

# *Room Data Sheets*



*Clinical Center  
NIH Design Policy and Guidelines*

## E.1 Clinical Center Room Data Sheets Table of Contents

### HOSPITAL INPATIENT ROOMS

CC.1	One Bedroom with Patient Toilet
CC.2	Accessible One Bedroom with Patient Toilet
CC.3	Accessible Isolation Bedroom with Patient Toilet and Anteroom
CC.4	Two Bedroom with Patient Toilet
CC.5	Seclusion Room with Patient Toilet and Anteroom
CC.6	ICU Room
CC.7	ICU Isolation Room
CC.8	Accessible Day Hospital 2 or 5 Patient Room with Patient Toilet
CC.9	Tub and Shower Room
CC.10	Medication Room
CC.11	Clean Utility Room
CC.12	Soiled Utility Room
CC.13	Chute Room
CC.14	Housekeeping Room
CC.15	Nourishment Station
CC.16	Treatment Room
CC.17	Doctor's Office
CC.18	Conference Room
CC.19	Staff Lounge with Toilet Room
CC.20	Patient Lounge



## E.2 General

These data sheets should be used as guides and references. Final Clinical Center layouts must be developed with the users and their research requirements. Specific criteria and requirements should be verified by the project team with the NIH, local, state, and federal regulatory agencies. For other abbreviations see section F-Appendix.

### General Abbreviations:

AFF	Above Finished Floor
BSC	Biological Safety cabinet

### Architectural Abbreviations:

ACT	Lay-in acoustical ceiling tile
ACT-2	Lay-in acoustical tile with mylar protective finish
AFF	Above finished floor
CMU	Concrete masonry unit
CPT	Carpet
CT	Ceramic tile
ET	Epoxy terrazo
GW	Gypsum wallboard (with paint type not specified)
IR	Integral resinous epoxy base
IV	Integral sheet vinyl
PL	Plastic laminate
R	Resilient base (vinyl with cove base is acceptable)
RE	Resinous epoxy
SS	Stainless steel
SV	Sheet vinyl
U/C	Under-counter
VCT	Vinyl composition tile
VWF	Vinyl wall covering

### Electrical Abbreviations:

GFI	Ground fault interpreter
LAN	Local area <computer> network
lx	Lux
V	Volts
A	Amps

### Mechanical Abbreviations:

°C	Celsius
%	Percentage
Sum	Summer
Win	Winter
L/s	Liters per second



# One Bedroom w/Patient Toilet

**CC-1**

## **ARCHITECTURAL:**

Space Identification	Bedroom	Toilet
Finishes -Walls	GW	GW/CT
Base	IV	CT
Floor	SV	CT
Ceiling	ACT	GW
Ceiling Height	2700 mm	2400 mm
Door Width	1200 mm	900 mm
Vision Panel in Door	No	No

Architectural Notes: None

## **MECHANICAL:**

Room Pressure	Pos/Neg	Negative
Temperature °C	21-24	21-24
Relative Hum (%)	50±5 Sum 30 min Win	N/A
Exhaust Air	No	Yes
Return Air	Yes	No
Filtration (%)	30,90	N/A

Mechanical Notes: Air supply to satisfy the outside air change requirement.  
Mechanical exhaust will be provided.  
An exception is the toilet serving as an isolation bedroom which requires that the air be transferred from the patient area served by the given toilet to maintain an airlock between the bedroom and the corridor

## **PLUMBING:**

Sink	Yes	Cold Water	Yes
Hot Water	Yes	Treated Water	No
Chilled Water	No	Waste/Vent	Yes
Floor Drain	Yes/Shower	Steam	No
Condensate	No	Med Gases	Yes

Plumbing Notes: None



**ELECTRICAL:**

Ambient Illum (lx)	100	200
Task Illum (lx)	Exam-1100	
	Reading-300	
	Night Light	

Electrical Notes: Reading light, connected to emergency branch circuit, to be controlled by switch in nurse call handset.  
Reading light may be wall or ceiling mounted to permit reading in a bed at an angle of 0.61 to 1.1 radian, as well as straight down.  
Luminaire is to provide 323 lx minimum on reading material at any position.  
Examination light to be controlled by switch at patient service console.  
In patient bedrooms, wall mounted uplight/downlight luminaire mounted 1500 mm AFF over the beds.  
Uplight controlled individually from switch on patient service console.  
All bedroom uplight may be controlled by common switch.  
Downlight controlled in nurse call handset.  
Night lights, connected to emergency branch circuit, will be astronomically time clock controlled.  
Local switch at patient room door will provide local night light control at night.  
Observation light to be controlled by switch at patient service console, except in mental health units where light will be switched at the door.  
Refer to patient headwall unit/service column for electrical outlet locations.  
Noncritical care patient rooms shall have four duplex hospital grade receptacles at the bed location which shall be connected to emergency and shall be red in color.  
Receptacles on footwall shall be on normal power.  
One dedicated circuit minimum shall serve the normal receptacles in a patient room.  
Receptacles shall be identified on the faceplate with the panel name and circuit number they are fed from.

**COMMUNICATION:**

Nurse Call  
CRT  
Physiological Monitoring  
Telephone



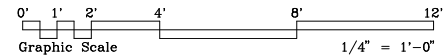
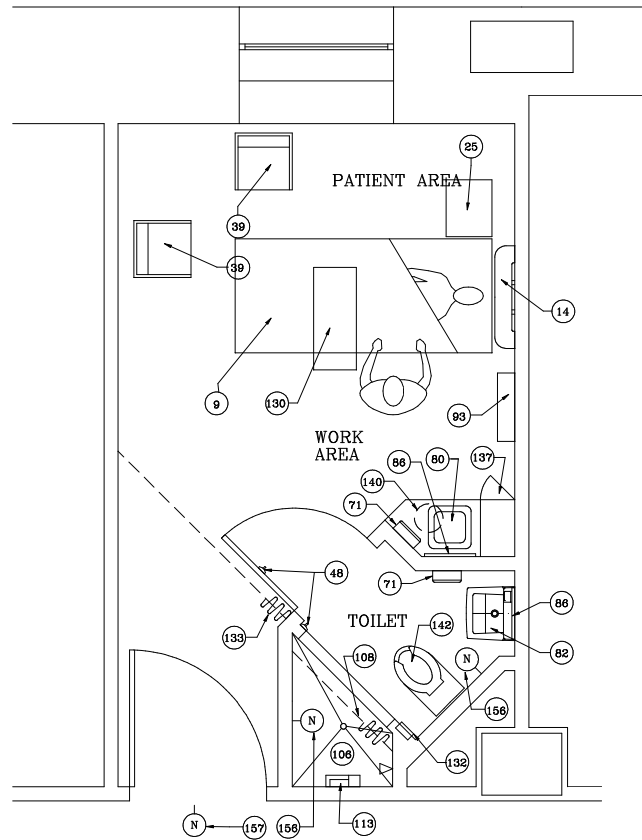
**SPECIAL REQUIREMENTS:**

Wardrobe, Single (built-in)  
Patient Headwall  
TV with control in nurse call handset  
Overbed Table  
Bedside Cabinet  
Chair, Patient  
Chair, Visitor  
Hospital Bed (including Bumper)  
Paper Towel Dispenser  
Medical Waste Receptacle  
Fire Alarm Strobe in bathroom



# One Bedroom w/Patient Toilet

CC-1



- |                            |                                  |                                    |
|----------------------------|----------------------------------|------------------------------------|
| 9. Bed, Hospital           | 82. Lavatory, Wall Hung          | 132. Toilet Paper Holder, Recessed |
| 14. Bumper, Hospital, Bed  | 86. Mirror                       | 133. Track and Curtain, Cubicle    |
| 25. Cabinet, Bedside       | 93. Patient, Hedwall (1 patient) | 137. Wardrobe, Single, Built-in    |
| 39. Chair, Visitor         | 106. Shower                      | 140. Waste Receptacle              |
| 48. Coat Hook              | 108. Shower Curtain and Rod      | 142. Toilet                        |
| 71. Dispenser, Paper Towel | 113. Soap Dish                   | 156. Nurse Call Pullcord Station   |
| 80. Lavatory, Counter      | 130. Table, Overbed              | 157. Nurse Call Light              |



