

02

FUNCTIONAL AND SPACE PROGRAM VOLUME 2: Room Data Sheets

OCTOBER 2014











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Walker Engineering Data/Communications Engineering

Walker Engineering Data/Communications Engineering

RTKL Medical Equipment Consultants



Purpose of Content

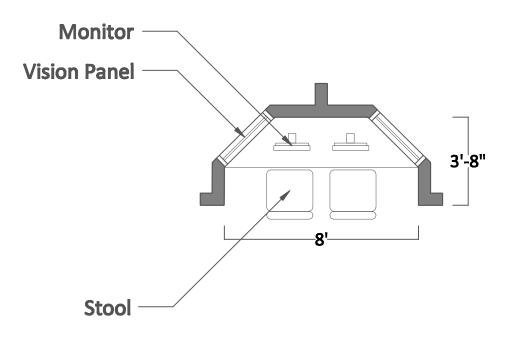
The purpose of this document is to provide Prototype Room Layouts and corresponding Room Data Sheets that will assist with the cost estimating portion of the Functional Planning Services for John Peter Smith (JPS) Hospital in Tarrant County. Moving forward these Prototype Room Layouts and Room Data Sheets will help inform the future design for JPS Hospital. This project is being led by Broaddus & Associates, who are the lead planners, estimators, and project managers, in partnership with Blue Cottage Consulting, healthcare facility programming experts.

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Alcove - Nurse

Prototypical Room Layout (24 Square Feet)



1/4"=1'

REMARKS/NOTES:

• Single outlet roughin location with (4) Cat6A cables

• Overhead paging speakers in adjacent area corridors

ACTUAL SIZE: 24 S.F.

Alcove - Nurse

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

- No Lock
 Keyed Lock
 Card Access
- Video Surveillance

DOOR HARDWARE

- Standard Hardware Set
- Electric Hardware Set

ARCHITECTURAL

Floor
VCT (Chemical Resistance)
VCT
Welded Seam Sheet Vinyl
🗌 Ероху
Carpet
Sealed Concrete
Partitions
Gyp Board, Epoxy Paint
Gyp Board, Paint
□vwc
Glass
Other: Curtain w/ Track
Base
4" Rubber
🗌 Integral w/ Floor
Other:
Ceiling
🗌 Open
Acoustical Tile
Gyp Board
Door
Wood
Metal
Vision Panel
Glass

ACOUSTICS

- STP Floor: <u>See Appendix Table 1</u>

MECHANICAL

- Temperature: 70-75F & 30-60%
- Heating & Cooling: Maintain 75F
- Ventilation (Per Code)
- Acoustical Control
- 15 Air Changes/Hour
- 10 Air Changes/Hour
- 6 Air Changes/Hour 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- 🗌 Canopy Hood
- Other:

PLUMBING

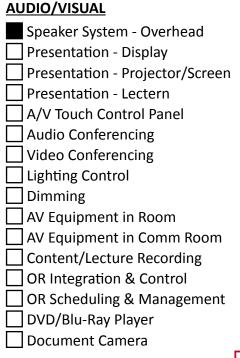
- Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air
- Suppression System
 Fire Extinguisher
 Alarm System Type:

COMMUNICATIONS

- Voice (Telephone)
 Data (Computer)
 Data (Print/Scan/Fax)
 Cable TV
 Campus Closed Circuit TV
 Nurse Call
 RFID/RTLS
 Intercom
 Assisted Listening

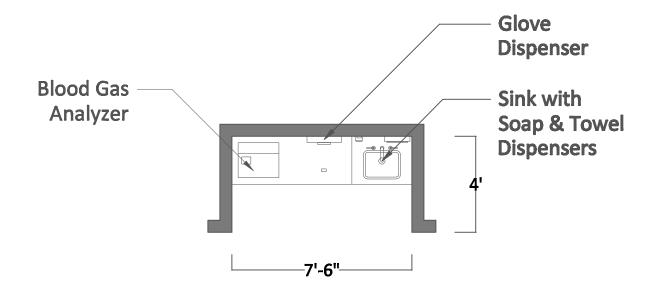
 ELECTRICAL
 Power
 Wall
- Wall Voice, Data, Video, Mic
 Floor Power
 Floor Voice, Data, Video, Mic
 Instructor's Console
 Lighting
 House, General
 Linear Direct/Indirect Fixtures
 Task Lighting
 Lighting Controls
 Dimming
 Emergency Power

0,



Alcove - Point of Care Testing

Prototypical Room Layout (30 Square Feet)



1/4"=1'

REMARKS/NOTES:

• Single outlet roughin location with (2) Cat6A cables

• Overhead paging speakers in adjacent area corridors

ACTUAL SIZE: 30 S.F.

Alcove - Point of Care Testing

Room Data Sheet

UTILIZATION (HOURS OF USE)

- ☐ 8 Hours/Day
 ☐ 14 Hours/Day
 - 24 Hours/Day

SECURITY

- No Lock
 Keyed Lock
 Card Access
- Video Surveillance

DOOR HARDWARE

- Standard Hardware Set
- Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special:	Not Applicable
STP Wall:	
STP Floor:	

MECHANICAL

- Temperature: 70-75F & 30-60%
 Heating & Cooling: Maintain 75F
 Ventilation (Per Code)
 Acoustical Control
 15 Air Changes/Hour
 10 Air Changes/Hour
 6 Air Changes/Hour
- 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

PLUMBING

- Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air **FIRE SUPPRESSION/DETECTION**
- Suppression System
 Fire Extinguisher
 Alarm System Type:

COMMUNICATIONS

Voice (Telephone)
Data (Computer)
Data (Print/Scan/Fax)
Cable TV
Campus Closed Circuit TV
Nurse Call
RFID/RTLS
Intercom
Assisted Listening

ELECTRICAL

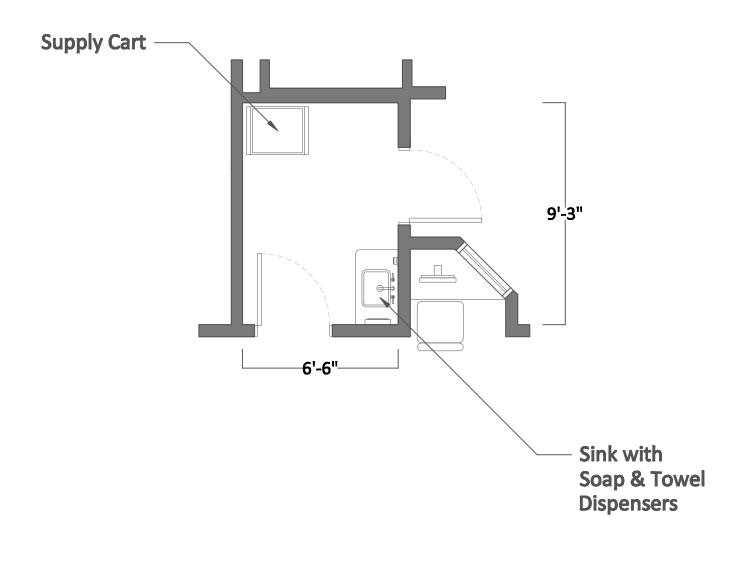


AUDIO/VISUAL



Anteroom, ISO, 2 Door

Prototypical Room Layout (60 Square Feet)



1/4"=1'

REMARKS/NOTES:

• Overhead paging speakers in adjacent area corridors

Anteroom, ISO, 2 Door

Room Data Sheet

UTILIZATION (HOURS OF USE)

- ___8 Hours/Day ___14 Hours/Day
 - 24 Hours/Day

SECURITY

- No Lock
 Keyed Lock
 Card Access
- Video Surveillance

DOOR HARDWARE

Standard Hardware Set
 Automatic Door Operators
 Electric Hardware Set

ARCHITECTURAL



ACOUSTICS



- STP Floor: <u>See Appendix Table 1</u>
- MECHANICAL
- Heating & Cooling: Maintain 75F
- Ventilation (Per Code)
- Acoustical Control
- 15 Air Changes/Hour
- 10 Air Changes/Hour
- 6 Air Changes/Hour 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

PLUMBING

Hand Washing Sink
Multiple Basin Sink
Floor Drain
Floor Sink
Safety Shower/Eyewash
Reverse Osmosis (RO)
Carbon Dioxide (CO2)
Nitrogen (N2)
Oxygen (O2)
Natural Gas
Vacuum
Nitrous Oxide
Compressed Air **FIRE SUPPRESSION/DETECTION**

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS

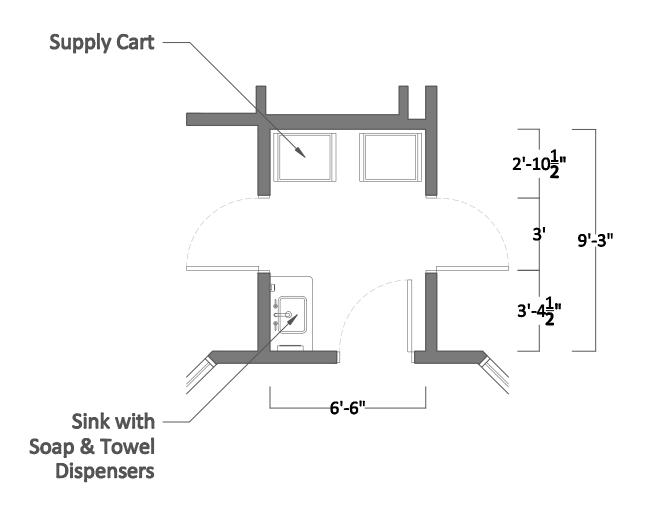
Voice (Telephone) Data (Computer) Data (Print/Scan/Fax) Cable TV **Campus Closed Circuit TV** Nurse Call RFID/RTLS Intercom Assisted Listening ELECTRICAL Power Wall 🖵 Wall Voice, Data, Video, Mic Floor Power Floor Voice, Data, Video, Mic Instructor's Console Lighting House. General Linear Direct/Indirect Fixtures Task Lighting **Lighting Controls** Dimming

Emergency Power

AUDIO/VISUAL Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Anteroom, ISO, 3 Door

Prototypical Room Layout (60 Square Feet)



1/4"=1'

REMARKS/NOTES:

• Overhead paging speakers in adjacent area corridors

ACTUAL SIZE: 60 S.F.

