COMPLIANCE CHECKLIST

IP21: Renal Dialysis Services

The following checklist is intended to be used in the plan review applications for health care facilities submitted to the Massachusetts Department of Public Health. This checklist summarizes and references the applicable requirements from the Licensure Regulations and the 2014 Edition of the FGI Guidelines for Design and Construction of Hospitals and Outpatient Facilities. Applicants must verify compliance of the plans submitted to the Department with all referenced requirements from the Licensure Regulations and FGI Guidelines when completing this Checklist. A separate Checklist must be completed for each nursing unit, hospital or clinic department, or clinical suite.

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

- State Building Code (780 CMR)
- Joint Commission on the Accreditation of Health Care Organizations
- CDC Guidelines for Preventing the Transmission of Mycobacterium Tuberculosis in Health Care Facilities
- USP 797
- Accessibility Guidelines of the Americans with Disabilities Act (ADA)
- Architectural Access Board Regulations (521 CMR)
- Local Authorities having jurisdiction.

Instructions:
1. All requirement lines must be completed according to the following instructions and included in the plan submissions for Self-Certification Process or Part II of the Abbreviated Review Process.
2. This checklist must be completed by the project architect or engineer based on the design actually reflected in the plans at the time of completion of the checklist.
3. Each requirement line (___) of this Checklist must be completed exclusively with one of the following symbols, unless otherwise directed in the checklist. If a functional space is not affected by a renovation project, the symbol “E” may be indicated on the requirement line (___) before the name of the functional space (associated requirements on indented lines below that name, or associated MEP requirements do not have to be completed in this case). If more than one functional space serves a given required function (e.g. patient room or exam room), that clarification should be provided in the Project Narrative, and the requirement lines are understood to only address the functional spaces that are involved in the project.

X = Requirement is met, for new space, for renovated space, or for existing direct support space for an expanded service.

□ = 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:
Initial Date:
Revision Date:

MDPH/DHCFLC 05/15 IP21
Architectural Requirements

2.2-3.10

RENAL DIALYSIS SERVICES
(INPATIENT ACUTE & CHRONIC)

2.2-3.10.2

HEMODIALYSIS TREATMENT AREA

2.2-3.10.2.2

Space Requirements:

___ treatment bays with dialysis chairs
☐ check if not included in project

(1)(a)
___ min. clear floor area 80 sf

(2)
___ min. clearance 4'-0" between chairs

___ treatment bays with beds
☐ check if not included in project

(1)(b)
___ min. clear floor area 90 sf

(2)
___ min. clearance 4'-0" between beds

2.2-3.10.2.4

___ Space accommodates provisions for patient privacy

2.2-3.10.2.5

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

2.2-3.10.2.5(2)
___ handwashing station located at entry to hemodialysis treatment area for use by patients, their escorts & visitors

2.2-3.10.2.6

___ Patient toilet room

Building Systems Requirements

Ventilation:

___ Min. 6 air changes per hour Table 7.1

Power:

___ Min. 8 receptacles in room Table 2.1-1

___ Min. 4 receptacles on each side of bed or lounge chair

___ Include 2 receptacles on emergency power on each side of bed or lounge chair

2.2-3.10.6

SUPPORT AREAS FOR RENAL DIALYSIS UNIT (may be shared with inpatient unit)

2.2-3.10.6.1

___ Nurse station

(1)
___ located in hemodialysis treatment area

(2)
___ designed to provide visual observation of all individual dialysis treatment bays

2.2-3.10.6.6

___ Medication safety zone

(1)
 ___ medication preparation room or self-contained medication dispensing unit

2.2-3.10.6.6(2)

___ centrally located in dialysis unit

___ at least 6'-0" from any individual dialysis treatment chair or bed
## Architectural Requirements

<table>
<thead>
<tr>
<th>2.1-2.6.6</th>
<th>__</th>
<th>Medication safety zones</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1-2.6.6.1(2)</td>
<td>___</td>
<td>located out of circulation paths to minimize distraction &amp; interruption</td>
</tr>
<tr>
<td>(a)</td>
<td>___</td>
<td>work counters</td>
</tr>
<tr>
<td>(c)</td>
<td>___</td>
<td>task lighting</td>
</tr>
<tr>
<td>(d)</td>
<td>___</td>
<td>meet acoustic design criteria per 1.2-5.1</td>
</tr>
<tr>
<td>(e)</td>
<td>___</td>
<td>located out of circulation paths to minimize distraction &amp; interruption</td>
</tr>
<tr>
<td>___</td>
<td>work counters</td>
<td></td>
</tr>
<tr>
<td>___</td>
<td>task lighting</td>
<td></td>
</tr>
<tr>
<td>___</td>
<td>meet acoustic design criteria per 1.2-5.1</td>
<td></td>
</tr>
</tbody>
</table>

