td>
</tr>
<tr>
<td>bedpan washer</td>
<td></td>
</tr>
<tr>
<td>(2)</td>
<td></td>
</tr>
<tr>
<td>(3)</td>
<td></td>
</tr>
<tr>
<td>(a)</td>
<td></td>
</tr>
<tr>
<td>check if not included in project</td>
<td></td>
</tr>
<tr>
<td>(only if each patient room has direct access to adjoining shower or bathtub)</td>
<td></td>
</tr>
<tr>
<td>(b)</td>
<td></td>
</tr>
<tr>
<td>each bathtub or shower in individual room or enclosure that provides privacy for bathing, drying &amp; dressing</td>
<td></td>
</tr>
<tr>
<td>at least 1 central bathing facility with shower or bathtub for each 12 beds without such facilities</td>
<td></td>
</tr>
<tr>
<td>(c)</td>
<td></td>
</tr>
<tr>
<td>toilet in separate enclosure</td>
<td></td>
</tr>
<tr>
<td>handwashing sink</td>
<td></td>
</tr>
<tr>
<td>storage for soap &amp; towels</td>
<td></td>
</tr>
<tr>
<td>(3)</td>
<td></td>
</tr>
<tr>
<td>mobile lifts, shower gurney devices, wheelchairs &amp; other portable wheeled equipment are used</td>
<td></td>
</tr>
<tr>
<td>□ check if not included in project</td>
<td></td>
</tr>
<tr>
<td>(a)</td>
<td></td>
</tr>
<tr>
<td>doorways designed to allow entry of portable/mobile mechanical lifts &amp; shower gurney devices</td>
<td></td>
</tr>
<tr>
<td>(b)</td>
<td></td>
</tr>
<tr>
<td>thresholds designed to facilitate use &amp; prevent tipping of wheelchairs &amp; other portable wheeled equipment</td>
<td></td>
</tr>
<tr>
<td>(c)</td>
<td></td>
</tr>
<tr>
<td>patient shower rooms designed to allow entry of portable/mobile mechanical lifts &amp; shower gurney devices</td>
<td></td>
</tr>
<tr>
<td>(d)</td>
<td></td>
</tr>
<tr>
<td>floor drain grates designed to facilitate use &amp; prevent tipping of wheelchairs &amp; other portable wheeled equipment used by patients &amp; staff</td>
<td></td>
</tr>
</tbody>
</table>

**Ventilation:**

| (1) | (2) | (3) |
| Min. 10 air changes per hour | Exhaust | Table 7.1 |

**Negative pressure**
Architectural Requirements

130.619(A) LABOR ROOM
☐ check if not included in project
(only if LDR or LDRP room is provided)

130.619(A)(2) Min. 120 sf per bed

2.1-3.2.1.2 Provisions for patient privacy

2.1-3.2.3.2(5) Handwashing station
  ☐ one hand-washing station for each 4 or fewer patient care stations

Building Systems Requirements

Ventilation:
  ☐ Min. 6 air changes per hour
  ☐ Min. 6 air changes/hour

Power:
  ☐ Min. 8 receptacles in room
  ☐ Min. 4 receptacles
  ☐ Min. 16 receptacles
  ☐ Min. 8 receptacles
  ☐ convenient to head of bed
  ☐ convenient to head of mother's bed

Nurse Call System:
  ☐ Patient station
  ☐ Emergency staff assistance station

Medical Gases:
  ☐ 1 OX, 1 VAC per bed
  ☐ 1 OX, 1 VAC accessible to mother's delivery area & infant resuscitation area

Ventilation:
  ☐ Min. 10 air changes per hour
  ☐ Min. 10 air changes/hour
  ☐ Min. 10 air changes per hour
  ☐ Min. 10 air changes/hour

Exhaust:
  ☐ ☐

Negative pressure:

