COMPLIANCE CHECKLIST

IP27_Pharmacy Services

The following checklist is intended to be used in plan review applications for health care facilities submitted to Massachusetts Department of Public Health This checklist summarizes & references applicable requirements from Licensure Regulations & 2022 Edition of FGI Guidelines for Design & Construction of Hospitals Applicants must verify compliance of plans submitted to Department with all referenced requirements from Licensure Regulations & FGI Guidelines when completing this Checklist separate Checklist must be completed for each nursing unit hospital or clinic department or clinical suite

Other jurisdictions regulations & codes may have additional requirements which are not included in this checklist such as:

- NFPA 101 Life Safety Code (2012) & applicable related standards contained in appendices of Code
- State Building Code (780 CMR)
- Accreditation requirements of Joint Commission
- CDC Guidelines for Preventing Transmission of Mycobacterium Tuberculosis in Health Care Facilities
- USP 797 USP 800 & Regulations of Massachusetts Board of Registration in Pharmacy
- Occupational Safety & Health Standards (OSHA)
- Accessibility Guidelines of 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 following instructions & included in plan submissions for Self-Certification Process or Abbreviated Review Process
- 2. This checklist must be completed by project architect or engineer based on design actually reflected in plans at time of completion of checklist
- 3. Each requirement line (____) of this Checklist must be completed exclusively with one of following marks unless otherwise directed in checklist. If functional space is not affected by renovation project mark "E" may be indicated on requirement line (____) before name of 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 given required function (e.g. patient room or exam room) that clarification should be provided in Project Narrative & requirement lines are understood to only address functional spaces that are involved in project.
- X = Requirement is met for new space for renovated space or for existing direct support space for expanded service
- **E** = Requirement relative to existing suite or area that has been *licensed* for its designated function is *not affected* by construction project & *does not pertain to required direct support space* for specific service affected by project "E" must not be used for existing required support space associated with new patient care room or area
- EX = Check box under section titles or individual requirements lines for optional services or functions that are not included in project area
- W = Waiver requested for specific section of Regulations or FGI Guidelines where hardship in meeting requirement can be demonstrated (a Physical Plant Waiver Form must be completed for each waiver request) explicit floor plan or plan detail must be attached to each waiver request
- 4. All room functions marked with "X" must be shown on plans with same name labels as in this checklist
- 5. Mechanical electrical & plumbing requirements are only partially mentioned in this checklist relevant section of FGI Guidelines must be used for project compliance with all MEP requirements & for waiver references
- 6. Oxygen vacuum medical air waste anesthesia gas disposal & instrument air outlets (if required) are identified respectively by abbreviations "OX" "VAC" "MA" "WAGD" & "IA"
- 7. Requirements referenced with "FI" result from formal interpretations from FGI Interpretations Task Group
- 8. The location requirements including asterisks (*) refer to definitions of Glossary in beginning section of FGI Guidelines & reproduced in this checklist

Facility Address: Satellite Name: (if applicable) Satellite Address: (if applicable) Submission Dates:
Satellite Address: (if applicable)
Submission Dates:
Project Description: Initial Date:
Revision Date:

	Architectural Requirements	building Systems Requirements	
2.1-4.2	PHARMACY SERVICES		
2.1-4.2.1.2 (1)	LOCATION Pharmacy room or suite accessible to clinical areas of hospital		
(2)	Controlled access to pharmacy room or suite		
2.1-4.2.2 2.1-4.2.2.1 (1) (2) (3) (4) (5)	PHARMACY AREAS Dispensing facilities room or area for receiving unpacking & inventory control of materials used in pharmacy work counters & space for automated & manual dispensing activities extemporaneous compounding area sink & counter space for drug preparation area for reviewing & recording area for temporary storage exchange & restocking of carts security provisions for drugs & personnel in dispensing counter area	Ventilation: Min 4 air changes per hour Tab Positive pressure	ole 7-1
2.1-4.2.2.2 (1) (2) (3)	Manufacturing facilities bulk compounding area provisions for packaging & labeling quality control area	Ventilation: Min 4 air changes per hour Tab Positive pressure	ole 7-1
2.1-4.2.2.3	Storage (storage cabinets shelves or separate rooms or closets)		
(1)	bulk storage	Ventilation: Min 4 air changes per hour Tab	ole 7-1
(2) (3) (4) (5)	active storage refrigerated storage storage for volatile fluids & alcohol secured lockable storage for narcotics & controlled drugs equipment & supply storage for general supplies & equipment not in use	Positive pressure	
2.1-4.2.3	STERILE WORK AREAS ☐ check if not included in project		
2.1-4.2.3.1	- Greek ii <u>not</u> indidued in project		
(1)	Layout of pharmacy precludes unrelated traffic through non-hazardous drug IV preparation rooms & hazardous drug IV preparation rooms		
(2)	Positive pressure non-hazardous IV preparation room & negative pressure hazardous drug IV prep room do not share robotic systems		

