

COMPLIANCE CHECKLIST

LTC1: Long Term Care Facility – Level II & Level III Nursing Care Units

The following checklist is for plan review of new long-term care facilities and new additions to existing long-term care facilities. This checklist also applies to renovations projects affecting long-term care facilities constructed under the regulations effective March 19, 1968, or under their subsequent revisions. This checklist is derived from long-term care licensure regulations 105 CMR 150.000, entitled "Standards for Long-Term Care Facilities", as well as relevant parts of Chapter 111 of Massachusetts General Laws (specific sections indicated below). Applicants must verify project compliance with all licensure requirements when filling out this checklist, and must include the DPH Affidavit when submitting project documents according to the Self-Certification or Abbreviated Review process.

A separate checklist must be completed for each nursing care unit affected by the construction project.

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

- NFPA 101 Life Safety Code and applicable related standards contained in the appendices of the Code
- 708 CMR State Building Code
- The Joint Commission
- CDC Guidelines for Preventing the Transmission of Tuberculosis in Health-Care Settings
- Accessibility Guidelines of the Americans with Disabilities Act (ADA)
- Architectural Access Board
- Local Authorities having jurisdiction

Instructions:

1. The Checklist must be filled out completely with each application.
2. Each requirement line (___) of this Checklist must be filled in with one of the following codes, unless otherwise directed. If an entire Checklist section is affected by a renovation project, "E" for existing conditions may be indicated on the requirement line (___) next to the section title (e.g. E RESIDENTS BEDROOMS).

- X** = Requirement is met for new space, for renovated space, or for existing support space for additional beds. = Check this box under selected checklist section titles or individual requirements for services that are not included in the project.
- E** = Functional space or area is existing and not affected by the construction project; this category does not apply to existing support spaces if the project includes additional beds. **W** = Waiver requested for regulation that is not met (for each waiver request, complete separate Waiver Form & list the regulation reference number on the Affidavit).

Facility Name:

.....

Facility Address:

.....

Project Description:

.....

DoN Project Number: (if applicable)

.....

Nursing Care Unit Bed Complement:

Current = Proposed =

Building/Floor Location:

.....

Submission Dates:

Initial Date:

Revision Date:

Architectural Requirements

Building Systems Requirements

- 150.300 **MAXIMUM NUMBER OF BEDS**
 (A) Level II unit (Skilled Nursing Care Unit) consists of not more than 41 beds
 check if not included in project
 (B) Level III unit (Supportive Nursing Care Unit) consists of not more than 60 beds
 check if not included in project
 (C) Nursing care unit does not encompass beds on more than one floor
 150.001 Identifiable unit includes adjacent rooms

- 150.310 **REQUIRED SUPPORTING ELEMENTS**
 Required supporting elements listed below are centrally located in the nursing care unit:
 Nurse station
 Staff toilet
 Medicine room
 Clean utility room
 Soiled utility room
 Linen storage closet
 Drinking fountain or water dispenser
 Janitor's closet
 Storage room for supplies & equipment

150.320 **RESIDENT BEDROOMS**

Limited Renovations

- check if not included in project
 (B)(1) Occupancy:
 No bedroom contains more than 2 beds¹
 (A) Floor Areas:
 (1) Single occupancy bedrooms
 check if not included in project
 floor area, excluding closet, vestibule & toilet room min. 125 sf
 Multiple occupancy bedrooms
 check if not included in project
 floor area, excluding closet, vestibule & toilet room 90 sf per bed
 (A)(4) Bed Clearances:
 Rooms shaped & sized so each bed can be placed at least 3'-0" from any lateral wall
 Rooms shaped & sized so each bed can be at least 3'-0" from any window or radiator
 Beds spaced at least 3'-0" from any other bed
 Unobstructed passageway of at least 4'-0" maintained at foot of each bed

¹ On and after April 30, 2022
 MDPH/DHCFLC

Architectural Requirements

Building Systems Requirements

New Construction or Reconstruction of Building or Nursing Care Unit²
(as defined by CMS)

check if not included in project

(B)(1) Occupancy:
___ No bedroom contains more than 2 beds

(B)(2) Single Occupancy Bedrooms:
 check if not included in project
Floor Area:
___ Floor area, excluding closet, vestibule & toilet room min. 125 sf
Clearances:
___ Rooms shaped & sized so each bed can be placed with min. clearance of 4'-0" from any lateral wall, window or radiator on transfer side of bed
___ Rooms shaped & sized so each bed can be placed with min. clearance of 3'-0" from any lateral wall, window or radiator on non-transfer side of bed
___ Unobstructed passageway of at least 3'-0" maintained at foot of each bed

