COMPLIANCE CHECKLIST

IP8 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 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 IP8
Architectural Requirements

2.2-2.9

**OBSTETRICAL UNIT**

2.1-1.2.3 Shared Services:

☐ No combined functions unless specifically allowed in this checklist

2.2-2.9.1.1 Location:

☐ obstetrical unit designed & located to prohibit nonrelated traffic through unit

☐ secured with controlled access

2.2-2.9.1.2 Newborn nursery is provided in obstetrical unit

☐ Compliance Checklist IP9 is submitted

2.2-2.9.2 **ANTEPARTUM & POSTPARTUM UNIT**

2.2-2.9.2.1 **ANTEPARTUM ROOM**

☐ check if not included in project

2.2-2.2.2.1 Capacity:

(1) maximum number of beds per room is one bed

(2) or 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

2.2-2.2.2.2 Space Requirements:

(1)(a) single-patient rooms

☐ check if not included in project

☐ min. clear floor area 120 sf

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

☐ min. clearance 3'-0" between foot of bed & any wall or any other fixed obstruction

(1)(b) multiple-patient rooms

☐ check if not included in project

☐ min. clear floor area 100 sf per bed

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

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 patient bed

☐ controls accessible to patients in bed

☐ Night-light located in each patient room

☐ no central control of night-lights outside room

☐ night-light illuminates path from room entrance to bedside

☐ night-light illuminates path between bed & toilet room

Power:

☐ Min. 12 receptacles in total Table 2.1-1

☐ Min. 2 receptacles at each side of the head of the bed
Architectural Requirements

2.2-2.2.2.3 Windows in Patient Rooms:
   (2) min. clearance 4'-0" at foot of each bed to permit passage of equipment & beds

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

2.1-7.2.2.6 insect screens

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

2.1-7.2.2.5(3)(b) max. 36" windowsill height above finished floor

Building Systems Requirements

2.1-2.2.4 Patient Privacy:
   ___ provisions are made to address patient visual & speech privacy

2.1-2.5 Handwashing Station in Patient Room:
   (1) provided in patient room in addition to that in toilet room
   (2) adjacent* to entrance to patient room for use by health care personnel & others

Multiple-Patient Rooms:
   ☐ check if not included in project
   ___ handwashing station located outside patients cubicle curtains

2.1-2.6 Patient toilet room
   (1) in patient care units patient toilet room serve no more than one patient room

2.1-2.6.3 (1) toilet
   (2) handwashing station
   (3) bedpan washer

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

2.2-2.2.7 Patient Bathing Facilities:
   (1)(a) located in toilet room directly accessible from each patient room
   or
   (1)(b) located in central bathing facility

Medical Gases:
   ___ 1 OX, 1 VAC per bed

Nurse Call System:
   ___ Patient station
   ___ Staff assistance station
   ___ Emergency call station

Table 2.1-2
Table 2.1-3
Table 7.1

MPDH/DHCFLC 12/18 IP8
Architectural Requirements

(2) Central Bathing Facilities:
☐ check if not included in project

(a) each bathtub or shower in individual
    room or enclosure that provides
    privacy for bathing drying & dressing

(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 & wheelchairs (may be shared with multiple patient care units located on separate floors)

(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 & towels in or directly accessible to each central bathing facility

(3) Mobile Lifts, Shower Gurney Devices & Wheelchair Access:

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

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

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

(d) floor drain grates be designed to facilitate use & prevent tipping of wheelchairs & other portable wheeled equipment

Building Systems Requirements

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

Nurse Call System:
☐ Bath station Table 2.1-2

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

Nurse Call System:
☐ Bath station Table 2.1-2

Patient Storage:

2.2-2.2.2.8 separate wardrobe, locker, or closet suitable for garments & for storing personal effects

2.1-2.2.8
## Architectural Requirements

### POSTPARTUM ROOM

- **Capacity:**
  - (1) maximum number of beds per room is one bed
  - (2) or 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

### Space Requirements:

- **single-patient rooms**
  - check if not included in project
  - min. clear floor area 150 sf

### Ventilation:

- Min. 4 air changes per hour

### Lighting:

- General lighting
  - Reading light for each patient bed
  - controls accessible to patients in bed
- Night-light located in each patient room
  - no central control of night-lights outside room

### Power:

- Min. 12 receptacles in total
  - 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
- Staff assistance station
- Emergency call station

### Medical Gases:

- 1 OX, 1 VAC per bed

### Insect Screens

- Window operation is limited with either stop limit/restrictor hardware or open guard/screen
- Prevents passage of 4-inch diameter sphere through opening

## Building Systems Requirements

### Architectural Requirements

### POSTPARTUM ROOM

- check if not included in project

### Space Requirements:

- single-patient rooms
  - check if not included in project
  - min. clear floor area 150 sf

### Ventilation:

- Min. 4 air changes per hour

### Lighting:

- General lighting
  - Reading light for each patient bed
  - controls accessible to patients in bed
- Night-light located in each patient room
  - no central control of night-lights outside room

### Power:

- Min. 12 receptacles in total
  - 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
- Staff assistance station
- Emergency call station

### Medical Gases:

- 1 OX, 1 VAC per bed

### Insect Screens

- Window operation is limited with either stop limit/restrictor hardware or open guard/screen
- Prevents passage of 4-inch diameter sphere through opening

### Windows in Patient Rooms:

- each patient room provided with natural light by means of window to outside
- 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

- 2.1-7.2.5(3)
Compliance Checklist: Obstetrical Unit

Architectural Requirements

(a) ___ min. net glazed area be no less than 8% of required min. clear floor area
(b) ___ max. 36” windowsill height above finished floor

Building Systems Requirements

2.2-2.2.4 Patient Privacy:

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

2.1-2.2.5 Handwashing Station in Patient Room:

2.1-2.2.5.1 ___ provided in patient room in addition to that in toilet room
(1) ___ adjacent* to entrance to patient room for use by health care personnel & others

Multiple-Patient Rooms:
☐ check if not included in project
(2) ___ handwashing station located outside patients cubicle curtains

2.1-2.2.6 ___ Patient toilet room
2.1-2.2.6.2 ___ in patient care units patient toilet room serve no more than one patient room

2.1-2.2.6.3 (1) ___ toilet
(2) ___ handwashing station
(3) ___ bedpan washer

Ventilation:

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

Nurse Call System:

___ Bath station Table 2.1-2

2.2-2.2.7 Patient Bathing Facilities:

(1)(a) ___ located in toilet room directly accessible from each patient room
   or
(1)(b) ___ located in central bathing facility