Building Systems Requirements

Architectural Requirements (3) Compounding area & equipment comply with requirements of USP & state board of pharmacy requirements **Project Narrative includes** documentation on how these requirements are met 2.1-4.2.3.2 Non-hazardous IV preparation area ☐ check if not included in project laminar-flow workstation designed for product protection (1) laminar-flow workstation includes non-hydroscopic filter rated at 99.97 percent (HEPA filter) (2) laminar-flow workstation have visible pressure gauge for detection of filter leaks or defects complies with regulations of Board of Registration in Pharmacy 247 CMR 17.00 2.1-4.2.3.3 Hazardous drug IV preparation room ☐ check if not included in project separate room provided for preparation of hazardous drug IV admixtures under class II (type A2 B1 or B2) or class III biological safety cabinet complies with regulations of Board of Registration in Pharmacy 247 CMR 19.00 SUPPORT AREAS FOR PHARMACY 2.1-4.2.8 2.1-4.2.8.2 Separate room or area provided for office functions 2.1-4.2.8.3 Room for education & training (may be multipurpose room shared w/ other departments) 2.1-4.2.8.4 Outpatient medication consultation area ☐ check if not included in project (only if medications are not dispensed to outpatients from hospital pharmacy area) 2.1-4.2.8.7 Handwashing station Handwashing station is provided in each (1) room where open medication is prepared for administration except where prohibited by **USP** requirements (2)Sterile compounding room ☐ check if not included in project handwashing station be provided in anteroom 2.1-4.2.8.13 Unit dose procedure used

☐ check if not included in project

space for carts

additional equipment & supply storage

	Architectural Requirements	Building	Systems Requirements
2.1-4.2.9 2.1-4.2.9.2	SUPPORT AREAS FOR STAFF (may be outside pharmacy area & shared v other departments) Readily accessible* to pharmacy	vith	
2.1-4.2.9.1	Readily accessible to priarriacy Lounge Locker facilities		
	Staff toilet room	Exh Neg	10 air changes per hour Table 7-1 naust gative pressure
*I OCATION	N TERMINOLOGY:	No	recirculating room units
Directly acc	essible: Connected to identified area or room the ghintervening room or public space coated next to but not necessarily connected to		
<u>Immediately</u>	<u>/ accessible</u> : Available either in or adjacent to id	dentified area or re	oom
Readily acc	essible: Available on same floor or in same clin	ic as identified ar	ea or room
\rchitectural	Details & MEP Requirements		
Architecturar	Details & MEF Requirements		
2.1-7.2.2	ARCHITECTURAL DETAILS	2.1-7.2.2.7	GLAZING MATERIALS:
2.1-7.2.2.1	CORRIDOR WIDTH: Aisles, corridors & ramps in adjunct areas not intended for the housing,		Glazing within 1 foot 6 inches of floor must be safety glass, wire glass or plastic break-resistant material
	treatment, or use of inpatients not less than 44" in clear & unobstructed width	2.1-7.2.2.8 (3)	HANDWASHING STATIONS:
2.1-7.2.2.2 (1)	CEILING HEIGHT: Min. ceiling height 7'-6" in corridors & in normally unoccupied spaces Min. ceiling height 7'-10" in other areas	(a)	 Handwashing station countertops made of porcelain, stainless steel, solid-surface materials or impervious plastic laminate assembly
2.1-7.2.2.3 (1) (a)	DOORS & DOOR HARDWARE: Door Type: doors between corridors, rooms, or spaces subject to occupancy	(b)	Countertops substrate check if <u>not</u> included in project marine-grade plywood (or equivalent material) with impervious seal
(b)	swing type or sliding doors sliding doors □ check if <u>not</u> included in project manual or automatic sliding doors comply with	(4)	Handwashing station casework □ check if <u>not</u> included in project designed to prevent storage beneath sink
	NFPA 101 detailed code review incorporated in Project	(5)	Provisions for drying hands □ check if <u>not</u> included in project (only at hand scrub facilities)
(0)	Narrative no floor tracks	(a)	hand-drying device does not require hands to contact dispenser
(3) (a)	Door Swing: doors do not swing into corridors except doors to non-occupiable spaces (e.g. environmental	(b)	 hand-drying device is enclosed to protect against dust or soil & to ensure single-unit dispensing liquid or foam soap dispensers
	services rooms & electrical closets) & doors with emergency breakaway hardware	(7)	no mirror at hand scrub stations or at handwashing stations in food preparation areas & clean
(4)	Lever hardware or push/pull latch hardware		& sterile supply areas