Table 7.1

Table 2.1-1

Table 2.1-2

Table 2.1-4

2.2-2.11.6.13(3) Adjoining toilet room

2.2-2.11.3 LDR & LDRP ROOMS
☐ check if not included in project

2.2-2.11.3.1 Each LDR or LDRP room for single occupancy

2.2-2.11.3.2 Space Requirements:
  (1) min. clear floor area 340 sf
  ☐ min. clear dimension 13'-0"
  ☐ includes infant stabilization & resuscitation space
  ☐ min. clear floor area at least 40 sf
  ☐ infant stabilization & resuscitation space distinct from mother's area
  (a) additional space to accommodate support person included in LDR or LDRP room

Nurse Call System:
  ☐ Patient station
  ☐ Emergency staff assistance station

Medical Gases*:
  ☐ 1 OX, 1 VAC
  ☐ accessible to mother's delivery area & infant resuscitation area

Ventilation:
  ☐ Min. 6 air changes per hour
  ☐ Min. 10 air changes per hour

2.2-2.11.3.5 Handwashing station

2.2-2.11.3.6 Each LDR or LDRP room has direct access to private toilet room with shower or tub

2.2-2.11.3.9 Special Design Elements:
  (1) finishes selected to facilitate cleaning & to resist strong detergents
  (2) portable examination lights are immediately accessible*

MDPH/DHCFLC 01/18 IP7
<table>
<thead>
<tr>
<th>Architectural Requirements</th>
<th>Building Systems Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2.2-2.11.6 SUPPORT AREAS FOR OBSTETRICAL UNIT</strong></td>
<td></td>
</tr>
<tr>
<td>2.1-2.6.1 Administrative center or nurse station</td>
<td>Nurse Call System: Master station</td>
</tr>
<tr>
<td>2.1-2.6.1.1 (1) space for counters</td>
<td></td>
</tr>
<tr>
<td>2.1-2.6.1.1 (2) at least one handwashing station located in, next to, or directly accessible*</td>
<td></td>
</tr>
<tr>
<td>2.1-2.6.2 Documentation area</td>
<td>Nurse Call System: Duty station</td>
</tr>
<tr>
<td>2.1-2.6.2.1 work surface to support documentation process for number of staff who will use it at same time</td>
<td></td>
</tr>
<tr>
<td>2.2-2.2.6.3 Nurse or supervisor office</td>
<td></td>
</tr>
<tr>
<td>2.1-2.6.4 Multipurpose room</td>
<td></td>
</tr>
<tr>
<td>2.1-2.6.4.1 at least one multipurpose room in facility for staff, patients &amp; patients’ families for patient conferences, reports, education, training sessions &amp; consultation</td>
<td></td>
</tr>
<tr>
<td>2.1-2.6.4.2 accessible to each nursing unit (may serve several nursing units)</td>
<td></td>
</tr>
<tr>
<td>2.1-2.6.6 Medication safety zones</td>
<td></td>
</tr>
<tr>
<td>2.1-2.6.6.1 (2) medication preparation room</td>
<td></td>
</tr>
<tr>
<td>or self-contained medication dispensing unit</td>
<td></td>
</tr>
<tr>
<td>(a) located out of circulation paths to minimize distraction &amp; interruption</td>
<td></td>
</tr>
<tr>
<td>(c) work counters</td>
<td></td>
</tr>
<tr>
<td>(d) task lighting</td>
<td></td>
</tr>
<tr>
<td>(e) meet acoustic design criteria per 1.2-5.1</td>
<td></td>
</tr>
<tr>
<td>2.1-2.6.6.2 (1) medication preparation room</td>
<td></td>
</tr>
<tr>
<td>check if not included in project</td>
<td></td>
</tr>
<tr>
<td>(a) under visual control of nursing staff</td>
<td></td>
</tr>
<tr>
<td>(b) handwashing station</td>
<td></td>
</tr>
<tr>
<td>(c) lockable refrigerator</td>
<td></td>
</tr>
<tr>
<td>(d) locked storage for controlled drugs</td>
<td></td>
</tr>
<tr>
<td>(e) Sharps Containers:</td>
<td></td>
</tr>
<tr>
<td>check if not included in project</td>
<td></td>
</tr>
<tr>
<td>sharps containers placed at height that allows users to see top of container</td>
<td></td>
</tr>
<tr>
<td>(d) space to prepare medicines in addition to any self-contained medicine-dispensing unit</td>
<td></td>
</tr>
<tr>
<td>(e) Ventilation: Min. 4 air changes per hour</td>
<td></td>
</tr>
<tr>
<td>Nurse Call System: Duty station</td>
<td></td>
</tr>
<tr>
<td>Table 7.1</td>
<td></td>
</tr>
<tr>
<td>Table 2.1-2</td>
<td></td>
</tr>
</tbody>
</table>
Architectural Requirements