Double Occupancy Bedrooms:
 check if not included in project
Floor Area:
___ floor area, excluding closet, vestibule & toilet room 108 sf per bed
Clearances:
___ Rooms shaped & sized so each bed can be placed with min. clearance of 4'-0" from any lateral wall, window or radiator on transfer side of bed
___ Rooms shaped & sized so each bed can be placed with min. clearance of 3'-0" from any lateral wall, window or radiator on non-transfer side of bed
___ Beds spaced at least 6'-0" apart
___ Unobstructed passageway of at least 4'-0" maintained at foot of each bed

All Facilities

(A)(5) ___ Resident bedrooms have floor level above grade level adjacent to building

(A)(6) ___ All resident bedrooms located along exterior walls with window access to exterior

(A)(7) ___ All resident bedrooms open directly to main corridor
___ Each bedroom is permanently & clearly identified by number on or beside each entrance door

Lighting:
___ Lighting fixtures provide uniform distribution of light 150.800(B)
___ Night lights 150.810(B)
___ appropriately located
___ min. 12" above finished floor
___ fixtures recessed into wall
___ slotted covers produce subdued light

² On and after April 30, 2022
MDPH/DHCFLC

Architectural Requirements

Building Systems Requirements

- (A)(8) Each bedroom has cubicle curtains or equivalent built-in devices for privacy for each resident
 - check if not included in project (only if all bedrooms are single occupancy)

- (A)(9) Each resident bedroom contains closet
 - closet interior space min. 2'-0" by 2'-0" per resident
 - closet with at least 5'-0" clear hanging space for storage of personal belongings
 - each resident bedroom contains either built-in or free-standing multiple-drawer bureau not less than 2'-0" wide with min. of one drawer per resident

- (A)(10) Furnishings Accommodated in Each Bedroom:
 - hospital-type beds min. 76" long by 36" wide
 - hospital-type bedside cabinet
 - easy chair or comfortable straight-back armchair

- 150.015 (F)(4) (a) Each resident room has direct outside exposure with adequate, unobstructed natural light
 - Each resident room has adequate ventilation

- 150.330 (A) **SPECIAL CARE ROOM**
 - Single bedroom provided for occupancy by resident requiring isolation or intensive care
 - check if not included in project (only if all bedrooms in nursing care unit are single occupancy rooms with separate toilet, lavatory & bathing fixture)
 - located in close proximity to nurse station
 - no direct access to any other resident room
 - meets all resident bedrooms requirements

- (B) separate toilet, lavatory & bathing fixture

- controlled either by switch at entrance to bedroom or from nurse station 150.810(D)

- Reading light for each resident 150.820
 - wall-mounted reading light
 - mounted directly over each bed
 - min. 64" from finished floor
 - or**
 - reading lamp located on bedside cabinet
 - stable & secure to minimize risk of fire
 - light switch located for easy operation by resident lying in bed

- Power:
 - 1 duplex receptacle per bed on headwall 150.840(A)
 - on emergency power 150.830(D)
 - 1 duplex receptacle on another wall