	•		
2.1-7.2.3 2.1-7.2.3.1	SURFACES FLOORING & WALL BASES:	Part 3/6.2 Part 3/6.2.1	AIR-HANDLING UNIT (AHU) DESIGN: AHU casing is designed to prevent
(1)	Flooring surfaces cleanable &	1 41 0 0 12 1	water intrusion, resist corrosion &
()	wear-resistant for location		permit access for inspection &
(3)	Smooth transitions provided		maintenance
	between different flooring materials		
(4)	Flooring surfaces including those on	Part 3/6.3	OUTDOOR AIR INTAKES & EXHAUST
	stairways are stable, firm &		DISCHARGES:
	slip-resistant	Part 3/6.3.1	Outdoor Air Intakes:
0.4.7.0.0.0	WALLO A WALL PROTECTION	Part 3/6.3.1.1	located such that shortest
2.1-7.2.3.2	WALLS & WALL PROTECTION:		distance from intake to any
(1)(a)	Wall finishes are washable		specific potential outdoor
(1)(b)	Wall finishes near plumbing fixtures are smooth, scrubbable &		contaminant source be equal to or greater than separation
	water-resistant		distance listed in Table 6-1
	water-resistant		located min. of 25 ft from
(5)	Wall protection devices & corner		cooling towers & all exhaust &
(0)	guards durable & scrubbable		vent discharges
	g		facilities with moderate-to-high
2.1-7.2.3.3	CEILINGS:		risk of natural or man-made
(1)	Ceilings provided in all areas		extraordinary incidents locate
	except mechanical, electrical &		new air intakes away from
	communications equipment rooms		public access
(a)	Ceilings cleanable with routine		all intakes are designed to
(1.)	housekeeping equipment		prevent entrainment of wind-
(b)	Acoustic & lay-in ceilings where		driven rain
	used not create ledges or crevices		contain features for draining away precipitation
2.1-8.2	HEATING VENTILATION &		equipped with birdscreen of
2.1-0.2	AIR-CONDITIONING (HVAC) SYSTEMS		mesh no smaller than 0.5 in
Part 3/6.1.2	Heating & Cooling Sources:		mostrilo strianor triair 0.0 m
Part 3/6.1.2.1	provide heat sources &	Part 3/6.3.1.4	intake in areaway
	essential accessories in number		□ check if <u>not</u> included in project
	& arrangement sufficient to		bottom of areaway air
	accommodate facility needs		intake opening is at least
	(reserve capacity) even when		6 ft above grade
	any one of heat sources or		bottom of air intake
	essential accessories is not		opening from areaway into
	operating due to breakdown or		building is at least 3 ft
	routine maintenance		above bottom of areaway
	capacity of remaining source or	5 , 6 , 6 , 6	
	sources is sufficient to provide for domestic hot water	Part 3/6.3.2	Exhaust Discharges:
	sterilization & dietary purposes;	Part 3/6.3.2.1	ductwork within building is under
	fuel sufficient to support owner's		negative pressure for exhaust of contaminated air (i.e. air from AII
	facility operation plan upon loss		rooms bronchoscopy & sputum
	of fuel service is provided on site		collection exhaust, pharmacy
	·		hazardous-drug exhausted
Part 3/6.1.2.2	Central cooling systems greater		enclosures & laboratory work
	than 400 tons (1407 kW) peak		area chemical fume hoods)
	cooling load		exhaust discharge outlets with
	☐ check if <u>not</u> included in project		contaminated air located such
	number & arrangement of		that they reduce potential for
	cooling sources & essential		recirculation of exhausted air
	accessories is sufficient to		back into building
	support owner's facility operation plan upon breakdown		
	or routine maintenance of any		
	one of cooling sources.		
	2 2. 222	I	