(2) Central Bathing Facilities:
☐ check if not included in project

(a) ___ each bathtub or shower in individual room or enclosure that provides privacy for bathing drying & dressing
(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 & wheelchairs (may be shared with multiple patient care units located on separate floors)

Ventilation:

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

Nurse Call System:

___ Bath station Table 2.1-2
Architectural Requirements

(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 & towels in or directly accessible to each central bathing facility

(3) Mobile Lifts, Shower Gurney Devices & Wheelchair Access:
(a) __ doorways designed to allow entry of portable/mobile mechanical lifts & shower gurney devices
(b) __ thresholds designed to facilitate use & prevent tipping of wheelchairs & other portable wheeled equipment
(c) __ patient shower rooms designed to allow entry of portable/mobile mechanical lifts & shower gurney devices
(d) __ floor drain grates be designed to facilitate use & prevent tipping of wheelchairs & other portable wheeled equipment

Building Systems Requirements

Ventilation:
__ Min. 10 air changes per hour Table 7.1
__ Exhaust
__ Negative pressure
__ No recirculating room units
Nurse Call System:
__ Bath station Table 2.1-2

Power:
__ Min. 16 receptacles in total Table 2.1-1
__ Min. 8 receptacles convenient to head of labor bed

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

2.2-2.2.2.8

Labor Rooms
☐ check if not included in project (only if LDR rooms or LDRP rooms are provided)

(2) __ Min. 120 sf per bed in labor rooms

Ventilation:
__ Min. 6 air changes per hour Table 7.1

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

Medical Gases:
__ 1 OX, 1 VAC per bed Table 2.1-3
Architectural Requirements

2.2-2.9.3 LDR ROOMS (Labor Delivery Recovery)
☐ check if not included in project

2.2-2.9.1.1(2)
(a) ___ separate LDR/LDRP suite
(b) ___ cesarean delivery suite
(c) ___ postpartum unit

2.2-2.9.3.1 Capacity:
___ each LDR room single occupancy

2.2-2.9.3.2 Space Requirements:
(1) ___ min. clear floor area 325 sf
___ min. wall width at head of bed 13'-0"
___ clear floor area includes distinct infant stabilization & resuscitation space with min. clear floor area of at least 40 sf

(b) ___ additional space for infant crib
___ additional space for any reclining chair for support person

(2)(a) ___ min. clearance 6'-0" from foot of bed to wall or fixed obstruction
(2)(b) ___ min. clearance 5'-0" on transfer side of bed to wall or fixed obstruction
(2)(c) ___ min. clearance 4'-0" on non-transfer side of bed to wall or fixed obstruction

2.2-2.9.3.3(1) ___ room clear floor area includes distinct infant stabilization & resuscitation space with min. clear floor area of at least 40 sf

Building Systems Requirements

Location:

Ventilation:
___ Min. 6 air changes per hour Table 7.1

Lighting:
___ General lighting in addition to special lighting units provided at obstetrical bed 2.1-8.3.4.3(4)

(a)

Power:
___ Min. 16 receptacles in total
___ Min. 8 receptacles convenient to head of mother's bed
___ Min. 4 receptacles convenient to bassinet with one on each wall Table 2.1-1

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

Medical Gases: 2.1-8.3.4.3(4)
___ 1 OX, 1 VAC per bed Table 2.1-3

Medical Gases:
___ 1 OX, 3 VAC, 3 MA per bassinet Table 2.1-3

Window:

☐ check if not included in project

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(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

Patient Privacy:

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

Handwashing station 2.2-2.9.3.5

Direct access to private toilet room with shower or tub 2.2-2.9.3.6
Architectural Requirements

2.2-2.9.3.9 Special Design Elements:
(1) finishes selected to facilitate cleaning & to withstand strong detergents
(2) fixed examination lights
   or portable examination lights
   ___ immediately accessible*

2.2-2.9.3 LDRP ROOMS
(Labor Delivery Recovery Postpartum)
☐ check if not included in project

2.2-2.9.1.1(2) Location:
(a) separate LDR/LDRP suite
   or cesarean delivery suite
   or postpartum unit

2.2-2.9.3.1 Capacity:
___ each LDRP room single occupancy

2.2-2.9.3.2 Space Requirements:
(1) min. clear floor area 325 sf
    min. wall width at head of bed 13'-0"
    clear floor area includes distinct infant stabilization & resuscitation space with min. clear floor area of at least 40 sf
(b) additional space for infant crib & additional space for any reclining chair for support person
(2)(a) min. clearance 6'-0" from foot of bed to wall or fixed obstruction
(2)(b) min. clearance 5'-0" on transfer side of bed to wall or fixed obstruction
(2)(c) min. clearance 4'-0" on non-transfer side of bed to wall or fixed obstruction

Building Systems Requirements

Ventilation:
___ Min. 6 air changes per hour

Lighting:
_____ General lighting in addition to special lighting units provided at obstetrical bed

Reading light
   ___ controls accessible to patient without patient having to get out of bed

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

Night-light illuminates path from room entrance to bedside
___ light-light illuminates path between bed & toilet room

Power:
___ Min. 16 receptacles in total
___ Min. 8 receptacles convenient to head of mother's bed
___ Min. 4 receptacles convenient to each bassinet with one on each wall

Nurse Call System:
___ Patient station
___ Staff assistance station
___ Emergency call station

Medical Gases:
___ 1 OX, 1 VAC per bed
Architectural Requirements

2.2-2.9.3.2(1)  Distinct infant stabilization & resuscitation space with min. clear floor area min. 40 sf included in room clear floor area

2.2-2.9.3.3  Window:
2.1-7.2.2.5(1)  each patient room provided with natural light by means of window to outside
(a)  min. net glazed area be no less than 8% of required min. clear floor area
(b)  max. 36” windowsill height above finished floor

2.2-2.9.3.4  Patient Privacy:
2.1-2.1.2  provisions are made to address patient visual & speech privacy

2.2-2.9.3.5  Handwashing station

2.2-2.9.3.6  Direct access to private toilet room with shower or tub

2.2-2.9.3.9  Special Design Elements:
(1)  finishes selected to facilitate cleaning & to withstand strong detergents
(2)  fixed examination lights
     or
     portable examination lights
     immediately accessible*

2.2-2.9.8  SUPPORT AREAS FOR OBSTETRICAL UNIT

2.2-2.9.8.1  General support areas in this section provided for obstetrical unit

2.2-2.9.8.2  Nurse station
2.1-2.8.2  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*

2.2-2.9.8.3  Documentation area
2.1-2.8.3.1  work surface to support documentation process

