

COMPLIANCE CHECKLIST

IP23: Chemotherapy Infusion

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:

- NFPA 101 Life Safety Code (2000) and applicable related standards contained in the appendices of the Code
- 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.

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

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

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

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

Facility Name: _____

DoN Project Number: (if applicable) _____

Facility Address: _____

Satellite Name: (if applicable) _____

Building/Floor Location: _____

Satellite Address: (if applicable) _____

Submission Dates:

Project Description: _____

Initial Date:

Revision Date:

Architectural Requirements
CHEMOTHERAPY INFUSION

Building Systems Requirements

2.2-3.12

2.2-3.12.2

___ Treatment Area

2.2-3.12.2.1(3)

___ separate from administrative & waiting areas

2.2-3.12.2.2

Space Requirements:

___ patient bays*

check if not included in project

___ min. clear floor area 70 sf

___ 5'-0" between sides of patient beds/stretchers

___ min. clearance 3'-0" on at least three sides of bed or lounge chair

___ patient cubicles*

check if not included in project

___ min. clear floor area 80 sf

___ min. clearance 3'-0" on at least three sides of bed or lounge chair

___ single-bed rooms

check if not included in project

___ min. clear floor area 100 sf

___ min. clearance 3'-0" on at least three sides of bed or lounge chair

2.2-3.12.2.4

___ Each patient station has provisions for visual privacy from observation by other patients & visitors

2.2-3.12.2.5

___ Handwashing stations

2.1-7.2.2.8(1)

___ handwashing stations in patient care areas located to be visible & unobstructed

2.1-2.6.5.3

___ handwashing stations that serve multiple patient care stations

check if not included in project:

(1)

___ at least one handwashing station for every 4 patient care stations or fewer & for each major fraction thereof

(2)

___ evenly distributed
 ___ provide uniform distance from two patient care stations farthest from handwashing station

2.2-3.12.2.5

(2)

___ handwashing station located in, next to, or directly accessible* to nurse station

2.2-3.12.2.6

___ Patient toilet room

___ located in treatment area

___ handwashing station

Ventilation:

___ 10 air changes per hour

___ Exhaust

Table 7.1

2.2-3.12.2.8

___ Nurse station

___ located in treatment area

(1)

___ designed to provide visual observation of all patient care stations

(2)

___ nurse station out of direct line of traffic

Architectural Requirements

- 2.2-3.12.4.2 Airborne infection isolation (AII) room
 check if not included in project
- 2.1-2.4.2.2
 (1) single-bed room
 (2) provision made for personal protective equipment storage at entrance to room
 (3) handwashing station in each patient room
- 2.1-7.2.3.1(6) monolithic floors with integral covered 6" high wall base
- 2.1-2.4.2.2(4) separate room with toilet & handwashing station
- 2.1-2.4.2.3
 Anteroom:
 check if not included in project
 (1) for persons to don personal protective equipment before entering patient room
 (2) all doors to anteroom have self-closing devices
- 2.1-2.4.2.4(1)
 (b) self-closing devices on all room exit doors
 (c) doors has edge seals

Building Systems Requirements

- Ventilation:
 Min. 12 air changes per hour Table 7.1
 Exhaust
 Negative pressure
 No recirculating room units
- Space ventilation & pressure relationship maintained in event of loss of normal electrical power 4/6.1.1
- Exhaust air from AII rooms, associated anterooms & toilet rooms discharged directly to outdoors 4/7.2.1
- Exhaust grilles or registers located directly above patient bed on ceiling or on wall near head of bed
- Permanent device monitoring differential air pressure between AII room & corridor
- Ventilation:
 Min. 10 air changes per hour Table 7.1
 Exhaust
- Ventilation:
 Min. 10 air changes per hour Table 7.1
 Exhaust
 Negative pressure to corridor
 No recirculating room units