Anteroom, ISO, 3 Door

Room Data Sheet

UTILIZATION (HOURS OF USE)

- ___8 Hours/Day ___14 Hours/Day
 - 24 Hours/Day

SECURITY

- No Lock
 Keyed Lock
 Card Access
- Video Surveillance

DOOR HARDWARE

Standard Hardware Set
 Automatic Door Operators
 Electric Hardware Set

ARCHITECTURAL



ACOUSTICS



- STP Floor: <u>See Appendix Table 1</u>
- MECHANICAL
- Heating & Cooling: Maintain 75F
- Ventilation (Per Code)
- Acoustical Control
- 15 Air Changes/Hour
- 10 Air Changes/Hour
- 6 Air Changes/Hour 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

PLUMBING

Hand Washing Sink
Multiple Basin Sink
Floor Drain
Floor Sink
Safety Shower/Eyewash
Reverse Osmosis (RO)
Carbon Dioxide (CO2)
Nitrogen (N2)
Oxygen (O2)
Natural Gas
Vacuum
Nitrous Oxide
Compressed Air **FIRE SUPPRESSION/DETECTION**

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS

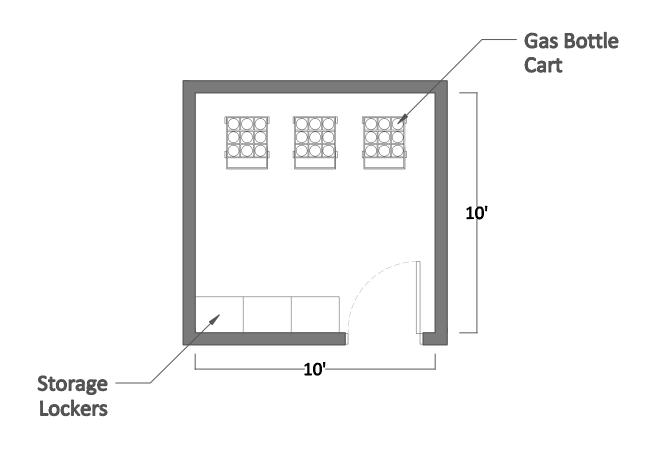
- Voice (Telephone) Data (Computer) Data (Print/Scan/Fax) Cable TV **Campus Closed Circuit TV** Nurse Call RFID/RTLS Intercom Assisted Listening ELECTRICAL Power Wall 🖵 Wall Voice, Data, Video, Mic Floor Power Floor Voice, Data, Video, Mic Instructor's Console Lighting House. General Linear Direct/Indirect Fixtures Task Lighting **Lighting Controls** Dimming
 - Emergency Power

AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Bottled Gas Storage

Prototypical Room Layout (100 Square Feet)



1/4"=1'

ACTUAL SIZE: 100 S.F.

REMARKS/NOTES:

• Overhead paging speakers in adjacent area corridors

Bottled Gas Storage

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

- No Lock
 Keyed Lock
 Card Access
 Video Surveillance
- ____

DOOR HARDWARE

Standard Hardware Set
 Automatic Door Operators
 Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special: <u>Not Applicable</u>
STP Wall: _____
STP Floor: _____

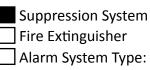
MECHANICAL

- Temperature: 70-75F & 30-60%
 Heating & Cooling: Maintain 75F
 Ventilation (Per Code)
- Acoustical Control
- 15 Air Changes/Hour
- 10 Air Changes/Hour
- 6 Air Changes/Hour
- 100% Make-up Air
- Air Pressure Positive
- Air Pressure NegativeHoodsChemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

PLUMBING

Hand Washing Sink
Multiple Basin Sink
Floor Drain
Floor Sink
Safety Shower/Eyewash
Reverse Osmosis (RO)
Carbon Dioxide (CO2)
Nitrogen (N2)
Oxygen (O2)
Natural Gas
Vacuum
Nitrous Oxide
Compressed Air

FIRE SUPPRESSION/DETECTION



COMMUNICATIONS

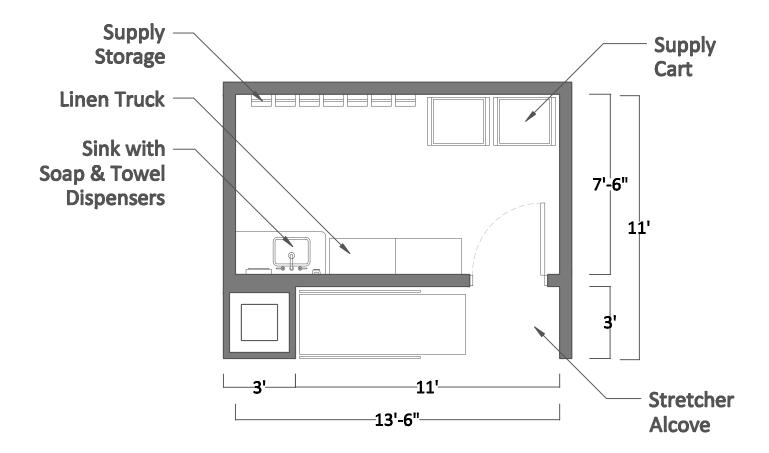
- Voice (Telephone) Data (Computer) Data (Print/Scan/Fax) Cable TV Campus Closed Circuit TV Nurse Call RFID/RTLS Intercom Assisted Listening ELECTRICAL Power Wall 🖵 Wall Voice, Data, Video, Mic Floor Power 🚽 Floor Voice, Data, Video, Mic Instructor's Console Lighting House. General Linear Direct/Indirect Fixtures ____ Task Lighting Lighting Controls Dimming
- Emergency Power

AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Clean Utility

Prototypical Room Layout (100 Square Feet)



1/4"=1'

REMARKS/NOTES:

- Card reader with Clinical Staff access
- Single outlet roughin location with (2) Cat6A cables
- Additional outlets may be needed for inventory control
- Wall phone outlet

- ACTUAL SIZE: 100 S.F.
- Overhead paging speakers in adjacent area corridors
- Nurse call duty station requiring
- a single outlet roughin

Clean Utility

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

No Lock
 Keyed Lock
 Card Access
 Video Surveillance

DOOR HARDWARE

- Standard Hardware Set
- Electric Hardware Set

ARCHITECTURAL

Floor VCT (Chemical Resistance) VCT Welded Seam Sheet Vinyl Ероху Carpet Sealed Concrete Partitions Gyp Board, Epoxy Paint Gyp Board, Paint רעע⊂ Glass Other: Curtain w/ Track Base 4" Rubber Integral w/ Floor Other: Ceiling Open Acoustical Tile Gyp Board Door Wood Metal Vision Panel Glass

ACOUSTICS

MECHANICAL

- Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F Ventilation (Per Code) Acoustical Control 15 Air Changes/Hour 10 Air Changes/Hour 6 Air Changes/Hour]100% Make-up Air Air Pressure Positive Air Pressure Negative Hoods Chemical Fume Hood Laminar Flow Hood **Biological Safety Cabinet** Snorkel Canopy Hood Other: PLUMBING
- Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air

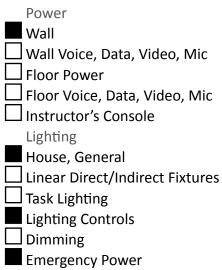
 FIRE SUPPRESSION/DETECTION

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS

Voice (Telephone)
 Data (Computer)
 Data (Print/Scan/Fax)
 Cable TV
 Campus Closed Circuit TV
 Nurse Call
 RFID/RTLS
 Intercom
 Assisted Listening

ELECTRICAL

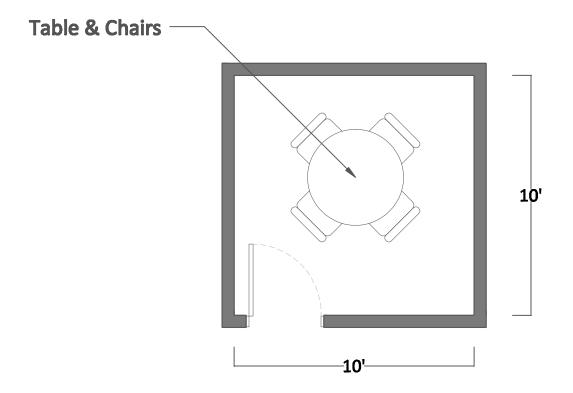


AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Consultation, Family

Prototypical Room Layout (100 Square Feet)



1/4"=1'

REMARKS/NOTES:

• Single outlet roughin location with (2) Cat6A cables

• Overhead paging speakers in adjacent area corridors

ACTUAL SIZE: 100 S.F.

Consultation, Family

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day
 - 24 Hours/Day

SECURITY

No Lock Keyed Lock Card Access Video Surveillance

DOOR HARDWARE

Standard Hardware Set
 Automatic Door Operators
 Electric Hardware Set

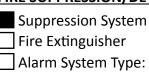
ARCHITECTURAL



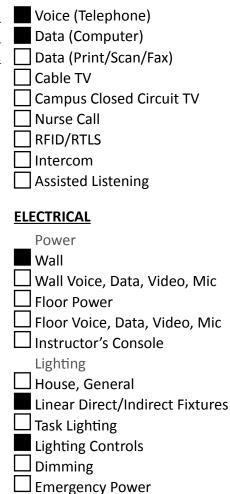
ACOUSTICS Special: Walls to Deck with Sound Batt Insulation Located in Walls **MECHANICAL** Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F Ventilation (Per Code) Acoustical Control 15 Air Changes/Hour 10 Air Changes/Hour 6 Air Changes/Hour]100% Make-up Air Air Pressure Positive Air Pressure Negative Hoods Chemical Fume Hood Laminar Flow Hood **Biological Safety Cabinet** Snorkel Canopy Hood Other: PLUMBING Hand Washing Sink Multiple Basin Sink Floor Drain Floor Sink Safety Shower/Eyewash Reverse Osmosis (RO) Carbon Dioxide (CO2) Nitrogen (N2) Oxygen (O2) Natural Gas Vacuum