2.2-2.9.8.4  Nurse office

Building Systems Requirements

Medical Gases:
1 OX, 3 VAC, 3 MA per bassinet

Table 2.1-3

Nurse Call System:
Duty station (light/sound signal) 2.1-8.5.1.2(3)(b)
### Architectural Requirements

#### 2.2-2.9.8.8
- **Design Promoting Safe Medication Use:**
  - (a) _medication safety zones located out of circulation paths_
  - (b) _work space designed so that staff can access information & perform required tasks_
  - (c) _work counters provide space to perform required tasks_
  - (d) _medication safety zones located out of circulation paths_
  - (e) _work space designed so that staff can access information & perform required tasks_
  - (f) _work counters provide space to perform required tasks_

#### 2.1-2.8.8.1(2)
- (a) _medication safety zones located out of circulation paths_
- (b) _work space designed so that staff can access information & perform required tasks_
- (c) _work counters provide space to perform required tasks_
- (d) _medication safety zones located out of circulation paths_
- (e) _work space designed so that staff can access information & perform required tasks_
- (f) _work counters provide space to perform required tasks_

### Building Systems Requirements

#### Lighting:
- **Task-specific lighting level min. 100 foot-candles**
- **Task lighting**
  - 2.1-2.8.8.1(2)(d)

#### Ventilation:
- **Min. 4 air changes per hour**
  - Table 7.1
- **Min. 4 air changes per hour**
  - Table 7.1
- **Task lighting**
  - 2.1-2.8.8.1(2)(d)

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

#### 2.2-2.9.8.9
- **Nourishment area or room**
  - (a) _handwashing station_
  - (b) _work counter_
  - (c) _refrigerator_
  - (d) _microwave_
  - (e) _storage cabinets_
  - (f) _space for temporary storage of food & service implements_
  - (g) _provisions & space are included for separate temporary storage of unused & soiled meal trays_

#### 2.1-2.8.9.2
- **Handwashing station**
  - (a) _located at nurse station, in clean workroom or in alcove_
  - (b) _handwashing station located next to stationary medication-dispensing units or stations_

#### Nurse Call System:
- **Duty station (light/sound signal)**
  - 2.1-8.5.1.2(3)(b)
### Architectural Requirements

| 2.2-2.9.8.11 | Clean workroom or clean supply room  
| 2.1-2.8.11.2 |   
| (1) | __ clean workroom  
| (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  

### Building Systems Requirements

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

#### Nurse Call System:
- **Duty station (light/sound signal)**

| 2.2-2.9.8.12 | Soiled workroom or soiled holding room  
| 2.1-2.8.12.2 |   
| (1)(a) | __ handwashing station  
| (1)(b) | __ flushing-rim clinical service sink with bedpan-rinsing device or equivalent flushing-rim fixture  
| (1)(c) | __ work counter  
| (1)(d) | __ space for separate covered containers for waste & soiled linen  
| (2) | __ fluid management system is used  
| (a) | □ check if not included in project  
| (b) | __ space for docking station  
| or |   
| 2.1-2.8.12.3 | soiled holding room  
| (1) | __ handwashing station or hand sanitation station  
| (2) | __ space for separate covered containers for waste & soiled linen  

#### Ventilation:
- **Min. 10 air changes per hour**
- **Exhaust**
- **Negative pressure**
- **No recirculating room units**

#### Nurse Call System:
- **Duty station (light/sound signal)**

| 2.2-2.9.8.13(1) | Clean linen storage  
| 2.1-2.8.13.1(1) |   
| or |   
| __ stored in clean workroom  
| or |   
| __ separate closet  
| or |   
| __ covered cart distribution system on each floor  
| 2.1-2.8.13.1(2) | storage of clean linen carts in designated corridor alcoves, clean workroom or closets

| 2.2-2.9.8.13(2) | Equipment storage area  
|   | __ provided on patient floor  
| (a) | __ min. 10 sf per postpartum room  
| (b) | + 20 sf per LDR or LDRP room  
|   | __ in addition to any storage in patient rooms
**Architectural Requirements**

2.2-2.9.8.13(3)  ___ Storage space for gurneys & wheelchairs

2.2-2.9.8.13(4)  ___ Emergency equipment storage

2.1-2.8.13.4
(1)  ___ each patient care unit has at least one emergency equipment storage location
(2)  ___ provided under visual observation of staff
(3)  ___ storage locations in corridors do not encroach on minimum required corridor width

2.2-2.9.8.14  ___ Environmental services room
(2)  ___ located in obstetrical unit & not shared w/ other patient care units or departments

2.1-2.8.14.2
(1)  ___ service sink or floor-mounted mop sink
(2)  ___ provisions for storage of supplies & housekeeping equipment
(3)  ___ handwashing station
     or
     ___ hand sanitation station

2.2-2.9.8.15  ___ Examination/treatment room and/or multipurpose diagnostic testing room
(1)  ___ used for obstetric triage
     ___ immediately accessible* to units where births occur (LDR LDRP & Cesarean Delivery Rooms)
     ___ not located in postpartum unit

(2)  ___ Space Requirements:
     (a)  ___ Single-patient Examination/treatment room
          ___ min. clear floor area 120 sf
          or
          ___ multi-patient diagnostic testing room
          ___ min. clear floor area 80 sf per patient

     (b)  ___ Patient toilet room
          ___ directly accessible from exam/treatment room or multipurpose diagnostic testing room

2.2-2.9.9  SUPPORT AREAS FOR STAFF

2.2-2.9.9.1  ___ Staff lounge
2.1-2.9.1  ___ min. 100 sf

2.2-2.9.9.2  ___ 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

2.2-2.9.9  SUPPORT AREAS FOR STAFF

2.2-2.9.9.1  ___ Staff lounge
2.1-2.9.1  ___ min. 100 sf

2.2-2.9.9.2  ___ 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

**Building Systems Requirements**

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

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

Power:
- ___ Min. 8 receptacles in total  Table 2.1-1

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

Medical Gases:
- ___ 1 OX, 1 VAC per patient  Table 2.1-3

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

2.2-2.9.9.3
___ Staff storage facilities
2.1-2.9.3.1
___ securable closets or cabinet compartments for personal staff articles
___ located in or near nurse station

2.2-2.9.10
SUPPORT AREAS FOR FAMILIES, PATIENTS & VISITORS
2.1-2.10.1
___ Family & visitor lounge
___ each patient care unit provides access to lounge for family & visitors