SUPPORT AREAS FOR CHEMOTHERAPY INFUSION CENTER

- 2.2-3.12.6.6 Medication safety zone - medication preparation room
- 2.1-2.6.6.2(1)
 (a) under visual control of nursing staff
 (b) work counter
 handwashing station
 lockable refrigerator
 locked storage for controlled drugs
 (c) Sharps Containers:
 check if not included in project
 sharps containers placed at height that allows users to see top of container
 (d) space to prepare medicines in addition to any self-contained medicine-dispensing unit

- Ventilation:
 4 air changes per hour Table 7.1
- Nurse Call System:
 Duty station Table 2.1-2

Architectural Requirements

Building Systems Requirements

- 2.1-4.2.3.2 Sterile IV preparation room
 - check if not included in project
 - separate sterile work room with laminar-flow workstation designed for product protection
 - (1) laminar-flow workstation includes non hydroscopic HEPA filter
 - (2) laminar-flow workstation includes visible pressure gauge for detection of filter leaks or defects
- DPH-BRP Policy ISO Class 7 clean room (as defined by USP 797)

- Ventilation:
 - Min. 30 air changes per hour
 - Positive pressure
 - HEPA filter
- USP 797

- USP 797 Access to sterile IV preparation room through ISO Class 7 anteroom
- 2.1-4.2.6.5 handwashing station

- Ventilation:
 - Min. 30 air changes per hour
 - HEPA filter
- USP 797

- 2.1-4.2.3.3 Cytotoxic IV preparation room.
 - check if not included in project
 - separate room for preparation of cytotoxic IV admixtures under Class II (Type A2, BL, or B2) or Class III biological safety cabinet.
- DPH-BRP Policy ISO Class 7 clean room (as defined by USP 797)

- Ventilation:
 - Min. 30 air changes per hour
 - Negative pressure
 - Contaminated exhaust
- USP 797

- USP 797 Access to sterile IV preparation room through ISO Class 7 anteroom
- 2.1-4.2.6.5 handwashing station

- Ventilation:
 - Min. 30 air changes per hour
 - HEPA filter
- USP 797

- 2.2-3.12.6.7 Nourishment area or room
 - (2) drinking water-dispensing unit for patient use separate from handwashing station

- 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

- Ventilation:
 - 2 air changes per hour
- Table 7.1

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

- 2.1-2.6.9 Clean workroom or clean supply room
- 2.1-2.6.9.1 clean workroom used for preparing patient care items
 - (1) work counter
 - (2) handwashing station
 - (3) storage facilities for clean & sterile supplies

- Ventilation:
 - 4 air changes per hour
 - Positive pressure
- Nurse Call System:
 - Duty station
- Table 7.1