## Building Systems Requirements

| Ventilation: | __ Min. 4 air changes per hour | Table 7.1 |
| Nurse Call System: | __ Duty station | Table 2.1-2 |
| ____ | Positive pressure |
| ____ | Negative pressure |
| || Duty station |

### Sharps Containers:

- check if not included in project
- ___ sharps containers placed at height that allows users to see top of container
- ___ space to prepare medicines in addition to any self-contained medicine-dispensing unit
- check if not included in project
- ___ located at nurse station, in clean workroom or in an alcove
- ___ lockable unit to secure controlled drugs
- ___ handwashing station located next to stationary medication-dispensing units

### Ventilation:

- Min. 4 air changes per hour
- Positive pressure
- Negative pressure
- Exhaust
- Duty station

### Nurse Call System:

- Duty station

### Table 7.1

<table>
<thead>
<tr>
<th>2.1-2.6.9</th>
<th>___</th>
<th>Clean workroom or clean supply room</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1-2.6.9.1</td>
<td>___</td>
<td>clean workroom used for preparing patient care items</td>
</tr>
<tr>
<td>(1)</td>
<td>___</td>
<td>work counter</td>
</tr>
<tr>
<td>(2)</td>
<td>___</td>
<td>handwashing station</td>
</tr>
<tr>
<td>(3)</td>
<td>___</td>
<td>storage facilities for clean &amp; sterile supplies</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.1-2.6.9.2</td>
<td>___</td>
<td>clean supply room used only for storage &amp; holding as part of system for distribution of clean &amp; sterile supplies</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Ventilation:

- Min. 4 air changes per hour
- Positive pressure

### Nurse Call System:

- Duty station

### Table 7.1

<table>
<thead>
<tr>
<th>2.1-2.6.10</th>
<th>___</th>
<th>Soiled workroom or soiled holding room</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1-2.6.10.1</td>
<td>___</td>
<td>soiled workroom room</td>
</tr>
<tr>
<td>(1)</td>
<td>___</td>
<td>handwashing station</td>
</tr>
<tr>
<td>(2)</td>
<td>___</td>
<td>flushing-rim clinical service sink with bedpan washer</td>
</tr>
<tr>
<td>(3)</td>
<td>___</td>
<td>work counter</td>
</tr>
<tr>
<td>(4)</td>
<td>___</td>
<td>space for separate covered containers</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Architectural Requirements**

2.1-2.6.10.2

<table>
<thead>
<tr>
<th></th>
<th>Requirement</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>soiled holding room</td>
<td></td>
</tr>
<tr>
<td>(a)</td>
<td>handwashing station or hand sanitation station</td>
<td></td>
</tr>
<tr>
<td>(b)</td>
<td>space for separate covered containers</td>
<td></td>
</tr>
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2.1-2.6.11.1

<table>
<thead>
<tr>
<th></th>
<th>Requirement</th>
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</thead>
<tbody>
<tr>
<td>(1)</td>
<td>clean linen storage</td>
<td></td>
</tr>
<tr>
<td>(2)</td>
<td>covered cart distribution system</td>
<td></td>
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</tbody>
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2.2-3.10.6.11(2)

<table>
<thead>
<tr>
<th></th>
<th>Requirement</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Supply areas or supply carts</td>
<td></td>
</tr>
</tbody>
</table>

2.1-2.6.11.3

<table>
<thead>
<tr>
<th></th>
<th>Requirement</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Storage space for stretchers &amp; wheelchairs</td>
<td></td>
</tr>
</tbody>
</table>

2.2-3.10.6.12

<table>
<thead>
<tr>
<th></th>
<th>Requirement</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>adjacent* to dialysis unit</td>
<td></td>
</tr>
<tr>
<td>(2)</td>
<td>water supply &amp; drain connection for testing machines</td>
<td></td>
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2.1-2.6.12.2