(2) self-contained medication dispensing units
   □ check if not included in project

(a) located at nurse station, in clean workroom, in an alcove, or inpatient room
   □ lockable unit to secure controlled drugs

(b) handwashing station located next to stationary medication-dispensing units

Mobile Medication-Dispensing Carts:
   □ check if not included in project:
   □ space in patient rooms to accommodate cart

Building Systems Requirements

2.1-2.6.7 Nourishment area or room

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
   □ check if not located in public area

2.1-2.6.9 Clean workroom or clean supply room

2.1-2.6.9.1
(1) clean workroom used for preparing patient care items
   □ work counter
   □ handwashing station
   □ 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:
(1) Min. 4 air changes per hour Table 7.1
(2) Positive pressure

Nurse Call System:
(1) Duty station Table 2.1-2

2.1-2.6.10 Soiled workroom or soiled holding room

2.1-2.6.10.1
(1) handwashing station
(2) flushing-rim clinical service sink with bedpan washer
(3) work counter
(4) space for separate covered containers

Ventilation:
(1) Min. 10 air changes per hour Table 7.1
(2) Exhaust
(3) Negative pressure

Nurse Call System:
(1) Duty station
### Architectural Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1-2.6.10.2</td>
<td>soiled holding room</td>
</tr>
<tr>
<td>(1)</td>
<td></td>
</tr>
<tr>
<td>(a)</td>
<td>handwashing station or hand sanitation station</td>
</tr>
<tr>
<td>(b)</td>
<td>space for separate covered containers</td>
</tr>
<tr>
<td>(3)</td>
<td>toilet with bedpan washer located in each inpatient toilet room</td>
</tr>
<tr>
<td>2.1-2.6.11.1</td>
<td>Clean linen storage</td>
</tr>
<tr>
<td>(1)</td>
<td></td>
</tr>
<tr>
<td>(2)</td>
<td>covered cart distribution system (corridor alcoves may be used)</td>
</tr>
<tr>
<td>(3)</td>
<td></td>
</tr>
<tr>
<td>2.1-2.6.11.3</td>
<td>Storage space for stretchers &amp; wheelchairs</td>
</tr>
<tr>
<td>2.1-2.6.11.4</td>
<td>Emergency equipment storage</td>
</tr>
<tr>
<td>(1)</td>
<td>each nursing unit has at least one emergency equipment storage location</td>
</tr>
<tr>
<td>(2)</td>
<td>under visual observation of staff</td>
</tr>
<tr>
<td>(3)</td>
<td>storage locations in corridors do not infringe on min. required corridor width</td>
</tr>
<tr>
<td>2.1-2.6.12</td>
<td>Environmental services room</td>
</tr>
<tr>
<td>2.1-2.6.12.1</td>
<td>serves one or more than one nursing unit on a floor</td>
</tr>
<tr>
<td>(2)</td>
<td>readily accessible* to unit it serves</td>
</tr>
<tr>
<td>2.1-2.6.12.2</td>
<td>service sink or floor-mounted mop sink</td>
</tr>
<tr>
<td>(2)</td>
<td>provisions for storage of supplies &amp; housekeeping equipment</td>
</tr>
<tr>
<td>(3)</td>
<td>handwashing station or hand sanitation station</td>
</tr>
<tr>
<td>2.2-2.11.6.12</td>
<td>located in obstetrical unit &amp; not shared with other nursing units or departments</td>
</tr>
<tr>
<td>2.2-2.11.6.13</td>
<td>Exam/treatment room or multipurpose diagnostic testing room</td>
</tr>
<tr>
<td>(1)</td>
<td>used for obstetric triage</td>
</tr>
<tr>
<td>(2)</td>
<td>accessible to or located in units where births occur (LDR suite, LDRP suite &amp; Cesarean delivery suite)</td>
</tr>
<tr>
<td></td>
<td>not located in postpartum unit</td>
</tr>
<tr>
<td>(a)</td>
<td>single-bed exam/treatment room</td>
</tr>
<tr>
<td></td>
<td>min. clear floor area 120 sf</td>
</tr>
</tbody>
</table>