- Nurse call System: 150.850(A)
 - 1 call station for each bed

| | Architectural Requirements | Building Systems Requirements |
|---------|--|---|
| 150.340 | <p>NURSE STATION</p> <p>___ Nurse station</p> <p>___ conveniently located within each nursing unit</p> <p>___ all bedrooms are private</p> <p>___ nurse station located not more than 150 feet from entrance to any resident bedroom</p> <p>or</p> <p>___ not all bedrooms are private</p> <p>___ nurse station located not more than 100 feet from entrance to any resident bedroom</p> | |
| (B) | <p>___ each nurse station sized to accommodate nursing & other clinical staff scheduled to be present during any given shift</p> | <p>Ventilation:</p> <p>___ Min. 10 air changes/hour 150.710(A)(4)</p> <p>Lighting:</p> <p>___ Emergency electrical connections to lighting circuits 150.830(C)</p> <p>Nurse Call System:</p> <p>___ Master station 150.850(C)</p> |
| 150.350 | <p>MEDICINE ROOM - NURSING CARE UNITS</p> <p>___ Separate, locked medicine room</p> <p>___ sufficient square footage to accommodate staff working with medications</p> <p>___ provided directly off or immediately adjacent to each nurse station</p> | <p>Ventilation:</p> <p>___ Min. 10 air changes/hour MGL C. 111 S. 72C</p> |
| (B) | <p>___ sufficient storage space</p> <p>___ equipped with counter top & sink with hot & cold running water</p> | <p>Lighting:</p> <p>___ Emergency electrical connections to lighting circuits 150.830(C)</p> |
| (C) | <p>___ separate locked compartment provided for storage of narcotics & other dangerous drugs</p> | |
| (D) | <p>___ refrigerator for medications</p> | <p>Power:</p> <p>___ Receptacle on emergency power 150.830(D)</p> |
| 150.360 | <p>ACTIVITY AREA</p> <p>___ Day room solarium, sitting room or equivalent area with direct outside exposure provided in each unit</p> <p>___ min. area of 9 sf for each bed in nursing care unit</p> | <p>Lighting:</p> <p>___ Emergency electrical connections to lighting circuits 150.830(C)</p> <p>Nurse Call System:</p> <p>___ Emergency pull-cord call station 150.850(A)</p> |

Architectural Requirements

Building Systems Requirements

- 150.370 **RESIDENT BATHING & TOILET ROOMS**
- (A) **Bathing Facilities:**
- Bathing facilities provided in ratio of not less than one per 15 residents
 - One of bathing facilities in long-term care facility is free-standing tub
 - accessible from two sides & one end with min. 3'-0" clearance
 - equipped with acceptable type bath lift
- (B) **Showers**
- shower floors flush & without curbs
 - floor sloped to center of shower stall
 - mixing valves & controls mounted outside shower stall
 - shower enclosure not less than 4'-0" by 4'-0"
 - or**
 - shower enclosure not less than 5'-0" wide by 30" deep
 - private dressing area adjoining each common shower enclosure
 - all common bathing facilities separated by solid wall partitions or dividers
 - check if not included in project (only if nursing care unit has only private bathing facilities)
- (D) **Tub & shower enclosures equipped with grab bars**
- grab bars, accessories & anchorage meet structural & strength requirements in Architectural Access Board Regulations (521 CMR 5.0)

- Ventilation:**
- Min. 10 air changes/hour 150.710
 - Exhaust (A)(2)&(C)
- Nurse call System:**
- Emergency pull-cord call station 150.850(B)
- Ventilation:**
- Min. 10 air changes/hour 150.710
 - Exhaust (A)(2) & (C)
- Nurse call System:**
- Emergency pull-cord call station 150.850(B)
- Toilets & Handwashing Facilities:**
- (C)
- Min. 10 air changes/hour 150.710
 - Exhaust (A)(2)&(C)
- (1) **Resident bedrooms provided with at least one water closet & one lavatory (may be positioned between adjacent rooms)**
- directly accessible from each bedroom
- Night Lights:**
- Min. 15 watts incandescent equivalent 150.810(C)
 - fixtures mounted not less than 12" from finished floor
 - Resident night lights controlled either by switch at entrance to resident bedroom or from nurse station 150.810(D)
- Nurse call System:**
- Emergency pull-cord call station 150.850(B)

Architectural Requirements

Building Systems Requirements

- (2) One water closet & one lavatory provided for residents of each sex on each unit
 - located in areas convenient to day rooms & any unit dining rooms
 - sized to accommodate residents wheelchairs
- (3) Common Toilet Facilities:
 - check if not included in project
 - all separated by solid wall partitions or dividers
- (D) Toilets are equipped with grab bars
 - grab bars, accessories & anchorage meet structural & strength requirements in Architectural Access Board Regulations (521 CMR 5.0)

- Ventilation:
 - Min. 10 air changes/hour
 - Exhaust
- Nurse call System:
 - Emergency pull-cord call station

150.380 **STORAGE AREAS - NURSING CARE UNITS**

- (A) Linen storage closet provided in each unit
 - designed for storage of daily linen needs
- (B) Janitor's Closet
 - (1) one janitor's closet provided for each unit
 - (2) service sink equipped with hot & cold running water
 - (3) adequate space for housekeeping equipment
 - shelving for storage of cleaning supplies