## **Accessible One Bedroom w/Patient Toilet CC-2**

### **ARCHITECTURAL:**

Space Identification	Bedroom	Toilet
Finishes -Walls	GW	GW/CT
Base	IV	CT
Floor	SV	CT
Ceiling	ACT	GW
Ceiling Height	2700 mm	2400 mm
Door Width	1200 mm	900 mm
Vision Panel in Door	No	No

Architectural Notes: None

### **MECHANICAL:**

Room Pressure	Pos/Neg	Negative
Temperature °C	21-24	21-24
Relative Hum (%)	50±5 Sum 30 min Win	N/A
Exhaust Air	No	Yes
Return Air	Yes	No
Filtration (%)	30,90	N/A

Mechanical Notes: Air supply to satisfy the outside air change requirement.  
Mechanical exhaust will be provided.  
An exception is the toilet serving an isolation bedroom which require that the air be transferred from the patient area served by the given toilet to maintain an airlock between the bedroom and the corridor.

### **PLUMBING:**

Sink	Yes	Cold Water	Yes
Hot Water	Yes	Treated Water	No
Chilled Water	No	Waste/Vent	Yes
Floor Drain	Yes/Shower	Steam	No
Condensate	No	Med Gases	Yes

Plumbing Notes: None





**ELECTRICAL:**

Ambient Illum (lx)	100	200
Task Illum (lx)	Exam-1100	
	Reading-300	
	Night Light	

**Electrical Notes:**

Reading light, connected to emergency branch circuit, to be controlled by switch in nurse call handset.

Reading light may be wall or ceiling mounted to permit reading in a bed at an angle of 0.16 to 1.1 radian, as well as straight down.

Luminaire is to provide 323 lx minimum on reading material at any position .

Examination light to be controlled by switch at patient service console.

In patient bedrooms, wall mounted uplight/downlight luminaire mounted 1500 mm AFF over the beds.

Uplight controlled individually from switch on patient service console.

All bedroom uplight may be controlled by common switch.

Downlight controlled in nurse call handset.

Night lights, connected to emergency branch circuit, will be astronomically time clock controlled.

Local switch at patient room door will provide local night light control at night.

Observation light to be controlled by switch at patient service console, except in mental health units where light will be switched at the door.

Refer to patient headwall unit/service column for electrical outlet locations.

Non-critical care patient rooms shall have four duplex hospital grade receptacles at the bed location which shall be connected to emergency and shall be red in color.

Receptables on footwall shall be on normal power.

One dedicated circuit minimum shall serve the normal receptacles in a patient room.

Receptacles shall be identified on the faceplate with the panel name and circuit number they are fed from.



**COMMUNICATION:**

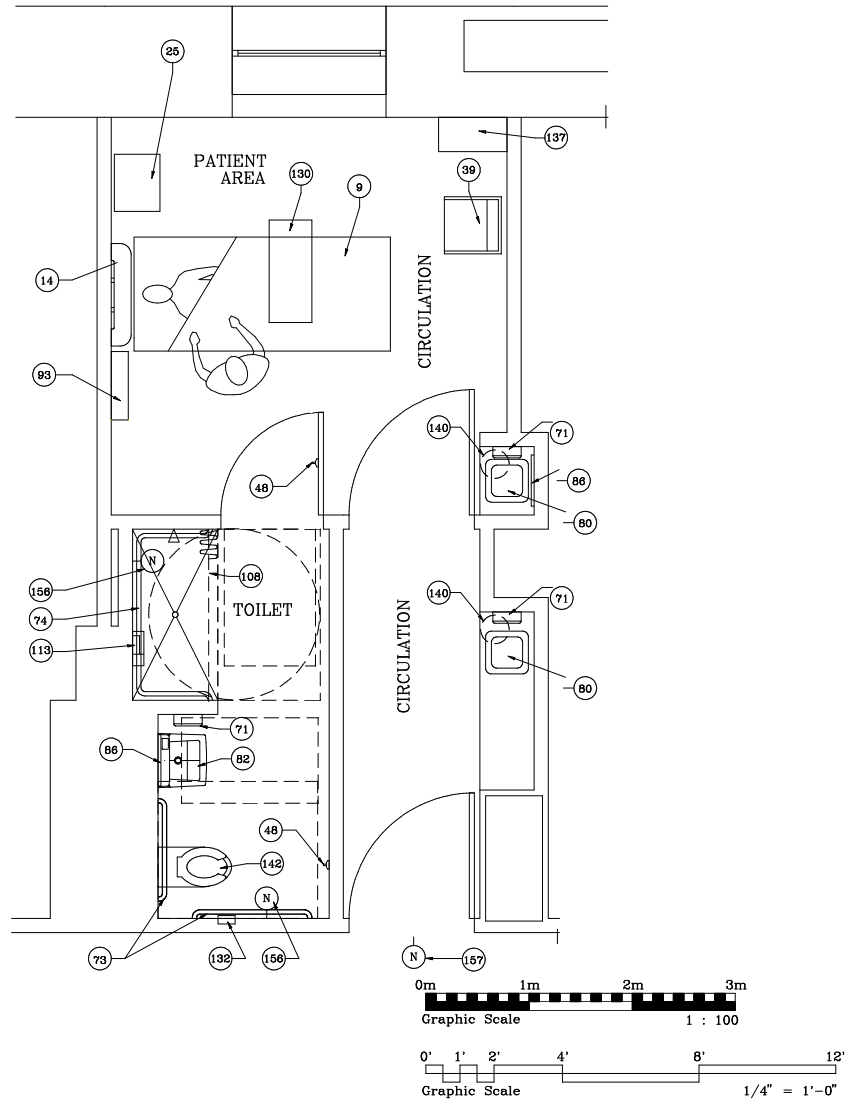
Nurse Call  
CRT  
Physiological Monitoring  
Telephone

**SPECIAL REQUIREMENTS:**

Wardrobe, Single (built-in)  
Paper Towel Dispenser  
Patient Headwall  
TV  
Chair, Visitor  
Chair, Patient  
Bedside Cabinet  
Hospital Bed (including Bumper)  
Overbed Table  
Hospital Bed (including Bumper)  
Medical Waste Receptacle  
Fire Alarm Strobe in bathroom



# Accessible One Bedroom w/Patient Toilet CC-2



- 9. Bed, Hospital
- 14. Bumper, Hospital, Bed
- 25. Cabinet, Bedside
- 39. Chair, Visitor
- 48. Coat Hook
- 71. Dispenser, Paper Towel
- 73. Grab Bar, Toilet

- 74. Grab Bar, Shower
- 80. Lavatory, Counter
- 82. Lavatory, Wall Hung
- 86. Mirror
- 93. Patient Headwall (1 patient)
- 106. Shower
- 108. Shower Curtain and Rod
- 113. Soap Dish

- 130. Table, Overbed
- 132. Toilet Paper Holder, Recessed
- 137. Wardrobe, Single, Built-in
- 140. Waste Receptacle
- 142. Toilet
- 156. Nurse Call Pullcord Station
- 157. Nurse Call Light



## **Isol. Bedroom w/Patient Toilet & Anteroom CC-3**

### **18ARCHITECTURAL:**

Space Identification	Bedroom	Toilet	Anteroom
Finishes -Walls	GW	GW/CT	GW
Base	IV	CT	IV
Floor	SV	CT	SV
Ceiling	GW	GW	ACT
Ceiling Height	2700 mm	2400 mm	2400 mm
Door Width	1200 mm	900 mm	1200 mm
Vision Panel in Door	Yes	No	Yes

Architectural Notes: Access panels shall be gasketed to minimize loss of pressure.