Nitrous Oxide

FIRE SUPPRESSION/DETECTION



COMMUNICATIONS

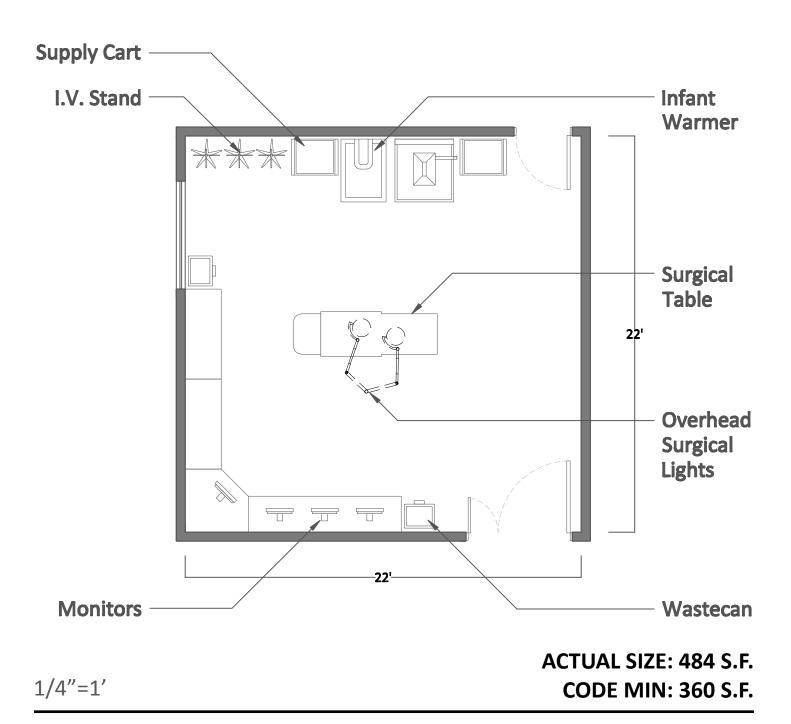


AUDIO/VISUAL



C-Section Operating Room

Prototypical Room Layout (484 Square Feet)



REMARKS/NOTES:

- (8) Single outlet wall roughin locations with (2) Cat6A cables
- (1) Ceiling outlet roughin with (4) Cat6A cables
- (2) Wall Phones with (1) Cat6A cable each
- (1) Single outlet wall roughin location with (1) RTLS Cat6A cable
- (2) Nurse call patient stations requiring a 3-gang outlet roughin
- Overhead paging speakers in adjacent area corridors
- OR integration system with (4) overhead speakers, (2) cameras, and (2) in-field displays
- OR control & management touchscreen wall mounted with (1) Cat6A cable

C-Section Operating Room

Room Data Sheet

UTILIZATION (HOURS OF USE)

- ☐ 8 Hours/Day
 ☐ 14 Hours/Day
- 24 Hours/Day

SECURITY

No Lock
 Keyed Lock
 Card Access
 Video Surveillance

DOOR HARDWARE

Standard Hardware Set
 Automatic Door Operators
 Electric Hardware Set

ARCHITECTURAL



ACOUSTICS



- STP Floor: <u>See Appendix Table 1</u>
- MECHANICAL
- Temperature: 70-75F & 30-60%
 Heating & Cooling: Maintain 75F
- Ventilation (Per Code) Acoustical Control
- 15 Air Changes/Hour 10 Air Changes/Hour
- 6 Air Changes/Hour
- 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

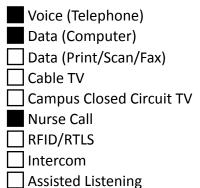
PLUMBING

Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air

FIRE SUPPRESSION/DETECTION

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS



ELECTRICAL

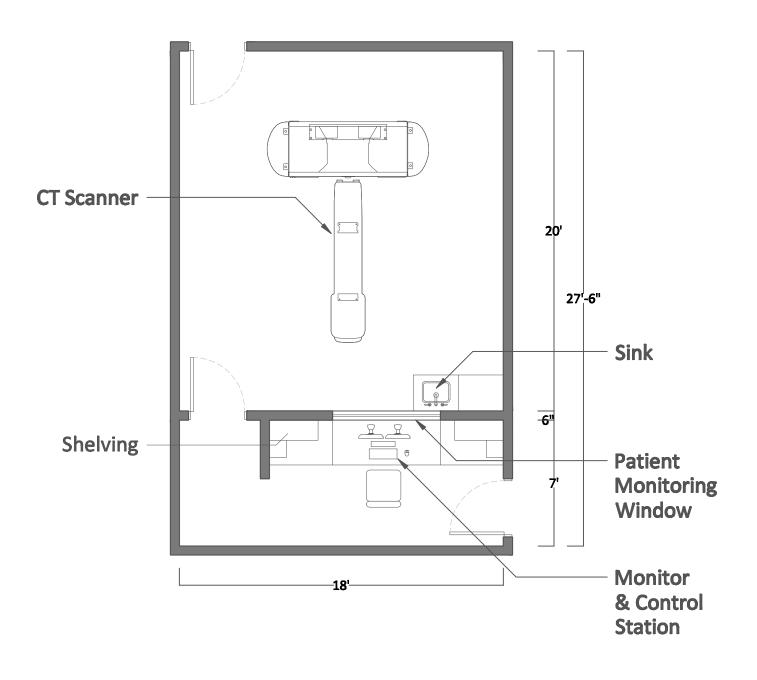


AUDIO/VISUAL



CT Scan and Control

Prototypical Room Layout (480 Square Feet)



3/16"=1'

REMARKS/NOTES:

- (3) Single wall outlet roughin locations with (2) Cat6A cables per
- Card reader with Clinical Staff access
- Overhead paging speakers in adjacent area corridors
- (1) Nurse call patient station requiring a 3-gang outlet roughin

ACTUAL SIZE: 360 S.F. CONTROL ROOM: 120 S.F.

- (1) Corridor light
- Integrated intercom equipment roughin

CT Scan and Control

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

No Lock
 Keyed Lock
 Card Access
 Video Surveillance

DOOR HARDWARE

Standard Hardware Set
 Automatic Door Operators
 Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special:	Not Applicable
STP Wall:	
STP Floor:	

MECHANICAL

- Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F Ventilation (Per Code) Acoustical Control 15 Air Changes/Hour 10 Air Changes/Hour 6 Air Changes/Hour 100% Make-up Air Air Pressure Positive Air Pressure Negative Hoods Chemical Fume Hood Laminar Flow Hood **Biological Safety Cabinet** Snorkel Canopy Hood Other: PLUMBING
- Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air

 FIRE SUPPRESSION/DETECTION

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS



ELECTRICAL

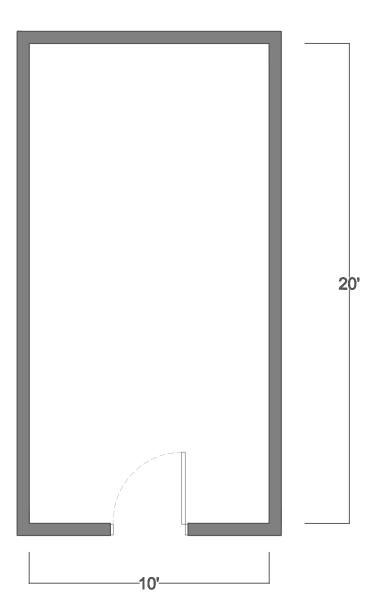


AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Electrical Closet

Prototypical Room Layout (200 Square Feet)



1/4"=1'

ACTUAL SIZE: 200 S.F.

REMARKS/NOTES:

• Card reader with Facility Staff access

• (1) Wall phone with (1) Cat6A cable

Electrical Closet

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

No Lock
Keyed Lock
Card Access
Video Surveillance

DOOR HARDWARE

- Standard Hardware Set Automatic Door Operators
- Electric Hardware Set

ARCHITECTURAL

ACOUSTICS

Special:	Not Applicable
STP Wall:	
STP Floor:	

MECHANICAL

- Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F
- Ventilation (Per Code)
- Acoustical Control
- 15 Air Changes/Hour
- 10 Air Changes/Hour
- 6 Air Changes/Hour 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

PLUMBING

Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air

FIRE SUPPRESSION/DETECTION

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS

- Voice (Telephone)
 Data (Computer)
 Data (Print/Scan/Fax)
 Cable TV
 Campus Closed Circuit TV
 Nurse Call
 RFID/RTLS
 Intercom
 Assisted Listening

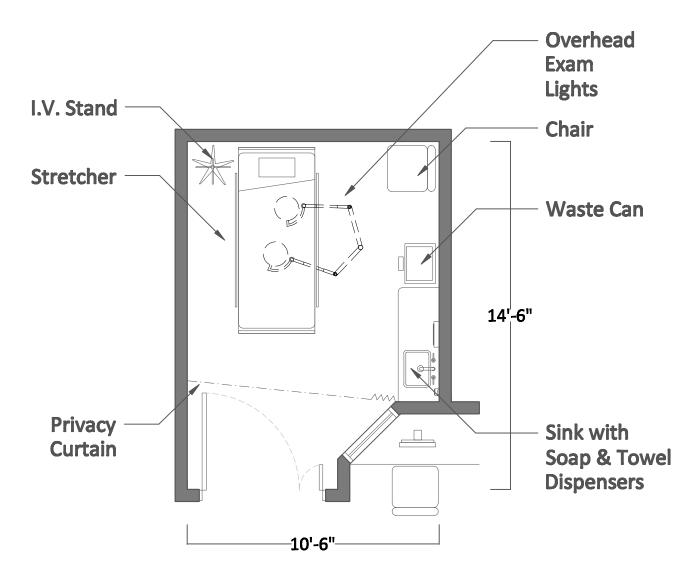
 ELECTRICAL
 Power
 Wall
- __ Wall Voice, Data, Video, Mic □ Floor Power
- Floor Voice, Data, Video, Mic
- Instructor's Console
- Lighting
- House, General
- Linear Direct/Indirect Fixtures
- ____ Task Lighting
- Lighting Controls
- Dimming
- Emergency Power

AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming ___ AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Exam/Treatment Room

Prototypical Room Layout (140 Square Feet)



ACTUAL SIZE: 140 S.F.