Part 3/6.3.2.2	exhaust discharge outlets with	Part 3/7	SPACE VENTILATION - HOSPITAL SPACES:
	contaminated air additionally is	Part 3/7.1.a	Spaces ventilated according to Table 7-1
	arranged to discharge to		Air movement is from clean to less-
	atmosphere in vertical direction	Part 3/7.1.a.1	clean areas
	at least 10 ft above adjoining	Part 3/7.1.a.3	Min. number of total air changes
	roof level		required for positive pressure rooms
			is provided by total supply airflow
Part 3/6.4	FILTRATION:		Min. number of total air changes
a.	Particulate matter filters, minimum		required for negative pressure rooms
	MERV-8 provided upstream of first		is provided by total exhaust airflow
	heat exchanger surface of any air-	Part 3/7.1.a.4	Entire minimum outdoor air changes
	conditioning system that combines		per hour required by Table 7-1 for
	return air from multiple rooms or		each space meet filtration
	introduces outdoor air.		requirements of Section 6.4
b.	Outdoor air filtered in accordance		4
Σ.	with Table 7-1	Part 3/7.1a.5	Air recirculation through room unit
C.	Air supplied from equipment serving	1 411 6/7.14.0	
0.	multiple or different spaces is		□ check if <u>not</u> included in project
	filtered in accordance with Table 7-1		complies with Table 7-1
d.	Air recirculated within room be		room unit receive filtered &
u.	filtered in accordance with Table 7-1		conditioned outdoor air
			serve only a single space
	or Section 7.1(a)(5)		provides min MERV 8 filter
e.	Design includes all necessary		located upstream of any cold
	provisions to prevent moisture		surface so that all of air passing
	accumulating on filters located		over cold surface is filtered
	downstream of cooling coils &		
1	humidifiers	2.1-8.3	ELECTRICAL SYSTEMS
h.	For spaces that do not permit air		
	recirculated by means of room units	2.1-8.3.2	ELECTRICAL DISTRIBUTION &
	& have minimum filter efficiency of		TRANSMISSION
	MERV-14, MERV-16 or HEPA in	2.1-8.3.2.2	Panelboards:
	accordance with Table 7-1, the min.	(1)	panelboards serving life safety
	filter requirement listed in Table 7-1		branch circuits serve floors on
	is installed downstream of all wet-air		which they are located & floors
	cooling coils & supply fan		immediately above & below
		(2)	panelboard critical branch
Part 3/6.7	AIR DISTRIBUTION SYSTEMS:		circuits serve floors on which
Part 3/6.7.1	Maintain pressure relationships		they are located
	required in tables 7.1 in all modes of	(3)	panelboards not located in exit
	HVAC system operation	• •	enclosures or exit passageways
	Spaces that have required pressure		
	relationships are served by fully	2.1-8.3.3	POWER-GENERATING & -STORING
	ducted return systems or fully		EQUIPMENT
	ducted exhaust systems	2.1-8.3.3.1	Essential electrical system or
	·		emergency electrical power
Part 3/6.7.2	Air Distribution Devices:	(1)	essential electrical system
	supply air outlets comply	(· /	complies with NFPA 99
	with Table 6-2	(2)	emergency electrical power
		(-)	complies with NFPA 99
Part 3/6.7.3	Smoke Barriers:		complice will in 1700
-	HVAC zones coordinated with	2.1-8.3.5	ELECTRICAL EQUIPMENT
	compartmentation to minimize	2.1-8.3.5.1	Handwashing sinks & scrub sinks
	ductwork penetrations of fire &	2.1 0.0.0.1	that depends on building electrical
	smoke barriers.		service for operation are connected
			to essential electrical system
Part 3/6.8	ENERGY RECOVERY SYSTEMS:	2.1-8.3.5.2	Electronic health record system
. 4.10,0.0	□ check if <u>not</u> included in project	2.1-0.3.3.2	servers & centralized storage provided
Part 3/6.8.1	Located upstream of filters required		with uninterruptible power supply
i ait 3/0.0.1	by Part 3/6.8.4		with drifficer aptible power supply
	by Fait 3/0.0.4		