### **MECHANICAL:**

Room Pressure	See Notes	Negative	See Notes
Temperature °C	Sum 24 Win 18-24	21-24	Sum 24 Win 18-24
Relative Hum (%)	50±5	N/A	50±5
Exhaust Air	Yes	Yes	Yes
Return Air	No	No	No
Filtration (%)	30,90	N/A	30,90

Mechanical Notes: Air supply to satisfy the outside air change requirement. Mechanical exhaust will be provided.  
An exception is the toilet serving an isolation bedroom which requires that the air be transferred from the patient area served by the given toilet to maintain an airlock between the bedroom and the corridor.  
The normal "negative" isolation room shall have a bedroom negative to the anteroom, positive to the toilet while the anteroom shall be negative to the corridor.  
For a "positive" isolation room, the bedroom shall be positive to the anteroom, positive to the toilet while the anteroom will provide the necessary airlock between the corridor and isolated patient area.



**PLUMBING:**

Sink	Yes	Chilled Water	- No
Cold Water	Yes	Hot Water	- Yes
Treated Water	No	Waste/Vent	- Yes
Floor Drain	Yes/Shower	Steam	- No
Condensate	No	Med Gases	- Yes

Plumbing Notes: None

**ELECTRICAL:**

Ambient Illum (lx)	100	200	300
Task Illum (lx)	Exam-1100		
	Reading-300		
	Night Light		

Electrical Notes: Reading light, connected to emergency branch circuit, to be controlled by switch in nurse call handset.  
Reading light may be wall or ceiling mounted to permit reading in a bed at an angle of 0.61 to 1.1 radian, as well as straight down.  
Luminaire is to provide 323 lx minimum on reading material at any position .  
Examination light to be controlled by switch at patient service console.  
In patient bedrooms, wall mounted uplight/downlight luminaire mounted 1500 mm above finished floor over the beds.  
Uplight controlled individually from switch on patient service console.  
All bedroom uplight may be controlled by common switch.  
Downlight controlled in nurse call handset.  
Night lights, connected to emergency branch circuit will be astronomically time clock controlled.  
Local switch at patient room door will provide local night light control at night.  
Observation light to be controlled by switch at patient service console, except in mental health units where light will be switched at the door.  
Refer to patient headwall unit/service column for electrical emergency and shall be red in color.  
One dedicated circuit minimum from normal and emergency shall serve the receptacles in a critical patient room.  
Where normal and emergency panelboards serve critical care patient areas they shall have the ground buses interconnected with a #6 AWG ground wire.  
Receptacles shall be identified on the faceplate with the panel name and circuit number they are fed from.  
Wiring in conduct will provide remote environmental monitoring panel.



**COMMUNICATION:**

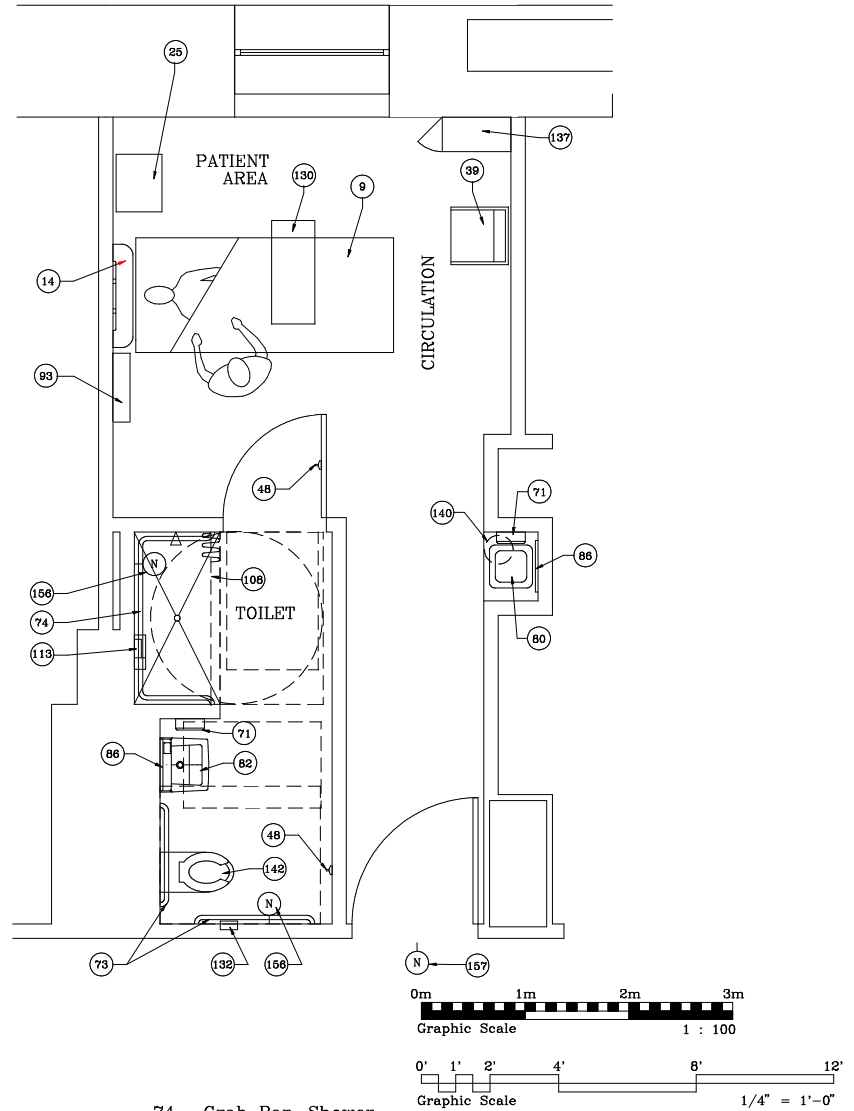
Nurse Call  
CRT  
Physiological Monitoring  
Telephone

**SPECIAL REQUIREMENTS:**

Wardrobe, Single (built-in)  
Linen Hamper  
Hospital Bed (including Bumper)  
Overbed Table  
Patient Headwall  
TV  
Chair, Visitor  
Bedside Cabinet  
Medical Waste Receptacle  
Fire Alarm Strobe in bathroom



# Isol. Bedroom w/Patient Toilet & Anteroom CC-3



- |  |  |   |
|--|--|---|
| <ul style="list-style-type: none"> <li>9. Bed, Hospital</li> <li>14. Bumper, Hospital, Bed</li> <li>25. Cabinet, Bedside</li> <li>39. Chair, Visitor</li> <li>48. Coat Hook</li> <li>71. Dispenser, Paper Towel</li> <li>73. Grab Bar, Toilet</li> </ul> | <ul style="list-style-type: none"> <li>74. Grab Bar, Shower</li> <li>80. Lavatory, Counter</li> <li>82. Lavatory, Wall Hung</li> <li>86. Mirror</li> <li>106. Shower</li> <li>108. Shower Curtain and Rod</li> <li>113. Soap Dish</li> </ul> | <ul style="list-style-type: none"> <li>130. Table, Overbed</li> <li>132. Toilet Paper Holder, Recessed</li> <li>137. Wardrobe, Single, Built-in</li> <li>140. Waste Receptacle</li> <li>142. Toilet</li> <li>156. Nurse Call Pullcord Station</li> <li>157. Nurse Call Light</li> </ul> |
|--|--|---|



## **Two Bedroom w/Patient Toilet**

**CC-4**

### **ARCHITECTURAL:**

Space Identification	Bedroom	Toilet
Finishes-Walls	GW	GW/CT
Base	IV	CT
Floor	SV	CT
Ceiling	ACT	GW
Ceiling Height	2700 mm	2400 mm
Door Width	1200 mm	900 mm
Vision Panel in Door	No	No

Architectural Notes: None

### **MECHANICAL:**

Room Pressure	See Notes	Negative
Temperature °C	Sum 21-24	21-24
Relative Hum (%)	50±5 Sum 30 min Win	N/A
Exhaust Air	No	Yes
Return Air	Yes	No
Filtration (%)	30,90	N/A

Mechanical Notes: Air supply to satisfy the outside air change requirement.  
Mechanical exhaust will be provided.