<table>
<thead>
<tr>
<th></th>
<th>Requirement</th>
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</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>service sink or floor-mounted mop sink</td>
<td></td>
</tr>
<tr>
<td>(2)</td>
<td>provisions for storage of supplies &amp; housekeeping equipment</td>
<td></td>
</tr>
<tr>
<td>(3)</td>
<td>handwashing station or hand sanitation station</td>
<td></td>
</tr>
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</table>

2.2-3.10.6.13

<table>
<thead>
<tr>
<th></th>
<th>Requirement</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Dialyzer reprocessing room</td>
<td></td>
</tr>
<tr>
<td>(1)</td>
<td>one-way flow of materials from soiled to clean</td>
<td></td>
</tr>
<tr>
<td>(2)</td>
<td>provisions for refrigeration for temporary storage of dialyzers</td>
<td></td>
</tr>
<tr>
<td>(a)</td>
<td>decontamination/cleaning areas</td>
<td></td>
</tr>
<tr>
<td>(b)</td>
<td>sinks</td>
<td></td>
</tr>
<tr>
<td>(c)</td>
<td>processors</td>
<td></td>
</tr>
<tr>
<td>(d)</td>
<td>computer processors &amp; label printers</td>
<td></td>
</tr>
<tr>
<td>(e)</td>
<td>packaging area</td>
<td></td>
</tr>
<tr>
<td>(f)</td>
<td>dialyzer storage cabinets</td>
<td></td>
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2.2-3.10.6.14

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<tr>
<th></th>
<th>Requirement</th>
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<tbody>
<tr>
<td></td>
<td>Dialysate preparation room</td>
<td></td>
</tr>
<tr>
<td>(2)</td>
<td>handwashing station</td>
<td></td>
</tr>
<tr>
<td>(a)</td>
<td>storage space</td>
<td></td>
</tr>
<tr>
<td>(b)</td>
<td>work counter</td>
<td></td>
</tr>
<tr>
<td>(c)</td>
<td>holding tanks</td>
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</tr>
<tr>
<td>(d)</td>
<td>floor drain</td>
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**Building Systems Requirements**

Ventilation:

<table>
<thead>
<tr>
<th></th>
<th>Requirement</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Min. 10 air changes per hour</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Exhaust</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Negative pressure</td>
<td></td>
</tr>
</tbody>
</table>
Architectural Requirements

2.2-3.10.6.15 ___ Hemodialysis water treatment equipment area
   ___ water treatment equipment located in dedicated secure area with space to access all components of equipment
   (1) ___ area includes drain
   (2) ___ area part of an overall secure room

2.2-3.10.6.16 ___ Equipment repair room
   (1) ___ handwashing station
   (2) ___ treated water outlet for equipment maintenance
   (3) ___ drain or clinical service sink for equipment connection & testing
   (4) ___ work counter
   (5) ___ storage cabinet

2.2-3.10.7 SUPPORT AREAS FOR STAFF
   (may be shared with adjacent* nursing units)

2.2-3.10.7.2 (1) ___ Lockers
   (2) ___ Toilet room
   (3) ___ Handwashing stations
   (4) ___ Eyewash station & emergency shower
   Ventilation:
   ___ Min. 10 air changes per hour
   ___ Exhaust

2.2-3.10.8 SUPPORT AREAS FOR PATIENTS

2.2-3.10.8.1 ___ Waiting room
2.2-3.10.8.2 ___ Toilet room
   ___ handwashing station
   Ventilation:
   ___ Min. 10 air changes per hour
   ___ Exhaust

2.2-3.10.8.3 ___ Source of drinking water
2.2-3.10.8.4 ___ Access to make local phone calls
2.2-3.10.8.5 ___ Seating accommodations for waiting periods
2.2-3.10.8.6 ___ Storage for patient belongings

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
   ___ Code Review Sheet establishing compliance with NFPA 101 has been submitted

2.1-7.2.2.2 CEILING HEIGHT:
   (1) ___ Min. ceiling height 7'-6" in corridors & normally unoccupied spaces
   (2) ___ Min. height 7'-0" in radiography, procedure & operating rooms from floor to lowest protruding element of equipment or fixture in stowed position
   (4) ___ Min. height 7'-6" above floor of suspended tracks, rails & pipes located in traffic path for patients in beds and/or on stretchers
   ___ Min. ceiling height 7'-10" in other areas