### Building Systems Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ventilation:</td>
<td>Min. 10 air changes per hour</td>
</tr>
<tr>
<td>(2)</td>
<td>Exhaust</td>
</tr>
<tr>
<td>(3)</td>
<td>Negative pressure</td>
</tr>
<tr>
<td>2.2-2.11.12</td>
<td>located in obstetrical unit &amp; not shared with other nursing units or departments</td>
</tr>
<tr>
<td>Ventilation:</td>
<td>Min. 10 air changes per hour</td>
</tr>
<tr>
<td>(3)</td>
<td>Exhaust</td>
</tr>
<tr>
<td>2.2-2.11.13</td>
<td>Exam/treatment room or multipurpose diagnostic testing room</td>
</tr>
<tr>
<td>(2)</td>
<td>used for obstetric triage</td>
</tr>
<tr>
<td>(3)</td>
<td>single-bed exam/treatment room</td>
</tr>
<tr>
<td></td>
<td>min. clear floor area 120 sf</td>
</tr>
</tbody>
</table>

Nurse Call System: Patient station
Architectural Requirements

or

- multi-patient diagnostic testing room
  - min. clear floor area 80 sf per patient

2.1-3.2.1.2
- provisions for patient privacy

2.1-3.2.3.2(5)
- handwashing station
  - one handwashing station for each
    4 or fewer patient care stations

(3)
- adjoining toilet room

2.2-2.11.7 SUPPORT AREAS FOR STAFF

2.2-2.11.7.1
- Staff lounge

2.2-2.11.7.2
- Staff storage facilities
  - lockable closets or cabinets for
    personal articles of staff

2.2-2.11.7.3
- Staff toilet room

2.2-2.11.8 SUPPORT AREAS FOR FAMILIES, PATIENTS & VISITORS

2.2-2.11.8.1
- Patient lounge
  - check if not included in project
    (only if all patient rooms are single-bed rooms)

2.2-2.11.9 CESAREAN DELIVERY ROOMS

2.2-2.11.9.1(1)
- Min. 1 Cesarean Delivery Room in obstetrical unit

2.2-2.11.9.2(1)
- Space Requirements:
  - min. clear floor area 440 sf
  - min. clear dimension 16'-0"

2.1-7.2.3.1(6)(c)
- Monolithic floor with integral coved 6" high wall base

Building Systems Requirements

- Emergency staff assistance station

Medical Gases:
- 1 OX, 1 VAC per stretcher

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

Nurse Call System:
- Duty station

Table 2.1-2

Table 7.1

Table 4/7.4.1

Table 7.1
Architectural Requirements

<table>
<thead>
<tr>
<th>Building Systems Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>— Space ventilation &amp; pressure relationship requirements of Table 7.1 maintained in event of loss of normal electrical power</td>
</tr>
<tr>
<td>Lighting:</td>
</tr>
<tr>
<td>— General lighting in addition to special lighting units provided at obstetrical table</td>
</tr>
<tr>
<td>— General lighting &amp; special lighting on separate circuits</td>
</tr>
</tbody>
</table>

Power:

| — Min. 30 receptacles total |
| — Min. 16 receptacles convenient to C-section table |
| — Functional source of emergency electrical power |

Nurse call system:

| — Emergency staff assistance station |

Medical gases:

| — 2 OX, 4 VAC, 1 MA, 1 WAGD |

(1) Infant resuscitation space included
—or

(2) Infant resuscitation space in separate room

— immediately accessible* |
— min. clear floor area 150 sf |

2.2-2.11.10  SUPPORT AREAS FOR CESAREAN DELIVERY SUITE

2.2-2.11.10.2 Support Areas Solely for Cesarean Delivery Suite:

— control/nurse station located to restrict unauthorized traffic into suite

2.1-2.6.10

— Soiled workroom or soiled holding room

2.1-2.6.10.1

— soiled workroom

(1) handwashing station |
— flushing-rim clinical service sink |
— with bedpan washer |
— work counter |

(2) space for separate covered containers

(3) |

or

2.1-2.6.10.2 |

(a) handwashing station or hand sanitation station |

(b) space for separate covered containers |

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

2.2-2.11.10.2(3) Fluid waste disposal
Architectural Requirements

2.2-2.11.10.3  Support Areas Located in Cesarean Delivery Suite or Shared with Surgical Suite:

(1)  ___ Supervisor office or station

(2)  ___ Hand scrub facilities

2.1-3.3.2  ___ one hand scrub station consisting of two scrub positions may serve two C-section rooms if located next to the entrance of each C-section room

2.1-3.3.3  ___ placement of scrub station does not restrict minimum required corridor width

2.1-8.4.3.6  Scrub Sinks:

(1)  ___ freestanding scrub sinks trimmed with foot, knee, or electronic sensor controls

2.1-2.6.6  ___ Medication safety zones

2.1-2.6.6.1  ___ medication preparation room

(2)  or

___ 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  ___ medication preparation room

(1)  check if not included in project

(a)  ___ under visual control of nursing staff

(b)  ___ handwashing station

(c)  ___ lockable refrigerator

(d)  ___ locked storage for controlled drugs

(c)  ___ 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

(e)  ___ sterile preparations compounding

(2)  check if not included in project

___ room design complies with USP 797

Ventilation:

___ Min. 4 air changes per hour  Table 7.1

Nurse Call System:

___ Duty station  Table 2.1-2

Building Systems Requirements

2.1-2.6.6.2  Sharps Containers:

___ check if not included in project

___ sharps containers placed at height that allows users to see top of container

___ self-contained medication dispensing units

___ check if not included in project

___ located at nurse station, in clean workroom, in an alcove, or inpatient room

___ lockable unit to secure controlled drugs
<table>
<thead>
<tr>
<th>Architectural Requirements</th>
<th>Building Systems Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>(b) handwashing station located next to stationary medication-dispensing units Mobile Medication-Dispensing Carts:</td>
<td></td>
</tr>
<tr>
<td>(b) check if not included in project:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(b) space in patient rooms to accommodate cart</td>
</tr>
</tbody>
</table>

2.2-2.11.10.3(4) Clean workroom or clean supply room

(a) 
- ____ clean workroom
- ____ work counter
- ____ handwashing station
- ____ space for storage of supplies

(b) or
- ____ 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

Nurse Call System:
- ____ Duty station

2.2-2.11.10.3(5) Clean sterile storage

(a) area readily available to delivery room

2.2-3.3.6.11(3) Medical gas storage located outside or inside facility per NFPA 99

2.2-2.11.10.3(5)(c) Area for storing stretchers

- ____ out of path of normal traffic

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
- ____ readily accessible* to unit it serves

2.1-2.6.12.2 
- ____ service sink or floor-mounted mop sink
- ____ provisions for storage of supplies & housekeeping equipment
- ____ handwashing station or hand sanitation station

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

2.2-2.11.10.3(7) Sterile processing room

2.2-3.3.6.13 check if not included in project (only if sterilization processes are not conducted in obstetrical suite)

(1)(a) 
- ____ consists of decontamination area & clean work area

(1)(c) 
- ____ provides one-way traffic pattern of contaminated materials/instruments to clean materials/instruments to sterilizer equipment
- ____ entrance to contaminated side of sterile processing room from semi-restricted area
- ____ exit from clean side of sterile processing room to semi-restricted area or to OR
Architectural Requirements

(2)  decontamination area
      (a)  countertop
      (b)  handwashing station
      (c)  separate from instrument-washing sink
      (d)  decontamination sink for washing instruments
      (e)  storage for supplies

(b)  decontamination sink separated from clean work area by 4'-0" foot distance from edge of sink
     or
     decontamination sink separated from clean work area by wall or screen that extends min. 4'-0" above sink