### **PLUMBING:**

Sink	Yes	Cold Water	Yes
Hot Water	Yes	Treated Water	No
Chilled Water	No	Waste/Vent	Yes
Floor Drain	Yes/Shower	Steam	No
Condensate	No	Med Gases	Yes

Plumbing Notes: None





**ELECTRICAL:**

Ambient Illum (lx)	100	200
Task Illum (lx)	Exam 1100	
	Reading-300	
	Night Light	

Electrical Notes: Reading light, connected to emergency branch circuit, to be controlled by switch in nurse call handset.  
Reading light may be wall or ceiling mounted to permit reading in a bed at an angle of 0.61 to 1.1 radian, as well as straight down.  
Luminaire is to provide 323 lx minimum on reading material at any position .  
Examination light to be controlled by switch at patient service console.  
In patient bedrooms, wall mounted uplight/downlight luminaire mounted 1500 mm above finished floor over the beds.  
Uplight controlled individually from switch on patient service console.  
All bedroom uplight may be controlled by common switch.  
Downlight controlled in nurse call handset.  
Night lights, connected to emergency branch circuit, will be astronomically time clock controlled.  
Local switch at patient room door will provide local night light control at night.  
Observation light to be controlled by switch at patient service console, except in mental health units where light will be switched at the door.  
Refer to patient headwall unit/service column for electrical outlet locations.  
Noncritical care patient rooms shall have four duplex hospital grade receptacles at the bed location which shall be connected to emergency and shall be red in color.  
Receptacles on footwall shall be on normal power.  
One dedicated circuit minimum shall serve the normal receptacles in a patient room.  
Receptacles shall be identified on the faceplate with the panel name and circuit number they are fed from.

**COMMUNICATION:**

Nurse Call  
CRT  
Physiological Monitoring  
Telephone



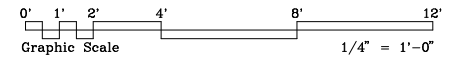
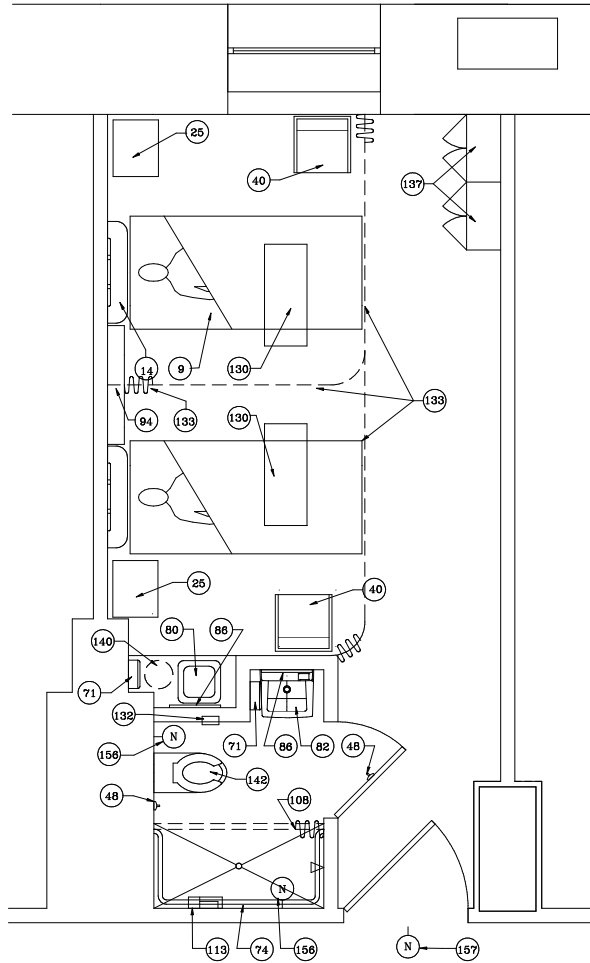
**SPECIAL REQUIREMENTS:**

Medical Waste Receptacle  
Fire Alarm and Strobe bathroom  
Wardrobe, Double (built-in)  
Patient Headwall  
Overbed Tables  
Hospital Beds (including Bumper)  
TVs with controls in nurse call handset  
Chairs, Patient  
Bedside Cabinets  
Paper Towel Dispenser



# Two Bedroom/Patient Toilet

CC-4



- |                            |                                    |                                    |
|----------------------------|------------------------------------|------------------------------------|
| 9. Bed, Hospital           | 82. Lavatory, Wall Hung            | 132. Toilet Paper Holder, Recessed |
| 14. Bumper, Hospital, Bed  | 86. Mirror                         | 133. Track and Curtain, Cubicle    |
| 25. Cabinet, Bedside       | 94. Patient, Headwall (2 patients) | 137. Wardrobe, Single, Built-in    |
| 39. Chair, Visitor         | 106. Shower                        | 140. Waste Receptacle              |
| 48. Coat Hook              | 108. Shower Curtain and Rod        | 142. Toilet                        |
| 71. Dispenser, Paper Towel | 113. Soap Dish                     | 156. Nurse Call Pullcord Station   |
| 80. Lavatory, Counter      | 130. Table, Overbed                | 157. Nurse Call Light              |



## Secl. Bedroom w/Patient Toilet & AnteroomCC-5

### **ARCHITECTURAL:**

Space Identification	Bedroom	Toilet	Anteroom
Finishes -Walls	Plaster	GW/CT	GW
Base	IV	CT	IV
Floor	SV	CT	SV
Ceiling	Plaster	GW	ACT
Ceiling Height	2700 mm	2400 mm	2400 mm
Door Width	1200 mm	900 mm	1200 mm
Vision Panel in Door	Yes	No	Yes

Architectural Notes: Walls for Seclusion Bedroom shall be reinforced with fire-treated plywood.  
 All items to be tamperproof and installed with tamperproof fasteners.  
 Tamper-proof miniblinds will be provided to shade the exterior window.  
 Undercut to door will be provided.  
 All items to have break-away feature for safety of patients.

### **MECHANICAL:**

Room Pressure	See Notes	Negative	See Notes
Temperature °C	Sum 24 Win 18-24	21-24	Sum 24 Win 18-24
Relative Hum (%)	50±5	N/A	50±5
Exhaust Air	No	Yes	No
Return Air	Yes	No	Yes
Filtration (%)	30,90	N/A	30,90

Mechanical Notes: Air supply to satisfy the outside air change requirement.  
 Mechanical exhaust will be provided.

### **PLUMBING:**

Sink	Yes	Cold Water	Yes
Hot Water	Yes	Treated Water	No
Chilled Water	No	Waste/Vent	Yes
Floor Drain	Yes/Shower	Steam	No
Condensate	No	Med Gases	Yes

Plumbing Notes: None



**ELECTRICAL:**

Ambient Illum (lx)	100	200	300
Task Illum (lx)	None		

Electrical Notes: Observation light to be controlled by switch at patient service console, except mental health units will be switched at the door. In seclusion rooms, minimum security light(s) will be provided. Receptacles where provided shall be tamper-proof safety type. Provide normal and emergency power.