REMARKS/NOTES:

- (2) Single outlet wall roughin locations with (2) Cat6A cables
- (1) Ceiling outlet roughin location with (2) Cat6A cables
- TV outlet location with (1) Cat6A cable
- Overhead pagining speakers in adjacent area corridors

• (1) Nurse call patient station and (1) staff terminal requiring a 3-gang outlet roughin each

Exam/Treatment Room

Room Data Sheet

UTILIZATION (HOURS OF USE)

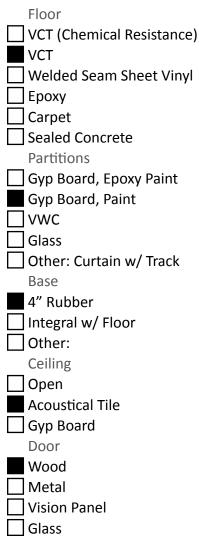
- ─ 8 Hours/Day ☐ 14 Hours/Day
 - 24 Hours/Day

SECURITY

- No Lock
- ___ Card Access ___ Video Surveillance
- DOOR HARDWARE
- Standard Hardware Set
 Automatic Door Operators

Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special:	
STP Wall:	See Appen

STP Wall: <u>See Appendix Table 1</u> STP Floor: <u>See Appendix Table 1</u>

MECHANICAL

- Heating & Cooling: Maintain 75F Ventilation (Per Code)
- Acoustical Control
- 15 Air Changes/Hour
- 10 Air Changes/Hour
- 6 Air Changes/Hour
- 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- 🗌 Canopy Hood
- Other:

PLUMBING

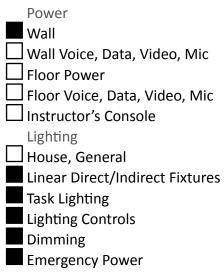
Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air **FIRE SUPPRESSION/DETECTION**

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS

Voice (Telephone)
 Data (Computer)
 Data (Print/Scan/Fax)
 Cable TV
 Campus Closed Circuit TV
 Nurse Call
 RFID/RTLS
 Intercom
 Assisted Listening

ELECTRICAL

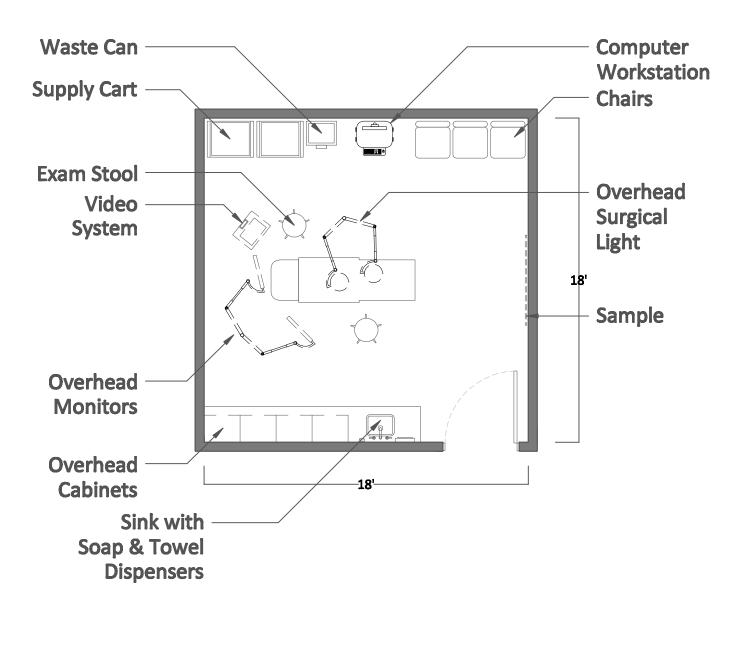


AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

GI Endoscopy Lab

Prototypical Room Layout (320 Square Feet)



3/16"=1'

REMARKS/NOTES:

- (8) Single outlet wall roughin locations with (2) Cat6A cables
 (1) Ceiling outlet roughin with (4)
- Cat6A cables
- (1) Wall Phones with (1) Cat6A cable
- (1) Single outlet wall roughin

location with (1) RTLS Cat6A cable(2) Nurse call patient stations

requiring a 3-gang outlet roughin
Overhead paging speakers in adjacent area corridors

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ACTUAL SIZE: 320 S.F.

- OR integration system with (4) overhead speakers, (2) cameras, and (2) in-field displays
- OR control & management touchscreen wall mounted with (1) Cat6A cable

GI Endoscopy Lab

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
- 24 Hours/Day

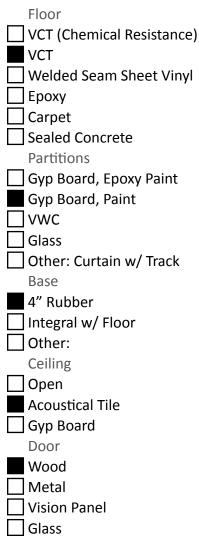
SECURITY

- No Lock
 Keyed Lock
 Card Access
- Video Surveillance

DOOR HARDWARE

Standard Hardware Set
 Automatic Door Operators
 Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special:	
STP Wall:	See Apper

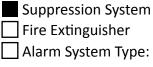
STP Floor: <u>See Appendix Table 1</u>

MECHANICAL

- Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F
- Ventilation (Per Code)
- Acoustical Control
- 15 Air Changes/Hour
- 10 Air Changes/Hour
- 6 Air Changes/Hour
- 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

PLUMBING

Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air



COMMUNICATIONS

Voice (Telephone)
 Data (Computer)
 Data (Print/Scan/Fax)
 Cable TV
 Campus Closed Circuit TV
 & 30-60%
 Nurse Call
 Maintain 75F
 RFID/RTLS
 Intercom
 Assisted Listening

ELECTRICAL

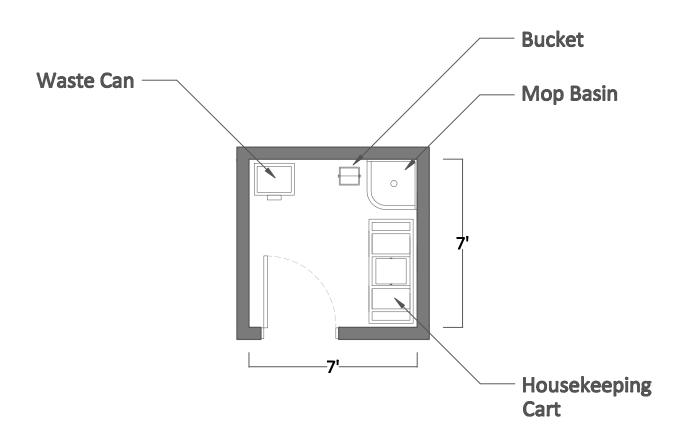


AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording **OR Integration & Control** OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Housekeeping

Prototypical Room Layout (50 Square Feet)



1/4"=1'

REMARKS/NOTES:

• (1) Wall phone with (1) Cat6A cable

• Card reader with EVS and Facility access

ACTUAL SIZE: 50 S.F.

Housekeeping

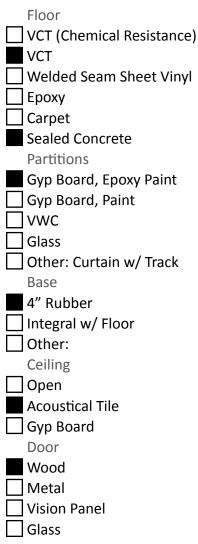
Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

- No Lock
 Keyed Lock
 Card Access
 Video Surveillance
- DOOR HARDWARE Standard Hardware Set Automatic Door Operators Electric Hardware Set
- ARCHITECTURAL



ACOUSTICS

Special: <u>Not Applicable</u>
STP Wall: <u>STP Floor:</u>

MECHANICAL

- Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F
- Ventilation (Per Code)
- Acoustical Control
- 15 Air Changes/Hour
- 10 Air Changes/Hour
- 6 Air Changes/Hour 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

PLUMBING

- Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air

 FIRE SUPPRESSION/DETECTION
- Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS

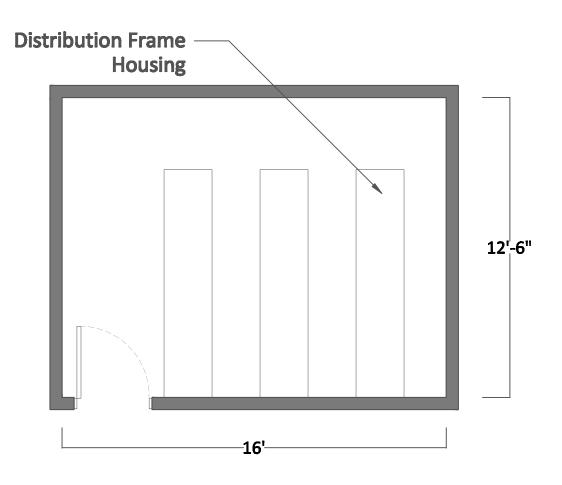
- Voice (Telephone) Data (Computer) Data (Print/Scan/Fax) Cable TV Campus Closed Circuit TV Nurse Call RFID/RTLS Intercom Assisted Listening ELECTRICAL Power Wall 🖵 Wall Voice, Data, Video, Mic Floor Power 🚽 Floor Voice, Data, Video, Mic Instructor's Console Lighting House. General Linear Direct/Indirect Fixtures
- Task Lighting
- Lighting Controls
- Dimming
 Emergency Power

AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Intermediate Distribution Frame

Prototypical Room Layout (200 Square Feet)



1/4"=1'

ACTUAL SIZE: 200 S.F.

REMARKS/NOTES:

• (1) Wall phone with (1) Cat6A cable

• Card reader with IT and BioMed access

Intermediate Distribution Frame

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

No Lock Keyed Lock Card Access Video Surveillance

DOOR HARDWARE

Standard Hardware Set Automatic Door Operators Electric Hardware Set

ARCHITECTURAL

Floor VCT (Chemical Resistance) **VCT** Welded Seam Sheet Vinyl Ероху Carpet Sealed Concrete Partitions Gyp Board, Epoxy Paint Gyp Board, Paint רעע⊂ Glass Other: Curtain w/ Track Base 4" Rubber Integral w/ Floor Other: Ceiling Open Acoustical Tile _ Gyp Board Door Wood Metal Vision Panel Glass

ACOUSTICS

Special:	Not Applicable
STP Wall:	
STP Floor:	

MECHANICAL

Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F Ventilation (Per Code) Acoustical Control 15 Air Changes/Hour 10 Air Changes/Hour 6 Air Changes/Hour]100% Make-up Air Air Pressure Positive Air Pressure Negative Hoods Chemical Fume Hood Laminar Flow Hood **Biological Safety Cabinet** Snorkel Canopy Hood Other:

PLUMBING

Hand Washing Sink Multiple Basin Sink Floor Drain Floor Sink Safety Shower/Eyewash Reverse Osmosis (RO) Carbon Dioxide (CO2) Nitrogen (N2) Oxygen (O2) Natural Gas Vacuum Nitrous Oxide Compressed Air FIRE SUPPRESSION/DETECTION

Suppression System Fire Extinguisher Alarm System Type:

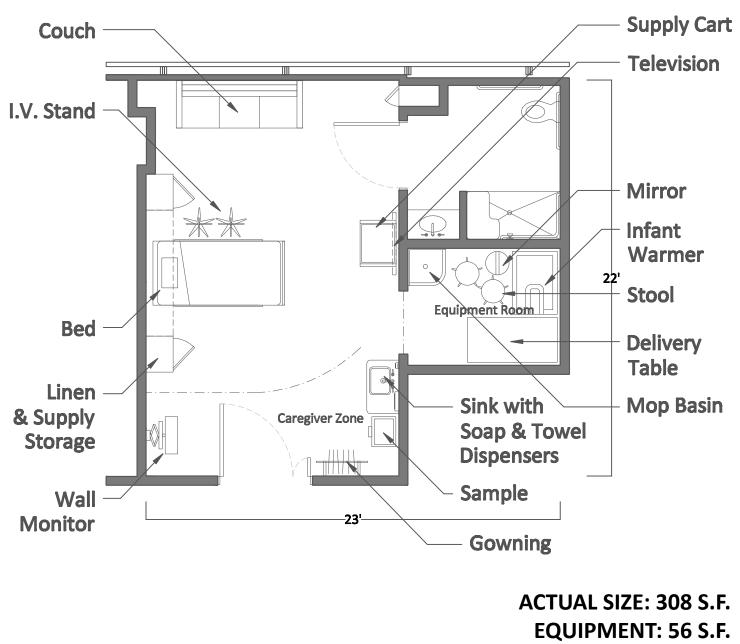
COMMUNICATIONS

- Voice (Telephone) Data (Computer) Data (Print/Scan/Fax) Cable TV **Campus Closed Circuit TV** Nurse Call RFID/RTLS Intercom Assisted Listening ELECTRICAL Power Wall 🖵 Wall Voice, Data, Video, Mic Floor Power Floor Voice, Data, Video, Mic Instructor's Console Lighting House. General
 - Linear Direct/Indirect Fixtures
 - Task Lighting
 - Lighting Controls
 - Dimming Emergency Power

AUDIO/VISUAL Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Labor/Delivery/Recovery Room

Prototypical Room Layout (428 Square Feet)



3/16"=1'

REMARKS/NOTES:

- (4) Single outlet wall roughin location with (2) Cat6A cables
- (1) Ceiling outlet roughin location with (2) Cat6A cables
- TV outlet location with (1) Cat6A cable
- Interactive content/Patient portal
- Overhead Paging speakers in adjacent area corridors
- (2) Nurse call patient station requiring a 3-gang outlet roughin
 Nurse call pull cord with audio in bathroom

TOILET: 64 S.F.

Labor/Delivery/Recovery Room

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
- 24 Hours/Day

SECURITY

- No Lock Keyed Lock Card Access
- Video Surveillance

DOOR HARDWARE

- Standard Hardware Set Automatic Door Operators
- Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

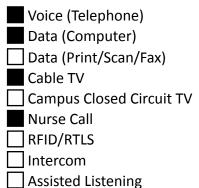


STP Floor: <u>See Appendix Table 1</u>

- **MECHANICAL** Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F Ventilation (Per Code) Acoustical Control 15 Air Changes/Hour 10 Air Changes/Hour 6 Air Changes/Hour 100% Make-up Air Air Pressure Positive Air Pressure Negative Hoods Chemical Fume Hood Laminar Flow Hood **Biological Safety Cabinet** Snorkel Canopy Hood Other: PLUMBING
- Hand Washing Sink Multiple Basin Sink Floor Drain Floor Sink Safety Shower/Eyewash Reverse Osmosis (RO) Carbon Dioxide (CO2) Nitrogen (N2) Oxygen (O2) Natural Gas Vacuum Nitrous Oxide Compressed Air FIRE SUPPRESSION/DETECTION

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS



ELECTRICAL

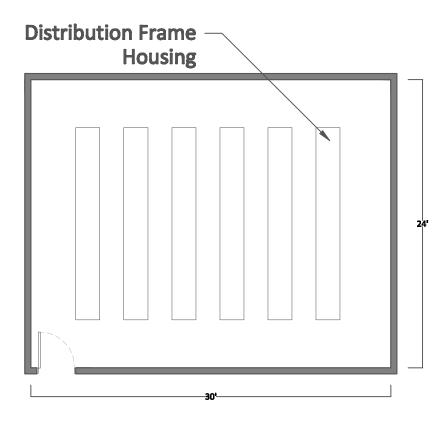


AUDIO/VISUAL



Main Distribution Frame

Prototypical Room Layout (720 Square Feet)



1/8"=1'

REMARKS/NOTES:

• (2) Wall phone with (1) Cat6A cable each

• Card reader with IT and BioMed access

ACTUAL SIZE: 720 S.F.

Main Distribution Frame

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

No Lock
 Keyed Lock
 Card Access
 Video Surveillance

DOOR HARDWARE

Standard Hardware Set Automatic Door Operators Electric Hardware Set

ARCHITECTURAL

Floor
VCT (Chemical Resistance
П VСТ
Welded Seam Sheet Vinyl
🗌 Ероху
Carpet
Sealed Concrete
Partitions
Gyp Board, Epoxy Paint
Gyp Board, Paint
□vwc
Glass
Other: Curtain w/ Track
Base
4" Rubber
🗌 Integral w/ Floor
Other:
Ceiling
Open
Acoustical Tile
Gyp Board
Door
Wood
Metal
Vision Panel
Glass

ACOUSTICS

Special:	Not Applicable
STP Wall:	
STP Floor: _	

MECHANICAL

- Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F Ventilation (Per Code) Acoustical Control 15 Air Changes/Hour 10 Air Changes/Hour
- 6 Air Changes/Hour
- 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- ____ Canopy Hood
- Other:

PLUMBING

Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air

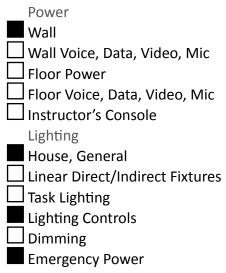
FIRE SUPPRESSION/DETECTION

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS

Voice (Telephone) Data (Computer) Data (Print/Scan/Fax) Cable TV Campus Closed Circuit TV Nurse Call RFID/RTLS Intercom Assisted Listening

ELECTRICAL

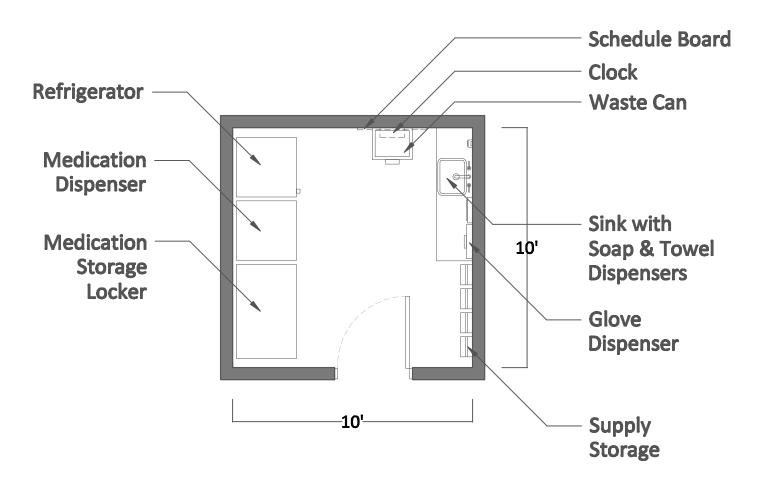


AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Medication

Prototypical Room Layout (100 Square Feet)



1/4"=1'

ACTUAL SIZE: 100 S.F.

REMARKS/NOTES:

- Card reader with Clinical Staff access
- (2) Single outlet wall roughin location with (2) Cat6A ables
- (1) Wall Phones with (1) Cat6A cable

• Overhead paging speakers in adjacent area corridors and room

- Nurse call duty station requiring a single outlet roughin
- Security camera with (1) ceiling (1) Cat6A cable

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Medication

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

No Lock
 Keyed Lock
 Card Access
 Video Surveillance

DOOR HARDWARE

Standard Hardware Set Automatic Door Operators Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special:	Not Applicable
STP Wall:	
STP Floor:	

MECHANICAL

- Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F
- Ventilation (Per Code) Acoustical Control
- 15 Air Changes/Hour 10 Air Changes/Hour
- 6 Air Changes/Hour
- 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

PLUMBING

Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air **FIRE SUPPRESSION/DETECTION**

Suppression System Fire Extinguisher Alarm System Type:

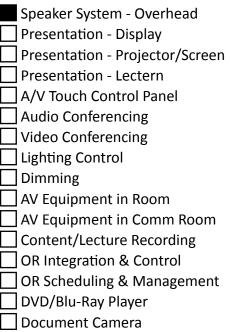
COMMUNICATIONS

Voice (Telephone)
 Data (Computer)
 Data (Print/Scan/Fax)
 Cable TV
 Campus Closed Circuit TV
 Nurse Call
 RFID/RTLS
 Intercom
 Assisted Listening

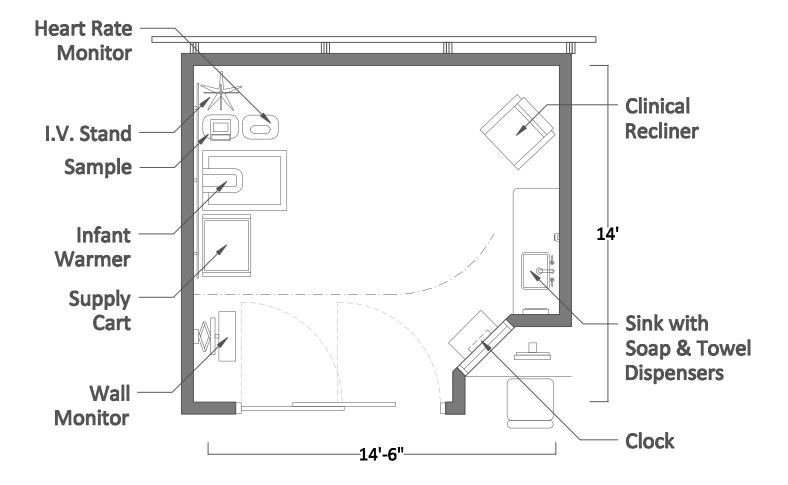
ELECTRICAL



AUDIO/VISUAL



NICU Prototypical Room Layout (200 Square Feet)



1/4"=1'

ACTUAL SIZE: 200 S.F.

REMARKS/NOTES:

- (4) Single outlet wall roughin location with (2) Cat6A cables
- TV outlet location with (1) Cat6A cable
- (1) Nurse call patient station and (1) staff terminal requiring a 3-gang outlet rouhin each
- Overhead pagining speakers in adjacent area corridors
- (1) RTLS ceiling mount at room door

NICU

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day
 - 24 Hours/Day

SECURITY

- No Lock
 Keyed Lock
 Card Access
- Video Surveillance

DOOR HARDWARE

- Standard Hardware Set
 Automatic Door Operators
- Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special:	
STP Wall:	See Ar

STP Floor: See Appendix Table 1

MECHANICAL

- Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F
- Ventilation (Per Code)
- Acoustical Control
- 🗌 15 Air Changes/Hour
- 10 Air Changes/Hour
- 6 Air Changes/Hour
- 🗌 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

PLUMBING

Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air **FIRE SUPPRESSION/DETECTION**

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS

ELECTRICAL

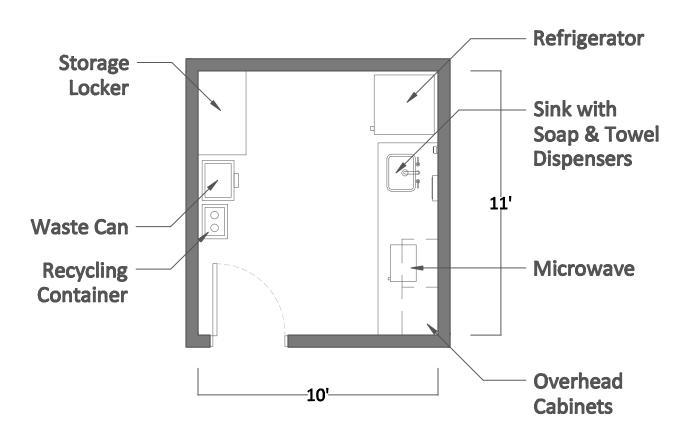


AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Nourishment

Prototypical Room Layout (110 Square Feet)



1/4"=1'

ACTUAL SIZE: 110 S.F.