- Ventilation:
 - Min. 10 air changes/hour
 - Exhaust

- 150.016 separate from utility rooms & toilet rooms
- (C)(3) does not open off utility room or toilet room

- (C) General storage closet
- (C)(1) clear area large enough to permit easy storage of wheelchairs, lockers, resident lifts & other types of equipment

- unit contains 20 or fewer single occupancy bedrooms & no multi-bed rooms
- adequately sized storage closet
- or**
- unit contains over 20 single occupancy resident bedrooms or has multi-bed rooms
- min. 50 sf storage closet

- (C)(2) Oxygen storage room
 - check if not included in project
 - provided in accordance with National Fire Protection Association Code

- Ventilation:
 - Min. 10 air changes/hour
 - Exhaust

Architectural Requirements

Building Systems Requirements

150.390

UTILITY ROOMS

(B)

- Clean utility room
 - wall hung & base cabinets
 - counter top
 - sink with hot & cold running water & gooseneck faucet
- unit contains 20 or fewer single occupancy bedrooms & no multi-bed rooms
 - adequately sized clean utility room
- or**
- unit contains over 20 single occupancy resident bedrooms or has multi-bed rooms
 - min. area 70 sf
 - min. dimension 6'-0"

- Ventilation:
- Min. 10 air changes/hour 150.710(A)(4)
 - Exhaust

(C)

- Soiled utility room
 - service sink with gooseneck faucet & hot & cold running water
- clinical service sink
- or**
- device to ensure adequate waste disposal
- means for washing & sanitizing equipment
- work counter with contiguous space at least 24" wide & 36" high by 4'-0" long
- handwashing facilities
- unit contains 20 or fewer single occupancy bedrooms & no multi-bed rooms
 - adequately sized soiled utility room
- or**
- unit contains over 20 single occupancy resident bedrooms or has multi-bed rooms
 - min. area 70 sf
 - min. dimension 6'-0"

- Ventilation:
- Min. 10 air changes/hour 150.710
 - Exhaust (A)(4)&(C)

Architectural Requirements

Building Systems Requirements

- 150.023 **DEMENTIA SPECIAL CARE UNIT**
 - DSCU means facility or unit that uses any word, term, phrase, or image, or suggests in any way, that it is capable of providing specialized care for residents with dementia
 - check if not included in project

- 150.029(A) DSCU encompasses entirety of Level II or Level III nursing care unit

- 150.029(B) Access design of DSCU does not require visitors or staff to pass through unit to reach other areas of facility

- 150.029(C) Outdoor Recreation Space
 - (1) secured outdoor space & walkways allowing residents to ambulate, with or without assistive devices such as wheelchairs or walkers
 - prevents undetected egress
 - (2) such outdoor space & walkways are wheelchair accessible
 - (3) residents have access to secured outdoor space & walkways during reasonable times with supervision appropriate to each resident
 - (4) outdoor recreation space has fencing or barriers that prevent injury & elopement

- Lighting:
 - Adequate & evenly distributed lighting that minimizes glare & shadows
 - Artificial lighting meets following minimum lighting levels in FCs (FC):
 - bedroom: 30 FC
 - toilet room: 30 FC
 - bathroom: 30 FC
 - activity room: 30 FC
 - dining room: 50 FC
 - corridors: 30 FC

- 150.029(E) Finishes:
 - (1) Finishes include high visual contrasts between floors & walls
 - Finishes include high visual contrasts between doorways & walls in resident use areas
 - Finishes do not include visual contrasts between walls and doors to fire exits or non-resident use areas
 - (2) Floors, walls & ceilings non-reflective to minimize glare
 - (3) Flooring does not include contrasted visual patterns

Architectural Requirements

Building Systems Requirements

- 150.029(F)
(3) Resident Centered Environment:
 ___ Comfortable seating in common use areas

- 150.029(G)
(1) Noise Control:
 ___ Acoustical ceilings in corridors, dining areas & activity areas to reduce noise levels
- (2) ___ No overhead paging system used in DSCU except in case of emergency