**COMMUNICATION:**

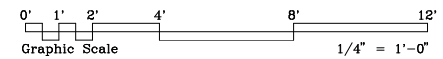
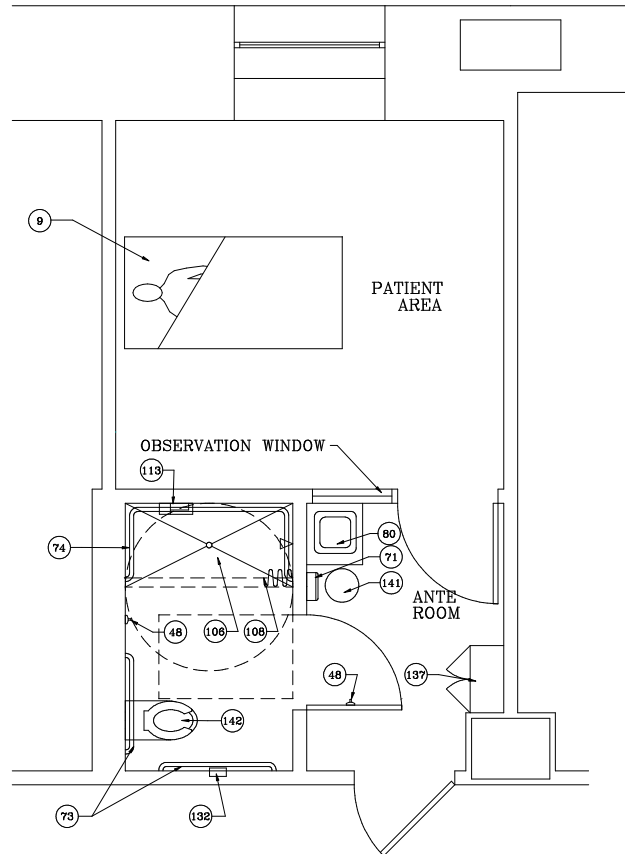
Key Switch  
Ceiling Speaker/Microphone  
Nurse Call

**SPECIAL REQUIREMENTS:**

Wardrobe, Single (built-in)  
Fire Alarm and Strobe



# Sec1. Bedroom w/Patient Toilet & AnteroomCC-5



Note: All Items to be security/break-away in psychiatric unit

- |                            |                             |                                    |
|----------------------------|-----------------------------|------------------------------------|
| 9. Bed                     | 74. Grab Bar, Tub/Shower    | 113. Soap Dish                     |
| 48. Coat Hook              | 80. Lavatory, Counter       | 132. Toilet Paper Holder, Recessed |
| 71. Dispenser, Paper Towel | 106. Shower                 | 137. Wardrober, Single, Built-in   |
| 73. Grab Bar, Toilet       | 108. Shower Curtain and Rod | 141. Waste Receptacle              |
|                            |                             | 142. Toilet                        |



# **Intensive Care Unit Bedroom**

**CC-6**

## **ARCHITECTURAL:**

Finishes -Walls	GW
Base	IV
Floor	SV
Ceiling	ACT
Ceiling Height	2700 mm
Door Type	Sliding glass door (break-away)

Architectural Notes: Interior glazing shall contain integral mini blinds.

## **MECHANICAL:**

Room Pressure	Positive
Temperature °C	24-27
Relative Hum (%)	30-60
Exhaust Air	No
Return Air	Yes
Filtration (%)	30,90

Mechanical Notes: Temperature control required.

## **PLUMBING:**

Cold Water	Yes	Hot Water	Yes
Treated Water	No	Chilled Water	No
Waste/Vent	Yes	Floor Drain	No
Floor Drain	No	Steam	No
Condensate	No	Med Gases	Yes

Plumbing Notes: None



**ELECTRICAL:**

Ambient Illum (lx) 300  
Task Illum (lx) Exam-1100  
Reading-300  
Night Light

Electrical Notes: Critical care patient rooms shall have six duplex hospital grade receptacles at the bed location which shall be connected to emergency and shall be red in color.  
One dedicated circuit minimum from normal and emergency shall serve the receptacles in a critical patient room.  
Where normal and emergency panel boards serve critical care patient areas they shall have the ground buses interconnected with a #6 AWG ground wire.  
Receptacles shall be identified on the faceplate with the panel name and circuit number they are fed from.

**COMMUNICATION:**

Nurse Call  
Code Blue Nurse Call  
CRT  
Physiological Monitoring

**SPECIAL REQUIREMENTS:**

ICU IV Track  
ICU Patient Headwall  
Chair, Visitor  
Overbed Table  
Medical Waste Receptacle  
Fire Alarm and Strobe  
ICU Hospital Bed  
Linen Hamper  
Wall Hung Cabinet





**Intensive Care Unit Bedroom**  
**(In Development)**

**CC-6**

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# ICU Isolation Room w/Anteroom

**CC-7**

## **ARCHITECTURAL:**

Space Identification	Bedroom	Anteroom
Finishes -Walls	GW	GW
Base	IV	IV
Floor	SV	SV
Ceiling	ACT-2	ACT-2
Ceiling Height	2700 mm	2400 mm
Door Width	1200 mm	900 mm
Vision Panel in Door	Yes	Yes

Architectural Notes: Interior glazing shall contain integral mini blinds.

## **MECHANICAL:**

Room Pressure	See Notes	Negative
Temperature °C	24-27	21-24
Relative Hum (%)	30-60	30-60
Exhaust Air	Yes	Yes
Return Air	No	No
Filtration (%)	30,90,99,9	30,90,99,9

Mechanical Notes: The normal "negative" isolation room shall have bedroom negative to the anteroom, positive to the toilet while the anteroom shall be negative to the corridor.  
For a "positive" isolation room, the bedroom shall be positive to the anteroom, positive to the toilet while the anteroom will provide the necessary airlock between the corridor and isolated patient area. HEPA filters having DOP test efficiencies of 99.9% shall be used on air supply systems serving rooms used for clinical treatment of patients with a high susceptibility to infection.  
For radioactive exhaust, nuclear grade HEPA filters with DOP efficiency at 97.97% at 0.3 micron shall be used.  
Temperature and humidity control required.

## **PLUMBING:**

Chilled Water	No	Waste/Vent	Yes
Floor Drain	No	Steam	No
Condensate	No	Med Gases	Yes

Plumbing Notes: None



**ELECTRICAL:**

Ambient Illum (lx)	300	300
Task Illum (lx)	Exam-100	
	Reading-30	
	Night Light	

Electrical Notes: Critical care patient rooms shall have six duplex hospital grade receptacles at the bed location which shall be connected to emergency and shall be red in color.  
One dedicated circuit minimum from normal and emergency shall serve the receptacles in a critical care patient room.  
Where normal and emergency panel boards serve critical care patient areas they shall have the ground buses interconnected with a #6 AWG ground wire.  
Receptacles shall be identified on the faceplate with the panel name and circuit number they are fed from.

**COMMUNICATION:**

Nurse Call  
Code Blue Nurse Call  
Physiological Monitoring  
CRT

**SPECIAL REQUIREMENTS:**

Linen Hamper  
Wall Hung Cabinet  
ICU Patient Headwall  
ICU IV Track  
Chair, Visitor  
Overbed Table  
ICU Hospital Bed  
Medical Waste Receptacle  
Fire Alarm and Strobe



**ICU Isolation Room w/Anteroom**  
(IN DEVELOPMENT)

**CC-7**



# Accessible Day Hospital Bedroom 2 or 5 Patient Room w/ Patient Toilet **CC-8**

## **ARCHITECTURAL:**

Finishes -Walls	GW
Base	IV
Floor	SV
Ceiling	ACT
Ceiling Height	2700 mm
Door Width	1200 mm
Vision Panel in Door	No

Architectural Notes: None

## **MECHANICAL:**

Room Pressure	Pos/Neg
Temperature °C	21-24
Relative Hum (%)	Sum 50±5
	Win 30 min
Exhaust Air	No
Return Air	Yes
Filtration (%)	30,90

Mechanical Notes: Air supply to satisfy the outside air change requirement.  
Mechanical exhaust will be provided.