2.1-2.10.1.1
Size:
(1) ___ accommodates at minimum 3 chairs & 1 wheelchair space
(2) ___ accommodates at least 1 person for every 4 antepartum & postpartum beds in unit

2.1-2.10.1.2
___ immediately accessible* to patient care units served (permitted to serve more than one patient care unit)

2.1-2.10.1.4
___ designed to minimize impact of noise & activity on patient rooms & staff functions

2.2-2.9.11
CESAREAN DELIVERY SUITE
2.2-2.9.11.1
Cesarean Delivery Room
2.2-2.9.11.1(3)
___ Located in obstetrical suite
☐ check if not included in project
___ space designed so that neither staff nor patients must travel through cesarean delivery area to access other services

2.2-2.9.11.1
(1)(a)
___ Minimum of one Cesarean Delivery Room provided for every obstetrical unit

(2)
Space Requirements:
(2)(a)
___ min. clear floor area 440 sf
___ min. clear dimension 16’-0”
___ above clear floor area includes infant resuscitation space with min. clear floor area 80 sf

Building Systems Requirements

Communications:
___ Public communication services provided in each family & visitor lounge

2.1-2.10.1.6

Ventilation:
___ Min. 20 air changes per hour Table 7.1
___ Positive pressure
___ No recirculating room units

Lighting:
___ General lighting in addition to special lighting units at surgical & obstetrical tables 2.1-8.3.4.3(4) (a)
___ General lighting & special lighting on separate circuits (b)

Power:
___ Min. 30 receptacles in total Table 2.1-1
___ Min. 16 receptacles convenient to table placement
___ Min. 2 receptacles on each wall
___ Min. 6 receptacles in the infant care area

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

Medical Gases:
___ 1 OX, 4 VAC, 1 MA per room Table 2.1-3
Architectural Requirements

(1)(b) Infant resuscitation space provided in Cesarean Delivery Room
      or
(2)(b) Infant resuscitation space in separate room immediately accessible* to Cesarean Delivery Room
      min. clear floor area 150 sf

Building Systems Requirements

<table>
<thead>
<tr>
<th>Ventilation:</th>
<th>Table 7.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min. 20 air changes per hour</td>
<td></td>
</tr>
<tr>
<td>Positive pressure</td>
<td></td>
</tr>
<tr>
<td>No recirculating room units</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Power:</th>
<th>Table 2.1-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min. 6 receptacles in the infant care area</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Nurse Call System:</th>
<th>Table 2.1-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Staff assistance station</td>
<td></td>
</tr>
<tr>
<td>Emergency call station</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Medical Gases:</th>
<th>Table 2.1-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 OX, 3 VAC, 3 MA per bassinet</td>
<td></td>
</tr>
</tbody>
</table>

2.2-2.9.11.8 SUPPORT AREAS FOR CESAREAN DELIVERY SUITE

(2)(a) Control/nurse station
      solely for cesarean delivery suite
      located to restrict unauthorized traffic into suite

(2)(b) Soiled workroom or soiled holding room
      solely for cesarean delivery suite

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

2.1-2.8.12.3 Soiled holding room

(1) Handwashing station or hand sanitation station
(2) Space for separate covered containers for waste & soiled linen

2.2-2.9.11.8 Supervisor office or station
### Architectural Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>(3)(b)</td>
<td>Hand scrub facilities</td>
</tr>
<tr>
<td>2.1-2.8.6.1</td>
<td>at least one hand scrub position for each cesarean delivery room, operating room &amp; class 3 imaging room located next to entrance to each room</td>
</tr>
<tr>
<td>2.1-2.8.6.2</td>
<td>room (one hand scrub station consisting of two scrub positions may be shared if located adjacent to entrance of each room)</td>
</tr>
<tr>
<td>2.1-2.8.6.3</td>
<td>placement of scrub station does not restrict min. required corridor width</td>
</tr>
<tr>
<td>2.1-2.8.12.3</td>
<td>Medication safety zones</td>
</tr>
<tr>
<td>2.2-2.9.11.8 (3)(c)</td>
<td>Design Promoting Safe Medication Use:</td>
</tr>
<tr>
<td>(a)</td>
<td>medication safety zones located out of circulation paths</td>
</tr>
<tr>
<td>(b)</td>
<td>work space designed so that staff can access information &amp; perform required tasks</td>
</tr>
<tr>
<td>(c)</td>
<td>work counters provide space to perform required tasks</td>
</tr>
<tr>
<td>(e)</td>
<td>sharps containers placed at height that allows users to see top of container</td>
</tr>
<tr>
<td>(f)</td>
<td>max. 45 dBA noise level caused by building systems</td>
</tr>
<tr>
<td>2.1-2.8.8.2(1)</td>
<td>medication preparation room</td>
</tr>
<tr>
<td>(a)</td>
<td>under visual control of nursing staff</td>
</tr>
<tr>
<td>(b)</td>
<td>work counter</td>
</tr>
<tr>
<td></td>
<td>handwashing station</td>
</tr>
<tr>
<td></td>
<td>lockable refrigerator</td>
</tr>
<tr>
<td></td>
<td>locked storage for controlled drugs sharps containers</td>
</tr>
<tr>
<td></td>
<td>check if not included in project</td>
</tr>
<tr>
<td></td>
<td>self-contained medication-dispensing unit</td>
</tr>
<tr>
<td></td>
<td>room designed with space to prepare medications</td>
</tr>
<tr>
<td>(c)</td>
<td>or</td>
</tr>
<tr>
<td>2.1-2.8.8.2(2)</td>
<td>automated medication-dispensing unit</td>
</tr>
<tr>
<td>(a)</td>
<td>located at nurse station, in clean workroom or in alcove</td>
</tr>
<tr>
<td>(c)</td>
<td>handwashing station located next to stationary medication-dispensing units or stations</td>
</tr>
</tbody>
</table>