REMARKS/NOTES:

- Card reader with Clinical Staff access
- (1) Single outlet wall roughin location with (2) Cat6A cables
- Overhead pagining speakers in adjacent area corridors and room
- Nurse call duty station requiring a single outlet roughin

Nourishment

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day
 14 Hours/Day
 - 24 Hours/Day

SECURITY

- No Lock
 Keyed Lock
 Card Access
- Video Surveillance

DOOR HARDWARE

Standard Hardware Set
 Automatic Door Operators
 Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special: <u>Not Applicable</u>
STP Wall: _____
STP Floor: _____

MECHANICAL

- Temperature: 70-75F & 30-60%
- Heating & Cooling: Maintain 75F
- Ventilation (Per Code)
- Acoustical Control
- 15 Air Changes/Hour
 10 Air Changes/Hour
- 6 Air Changes/Hour
- 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

PLUMBING

Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air

FIRE SUPPRESSION/DETECTION

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS

Voice (Telephone)
 Data (Computer)
 Data (Print/Scan/Fax)
 Cable TV
 Campus Closed Circuit TV
 Nurse Call
 RFID/RTLS
 Intercom
 Assisted Listening

ELECTRICAL

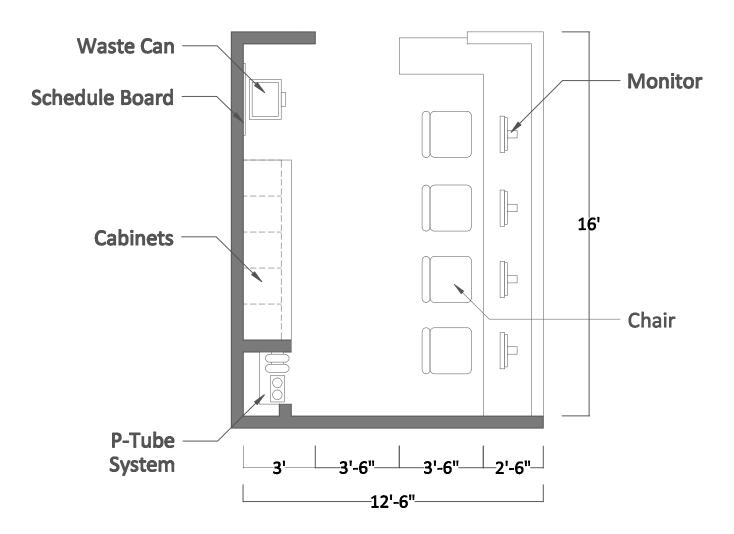


AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Nurse Station

Prototypical Room Layout (200 Square Feet)



1/4"=1'

ACTUAL SIZE: 200 S.F.

REMARKS/NOTES:

- Card reader with Clinical Staff access
- (4) Single outlet wall roughin location with (4) Cat6A cables
- Overhead pagining speakers in adjacent area corridors and room
- Nurse call console station requiring a single outlet roughin

- Security duress buttom with (1) single roughin
- If P-Tube located here add (1) Cat6A at location

Nurse Station

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

- No Lock Keyed Lock Card Access
- Video Surveillance

DOOR HARDWARE

- Standard Hardware Set Automatic Door Operators
- Electric Hardware Set

ARCHITECTURAL

Floor VCT (Chemical Resistance) VCT Welded Seam Sheet Vinyl Ероху Carpet Sealed Concrete Partitions Gyp Board, Epoxy Paint Gyp Board, Paint רעע⊂ Glass Other: Curtain w/ Track Base 4" Rubber Integral w/ Floor Other: Ceiling Open Acoustical Tile Gyp Board Door Wood Metal Vision Panel Glass

ACOUSTICS

Special: <u>Not Applicable</u> STP Wall: STP Floor:

MECHANICAL

Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F Ventilation (Per Code) Acoustical Control 15 Air Changes/Hour 10 Air Changes/Hour 6 Air Changes/Hour 100% Make-up Air Air Pressure Positive Air Pressure Negative Hoods Chemical Fume Hood Laminar Flow Hood **Biological Safety Cabinet** Snorkel Canopy Hood Other:

PLUMBING

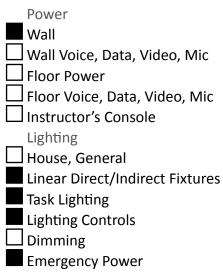
Hand Washing Sink Multiple Basin Sink Floor Drain Floor Sink Safety Shower/Eyewash Reverse Osmosis (RO) Carbon Dioxide (CO2) Nitrogen (N2) Oxygen (O2) Natural Gas Vacuum Nitrous Oxide Compressed Air FIRE SUPPRESSION/DETECTION

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS

Voice (Telephone) Data (Computer) Data (Print/Scan/Fax) Cable TV Campus Closed Circuit TV Nurse Call RFID/RTLS Intercom Assisted Listening

ELECTRICAL

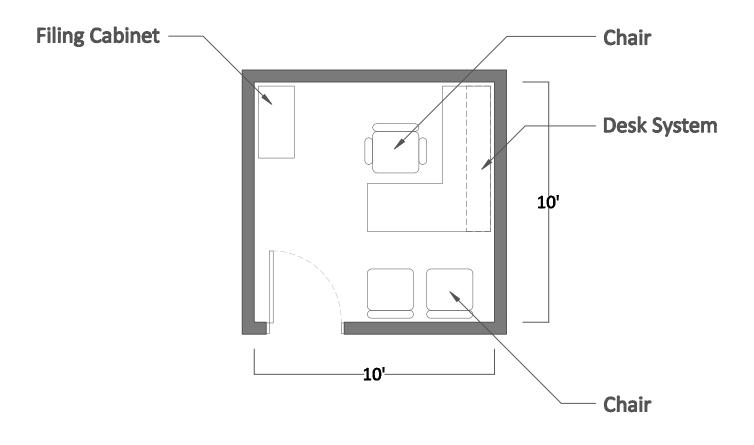


AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Offices - Manager/Director

Prototypical Room Layout (100 Square Feet)



1/4"=1'

ACTUAL SIZE: 100 S.F.

REMARKS/NOTES:

• (2) Single outlet wall roughin location with (2) Cat6A cables

Offices - Manager/Director

Room Data Sheet

UTILIZATION (HOURS OF USE)



SECURITY

No Lock Keyed Lock Card Access Video Surveillance

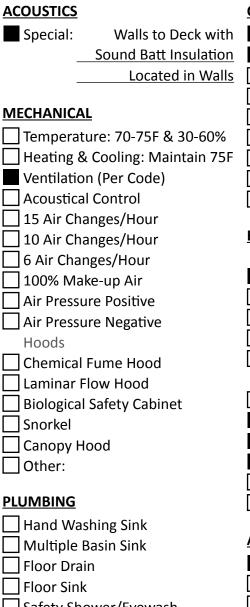
DOOR HARDWARE

Standard Hardware Set Automatic Door Operators Electric Hardware Set

ARCHITECTURAL

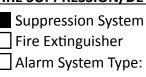


ACOUSTICS



- Safety Shower/Eyewash Reverse Osmosis (RO)
- Carbon Dioxide (CO2) Nitrogen (N2) Oxygen (O2) Natural Gas Vacuum Nitrous Oxide Compressed Air

FIRE SUPPRESSION/DETECTION



COMMUNICATIONS

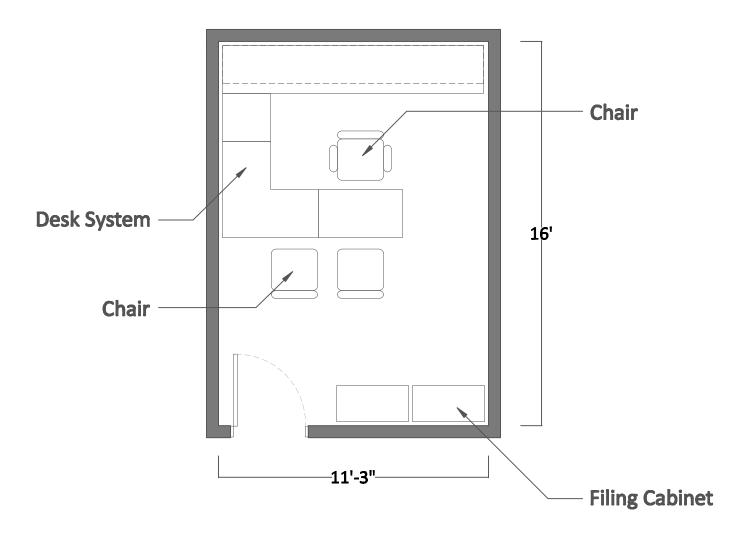
Voice (Telephone) Data (Computer) Data (Print/Scan/Fax) Cable TV **Campus Closed Circuit TV** Nurse Call RFID/RTLS Intercom Assisted Listening **ELECTRICAL** Power Wall Wall Voice, Data, Video, Mic Floor Power Floor Voice, Data, Video, Mic Instructor's Console Lighting House. General Linear Direct/Indirect Fixtures Task Lighting Lighting Controls Dimming Emergency Power

AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Offices - Vice President

Prototypical Room Layout (180 Square Feet)



1/4"=1'

ACTUAL SIZE: 180 S.F.