## **PLUMBING:**

Sink	Yes	Cold Water	Yes
Hot Water	Yes	Treated Water	No
Chilled Water	No	Waste/Vent	Yes
Floor Drain	Yes	Steam	No
Condensate	No	Med Gases	Yes

Plumbing Notes: None



## **ELECTRICAL:**

Ambient Illum (lx) 100  
Task Illum (lx) Exam- 1100  
Reading-300  
Night Light

**Electrical Notes:** Reading light, connected to emergency branch circuit, to be controlled by switch in nurse call handset.  
Reading light may be wall or ceiling mounted to permit reading in a chair at an angle of 0.61 to 1.1 radian, as well as straight down.  
Luminaire is to provide 323 minimum on reading material at any position.  
Wall mounted uplight/downlight luminaire mounted 1500 mm above finished floor over the chairs.  
Uplight controlled individually from switch on patient service console.  
Downlight controlled in nurse call handset.  
Night lights, connected to emergency branch circuit, will be astronomically time clock controlled.  
Local switch at patient room door will provide local night light control at night.  
Observation light to be controlled by switch at patient service console, except in mental health units where light will be switched at the door.  
Refer to patient headwall unit/service column for electrical outlet locations.

## **COMMUNICATION:**

Nurse Call  
Telephone

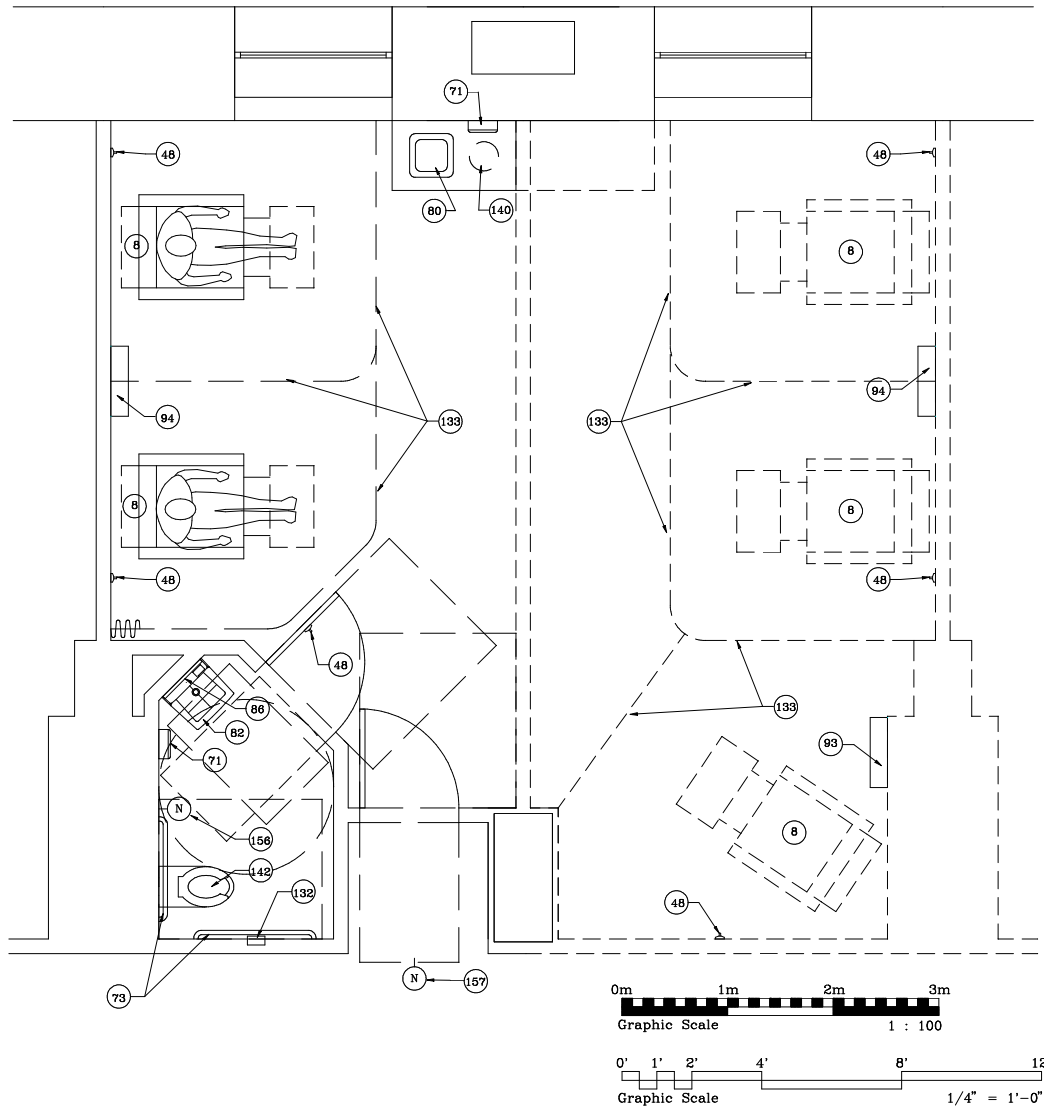
## **SPECIAL REQUIREMENTS:**

Wardrobes, Single (built-in)  
Recliner Chairs  
Patient Headwalls  
TVs  
Chairs, Visitor  
Medical Waste Receptacle  
Fire Alarm and Strobe



# Accessible Day Hospital Bedroom Patient Room w/ Patient Toilet

CC-8



- |                            |                                    |                                  |
|----------------------------|------------------------------------|----------------------------------|
| 8. Recliner Chair          | 82. Lavatory, Wall Hung            | 133. Track and Curtain, Cubicle  |
| 48. Coat Hook              | 86. Mirror                         | 140. Waste Receptacle            |
| 71. Dispenser, Paper Towel | 93. Patient Headwall (1 patient)   | 142. Toilet                      |
| 73. Grab Bar, Toilet       | 94. Patient Headwall (2 patients)  | 156. Nurse Call Pullcord Station |
| 80. Lavatory, Counter      | 132. Toilet Paper Holder, Recessed | 157. Nurse Call Light            |



# **Tub and Shower Room**

**CC-9**

## **ARCHITECTURAL:**

Finishes -Walls	CT
Base	CT
Floor	CT
Ceiling	GW
Ceiling Height	2400 mm
Door Width	900 mm
Vision Panel in Door	No

Architectural Notes: None

## **MECHANICAL:**

Room Pressure	Negative
Temperature °C	24-27
Relative Hum (%)	N/A
Exhaust Air	Yes
Return Air	No
Filtration (%)	30,90

Mechanical Notes: Exhaust system requires individual room temperature control

## **PLUMBING:**

Cold Water	Yes	Hot Water	Yes
Treated Water	No	Chilled Water	No
Waste/Vent	Yes	Floor Drain	Yes
Steam	No	Condensate	No

Plumbing Notes:

## **ELECTRICAL:**

Ambient Illum (lx)	200
--------------------	-----

Electrical Notes: One shower light per stall GFI receptacles





**COMMUNICATION:**

Nurse Call - waterproof, each bathing location

**SPECIAL REQUIREMENTS:**

Bath, Hydraulic Lift  
Fire Alarm and Strobe



# Medication Room

CC-10

## ARCHITECTURAL:

Finishes -Walls	GW
Base	IV
Floor	SV
Ceiling	ACT
Ceiling Height	2400 mm
Door Width	900 mm
Vision Panel in Door	Yes

Architectural Notes: None

## MECHANICAL:

Room Pressure	Pos/Neg
Temperature °C	24
Relative Hum (%)	Sum 50±5
	Win 30 min
Exhaust Air	No
Return Air	Yes
Filtration (%)	30,90

Mechanical Notes: None

## PLUMBING:

Sink	Yes	Cold Water	Yes
Hot Water	Yes	Treated Water	No
Chilled Water	No	Waste/Vent	Yes
Floor Drain	No	Steam	No
Condensate	No	Med Gases	No