### Building Systems Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1-2.8.8.1(2)(a)</td>
<td>medication safety zones located out of circulation paths</td>
</tr>
<tr>
<td>2.1-2.8.8.1(2)(b)</td>
<td>work space designed so that staff can access information &amp; perform required tasks</td>
</tr>
<tr>
<td>2.1-2.8.8.1(2)(c)</td>
<td>work counters provide space to perform required tasks</td>
</tr>
<tr>
<td>2.1-2.8.8.1(2)(e)</td>
<td>sharps containers placed at height that allows users to see top of container</td>
</tr>
<tr>
<td>2.1-2.8.8.1(2)(f)</td>
<td>max. 45 dBA noise level caused by building systems</td>
</tr>
<tr>
<td>2.1-2.8.8.2(1)(a)</td>
<td>under visual control of nursing staff</td>
</tr>
<tr>
<td>2.1-2.8.8.2(1)(b)</td>
<td>work counter</td>
</tr>
<tr>
<td>2.1-2.8.8.2(1)(c)</td>
<td>self-contained medication-dispensing unit</td>
</tr>
<tr>
<td>2.1-2.8.8.2(2)(a)</td>
<td>located at nurse station, in clean workroom or in alcove</td>
</tr>
<tr>
<td>2.1-2.8.8.2(2)(c)</td>
<td>handwashing station located next to stationary medication-dispensing units or stations</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>System</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lighting:</td>
<td>Task-specific lighting level min. 100 foot-candles</td>
</tr>
<tr>
<td>Ventilation:</td>
<td>Min. 4 air changes per hour Table 7.1</td>
</tr>
<tr>
<td>Lighting:</td>
<td>Task lighting 2.1-2.8.8.1(2)(d)</td>
</tr>
<tr>
<td>Nurse Call System:</td>
<td>Duty station (light/sound signal) Table 2.1-2</td>
</tr>
<tr>
<td>Nurse Call System:</td>
<td>Duty station (light/sound signal) Table 2.1-2</td>
</tr>
<tr>
<td>Architectural Requirements</td>
<td>Building Systems Requirements</td>
</tr>
<tr>
<td>----------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>2.2-2.9.11.8 (3)(d)</td>
<td>Ventilation:</td>
</tr>
<tr>
<td>2.1-2.8.11.2</td>
<td>Min. 4 air changes per hour</td>
</tr>
<tr>
<td></td>
<td>Table 7.1</td>
</tr>
<tr>
<td>(1)</td>
<td>Positive pressure</td>
</tr>
<tr>
<td>(2)</td>
<td>Nurse Call System:</td>
</tr>
<tr>
<td>(3)</td>
<td>Duty station (light/sound signal) Table 2.1-2</td>
</tr>
<tr>
<td>or</td>
<td>Ventilation:</td>
</tr>
<tr>
<td>2.1-2.8.11.3</td>
<td>Min. 4 air changes per hour</td>
</tr>
<tr>
<td></td>
<td>Table 7.1</td>
</tr>
<tr>
<td></td>
<td>Positive pressure</td>
</tr>
<tr>
<td>2.2-2.9.11.8 (3)(e)</td>
<td>Medical Gas Storage:</td>
</tr>
<tr>
<td>2.2-3.3.8.13(5)</td>
<td>space for supply &amp; storage of medical gases used in the facility</td>
</tr>
<tr>
<td></td>
<td>space for reserve cylinders</td>
</tr>
<tr>
<td></td>
<td>provided &amp; protected in accordance with NFPA 99: Health Care Facilities Code</td>
</tr>
<tr>
<td>2.2-2.9.11.8 (3)(e)</td>
<td>Area for storing gurneys out of path of normal traffic</td>
</tr>
<tr>
<td>2.2-2.9.11.8 (3)(f)</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>service sink or floor-mounted mop sink</td>
</tr>
<tr>
<td>(1)</td>
<td>provisions for storage of supplies &amp; housekeeping equipment</td>
</tr>
<tr>
<td>(2)</td>
<td>handwashing station or hand sanitation station</td>
</tr>
<tr>
<td>(3)</td>
<td></td>
</tr>
<tr>
<td>2.2-2.9.11.8 (3)(g)</td>
<td>Sterile Processing Facilities</td>
</tr>
<tr>
<td>□ check if not included in project</td>
<td></td>
</tr>
<tr>
<td>2.1-5.1.2.1(2)</td>
<td>Sterile processing facility meets requirements of semi-restricted area</td>
</tr>
<tr>
<td>2.1-5.1.2.1(3)</td>
<td>Layout:</td>
</tr>
<tr>
<td></td>
<td>sterile processing facilities designed to provide one-way traffic pattern</td>
</tr>
<tr>
<td>2.1-5.1.2.2 (1)(a)</td>
<td>Two-room sterile processing facility</td>
</tr>
<tr>
<td></td>
<td>decontamination room &amp; clean workroom physically separated by wall containing door or pass-through window or built-in washer/disinfector with pass-through door or window</td>
</tr>
<tr>
<td>Architectural Requirements</td>
<td>Building Systems Requirements</td>
</tr>
<tr>
<td>----------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>(1)(b) Sterilizer access room for maintaining equipment</td>
<td>Ventilation:</td>
</tr>
<tr>
<td>☐ check if not included in project</td>
<td>☐ Min. 6 air changes per hour</td>
</tr>
<tr>
<td>(2) Decontamination room</td>
<td>☐ Exhaust</td>
</tr>
<tr>
<td>(a) sized to meet min. equipment space &amp; clearances needed for equipment used</td>
<td>☐ Negative pressure</td>
</tr>
<tr>
<td>☐ equipment shown on plans</td>
<td>☐ No recirculating room units</td>
</tr>
<tr>
<td>(b) work counter(s)</td>
<td>Nurse Call System:</td>
</tr>
<tr>
<td>☐ handwashing station</td>
<td>☐ Duty station (light/sound signal)</td>
</tr>
<tr>
<td>☐ three-basin sink with counter</td>
<td>Table 2.1-2</td>
</tr>
<tr>
<td>☐ flushing-rim clinical sink or equivalent fixture</td>
<td>or</td>
</tr>
<tr>
<td>☐ alternative methods for disposal of bio-waste</td>
<td></td>
</tr>
<tr>
<td>☐ space for waste &amp; soiled linen receptacles</td>
<td></td>
</tr>
<tr>
<td>☐ documentation area</td>
<td></td>
</tr>
<tr>
<td>☐ instrument air outlet for drying instruments</td>
<td>or</td>
</tr>
<tr>
<td>☐ portable compressed air for drying instruments</td>
<td></td>
</tr>
<tr>
<td>☐ storage for decontamination supplies &amp; personal protective equipment (PPE)</td>
<td></td>
</tr>
<tr>
<td>(3) Clean workroom</td>
<td>Ventilation:</td>
</tr>
<tr>
<td>(a) sized to accommodate sterilization equipment used</td>
<td>☐ Min. 4 air changes per hour</td>
</tr>
<tr>
<td>☐ equipment shown on plans</td>
<td>☐ Positive pressure</td>
</tr>
<tr>
<td>(b) work counter(s)</td>
<td>☐ No recirculating room units</td>
</tr>
<tr>
<td>☐ handwashing station</td>
<td>Nurse Call System:</td>
</tr>
<tr>
<td>☐ storage for sterilization supplies</td>
<td>☐ Duty station (light/sound signal)</td>
</tr>
<tr>
<td>☐ documentation area</td>
<td>Table 2.1-2</td>
</tr>
<tr>
<td>☐ instrument air outlet for drying instruments</td>
<td>or</td>
</tr>
<tr>
<td>☐ portable compressed air for drying instruments</td>
<td></td>
</tr>
<tr>
<td>☐ cooling area for sterilization cart where sterilizer is loaded/unloaded using rolling cart</td>
<td></td>
</tr>
<tr>
<td>(4) Sterile storage (provided for storage of sterile instruments &amp; supplies)</td>
<td>Ventilation:</td>
</tr>
<tr>
<td>(a) area part of clean workroom</td>
<td>☐ Min. 4 air changes per hour</td>
</tr>
<tr>
<td>☐ separate storage room</td>
<td>☐ Positive pressure</td>
</tr>
<tr>
<td>(b) space for case cart storage</td>
<td>Table 7.1</td>
</tr>
<tr>
<td>☐ check if not included in project</td>
<td></td>
</tr>
</tbody>
</table>
Architectural Requirements