(3)  Clean work area
      (a)  countertop
      (b)  space for sterilizing equipment
      (c)  handwashing station
      (d)  built-in storage for supplies

Ventilation:
      (a)  Min. 4 air changes/hour
      (b)  Positive pressure
      (c)  No recirculating room unit

Nurse Call System:
      (a)  Duty station

Building Systems Requirements

Ventilation:
      (a)  Min. 6 air changes/hour
      (b)  Exhaust
      (c)  Negative pressure
      (d)  No recirculating room unit

Nurse Call System:
      (a)  Duty station

2.2-2.11.11  SUPPORT AREAS FOR STAFF
            (may be shared with surgical facilities)

2.2-2.11.11.1  Lounge & toilet facilities for obstetrical staff immediately accessible* to labor, delivery & recovery areas

2.2-2.11.11.2  Staff changing area

(2)  (a)  lockers
      (b)  showers
      (c)  toilets
      (d)  handwashing stations
      (e)  space for donning & disposing of scrub suits & booties

2.2-2.11.11.3  Support person changing areas (male & female)

(1)  immediately accessible* to obstetrical suite
(2)  (a)  lockers
      (b)  showers
      (c)  toilets
      (d)  handwashing stations
      (e)  space for donning & disposing of scrub suits & booties

2.2-2.11.11.4  Staff Accommodations:

(1)  on-call room (may be located elsewhere in facility)
### Architectural Requirements

2.2-2.11.12 SUPPORT AREAS FOR FAMILIES, PATIENTS & VISITORS (may be shared with surgical facilities)

- **Waiting room**
  - immediately accessible* to cesarean delivery suite
- **Toilet room**
- **Handwashing station**
- **Telephones**
- **Provisions for drinking water**

2.2-2.11.13 RECOVERY SPACE FOR CESAREAN DELIVERY SUITE

- **Min. 2 recovery spaces**
  - min. clear floor area 80 sf for each bed
  - space for additional equipment
  - Recovery in LDR or LDRP rooms
  - located in or directly accessible* to cesarean delivery suite

2.2-2.11.14 SUPPORT AREAS FOR RECOVERY ROOMS

- **Nurse station & documentation**
  - located to permit visual observation of all beds
- **Handwashing station**
- **Medication safety zone**

2.1-2.6.6.1 (a) located out of circulation paths to minimize distraction & interruption

- **Work counters**
- **Task lighting**
- **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
- under visual control of nursing staff
- work counter
- handwashing station
- lockable refrigerator
- locked storage for controlled drugs

- **Sharps Containers:**
  - check if not included in project
  - sharps containers placed at height that allows users to see top of container

- **Space to prepare medicines in addition to any self-contained medicine-dispensing unit**

### Building Systems Requirements

- **Ventilation:**
  - Min. 4 air changes per hour Table 7.1
- **Nurse Call System:**
  - Duty station Table 2.1-2
Compliance Checklist: Obstetrical Unit
Page 16 of 20

Architectural Requirements

(2)  
- self-contained medication dispensing units
  - check if not included in project

(a)  
- located at nurse station, in clean workroom, in an alcove, or inpatient room
- lockable unit to secure controlled drugs

(b)  
- handwashing station located next to stationary medication-dispensing units

Mobile Medication-Dispensing Carts:
- check if not included in project:
  - space in patient rooms to accommodate cart

Building Systems Requirements

2.2-2.11.14.4  
- Equipment & supply storage

2.2-2.11.14.5  
- Clinical sink with bedpan washer available

Architectural Details & MEP Requirements

2.1-7.2.2  
**ARCHITECTURAL DETAILS**

2.1-7.2.2.1  
**NFPA 101**

- Aisles, corridors & ramps required for exit access in a hospital not less than 8'-0" in clear & unobstructed width

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

- Aisles, corridors & ramps in adjunct areas not intended for the housing, treatment, or use of inpatients not less than 44" in clear width

2.1-7.2.2.2  
**CEILING HEIGHT:**

(1)  
- Min. ceiling height 7'-6" in corridors & normally unoccupied spaces

(2)  
- Min. height 7'-0" in procedure & delivery rooms from floor to lowest protruding element of equipment or fixture in stowed position