Plumbing Notes: None



**ELECTRICAL:**

Ambient Illum (lx) 1100  
Task Illum (lx) 1100

Electrical Notes: Lighting and some receptacles on emergency

**COMMUNICATION:**

Nurse Call Staff Station  
Telephone

**SPECIAL REQUIREMENTS:**

Medicine SVC Center  
Cart, Unit Dose  
Fire Alarm and Strobe  
Medical Waste Receptacle



# Clean Utility Room

CC-11

## **ARCHITECTURAL:**

Finishes -Walls	GW
Base	R
Floor	VCT
Ceiling	ACT
Ceiling Height	2400 mm
Door Width	900 mm
Vision Panel in Door	Yes

Architectural Notes: None

## **MECHANICAL:**

Room Pressure	Positive
Temperature °C	24
Relative Hum (%)	Sum 50±5
	Win 30 min
Exhaust Air	No
Return Air	Yes
Filtration (%)	30,90

Mechanical Notes: None

## **PLUMBING:**

Sink	Yes	Cold Water	Yes
Hot Water	Yes	Treated Water	No
Chilled Water	No	Waste/Vent	No
Floor Drain	No	Steam	No
Condensate	No		

Plumbing Notes: None



**ELECTRICAL:**

Ambient Illum (lx) 300  
Task Illum (lx) 500

Electrical Notes: At least one light on emergency with wall switch.  
Two receptacles on emergency on opposite walls.

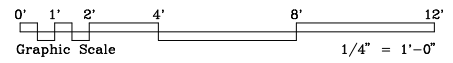
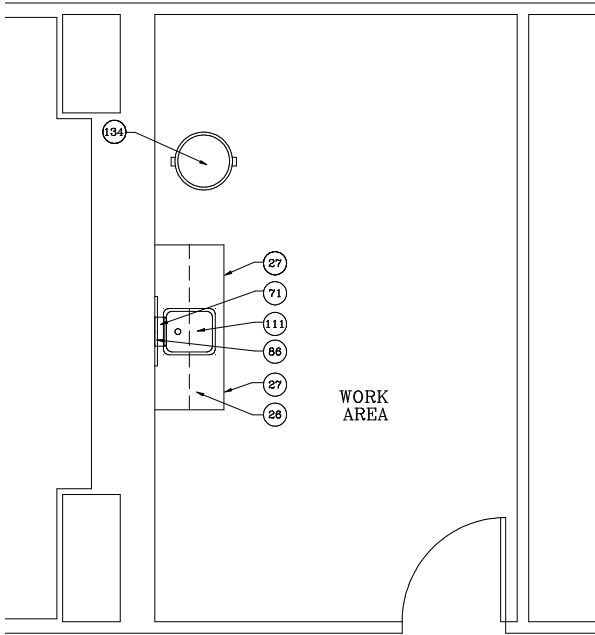
**COMMUNICATION:**

Nurse Call Staff Station

**SPECIAL REQUIREMENTS:**

Linen Cart  
Supply Cart  
Utility Cart  
Bulletin Board  
Fire Alarm and Strobe





26. Cabinet, Wall Hung  
27. Cabinet, U/C Base

71. Dispenser, Paper Towel  
86. Mirror

111. Sink, Stainless Steel, Counter  
134. Trash Can, Mobile



# Soiled Utility Room

CC-12

## **ARCHITECTURAL:**

Finishes -Walls	GW
Base	IV
Floor	SV
Ceiling	ACT
Ceiling Height	2400 mm
Door Width	900 mm
Vision Panel in Door	Yes

Architectural Notes: None

## **MECHANICAL:**

Room Pressure	Negative
Temperature °C	24
Relative Hum (%)	Sum 50±5
	Win 30 min
Exhaust Air	Yes
Return Air	No
Filtration (%)	30,90

Mechanical Notes: None

## **PLUMBING:**

Sink	Yes	Service Sink	Yes
Washer, Bedpan	Yes	Cold Water	Yes
Hot Water	Yes	Treated Water	No
Chilled Water	No	Waste/Vent	Yes
Floor Drain	No	Steam	Yes
Condensate	Yes		

Plumbing Notes: None



**ELECTRICAL:**

Ambient Illum (lx) 200

Electrical Notes: None

**COMMUNICATION:**

Nurse Call Staff Station

**SPECIAL REQUIREMENTS:**

Refrigerator, U/C, Lab

Linen Hamper

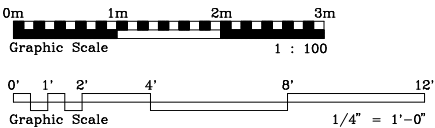
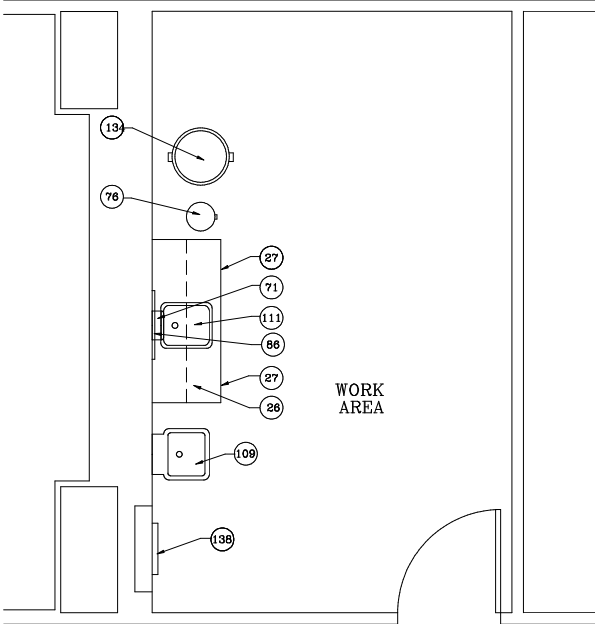
Fire Alarm and Strobe





**Soiled Utility Room**

**CC-12**



- |                            |                               |                                     |
|----------------------------|-------------------------------|-------------------------------------|
| 26. Cabinet, Wall Hung     | 76. Hamper, Linen             | 111. Sink, Stainless Steel, Counter |
| 27. Cabinet, U/C Base      | 86. Mirror                    | 134. Trash Can, Mobile              |
| 71. Dispenser, Paper Towel | 109. Sink, Service, Wall Hung | 138. Washer, Bedpan                 |



## **ARCHITECTURAL:**

Finishes -Walls	GW
Base	IV
Floor	SV
Ceiling	ACT
Ceiling Height	2400 mm
Door Width	900 mm
Vision Panel in Door	Yes

Architectural Notes: None

## **MECHANICAL:**

Room Pressure	Negative
Temperature °C	24
Relative Hum (%)	-
Exhaust Air	Yes
Return Air	No
Filtration (%)	30,90

Mechanical Notes: None

## **PLUMBING:**

Cold Water	Yes	Hot Water	Yes
Treated Water	No	Chilled Water	No
Waste/Vent	Yes	Floor Drain	No
Steam	Yes	Condensate	Yes

Plumbing Notes: None



**ELECTRICAL:**

Ambient Illum (lx) 200

Electrical Notes: None

**COMMUNICATION:**

Nurse Call Staff Station

**SPECIAL REQUIREMENTS:**

Fire Alarm Smoke Detector and Strobe



# Housekeeping Room

CC-14

## **ARCHITECTURAL:**

Finishes -Walls	GW
Base	CT
Floor	CT
Ceiling	ACT
Ceiling Height	2400 mm
Door Width	900 mm
Vision Panel in Door	No

Architectural Notes: None

## **MECHANICAL:**

Room Pressure	Negative
Temperature °C	24
Relative Hum (%)	-
Exhaust Air	Yes
Return Air	No
Filtration (%)	30,90