REMARKS/NOTES:

• (2) Single outlet wall roughin location with (2) Cat6A cables

Offices - Vice President

Room Data Sheet

UTILIZATION (HOURS OF USE)



SECURITY

No Lock Keyed Lock Card Access Video Surveillance

DOOR HARDWARE

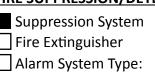
Standard Hardware Set
 Automatic Door Operators
 Electric Hardware Set

ARCHITECTURAL



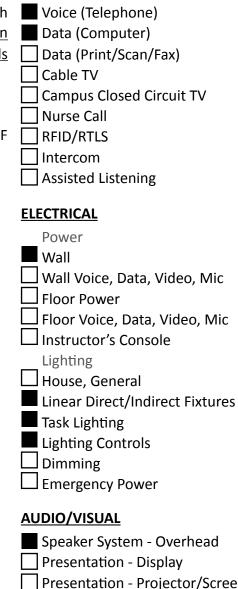
ACOUSTICS Special: Walls to Deck with Sound Batt Insulation Located in Walls **MECHANICAL** Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F Ventilation (Per Code) Acoustical Control 15 Air Changes/Hour 10 Air Changes/Hour 6 Air Changes/Hour]100% Make-up Air Air Pressure Positive Air Pressure Negative Hoods Chemical Fume Hood Laminar Flow Hood **Biological Safety Cabinet** Snorkel Canopy Hood Other: PLUMBING Hand Washing Sink Multiple Basin Sink Floor Drain Floor Sink Safety Shower/Eyewash Reverse Osmosis (RO) Carbon Dioxide (CO2) Nitrogen (N2) Oxygen (O2) Natural Gas Vacuum Nitrous Oxide

FIRE SUPPRESSION/DETECTION



Compressed Air

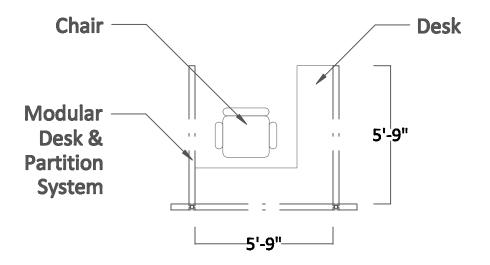
COMMUNICATIONS



Presentation - Display
 Presentation - Projector/Screen
 Presentation - Lectern
 A/V Touch Control Panel
 Audio Conferencing
 Video Conferencing
 Lighting Control
 Dimming
 AV Equipment in Room
 AV Equipment in Comm Room
 Content/Lecture Recording
 OR Integration & Control
 OR Scheduling & Management
 DVD/Blu-Ray Player
 Document Camera

Offices - Single Open Workstation

Prototypical Room Layout (33 Square Feet)



1/4"=1'

REMARKS/NOTES:

- Modular furniture system
- (2) Single outlet wall roughin
- location with (2) Cat6A cables

ACTUAL SIZE: 33 S.F.

Offices - Single Open Workstation

Room Data Sheet

UTILIZATION (HOURS OF USE)

8 Hours/Day
14 Hours/Day
24 Hours/Day

SECURITY

No Lock Keyed Lock Card Access Video Surveillance

DOOR HARDWARE

- Standard Hardware Set Automatic Door Operators Electric Hardware Set
- ARCHITECTURAL

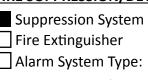
Floor
VCT (Chemical Resistance)
□ vст
Welded Seam Sheet Vinyl
Ероху
Carpet
Sealed Concrete
Partitions
Gyp Board, Epoxy Paint
Gyp Board, Paint
vwc
Glass
Other: Curtain w/ Track
Base
4" Rubber
Integral w/ Floor
Other:
Ceiling
Open
Acoustical Tile
Gyp Board
Door
Wood
Metal
Vision Panel
Glass

ACOUSTICS

Special:	Not Applicable
STP Wall:	
STP Floor:	

- **MECHANICAL** Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F Ventilation (Per Code) Acoustical Control 15 Air Changes/Hour 10 Air Changes/Hour 6 Air Changes/Hour]100% Make-up Air Air Pressure Positive Air Pressure Negative Hoods Chemical Fume Hood Laminar Flow Hood **Biological Safety Cabinet** Snorkel Canopy Hood Other: PLUMBING
 - Hand Washing Sink Multiple Basin Sink Floor Drain Floor Sink Safety Shower/Eyewash Reverse Osmosis (RO) Carbon Dioxide (CO2) Nitrogen (N2) Oxygen (O2) Natural Gas Vacuum Nitrous Oxide **Compressed Air**

FIRE SUPPRESSION/DETECTION



COMMUNICATIONS

Voice (Telephone) Data (Computer) Data (Print/Scan/Fax) Cable TV **Campus Closed Circuit TV** Nurse Call RFID/RTLS Intercom Assisted Listening **ELECTRICAL** Power Wall Wall Voice, Data, Video, Mic Floor Power Floor Voice, Data, Video, Mic Instructor's Console Lighting House. General Linear Direct/Indirect Fixtures Task Lighting **Lighting Controls**

AUDIO/VISUAL

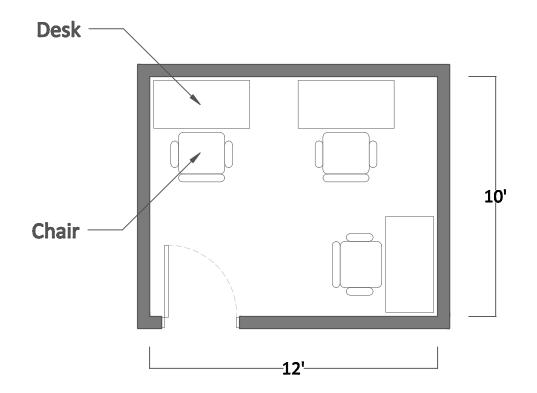
Dimming

Emergency Power

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Offices - Three-person Shared

Prototypical Room Layout (120 Square Feet)



1/4"=1'

ACTUAL SIZE: 120 S.F.

REMARKS/NOTES:

• (3) Single outlet wall roughin location with (2) Cat6A cables

Offices - Three-person Shared

Room Data Sheet

UTILIZATION (HOURS OF USE)



SECURITY

No Lock Keyed Lock Card Access Video Surveillance

DOOR HARDWARE

Standard Hardware Set Automatic Door Operators Electric Hardware Set

ARCHITECTURAL

Floor
VCT (Chemical Resistance)
VCT
Welded Seam Sheet Vinyl
Ероху
Carpet
Sealed Concrete
Partitions
Gyp Board, Epoxy Paint
Gyp Board, Paint
VWC
Glass
Other: Curtain w/ Track
Base
4" Rubber
Integral w/ Floor
Other:
Ceiling
Open
Acoustical Tile
Gyp Board
Door
Wood
Metal
Vision Panel
Glass

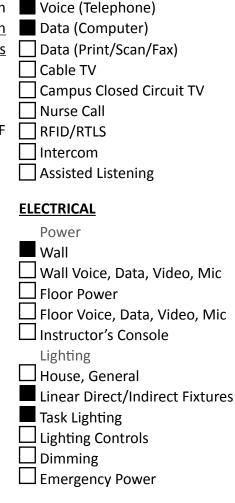
ACOUSTICS Special: Walls to Deck with Sound Batt Insulation Located in Walls **MECHANICAL** Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F Ventilation (Per Code) Acoustical Control 15 Air Changes/Hour 10 Air Changes/Hour 6 Air Changes/Hour Wall]100% Make-up Air Air Pressure Positive Air Pressure Negative Hoods Chemical Fume Hood Laminar Flow Hood **Biological Safety Cabinet** Snorkel Canopy Hood Other: PLUMBING Hand Washing Sink Multiple Basin Sink Floor Drain Floor Sink Safety Shower/Eyewash Reverse Osmosis (RO) Carbon Dioxide (CO2) Nitrogen (N2) Oxygen (O2) Natural Gas Vacuum Nitrous Oxide

FIRE SUPPRESSION/DETECTION

Suppression System **Fire Extinguisher** Alarm System Type:

Compressed Air

COMMUNICATIONS

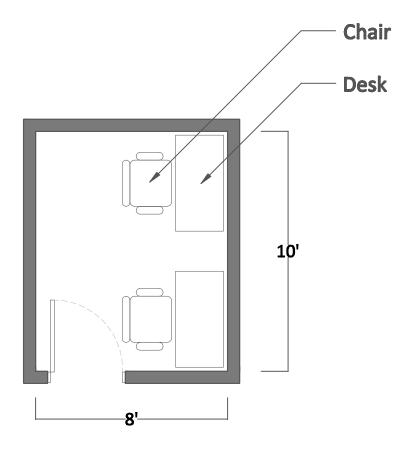


AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming ___ AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Offices - Two-person Shared

Prototypical Room Layout (80 Square Feet)



1/4"=1'

ACTUAL SIZE: 80 S.F.

REMARKS/NOTES:

• (2) Single outlet wall roughin location with (2) Cat6A cables

Offices - Two-person Shared

Room Data Sheet

UTILIZATION (HOURS OF USE)



SECURITY

No Lock Keyed Lock Card Access Video Surveillance

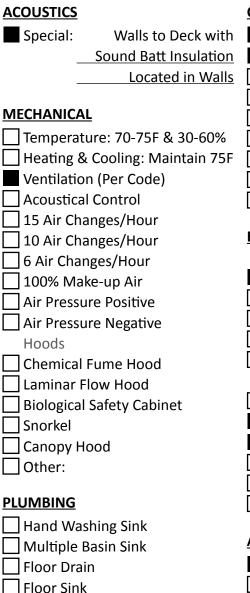
DOOR HARDWARE

Standard Hardware Set Automatic Door Operators Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

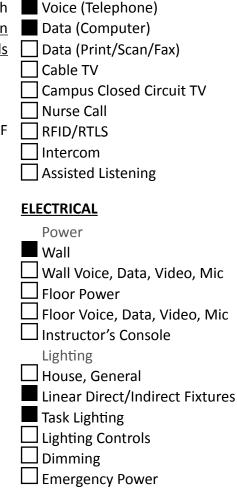


- Safety Shower/Eyewash
- Reverse Osmosis (RO)
- Carbon Dioxide (CO2) Nitrogen (N2)
- Oxygen (O2)
- Natural Gas
- Vacuum
- Nitrous Oxide
- Compressed Air

FIRE SUPPRESSION/DETECTION

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS

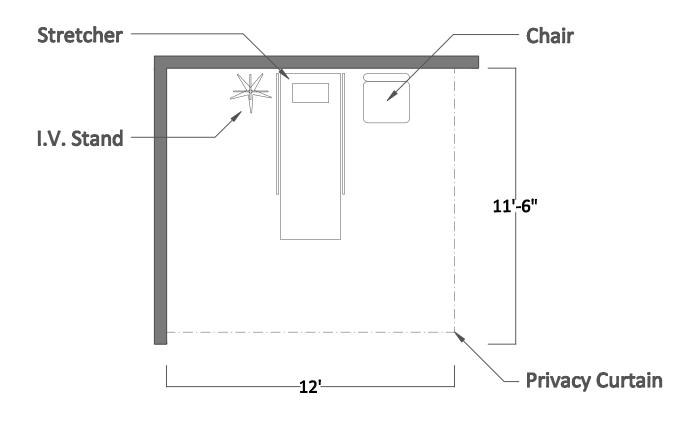


AUDIO/VISUAL



PACU Room

Prototypical Room Layout (140 Square Feet)



1/4"=1'

ACTUAL SIZE: 140 S.F.