2.1-5.1.2.3

☐ One-room sterile processing facility
☐ check if not included in project

(1) __ consists of decontamination area & clean work area

(b) __ two entrances
   or
   __ single entrance
   __ located approximately equidistant from clean & decontamination sides of room
   __ allows for one-way traffic flow

(2) __ decontamination area
   (a) __ countertop
      __ two-basin sink for washing instruments
      __ handwashing station
      __ separate from instrument-washing sink
      __ storage for supplies
      __ instrument air outlet for drying instruments
   or
      __ portable compressed air for drying instruments
   (b) __ instrument-washing sink
      separated from clean work area by 4'-0" distance from edge of sink
   or
      __ instrument-washing sink separated from clean work area by wall
   or
      __ instrument-washing sink separated from clean work area by screen
      __ screen extends min. 4'-0" above sink rim

(3) __ clean work area
   (a) __ countertop
   (b) __ sterilizer
   (c) __ storage for supplies
   (d) __ instrument air outlet for drying instruments
   or
      __ portable compressed air for drying instruments

2.1-5.1.2.4

(1) __ Equipment & supply storage

   __ instrument & supply storage provided for sterile & clean instruments & supplies
   __ separate room
   or
   __ portion of clean workroom

Building Systems Requirements

Ventilation:

☐ Min. 6 air changes per hour
☐ Exhaust
☐ Negative pressure
☐ No recirculating room units

Table 7.1

Ventilation:

☐ Min. 4 air changes per hour
☐ Positive pressure
☐ No recirculating room units

Table 7.1
Architectural Requirements

(b)  __ space for case cart storage
     □ check if not included in project
     (only if case carts are not used in facility)

(2)  __ clean/sterile medical/surgical supply
     receiving room

Building Systems Requirements

Ventilation:

☐ Min. 4 air changes per hour  Table 7.1
☐ Positive pressure

2.1-5.1.2.5  Support Areas for Staff:
(serving sterile processing facilities)

(1)(a)  __ separate changing areas provided for
         male & female staff (unisex changing
         area with one or more private changing
         rooms is permitted)

(1)(b)  __ staff changing areas meet
         requirements of unrestricted area (may
         are shared with other departments or
         services)

(2)(a)  __ lockers

(2)(b)  __ toilet room

(2)(c)  __ handwashing station

Ventilation:

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

(2)(d)  __ space for donning sterile attire

(2)(e)  __ provision for separate storage of clean
        & soiled work attire

2.2-2.9.11.9  SUPPORT AREAS FOR STAFF—CESAREAN
DELIVERY SUITE
(may be shared with surgical facilities if shared
areas are arranged to avoid direct traffic between
delivery & operating rooms)

2.2-2.9.11.9(1)  __ Staff lounge
     __ immediately accessible* to labor,
     delivery & recovery areas

2.1-2.9.1  __ min.100 sf

2.2-2.9.11.9(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

2.2-2.9.11.9(3)  __ Staff changing areas
     __ lockers
     __ space for donning & doffing scrub suits
     & booties
     __ showers
     __ toilets
     __ handwashing stations

2.2-2.9.11.9(4)  __ Support person changing areas
     __ provided for male & female support
     persons accompanying mother

2.2-2.9.11.9(3)  __ lockers
### Architectural Requirements

- space for donning & doffing scrub suits & booties
- showers
- toilets
- handwashing stations

### Building Systems Requirements

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

#### 2.2-2.9.11.9(5)
- On-call staff accommodation
  - (may be located elsewhere in facility)

#### 2.2-2.6.9.4
- accommodations for sleeping & rest
  - space for chair
  - space for bed
- individually secured storage for personal items
- communication system
- at least one toilet & handwashing station

#### 2.2-2.9.11.10
**SUPPORT AREAS FOR FAMILIES PATIENTS & VISITORS—CESAREAN DELIVERY SUITE**

**2.1-2.10.1**
- Family & visitor lounge
  - (may be shared with surgery facilities)
  - each patient care unit provides access to lounge for family & visitors

**2.1-2.10.1.1(1)**
- accommodates at minimum 3 chairs & 1 wheelchair space

**2.1-2.10.1.2**
- immediately accessible* to patient care units served (permitted to serve more than one patient care unit)