2.1-7.2.2.3 DOORS & DOOR HARDWARE:
   (1) ___ Doors between corridors, rooms, or spaces subject to occupancy swing type or sliding doors
(b) ___ Sliding doors
☐ check if not included in project
☐ manual or automatic sliding doors comply with NFPA 101
☐ code review sheet attached
☐ no floor tracks

(2)
(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)

(4)
(b) ___ Lever hardware

(5)
(b) ___ Doors for patient toilet facilities

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

(2) ___ 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) ___ Washable wall finishes

(a) ___ Wall finishes near plumbing fixtures smooth, scrubbable & water-resistant

(b) ___ Monolithic wall surfaces in areas routinely subjected to wet spray or splatter

(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:
   ___ cleanable with routine housekeeping equipment
   ___ acoustic & lay-in ceilings
   ___ check if not included in project
   ___ do not create ledges or crevices

(2) 

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

4/6.3.1 Outdoor Air Intakes:
4/6.3.1.1 ___ Located min. 25 feet from cooling towers & all exhaust & vent discharges
        ___ Bottom of air intake is at least 6'-0" above grade

4/6.3.1.2 Roof Mounted Air Intakes:
   ___ check if not included in project
   ___ bottom min. 3'-0" above roof level

4/6.4 Filtration:
   ___ 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

4/7.1 Space Ventilation:
   ___ Spaces ventilated per Table 7.1
   ___ Air movement from clean areas to less clean areas

Acoustic Considerations:
2.1-8.2.1.1 ___ Equipment location or acoustic provisions limit noise associated with outdoor mechanical equipment to 65 dBA at building façade

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
   (c) ___ Accessible to authorized persons only
   (d) ___ 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

2.1-8.3.2.3 Ground-Fault Circuit Interrupters in Critical Care Areas:
   ___ check if not included in project
   (2) ___ Provisions made to ensure that essential equip is not affected by activation of one interrupter

2.1-8.3.3.1 EMERGENCY ELECTRICAL SERVICE
(1) ___ Emergency power per NFPA 99, NFPA 101 & NFPA 110
2.1-8.3.4 LIGHTING
2.1-8.3.4.2 Light fixtures in wet smooth, cleanable, shatter-resistant lenses & no exposed lamps

2.1-8.3.5 ELECTRICAL EQUIPMENT
2.1-8.3.5.2 Required handwashing station 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
2.1-8.3.7.1 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
2.1-8.3.7.1.2 Nurse call systems report to attended location with electronically supervised visual & audible signals
2.1-8.3.7.1.4 Call systems meet requirements of UL 1069 Standard for Hospital Signaling & Nurse Call Equipment
2.1-8.3.7.1.5 Wireless system check if not included in project meet requirements of UL 1069

2.1-8.3.7.3 Bath Stations:
2.1-8.3.7.3.1 provided at each patient toilet
2.1-8.3.7.3.3 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
2.1-8.4.2.2 Hemodialysis/Hemoperfusion Water Distribution:
2.1-8.4.2.2.1 Separate treated water distribution system check if not included in project
2.1-8.4.2.2.2.2 treated water outlet for each individual hemodialysis treatment bay, hemodialysis equipment repair area & dialysate preparation area

2.1-8.4.2.5 Heated Potable Water Distribution Systems:
2.1-8.4.2.5.1 systems serving patient care areas are under constant recirculation
2.1-8.4.2.5.2 non-recirculated fixture branch piping does not exceed 25'-0" in length
2.1-8.4.2.5.3 no dead-end piping
2.1-8.4.2.5.4 water-heating system has supply capacity at minimum temperatures & amounts indicated in Table 2.1-3

2.1-8.4.2.6 Drainage Systems:
2.1-8.4.2.6.1 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 | 2.1-8.4.4 | MEDICAL GAS & VACUUM SYSTEMS |
|     | ___ made of porcelain, stainless steel, or solid-surface materials |     |     |
|     | ___ water discharge point of faucets at least 10 inches above bottom of basin |     |     |
| (3) | ___ anchoring for sinks withstands min. vertical or horizontal force of 250 lbs. |     |     |
| (5) | ___ 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 |     |     |
|     | 2.1-8.4.3.4 | Ice-Making Equipment: |     |
|     | ___ copper tubing provided for supply connections |     |     |
| 2.1-8.3.5 | Clinical Sinks: |     |     |
|     | (1) check if not included in project |     |     |
|     | ___ 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 |     |     |
|     | 2.1-8.4.4.2 | 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 |     |