- 150.029(H)
(2) Egress Control:
 ___ Electronic locking devices used on exit doors, as approved by local building inspector & fire department
- ___ Electronic locking devices release when following occurs:
 (a) activation of fire alarm or sprinkler system;
 (b) loss of electrical power; or
 (c) use of keypad located at each locked door for routine staff access
- (3) ___ Electronic locking devices are connected to emergency power circuits
- ___ Keypads to lock & unlock exits
 check if not included in project (only if lock operation does not require keypad or if entire nursing home is a DSCU)
- ___ directions for the operation of the keypads is posted on outside of door to allow access
- ___ No door with keyed lock is placed between resident & exit

- 150.029(I)
(1) Safety:
 ___ Windows operable & equipped with secure locks under control of DSCU staff
- (2) ___ DSCU equipped with cooling system capable of maintaining maximum temperature of 75°F throughout resident areas at all times at summer design temperatures

- 150.029(J) Common Space:
 ___ Multipurpose room or rooms for dining, group & individual activities, & family visits
 ___ Included in DSCU
 ___ Min. 10 sf per bed for dining
 ___ Min. 8 sf per bed for group activities
 ___ Min. 9 sf per bed for day room
 ___ Total common space min. 27 sf per bed

Nurse Call System: 150.029
 ___ Sound signal adjustable to (G)(3)
 minimize disruption of
 residents & resident activities

- 150.110 **TYPE OF CONSTRUCTION**
 ___ Facility of type 1B construction
 (complete fire resistance table below)

Fire-Resistance Ratings of Structural Elements

(Type 1B construction per M.G.L. Chapter 111 §71 and 780 CMR/IBC Table 601)

Complete table below with fire-resistance ratings and U.L. numbers for structural elements constituting the proposed structure.

| FIRE RESISTANCE (HOURS) | RATING REQUIRED | | RATING PROVIDED | | U.L. NUMBER | |
|-------------------------|------------------|----------------------|------------------|----------------------|------------------|----------------------|
| | Supporting Floor | Supporting Roof Only | Supporting Floor | Supporting Roof Only | Supporting Floor | Supporting Roof Only |
| EXTERIOR BEARING WALLS | 2 | 2 | | | | |
| INTERIOR BEARING WALLS | 2 | 1 | | | | |
| COLUMNS | 2 | 1 | | | | |
| BEAMS | 2 | 1 | | | | |
| FLOOR STRUCTURE | 2 | | | | | |
| ROOF STRUCTURE | | 1 | | | | |

Architectural Details & MEP Requirements

- 150.600 **CORRIDORS**
 (A)(1) ___ Corridors in areas used primarily by residents min. 8'-0" wide
 ___ Corridor widths in all other corridors comply with 780 CMR Chapter 10 & IBC Section 1018.2
 ___ staff corridor width min. 44" with 50 occupants or more
or
 ___ staff corridor width min. 36" with less than 50 occupants
 (B) ___ Handrails on both sides of corridors
 ___ handrails firmly anchored
 ___ do not project more than 3½" into required min. corridor width
 ___ no less than 30" high above finished floor
 ___ curved returns
 (C) ___ No fixed appurtenance which may reduce required minimum width of corridor, ramp or stair

- 150.610 **INTERIOR RAMPS**
 (A) check if not included in project
 ___ Interior ramps in areas used primarily by residents min. 8'-0" wide
 ___ Widths of all other interior ramps comply with 780 CMR Chapter 10 & IBC Section 1018.2
 (B) ___ Ramp surfaces constructed & maintained in such manner as to prevent slipping
 (D) ___ Handrails provided on both sides of ramps
 ___ handrails firmly anchored
 ___ do not project more than 3½" into required minimum width of ramp
 ___ no less than 30" high above finished floor
 ___ curved returns
 (E) ___ ramps gradient not greater than 8%

- (C) Exits to exterior above grade
 - check if not included in project
 - have at least one ramp leading to grade
 - accommodate residents using wheelchair & litter residents

150.620

STAIRS & STAIRWAYS

- check if not included in project
- (A) Surfaces of treads & landings constructed & maintained so as to prevent slipping
- (B) Handrails provided on both sides of stairs
 - handrails firmly anchored
 - do not project more than 3½” into required min. width of stairs
 - no less than 30” high above finished floor
 - curved returns
- (C) Steps in stairways do not have abrupt (square) nosing
- Risers tapered back approximately 1½” at bottom of each riser
- Risers do not exceed 7 inches