Mechanical Notes: None

## **PLUMBING:**

Cold Water	Yes	Hot Water	Yes
Treated Water	No	Chilled Water	No
Waste/Vent	Yes	Floor Drain	No
Steam	Yes	Condensate	Yes
Med Gases	No		

Plumbing Notes: Mop sink



**ELECTRICAL:**

Ambient Illum (lx) 200

Electrical Notes: Minimum one receptacle

**COMMUNICATION:**

Nurse Call

**SPECIAL REQUIREMENTS:**

Fire Alarm and Strobe



## **ARCHITECTURAL:**

Finishes -Walls	GW
Base	IV
Floor	SV
Ceiling	ACT
Ceiling Height	2400 mm
Door Width	900 mm
Vision Panel in Door	No

Architectural Notes: None

## **MECHANICAL:**

Room Pressure	Negative
Temperature °C	24
Relative Hum (%)	Sum 50±5
	Win 30 min
Exhaust Air	Yes
Return Air	No
Filtration (%)	30,90

Mechanical Notes: None

## **PLUMBING:**

Cold Water	Yes	Hot Water	Yes
Treated Water	No	Chilled Water	No
Waste/Vent	Yes	Floor Drain	Yes
Steam	No	Condensate	No
Med Gases	No		

Plumbing Notes: None



**ELECTRICAL:**

Ambient Illum (lx) 500  
Task Illum (lx) 800

Electrical Notes: Selected receptacles on emergency  
Dedicated circuit for ice maker

**COMMUNICATION:**

**SPECIAL REQUIREMENTS:**

Cart, Food  
Nourishment Station  
Ice Maker  
Fire Alarm and Strobe



## **ARCHITECTURAL:**

Finishes -Walls	GW
Base	IV
Floor	SV
Ceiling	ACT
Ceiling Height	2600 mm
Door Width	1200 mm
Vision Panel in Door	No

Architectural Notes: Ceiling height to be a minimum of 2600 mm with ophthalmoscope a minimum of 2700 mm to structural support for ceiling mounted surgical light.

## **MECHANICAL:**

Room Pressure	Pos/Neg
Temperature °C	21-24
Relative Hum (%)	Sum 50±5 Win 30 min
Exhaust Air	No
Return Air	Yes
Filtration (%)	30,90

Mechanical Notes: None

## **PLUMBING:**

Sink	Yes	Cold Water	Yes
Hot Water	Yes	Treated Water	No
Chilled Water	No	Waste/Vent	Yes
Floor Drain	No	Steam	No
Condensate	No	Med Gases	Yes

Plumbing Notes: None





**ELECTRICAL:**

Ambient Illum (lx) 500  
Task Illum (lx) 1100

Electrical Notes: Selected receptacles on emergency

**COMMUNICATION:**

Nurse Call

**SPECIAL REQUIREMENTS:**

Record Holder  
Desk, Folding, Wall Mounted  
Illuminator, X-ray Film  
Otoscope/Ophthalmoscope  
Sphygmomanometer  
Defibrillator w/Cart  
Table, Instrument  
Scale, Weighing  
Mayo Stand  
Exam Light, Ceiling Mounted  
Fire Alarm and Strobe  
Medical Waste Receptacle



**ARCHITECTURAL:**

Finishes -Walls	GW
Base	R
Floor	Carpet
Ceiling	ACT
Ceiling Height	2400 mm
Door Width	900 mm
Vision Panel in Door	No

Architectural Notes: None

**MECHANICAL:**

Room Pressure	Equal
Temperature °C	Sum 24
	Win 22
Relative Hum (%)	Sum 50±5
	Win 30 min
Exhaust Air	No
Return Air	Yes
Filtration (%)	30,60

Mechanical Notes: None

**PLUMBING:**

Cold Water	Yes	Hot Water	Yes
Treated Water	No	Chilled Water	No
Waste/Vent	Yes	Floor Drain	No
Steam	No	Condensate	No
Med Gases	No		

Plumbing Notes: None



**ELECTRICAL:**

Ambient Illum (lx) 500  
Task Illum (lx) 1100

Electrical Notes:

**COMMUNICATION:**

Nurse Call  
Telephone  
LAN

**SPECIAL REQUIREMENTS:**

Illuminator, X-ray Film  
Otoscope/Ophthalmoscope  
Sphygmomanometer  
Chair, Rotary w/Arms  
Work Station, Doctor  
Work Station, Computer  
Record Holder  
Exam Rm. Cabinet  
Table, Exam, Cab  
Table, Instrument  
Rotary Chair, w/o Arms  
Desk Folding, Wall Mounted  
Fire Alarm and Strobe



## **ARCHITECTURAL:**

Finishes  
Walls GW  
Base R  
Floor Carpet  
Ceiling ACT  
Ceiling Height 2400 mm  
Door Width 900 mm  
Vision Panel in Door No

Architectural Notes: None

## **MECHANICAL:**

Room Pressure Equal  
Temperature °C Sum 24  
Win 22  
Relative Hum (%) Sum 50±5  
Win 30 min  
Exhaust Air No  
Return Air Yes  
Filtration (%) 30,60

Mechanical Notes: None

## **PLUMBING:**

Cold Water	Yes	Hot Water	Yes
Treated Water	No	Chilled Water	No
Waste/Vent	Yes	Floor Drain	No
Steam	No	Condensate	No
Med Gases	No		

Plumbing Notes: None



**ELECTRICAL:**

Ambient Illum (lx) 500  
Task Illum (lx) None

Electrical Notes: None

**COMMUNICATION:**

Nurse Call  
Telephone

**SPECIAL REQUIREMENTS:**

Fire Alarm and Strobe



# **Staff Lounge with Toilet Room**

**CC-19**

## **ARCHITECTURAL:**

Space Identification	Lounge	Toilet
Finishes -Walls	GW	GW/CT
Base	IV	CT
Floor	SV	CT
Ceiling	ACT	GW
Ceiling Height	2400 mm	2400 mm
Door Width	900 mm	900 mm
Vision Panel in Door	No	No

Architectural Notes: None

## **MECHANICAL:**

Room Pressure	Positive	Negative
Temperature ( <sup>0</sup> F)	Sum 24	Sum - 24
	Win 22	Win - 22
Relative Hum (%)	Sum 50±5	-
	Win 30 min	
Exhaust Air	No	Yes
Return Air	Yes	No
Filtration (%)	30,60	-

Mechanical Notes: None

## **PLUMBING:**

Cold Water	Yes	Hot Water	Yes
Treated Water	No	Chilled Water	No
Waste/Vent	Yes	Floor Drain	Yes Shower
Steam	No	Condensate	No
Med Gases	No		

Plumbing Notes: None



**ELECTRICAL:**

Ambient Illum (lx)	100	200
Task Illum (lx)	None	

Electrical Notes: At least one light on emergency.  
Individual circuits for cooking equipment.

**COMMUNICATION:**

Nurse Call Staff Station  
CRT  
Physiological Monitoring  
Pay Phone

**SPECIAL REQUIREMENTS:**

Toaster Oven  
Microwave  
Coffee Machine  
Fire Alarm and Strobe



## **ARCHITECTURAL:**

Space Identification	Lounge
Finishes -Walls	GW
Base	R
Floor	Carpet
Ceiling	ACT
Ceiling Height	2400 mm
Door Width	900 mm
Vision Panel in Door	No

Architectural Notes: None

## **MECHANICAL:**

Room Pressure	Equal
Temperature °C	Sum 24
	Win 22
Relative Hum (%)	Sum 50±5
	Win 30 min
Exhaust Air	No
Return Air	Yes
Filtration (%)	30,60

Mechanical Notes: None





**ELECTRICAL:**

Ambient Illum (lx) 500  
Task Illum (lx) 1100

Electrical Notes: None

**COMMUNICATION:**

Nurse Call

**SPECIAL REQUIREMENTS:**

Fire Alarm and Strobe