2.1-8.3.6	ELECTRICAL RECEPTACLES		 trauma rooms
2.1-8.3.6.1	Receptacles In Corridors:		nurseries
(1)	duplex-grounded receptacles		 central kitchens
	for general use installed 50'-0"		 one-room sterile processing
	apart or less in all corridors		facilities
	duplex-grounded receptacles		 clean workroom of two-
	for general use installed within		room sterile processing
	25'-0" of corridor ends		facilities
			pharmacies
2.1-8.3.6.3	Essential Electrical System		Class 2 & 3 imaging rooms
	Receptacles:		electronic mainframe rooms
(1)	cover plates for electrical		
	receptacles supplied from		(EFs & TERs)
	essential electrical system are		main switchgear
	distinctively colored or marked		electrical rooms
	for identification		 electronic data processing
(2)	same color is used throughout		areas
. ,	facility		 electric closets
	•	(1)(b)	drip pan for drainage piping
2.1-8.4	PLUMBING SYSTEMS		above ceiling of sensitive area
2.1-8.4.2	Plumbing & Other Piping Systems:		□ check if <u>not</u> included in project
2.1-8.4.2.1(3)	no plumbing piping exposed		accessible
()	overhead or on walls where		overflow drain with outlet
	possible accumulation of dust or		located in normally
	soil may create cleaning problem		occupied area that is not
	no plumbing piping exposed		open to restricted area
	overhead or on walls where		
	leaks would create potential for	2.1-8.4.3	PLUMBING FIXTURES
	food contamination	2.1-8.4.3.1(1)	Materials used for plumbing fixtures
2.1-8.4.2.5	Heated Potable Water Distribution		are non-absorptive & acid-resistant
	Systems:		
(2)	heated potable water	2.1-8.4.3.2	Handwashing Station Sinks:
· /	distribution systems serving	(1)	designed with basins & faucets
			that reduce risk of splashing to
	patient care areas are under		
	patient care areas are under constant recirculation		areas where direct patient care
	constant recirculation non-recirculated fixture branch		areas where direct patient care
	constant recirculation		areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared
(3)(a)	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0"	(2)	areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of
(3)(a)	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0" in length	(2)	areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of no less than 144 square inches
	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0" in length no installation of dead-end piping	(2)	areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of no less than 144 square inches sink basins have min. dimension
(3)(c)	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0" in length no installation of dead-end piping (except for empty risers mains &		areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of no less than 144 square inches sink basins have min. dimension 9 inches in width or length
	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0" in length no installation of dead-end piping (except for empty risers mains & branches for future use)	(2)	areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of no less than 144 square inches sink basins have min. dimension 9 inches in width or length sink basins are made of
(3)(c)	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0" in length no installation of dead-end piping (except for empty risers mains & branches for future use) any existing dead-end piping is removed		areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of no less than 144 square inches sink basins have min. dimension 9 inches in width or length sink basins are made of porcelain, stainless steel or
(3)(c) (3)(b)	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0" in length no installation of dead-end piping (except for empty risers mains & branches for future use) any existing dead-end piping is removed check if not included in project	(3)	areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of no less than 144 square inches sink basins have min. dimension 9 inches in width or length sink basins are made of porcelain, stainless steel or solid-surface materials
(3)(c)	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0" in length no installation of dead-end piping (except for empty risers mains & branches for future use) any existing dead-end piping is removed check if not included in project water-heating system supplies		areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of no less than 144 square inches sink basins have min. dimension 9 inches in width or length sink basins are made of porcelain, stainless steel or solid-surface materials water discharge point of
(3)(c) (3)(b)	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0" in length no installation of dead-end piping (except for empty risers mains & branches for future use) any existing dead-end piping is removed check if not included in project	(3)	areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of no less than 144 square inches sink basins have min. dimension 9 inches in width or length sink basins are made of porcelain, stainless steel or solid-surface materials water discharge point of faucets is at least 10 inches