**2.1-2.10.1.4**
- designed to minimize impact of noise & activity on patient rooms & staff functions

#### 2.2-2.9.11.11
**RECOVERY SPACE FOR CESAREAN DELIVERY SUITE**

**2.1-2.10.1.6**
- Public communication services provided in each family & visitor lounge

**2.2-2.8.7.1**
- located in each room where hands-on patient care is provided

**2.2-2.8.7.3**
- handwashing station serves multiple patient care stations
- check if not included in project

**2.2-2.8.7.4**
- handwashing stations evenly distributed

### Nurse Call System

- Staff assistance station
- Emergency call station

### Medical Gases

- 1 OX, 3 VAC, 1 MA per bed
<table>
<thead>
<tr>
<th>Architectural Requirements</th>
<th>Building Systems Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)(b) Recovery in LDR or LDRP rooms</td>
<td></td>
</tr>
<tr>
<td>LDR or LDRP rooms are located in or directly accessible to cesarean delivery suite</td>
<td></td>
</tr>
<tr>
<td>2.2-2.9.11.12 SUPPORT AREAS FOR RECOVERY ROOMS - CESAREAN DELIVERY SUITE</td>
<td></td>
</tr>
<tr>
<td>☐ check if not included in project (only if LDR &amp; LDRP rooms are provided)</td>
<td></td>
</tr>
<tr>
<td>(2) Nurse station &amp; documentation area</td>
<td></td>
</tr>
<tr>
<td>☐ located to permit visual observation of all patient care stations</td>
<td></td>
</tr>
<tr>
<td>(8) Medication safety zone</td>
<td></td>
</tr>
<tr>
<td>2.1-2.8.8.1(2) Design Promoting Safe Medication Use:</td>
<td></td>
</tr>
<tr>
<td>☐ medication safety zones located out of circulation paths</td>
<td></td>
</tr>
<tr>
<td>(b) work space designed so that staff can access information &amp; perform required tasks</td>
<td></td>
</tr>
<tr>
<td>(c) work counters provide space to perform required tasks</td>
<td></td>
</tr>
<tr>
<td>(e) sharps containers placed at height that allows users to see top of container</td>
<td></td>
</tr>
<tr>
<td>(f) max. 45 dBA noise level caused by building systems</td>
<td></td>
</tr>
<tr>
<td>2.1-2.8.8.2(1) medication preparation room</td>
<td></td>
</tr>
<tr>
<td>☐ under visual control of nursing staff</td>
<td></td>
</tr>
<tr>
<td>(b) work counter</td>
<td></td>
</tr>
<tr>
<td>(c) handwashing station</td>
<td></td>
</tr>
<tr>
<td>(d) lockable refrigerator</td>
<td></td>
</tr>
<tr>
<td>(e) locked storage for controlled drugs</td>
<td></td>
</tr>
<tr>
<td>(f) self-contained medication-dispensing unit</td>
<td></td>
</tr>
<tr>
<td>☐ room designed with space to prepare medications</td>
<td></td>
</tr>
<tr>
<td>2.1-2.8.8.2(2) automated medication-dispensing unit</td>
<td></td>
</tr>
<tr>
<td>☐ located at nurse station, in clean workroom or in alcove</td>
<td></td>
</tr>
<tr>
<td>(c) handwashing station located next to stationary medication-dispensing units or stations</td>
<td></td>
</tr>
<tr>
<td>(13) Equipment &amp; supply storage</td>
<td></td>
</tr>
<tr>
<td>(14) Clinical sink with bedpan-rinsing device</td>
<td></td>
</tr>
<tr>
<td>☐ directly accessible to recovery room</td>
<td></td>
</tr>
</tbody>
</table>
**ARCHITECTURAL DETAILS**

<table>
<thead>
<tr>
<th>2.1-7.2.2</th>
<th>Corridor Width:</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1-7.2.2.1</td>
<td><strong>Aisles, corridors &amp; ramps required for exit access in a hospital not less than 8'-0&quot; in clear &amp; unobstructed width</strong></td>
</tr>
<tr>
<td>or</td>
<td><strong>Detailed code review incorporated in Project Narrative</strong></td>
</tr>
<tr>
<td>2.1-7.2.2.2</td>
<td><strong>Aisles, corridors &amp; ramps in adjunct areas not intended for the housing, treatment, or use of inpatients not less than 44&quot; in clear &amp; unobstructed width</strong></td>
</tr>
<tr>
<td>or</td>
<td><strong>Detailed code review incorporated in Project Narrative</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2.1-7.2.2.3</th>
<th><strong>Ceiling Height:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td><strong>Min. ceiling height 7'-6&quot; in corridors &amp; in normally unoccupied spaces</strong></td>
</tr>
<tr>
<td>(3)</td>
<td><strong>Min. height 7'-6&quot; above floor of suspended tracks, rails &amp; pipes located in traffic path for patients in beds &amp; on stretchers</strong></td>
</tr>
<tr>
<td>or</td>
<td><strong>Min. ceiling height 7'-10&quot; in other areas</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2.1-7.2.2.5</th>
<th><strong>Doors &amp; Door Hardware:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td><strong>Door Type:</strong></td>
</tr>
<tr>
<td>(a)</td>
<td><strong>doors between corridors, rooms, or spaces subject to occupancy swing type or sliding doors</strong></td>
</tr>
<tr>
<td>(b)</td>
<td><strong>sliding doors</strong></td>
</tr>
<tr>
<td>or</td>
<td><strong>check if not included in project</strong></td>
</tr>
<tr>
<td>or</td>
<td><strong>check if not included in project</strong></td>
</tr>
<tr>
<td>or</td>
<td><strong>manual or automatic</strong></td>
</tr>
<tr>
<td>or</td>
<td><strong>sliding doors comply with NFPA 101</strong></td>
</tr>
<tr>
<td>or</td>
<td><strong>detailed code review incorporated in Project Narrative</strong></td>
</tr>
<tr>
<td>or</td>
<td><strong>no floor tracks</strong></td>
</tr>
<tr>
<td>(2)</td>
<td><strong>Door Opening:</strong></td>
</tr>
<tr>
<td>(a)</td>
<td><strong>min. 45.5&quot; clear door width for patient rooms</strong></td>
</tr>
<tr>
<td>or</td>
<td><strong>min. 83.5&quot; clear door height for patient rooms</strong></td>
</tr>
<tr>
<td>(b)</td>
<td><strong>swinging doors for personnel use in addition to sliding doors</strong></td>
</tr>
<tr>
<td>or</td>
<td><strong>check if not included in project</strong></td>
</tr>
<tr>
<td>or</td>
<td><strong>min. clear width 34.5&quot;</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2.1-7.2.2.5</th>
<th><strong>Windows in Patient Rooms:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td><strong>Each patient room provided with natural light by means of window to outside</strong></td>
</tr>
<tr>
<td>(2)</td>
<td><strong>Operable windows in patient rooms or suites</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2.1-7.2.2.6</th>
<th><strong>Insect Screens</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1-7.2.2.5(2)</td>
<td><strong>Check if not included in project</strong></td>
</tr>
<tr>
<td>or</td>
<td><strong>window operation is limited—</strong></td>
</tr>
<tr>
<td>or</td>
<td><strong>with either stop limit/restrictor hardware or open guard/screen</strong></td>
</tr>
<tr>
<td>or</td>
<td><strong>prevents passage of 4-inch diameter sphere through opening</strong></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
2.1-7.2.2.5(3) Window Size In Patient Rooms:
(a) minimum net glazed area be no less than 8% of required min. clear floor area of room served
(b) maximum 36 inches windowsill height above finished floor

2.1-7.2.2.7 GLAZING MATERIALS:
☐ Glazing within 1 foot 6 inches of floor check if not included in project
must be safety glass, wire glass or plastic break-resistant material