Architectural Requirements

Building Systems Requirements

2.1-2.6.9.2	<p>or</p> <p><input type="checkbox"/> clean supply room used only for storage & holding as part of system for distribution of clean & sterile supplies</p>	<p>Ventilation:</p> <p><input type="checkbox"/> 4 air changes per hour</p> <p><input type="checkbox"/> Positive pressure</p>	Table 7.1
2.1-2.6.10	<p><input type="checkbox"/> Soiled workroom or soiled holding room</p>		
2.1-2.6.10.1	<p><input type="checkbox"/> soiled workroom room</p>	<p>Ventilation:</p> <p><input type="checkbox"/> 10 air changes per hour</p> <p><input type="checkbox"/> Exhaust</p> <p><input type="checkbox"/> Negative pressure</p>	Table 7.1
(1)	<p><input type="checkbox"/> handwashing station</p>		
(2)	<p><input type="checkbox"/> flushing-rim clinical service sink with bedpan washer</p>		
(3)	<p><input type="checkbox"/> work counter</p>	Nurse Call System:	
(4)	<p><input type="checkbox"/> space for separate covered containers</p>	<input type="checkbox"/> Duty station	
	<p>or</p>		
2.1-2.6.10.2	<p><input type="checkbox"/> soiled holding room</p>	<p>Ventilation:</p> <p><input type="checkbox"/> 10 air changes per hour</p> <p><input type="checkbox"/> Exhaust</p> <p><input type="checkbox"/> Negative pressure</p>	Table 7.1
(1)(a)	<p><input type="checkbox"/> handwashing station or hand sanitation station</p>		
(1)(b)	<p><input type="checkbox"/> space for separate covered containers</p>		
2.2-3.12.6.11	<p><input type="checkbox"/> Stretcher/wheelchair storage</p>		
2.2-3.12.6.12	<p><input type="checkbox"/> Environmental services room</p> <p><input type="checkbox"/> located in chemotherapy infusion unit</p>		
2.1-2.6.12.2	<p><input type="checkbox"/> service sink or floor-mounted mop sink</p>	<p>Ventilation:</p> <p><input type="checkbox"/> 10 air changes per hour</p> <p><input type="checkbox"/> Exhaust</p>	Table 7.1
(1)	<p><input type="checkbox"/> provisions for storage of supplies & housekeeping equipment</p>		
(2)	<p><input type="checkbox"/> handwashing station or hand sanitation station</p>		
(3)	<p><input type="checkbox"/> handwashing station or hand sanitation station</p>		
2.2-3.12.7	SUPPORT AREAS FOR STAFF		
2.2-3.12.7.1	<p><input type="checkbox"/> Staff lounge facilities</p>		
2.2-3.12.7.1(1)	<p><input type="checkbox"/> located on same floor as cancer treatment/infusion therapy unit & convenient to unit</p>		
2.1-2.7.1	<p><input type="checkbox"/> min. 100 sf</p>	<p>Nurse Call System:</p> <p><input type="checkbox"/> Duty station</p>	Table 2.1-2
2.2-3.12.7.2	<p><input type="checkbox"/> Staff toilet room</p>	<p>Ventilation:</p> <p><input type="checkbox"/> 10 air changes per hour</p>	Table 7.1
2.1-2.7.2.1	<p><input type="checkbox"/> readily accessible* to chemotherapy infusion unit</p>		
2.1-2.7.2.2	<p><input type="checkbox"/> toilet & handwashing station</p>	<input type="checkbox"/> Exhaust	
2.2-3.12.8	SUPPORT AREAS FOR PATIENTS		
2.2-3.12.8.1	<p><input type="checkbox"/> Waiting room</p>		
(1)	<p><input type="checkbox"/> toilet room with handwashing station</p>		
(2)	<p><input type="checkbox"/> drinking fountain</p>		
(3)	<p><input type="checkbox"/> public telephone</p>		
(4)	<p><input type="checkbox"/> seating accommodations for waiting periods</p>		

Architectural Requirements

- 2.2-3.12.8.2 Storage for patient belongings
- 2.2-3.12.9 Special Design Elements:
 - (1) no decorative water features
 - (2) no fish tanks

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
 - (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)
 - (a) 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)
 - (a) Min. 45.5" clear door width for diagnostic/treatment areas
 - Min. 83.5" clear door height for 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"
 - Doors do not swing into corridors (except doors to non-occupiable spaces & doors with emergency breakaway hardware)

Building Systems Requirements

- (4) Lever hardware
- (b) Doors for patient toilet facilities
 - (5) 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
 - toilet room door opening in public area or corridor maintains visual privacy
- 2.1-7.2.2.7 GLAZING MATERIALS:
 - (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
 - (a) porcelain, stainless steel or solid surface materials
 - (b) 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
 - (d) directly accessible* to sinks
 - (7) Liquid or foam soap dispensers