(3)(c) (3)(b)	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0" in length no installation of dead-end piping (except for empty risers mains & branches for future use) any existing dead-end piping is removed check if not included in project water-heating system supplies water at temperatures &	(3) (5)	areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of no less than 144 square inches sink basins have min. dimension 9 inches in width or length sink basins are made of porcelain, stainless steel or solid-surface materials water discharge point of faucets is at least 10 inches above bottom of basin
(3)(c) (3)(b) (4)(a)	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0" in length no installation of dead-end piping (except for empty risers mains & branches for future use) any existing dead-end piping is removed check if not included in project water-heating system supplies water at temperatures & amounts indicated in Table 2.1-4	(3)	areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of no less than 144 square inches sink basins have min. dimension 9 inches in width or length sink basins are made of porcelain, stainless steel or solid-surface materials water discharge point of faucets is at least 10 inches above bottom of basin anchored so that allowable
(3)(c) (3)(b) (4)(a) 2.1-8.4.2.6	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0" in length no installation of dead-end piping (except for empty risers mains & branches for future use) any existing dead-end piping is removed check if not included in project water-heating system supplies water at temperatures & amounts indicated in Table 2.1-4 Drainage Systems:	(3) (5)	areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of no less than 144 square inches sink basins have min. dimension 9 inches in width or length sink basins are made of porcelain, stainless steel or solid-surface materials water discharge point of faucets is at least 10 inches above bottom of basin anchored so that allowable stresses are not exceeded
(3)(c) (3)(b) (4)(a)	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0" in length no installation of dead-end piping (except for empty risers mains & branches for future use) any existing dead-end piping is removed check if not included in project water-heating system supplies water at temperatures & amounts indicated in Table 2.1-4	(3) (5)	areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of no less than 144 square inches sink basins have min. dimension 9 inches in width or length sink basins are made of porcelain, stainless steel or solid-surface materials water discharge point of faucets is at least 10 inches above bottom of basin anchored so that allowable stresses are not exceeded where vertical or horizontal
(3)(c) (3)(b) (4)(a) 2.1-8.4.2.6	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0" in length no installation of dead-end piping (except for empty risers mains & branches for future use) any existing dead-end piping is removed check if not included in project water-heating system supplies water at temperatures & amounts indicated in Table 2.1-4 Drainage Systems: drainage piping installed above	(3) (5) (7)	areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of no less than 144 square inches sink basins have min. dimension 9 inches in width or length sink basins are made of porcelain, stainless steel or solid-surface materials water discharge point of faucets is at least 10 inches above bottom of basin anchored so that allowable stresses are not exceeded where vertical or horizontal force of 250 lbs. is applied
(3)(c) (3)(b) (4)(a) 2.1-8.4.2.6	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0" in length no installation of dead-end piping (except for empty risers mains & branches for future use) any existing dead-end piping is removed check if not included in project water-heating system supplies water at temperatures & amounts indicated in Table 2.1-4 Drainage Systems: drainage piping installed above ceiling of or exposed in rooms	(3) (5)	areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of no less than 144 square inches sink basins have min. dimension 9 inches in width or length sink basins are made of porcelain, stainless steel or solid-surface materials water discharge point of faucets is at least 10 inches above bottom of basin anchored so that allowable stresses are not exceeded where vertical or horizontal force of 250 lbs. is applied sinks used by medical &
(3)(c) (3)(b) (4)(a) 2.1-8.4.2.6	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0" in length no installation of dead-end piping (except for empty risers mains & branches for future use) any existing dead-end piping is removed check if not included in project water-heating system supplies water at temperatures & amounts indicated in Table 2.1-4 Drainage Systems: drainage piping installed above ceiling of or exposed in rooms listed below piping have special	(3) (5) (7)	areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of no less than 144 square inches sink basins have min. dimension 9 inches in width or length sink basins are made of porcelain, stainless steel or solid-surface materials water discharge point of faucets is at least 10 inches above bottom of basin anchored so that allowable stresses are not exceeded where vertical or horizontal force of 250 lbs. is applied sinks used by medical & nursing staff, patients, public &