2.1-7.2.2.8 HANDWASHING STATIONS:
(1)(c) Handwashing stations in patient care areas located so they are visible & unobstructed
(3) Handwashing station countertops made of porcelain, stainless steel, solid-surface materials or impervious plastic laminate assembly
(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 ☐ hand-drying device does not require hands to contact dispenser
(b) hand-drying device is enclosed to protect against dust or soil & to ensure single-unit dispensing
(6) Liquid or foam soap dispensers

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
☐ Special provisions are made to minimize impact noise
(2) Noise reduction criteria in Table 1.2-6 applicable to partitions, floors & ceiling construction are met in patient areas

2.1-7.2.2.14 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
(3) Smooth transitions provided between different flooring materials
(4) Flooring surfaces including those on stairways are stable, firm & slip-resistant
(5) 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
(7)(a) Floors are monolithic & integral coved wall bases are at least 6" high & tightly sealed to wall in rooms listed below
☐ airborne infection isolation (AII) room & any anteroom
☐ protective environment (PE) room & any anteroom
☐ cesarean delivery room

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

2.1-7.2.2.2.9 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

2.1-7.2.3.2 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
(5) 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
(a) Ceilings cleanable with routine housekeeping equipment
(b) Acoustic & lay-in ceilings where used do not create ledges or crevices

2.1-7.2.4 FURNISHINGS:
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) 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 3/6.1.1 UTILITIES:
Ventilation Upon Loss of Electrical Power:
☐ space ventilation & pressure relationship requirements of Tables 7.1 are maintained for AII Rooms, PE Rooms in event of loss of normal electrical power

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 3/6.1.2.2 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 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
☐ contain features for draining away precipitation
☐ equipped with birdscreen of mesh no smaller than 0.5 in

Part 3/6.3.1.3 intakes 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 Exhaust Discharges:  
☐ check if not included in project  
☐ 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 3/6.3.2.1 Exhaust Discharges:  
☐ 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 Exhaust Discharges:  
☐ exhaust discharge outlets with contaminated air are 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 3/6.4 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 w/ exposed cleanable surfaces or radiant floor heating are provided in AII room

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 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 3/6.7.2 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  
☐ Located upstream of Filter Bank No. 2  
☐ AII room exhaust systems or combination AII/PE rooms are not used for energy recovery

Part 3/6.8.1 Energy recovery systems 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  
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  
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  
☐ serves 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
### Electrical Systems

**Panelboards:**
- Panelboards serving life safety branch circuits serve floors on which they are located & floors immediately above & below
- Panelboard critical branch circuits serve floors on which they are located
- Panelboards not located in exit enclosures or exit passageways

**Power-Generating & -Storing Equipment**
- Essential electrical system or emergency electrical power
  - Essential electrical system complies with NFPA 99
  - Emergency electrical power complies with NFPA 99

**Lighting:**
- Luminaires in wet areas (e.g., showers) have smooth cleanable shatter-resistant lenses & no exposed lamps
  - Reading light for each patient bed
    - Incandescent & halogen lights
      - Check if not included in project
      - Placed or shielded to protect patient from injury
      - Light source covered by diffuser or lens
      - Flexible light arms
      - Check if not included in project
      - Mechanically controlled to prevent lamp from contacting bed linen
- Patient care unit corridors have general illumination with provisions for reducing light levels at night

**Electrical Equipment:**
- Handwashing sinks & scrub sinks that depends on building electrical service for operation are connected to essential electrical system
- Check if not included in project

**Electrical Receptacles:**
- Receptacles in Corridors:
  - Duplex-grounded receptacles for general use installed 50'-0" apart or less in all corridors
  - Duplex-grounded receptacles for general use installed within 25'-0" of corridor ends
  - Receptacles in pediatric & psychiatric unit corridors are of tamper-resistant type
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

2.1-8.4.2.5 Heated Potable Water Distribution Systems:
(2) heated potable water distribution systems serving patient care areas are under constant recirculation
non-recirculated fixture branch piping max. length 25'-0”

(3)(a) no installation of dead-end piping (except for empty risers mains & branches for future use)
(3)(c) any existing dead-end piping is removed
☐ check if not included in project

(4)(a) 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 installed above ceiling of or exposed in electronic data processing areas & electric closets ☐ check if not included in project
☐ check if not included in project
special provisions to protect space below from leakage & condensation

(1)(b) drip pan for drainage piping above ceiling of sensitive area ☐ check if not included in project
☐ check if not included in project
accessible
overflow drain with outlet located in normally occupied area that is not open to restricted area

2.1-8.4.3 PLUMBING FIXTURES:
2.1-8.4.3.1(1) Materials used for plumbing fixtures are non-absorbptive & 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
sink basins have min. dimension 9 inches in width or length

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

(5) water discharge point of faucets is at least 10 inches 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)
☐ check if not included in project

☐ check if not included in project
at least 4 inches in length
provide clearance required for operation

☐ check if not included in project
meet user need for temperature & length of time water flows
designed to function at all times and during loss of normal power

☐ check if not included in project

☐ check if not included in project

Sensor-regulated water fixtures

☐ check if not included in project

Ice-Making Equipment:
copper tubing provided for supply connections to ice-making equipment

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

Trimmed with valves that can be operated without hands
may be single-lever or wrist blade devices)

☐ handles are at least 6 in. long
2.1-8.4.3.7  Bedpan-Rinsing Devices:
(1)  bedpan-rinsing devices provided in each inpatient toilet room
(2)  use cold water only

2.1-8.4.4  MEDICAL GAS & VACUUM SYSTEMS
   Station outlets provided as indicated in Table 2.1-3

2.1-8.5.1  CALL SYSTEMS
2.1-8.5.1.1  Nurse call stations provided as required in Table 2.1-2
(1)  Nurse call systems report to attended location with electronically supervised visual & audible annunciation as indicated in Table 2.1-2
(2)  Call system complies with UL 1069 "Standard for Hospital Signaling & Nurse Call Equipment"
(4)  Call system complies with UL 1069
(5)  Wireless nurse call system ❌ check if not included in project ❌ complies with UL 1069

2.1-8.5.1.2  Patient Call Stations:
(1)  each patient sleeping bed except nursery beds provided with patient call station equipped for two-way voice communication (use of dual call station are permitted when beds are located adjacent to each other)
(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:
   bath station that can be activated by patient lying on floor provided at each patient toilet, bathtub, or shower stall
(1)  alarm in these areas can only be turned off at bath station where it was initiated
(2)  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
(3)  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