- 2.1-7.2.2.9 GRAB BARS:
(2) ___ Grab bars anchored to sustain concentrated load of 250 lbs.
- 2.1-7.2.2.10 HANDRAILS:
(1) ___ Handrails installed on both sides of patient use corridors
(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:
(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)
(a) ___ Washable wall finishes
(b) ___ Wall finishes near plumbing fixtures smooth, scrubbable & water-resistant
(2) ___ Monolithic wall surfaces in areas routinely subjected to wet spray or splatter
(5) ___ No sharp, protruding corners
(6) ___ Wall protection devices & corner guards durable & scrubbable
- 2.1-7.2.3.3 CEILINGS:
(1) ___ Ceilings in areas occupied by patients, in clean rooms & soiled rooms:
(a) ___ cleanable with routine housekeeping equipment
(b) ___ acoustic & lay-in ceilings
___ check if not included in project
___ do not create ledges or crevices

2.1-8.2 HEATING, VENTILATION, & AIR-CONDITIONING (HVAC) SYSTEMS

- 4/6.3.1 Outdoor Air Intakes:
4/6.3.1.1 ___ Located min. 25 feet from cooling towers & all exhaust & vent discharges
___ Bottom of air intake is at least 6'-0" above grade
4/6.3.1.2 Roof Mounted Air Intakes:
 check if not included in project
___ bottom min. 3'-0" above roof level
- 4/6.3.2 Exhaust Discharges for Contaminated Exhaust Air:
 check if not included in project
___ Ductwork under negative pressure (except in mechanical room)
___ Discharge in vertical direction at least 10'-0" above roof level
___ Located not less than 10'-0" horizontally from air intakes & operable windows/doors
- 4/6.4 Filtration:
___ Filter banks conform to Table 6.4
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
- 4/6.7 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 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
- ___ Recirculating room HVAC units
 - check if not included in project
 - ___ each unit serves only single space
 - ___ min. MERV 6 filter for airflow downstream of cooling coils

4/7.2 Additional Room-Specific Requirements:

- 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) ___ Mechanical ventilation provided for all rooms & areas in facility in accordance with Table 7.1 of Part 4

2.1-8.3 **ELECTRICAL SYSTEMS**

2.1-8.3.2 **ELECTRICAL DISTRIBUTION & TRANSMISSION**

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

2.1-8.3.5 **ELECTRICAL EQUIPMENT**

- 2.1-8.3.5.2 ___ Required handwashing station or scrub sink tied to building electrical service
- check if not included in project
- ___ connected to essential electrical system

2.1-8.3.6 **ELECTRICAL RECEPTACLES**

- 2.1-8.3.6.2 Receptacles in Patient Care Areas:
- ___ receptacles provided according to Table 2.1-1

2.1-8.3.7 **CALL SYSTEMS**

- ___ Nurse call equipment legend includes patient stations, bath stations, staff emergency stations & code call stations

- 2.1-8.3.7.1 (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

- 2.1-8.3.7.3 Bath Stations:
- (1) ___ provided at each patient toilet
- ___ alarm turned off only at bath station where it was initiated
- (3) ___ located to side of toilets within 12" of front of toilet bowl & 3'-0" to 4'-0" above floor

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

- (5) handwashing stations supplied as required above
- or**
- handwashing stations supplied at constant temperature between 70°F & 80°F using single-pipe supply

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

2.1-8.4.3 **PLUMBING FIXTURES**

- 2.1-8.4.3.1
- (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
 - min. dimension 9 inches
 - (3) made of porcelain, stainless steel, or solid-surface materials
 - (5) water discharge point of faucets at least 10 inches above bottom of basin
 - (7) anchoring for sinks withstands min. vertical or horizontal force of 250 lbs.
 - (8) fittings operated without using hands for sinks used by medical & nursing staff, patients, public & food handlers

- (a) blade handles or single lever
 - min. 4 inches long
 - provide clearance required for operation

- or**
- (b) sensor-regulated water fixtures
 - meet user need for temperature & length of time water flows
 - designed to function at all times & during loss of normal power

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

2.1-8.4.4 **MEDICAL GAS & VACUUM SYSTEMS**

- 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**

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