(4)  
- Min. height 7'-6" above floor of suspended tracks, rails & pipes located in traffic path for patients in beds and/or on stretchers

- Min. ceiling height 7'-10" in other areas

2.1-7.2.2.3  
**DOORS & DOOR HARDWARE:**

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

(b)  
- Sliding doors
  - check if not included in project
  - manual or automatic sliding doors comply with NFPA 101
  - code review sheet attached
  - no floor tracks

(2)  
- Min. 45.5" clear door width for patient rooms & diagnostic/treatment areas

(b)  
- Swinging doors for personnel use in addition to sliding doors
  - check if not included in project

(3)  
- Min. clear width 34.5"

(4)(b)  
- Lever hardware

(5)  
- Doors for patient bathing/toilet facilities

(a)  
- 2 doors separated by horizontal distance equal to one-half length of max. diagonal room dimension
  - or
  - door that swings outward
  - or
  - door equipped with emergency rescue hardware
  - or

(b)  
- sliding door
Compliance Checklist: Obstetrical Unit  

2.1-7.2.2.5 WINDOWS IN PATIENT ROOMS:
(1) Natural light by means of window to outside
(3) Min. net glazed area no less than 8% of floor area of room served
(a) Operable windows check if not included in project
(2) operation limited with either stop limit/restrictor hardware or open guard/screen

2.1-7.2.2.6 INSECT SCREENS

2.1-7.2.2.7 GLAZING MATERIALS:
(2) Safety glass-tempered or plastic glazing materials used for shower doors & bath enclosures
    check if not included in project
(4) Glazing within 18" of floor check if not included in project
    safety glass, wire glass or plastic break-resistant material

2.1-7.2.2.8 HANDWASHING STATIONS:
(1) Handw. stations in patient care areas located to be visible & unobstructed
(3) anchoring suitable for vertical or horizontal force of 250 lbs.
(4) Handwashing Station Countertops:
    check if not included in project
    porcelain, stainless steel or solid surface materials
    plastic laminate countertops check if not included in project
    substrate marine-grade plywood (or equivalent) with impervious seal
(5) Designed to prevent storage beneath sink
(6) provisions for drying hands
(a) hand-drying device does not require hands to contact dispenser directly accessible* to sinks
(d) Liquid or foam soap dispensers

2.1-7.2.2.9 GRAB BARS:
(2) Grab bars anchored to sustain concentrated load of 250 lbs.
(3) Bariatric design

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) Smooth non-textured surface free of rough edges
(5) Eased edges & corners
(6) Finishes cleanable

2.1-7.2.2.12 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 or delivery suites
(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 check if not included in project
    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:
    check if not included in project
    do not create ledges or crevices
(a) cleanable with routine housekeeping equipment acoustic & lay-in ceilings
(b) check if not included in project

MDPH/DHCFLC 01/18 IP7
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:
   [ ] check if not included in project
   Bottom min. 3'-0" above roof level

4/6.4 Filtration:
4/6.4.1 Filter Bank #1 placed upstream of heating & cooling coils
4/6.4.2 Filter Bank No. 2 installed downstream of cooling coils & supply fan

4/6.5 Heating & Cooling Systems:
4/6.5.3 no radiators or convectors in special care areas

4/6.7 Air Distribution Systems:
4/6.7.1 Ducted return or exhaust systems in spaces listed in Table 7.1 with required pressure relationships
   Ducted return or exhaust systems in recovery rooms
   Ducted return or exhaust systems in inpatient care areas

4/6.7.3 Smoke & Fire barriers:
   HVAC zones coordinated with compartmentation to minimize ductwork penetrations of fire & smoke barriers

4/6.8 Energy Recovery Systems:
4/6.8.2 Exhaust systems serving potentially contaminated rooms are not used for energy recovery

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

4/7 Space Ventilation:
4/7.1 Spaces ventilated per Table 7.1
   Air movement from clean areas to less clean areas
   Min. number of total air changes indicated either supplied for positive pressure rooms or exhausted for negative pressure rooms