(3)(c) (3)(b) (4)(a) 2.1-8.4.2.6	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0" in length no installation of dead-end piping (except for empty risers mains & branches for future use) any existing dead-end piping is removed check if not included in project water-heating system supplies water at temperatures & amounts indicated in Table 2.1-4 Drainage Systems: drainage piping installed above ceiling of or exposed in rooms listed below piping have special provisions (e.g. double wall	(3) (5) (7)	areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of no less than 144 square inches sink basins have min. dimension 9 inches in width or length sink basins are made of porcelain, stainless steel or solid-surface materials water discharge point of faucets is at least 10 inches above bottom of basin anchored so that allowable stresses are not exceeded where vertical or horizontal force of 250 lbs. is applied sinks used by medical & nursing staff, patients, public & food handlers have fittings that
(3)(c) (3)(b) (4)(a) 2.1-8.4.2.6	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0" in length no installation of dead-end piping (except for empty risers mains & branches for future use) any existing dead-end piping is removed check if not included in project water-heating system supplies water at temperatures & amounts indicated in Table 2.1-4 Drainage Systems: drainage piping installed above ceiling of or exposed in rooms listed below piping have special provisions (e.g. double wall containment piping or oversized	(3) (5) (7)	areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of no less than 144 square inches sink basins have min. dimension 9 inches in width or length sink basins are made of porcelain, stainless steel or solid-surface materials water discharge point of faucets is at least 10 inches above bottom of basin anchored so that allowable stresses are not exceeded where vertical or horizontal force of 250 lbs. is applied sinks used by medical & nursing staff, patients, public & food handlers have fittings that can be operated without using
(3)(c) (3)(b) (4)(a) 2.1-8.4.2.6	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0" in length no installation of dead-end piping (except for empty risers mains & branches for future use) any existing dead-end piping is removed check if not included in project water-heating system supplies water at temperatures & amounts indicated in Table 2.1-4 Drainage Systems: drainage piping installed above ceiling of or exposed in rooms listed below piping have special provisions (e.g. double wall containment piping or oversized drip pans) to protect space below from leakage & condensation	(3) (5) (7)	areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of no less than 144 square inches sink basins have min. dimension 9 inches in width or length sink basins are made of porcelain, stainless steel or solid-surface materials water discharge point of faucets is at least 10 inches above bottom of basin anchored so that allowable stresses are not exceeded where vertical or horizontal force of 250 lbs. is applied sinks used by medical & nursing staff, patients, public & food handlers have fittings that can be operated without using hands (may be single-lever or
(3)(c) (3)(b) (4)(a) 2.1-8.4.2.6	constant recirculation non-recirculated fixture branch piping does not exceed 25'-0" in length no installation of dead-end piping (except for empty risers mains & branches for future use) any existing dead-end piping is removed check if not included in project water-heating system supplies water at temperatures & amounts indicated in Table 2.1-4 Drainage Systems: drainage piping installed above ceiling of or exposed in rooms listed below piping have special provisions (e.g. double wall containment piping or oversized drip pans) to protect space below from leakage & condensation operating rooms	(3) (5) (7)	areas where direct patient care is provided, sterile procedures are performed, medications are prepared or food is prepared sink basins have nominal size of no less than 144 square inches sink basins have min. dimension 9 inches in width or length sink basins are made of porcelain, stainless steel or solid-surface materials water discharge point of faucets is at least 10 inches above bottom of basin anchored so that allowable stresses are not exceeded where vertical or horizontal force of 250 lbs. is applied sinks used by medical & nursing staff, patients, public & food handlers have fittings that can be operated without using
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(a)	 blade handles □ check if <u>not</u> included in project at least 4 inches in length provide clearance required
(b)	for operation sensor-regulated water fixtures 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
2.1-8.6.2	ELECTRONIC SURVEILLANCE SYSTEMS
2.1-8.6.2.1	☐ check if <u>not</u> included in project Display screens in patient areas are mounted in tamper-resistant enclosure that is unobtrusive
2.1-8.6.2.2	Display screens are located so they are not readily observable by
2.1-8.6.2.3	general public or patients Electronic surveillance systems receive power from essential electrical system