150.630

DOORS & DOORWAYS

- (A) Doors Used by Residents:
 - swing-type
 - min. 41.5” in clear width except doors to toilet rooms & stairways
- Resident Toilet Room Doors:
 - min. 32” in clear width
 - outswinging
 - or**
 - in-swinging, have pivots & manually operated emergency release
 - or**
 - surface mounted sliding doors
 - specifications comply with Life Safety Code
- (B) no locks on doors used by residents
 - or**
 - each lock can be operated without key or tools on both sides of door
- Doors in Exit Stairway Enclosures:
 - check if not included in project
 - min. 32” in clear width
- (C) Outside doors & doorways made draft-free by installation of weather stripping or caulking material

150.640

WINDOWS

- (A) Total glass area of windows in each resident room not less than 10% of entire floor area
- (B) In order to furnish natural fresh air, windows in each resident bedroom operable
- (C) Windows in Resident Areas:
 - window sills at least 30” from finished floor
 - or**
 - window sills less than 30” from finished floor provided with readily removable window guards or special safety beams for protection of residents
- (D) operable windows provided with screens constructed from not less than 16 mesh wire screen
- (E) Outside windows made draft-free by installation of either weather stripping or caulking material

150.650

CARPETING

- Carpet or carpet assemblies
 - check if not included in project
 - installed wall-to-wall
 - not installed in "wet areas", such as laundries, bathrooms, utility rooms, kitchens

150.660

ROOM SURFACE FINISHES

- (B) Interior wall surfaces of all areas assigned for resident housing, care, & recreation, finished with smooth, non-absorbent, washable surface
- Walls of bathrooms, toilet rooms, utility rooms & nourishment kitchen finished to height of at least 72” from finished floor with impervious material
- (C) Floors of bathrooms, toilets, showers, food preparation areas, utility rooms & nourishment kitchens covered with impervious material
- (D) Cove bases provided for all tile floors

150.670

CEILING HEIGHT

- ceiling height min. 8’-0” in areas used by residents

- 150.700 **HEATING & AIR CONDITIONING SYSTEMS**
- (A) Facility equipped with heating system which is sufficient to maintain minimum temperature of 75°F throughout facility at all times at winter design temperatures
 - (B) Heating fixtures & all exposed pipes shielded for safety of residents
 - (C) Each heating fixture equipped with hand temperature controls
or
 Individual automatic room temperature control is provided
 - (D) New Construction or Major Renovations:
 (such as installation HVAC system or complete interior reconstruction)
 check if not included in project
 Facility equipped with cooling system capable of maintaining max. temperature 75°F throughout resident areas affected by new construction or renovation at all times at summer design temperatures
or
 150.017(B) (13)(e) Minor Renovations:
 Existing air conditioning systems maintained or improved in dining rooms, activity rooms, day rooms, solariums, sitting rooms or equivalent other common resident areas
 Air conditioning systems are capable of maintaining max. temperature 75°F in those areas at all times at summer design temperatures
 - 150.710 **VENTILATION SYSTEMS**
 - (D) Ducts penetrating floors or fire rated walls have fire damper at point of penetration
 - (E) Corridors not used as plenums for supply or return air to heating or air conditioning systems

- 150.800 **LIGHTING**
- (A) Electrical lighting provided throughout facility
 - (B) Adequate lighting fixtures installed in each resident room to provide uniform distribution of light
 - 150.810 **Night Light Locations:**
 - (A) corridors
 stairways
 nurse stations
 - 150.015(F) (4)(b) Adequate artificial lighting available in all rooms, stairways, hallways, corridors, bathrooms, toilets, nurse station
 - 150.850 **CALL SYSTEMS**
 - (B) Nurse's call in toilet, bath & shower rooms emergency call station
 pull cord reachable by resident lying on floor near each toilet & each shower enclosure
 - (C) All calls register at nurse station
 Actuate visible signal in corridor by room where call originates
 - (D) Bedrooms containing two or more calling stations
 check if not included in project (only if all single-occupancy bedrooms)
 indicating lights provided at each calling station
 - (G) Wireless nurse call (used in lieu of analog wired call system or digital wired call system)
 check if not included in project
 complies with UL Standard 1069: Hospital Signaling & Nurse Call Equipment