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

1 Room routinely used for administering inhalation anesthesia & inhalation analgesia
   [ ] check if not included in project
2 [ ] anesthesia scavenging system
   [ ] gas-collecting system arranged so as not to disturb patients respiratory systems
   gases from scavenging system exhausted directly to outside

2.1-8.3 ELECTRICAL SYSTEMS

2.1-8.3.2 ELECTRICAL DISTRIBUTION & TRANSMISSION

2.1-8.3.2.1 Switchboards Locations:
1(a) Located in areas separate from piping & plumbing equipment
1(b) Not located in rooms they support
1(c) Accessible to authorized persons only
2 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**

(1) Emergency power per NFPA 99, NFPA 101 & NFPA 110

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:

(a) **general lighting**

(b) **reading light for each patient**

(c) **controls accessible to patient in bed**

(d) **light source covered by diffuser or lens**

(e) **flexible light arms**

(f) **night lighting**

(g) **switch in patient room**

(h) **lights path from room entrance to bed**

(i) **lights path from bed to toilet**

(2) Nursing Unit Corridors:

(a) **general illumination with reduced light levels at night**

2.1-8.3.5 **ELECTRICAL EQUIPMENT**

2.1-8.3.5.2 Required handwashing station or scrub sink tied to building electrical service

(1) Emergency power per NFPA 99, NFPA 101 & NFPA 110

2.1-8.3.6 **ELECTRICAL RECEPTACLES**

2.1-8.3.6.1 Receptacles in Corridors:

(a) **duplex grounded receptacles**

(b) **installed approx. 50'-0" apart**

(c) **duplex grounded receptacles**

(d) **installed approx. within 25'-0" of corridor ends**

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:

(1) distinctively colored or marked for identification

2.1-8.3.7 **CALL SYSTEMS**

(1) Nurse call equipment legend 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

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

(4) Call systems meet requirements of UL 1069 Standard for Hospital Signaling & Nurse Call Equipment

(5) Wireless system check if not included in project meet requirements of UL 1069

2.1-8.3.7.2 Patient Call Stations:

(1) each patient sleeping bed provided with patient call station equipped for two-way voice communication

(2) **visible signal once call station has been activated**

(a) **reset switch for canceling call**

(b) **visible signal in corridor at patient room door**

(c) **additional visible signals 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**

(4) **call stations in diagnostic & treatment areas per Table 2.1-2**

2.1-8.3.7.3 Bath Stations:

(1) **alarm turned off only at bath station where it was initiated**

(2) **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**

(3) **located to side of toilets within 12" of front of toilet bowl & 3'-0" to 4'-0" above floor accessible to both toilet & shower**

2.1-8.3.7.4 Staff emergency stations for summoning local staff assistance for non-life-threatening situations at each patient care location

2.1-8.3.7.5 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) non-recirculated fixture branch piping does not exceed 25'-0" in length
(4) no dead-end piping
(5) water-heating system has supply capacity at minimum temperatures & amounts indicated in Table 2.1-3

2.1-8.4.2.6 Drainage Systems:
(1) drainage piping above ceiling of, or exposed in delivery rooms or electric closets
(2) special provisions to protect space below from leakage & condensation

2.1-8.4.3 PLUMBING FIXTURES

2.1-8.4.3.1(1) Materials material used for plumbing fixtures non-absorptive & acid resistant

2.1-8.4.3.2 Handwashing Station Sinks:
(1) basins reduce risk of splashing to areas where direct patient care is provided, sterile procedures are performed & medications are prepared
(2) 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 minimum 10" 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

2.1-8.4.4 MEDICAL GAS & VACUUM SYSTEMS

(1) Station outlets provided as indicated in Table 2.1-4

2.1-8.4.4.2(2) Vacuum discharge at least 25'-0" from all outside air intakes, doors & operable windows

2.1-8.6.2 ELECTRONIC SURVEILLANCE SYSTEMS

(1) Devices in patient areas mounted in unobtrusive & tamper-resistant enclosures

2.1-8.6.2.1 Monitoring devices not readily observable by general public or patients

2.1-8.6.2.2 Receive power from emergency electrical system