REMARKS/NOTES:

- (2) Single outlet wall roughin location with (2) Cat6A cables
- Overhead pagining speakers in adjacent area corridors
- (1) Nurse patient station
- requiring a 3- gang outlet roughin
- (1) Corridor light

PACU Room

Room Data Sheet

UTILIZATION (HOURS OF USE)

- ☐ 8 Hours/Day
 ☐ 14 Hours/Day
 - 24 Hours/Day

SECURITY

- No Lock
 Keyed Lock
 Card Access
 Video Surveillance
- DOOR HARDWARE
- Standard Hardware Set
- Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special:	
STP Wall:	See

STP Wall:See Appendix Table 1STP Floor:See Appendix Table 1

MECHANICAL

- Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F
- Ventilation (Per Code)
- Acoustical Control
- 15 Air Changes/Hour
- 10 Air Changes/Hour
- 6 Air Changes/Hour
- 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

PLUMBING

Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air

FIRE SUPPRESSION/DETECTION

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS

Voice (Telephone)
 Data (Computer)
 Data (Print/Scan/Fax)
 Cable TV
 Campus Closed Circuit TV
 Nurse Call
 RFID/RTLS
 Intercom
 Assisted Listening

ELECTRICAL

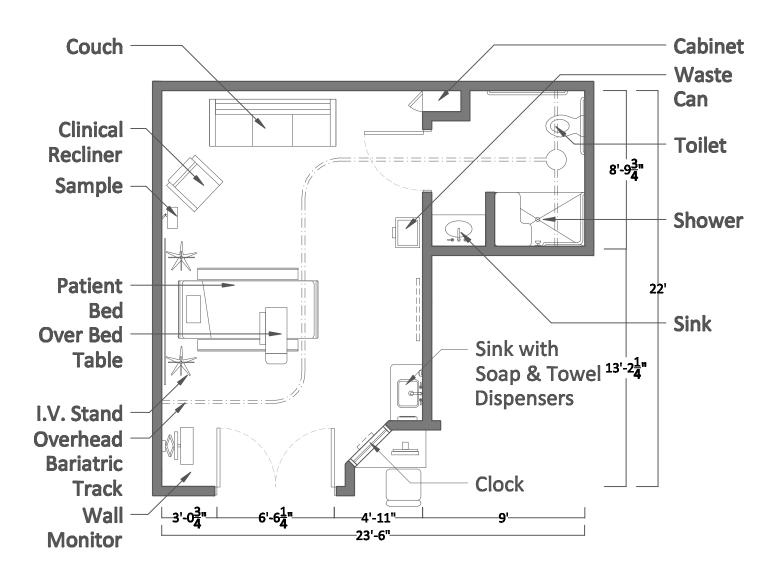


AUDIO/VISUAL

- Speaker System Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**
- Volume II | Chapter I

Patient Room, Bariatric

Prototypical Room Layout (375 Square Feet)



3/16"=1'

ACTUAL SIZE: 305 S.F. TOILET: 70 S.F.

REMARKS/NOTES:

- (3) Single outlet wall roughin location with (2) Cat6A cables
- TV outlet location with (1) Cat6A cable
- Overhead pagining speakers in adjacent area corridors
- (2) Nurse call pull cord with audio in bathroom
- (1) Nurse call patient station and (1) staff terminal requiring a 3-gang outlet rouhin each
- Meets ADA standards

Patient Room, Bariatric

Room Data Sheet

UTILIZATION (HOURS OF USE)

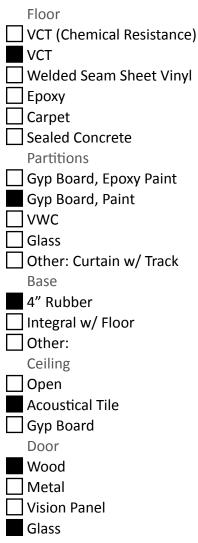
- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

- No Lock Keyed Lock Card Access
- Video Surveillance

DOOR HARDWARE

- Standard Hardware Set
 Automatic Door Operators
 Electric Hardware Set
- ARCHITECTURAL



ACOUSTICS

Special:	
STP Wall:	See Appendi

STP Wall: <u>See Appendix Table 1</u> STP Floor: <u>See Appendix Table 1</u>

MECHANICAL

- Temperature: 70-75F & 30-60%
 Heating & Cooling: Maintain 75F
 Ventilation (Per Code)
 Acoustical Control
 15 Air Changes/Hour
 10 Air Changes/Hour
 6 Air Changes/Hour
 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

PLUMBING

- Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air
- Suppression System
 Fire Extinguisher
 Alarm System Type:

COMMUNICATIONS

Voice (Telephone)
 Data (Computer)
 Data (Print/Scan/Fax)
 Cable TV
 Campus Closed Circuit TV
 Nurse Call
 RFID/RTLS
 Intercom
 Assisted Listening

ELECTRICAL

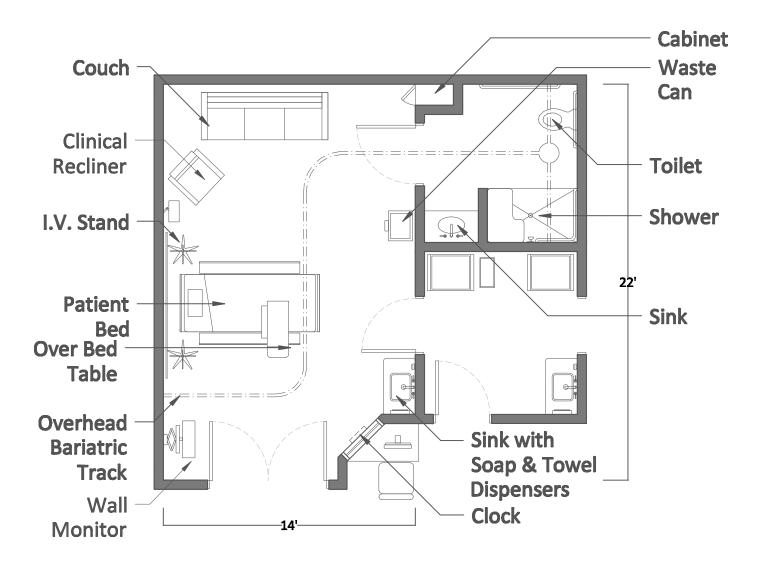


AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Patient Room, Bariatric ISO

Prototypical Room Layout (375 Square Feet)



3/16"=1'

ACTUAL SIZE: 305 S.F. TOILET: 70 S.F.

REMARKS/NOTES:

- (3) Single outlet wall roughin location with (2) Cat6A cables
- TV outlet location with (1) Cat6A cable
- Overhead pagining speakers in adjacent area corridors
- (2) Nurse call pull cord with audio in bathroom
- (1) Nurse call patient station and (1) staff terminal requiring a 3-gang outlet rouhin each
- Meets ADA standards

Patient Room, Bariatric ISO

Room Data Sheet

UTILIZATION (HOURS OF USE)

- ☐ 8 Hours/Day
 ☐ 14 Hours/Day
 - 24 Hours/Day

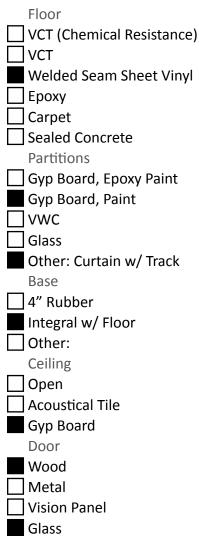
SECURITY

- No Lock
 Keyed Lock
 Card Access
- Video Surveillance

DOOR HARDWARE

Standard Hardware Set
 Automatic Door Operators
 Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special:	
STP Wall:	See Appendix T

STP Wall: <u>See Appendix Table 1</u> STP Floor: <u>See Appendix Table 1</u>

MECHANICAL

- Temperature: 70-75F & 30-60%
 Heating & Cooling: Maintain 75F
 Ventilation (Per Code)
 Acoustical Control
- ____15 Air Changes/Hour
- 10 Air Changes/Hour
- 6 Air Changes/Hour 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

PLUMBING

Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air **FIRE SUPPRESSION/DETECTION**

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS

Voice (Telephone)
 Data (Computer)
 Data (Print/Scan/Fax)
 Cable TV
 Campus Closed Circuit TV
 Nurse Call
 RFID/RTLS
 Intercom
 Assisted Listening

ELECTRICAL

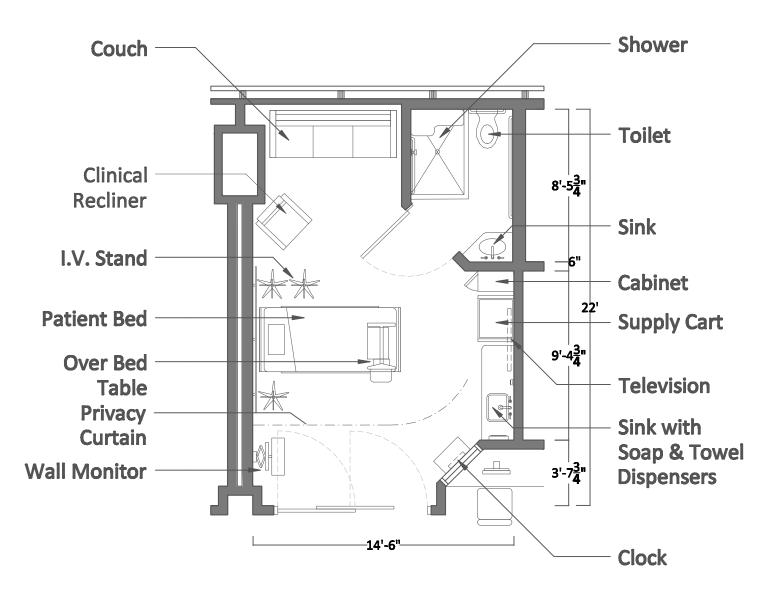


AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Patient Room, ICU

Prototypical Room Layout (315 Square Feet)



3/16"=1'

ACTUAL SIZE: 273 S.F. TOILET: 42 S.F.

REMARKS/NOTES:

- (3) Single outlet wall roughin location with (2) Cat6A cables
- TV outlet location with (1) Cat6A cable
- Overhead pagining speakers in adjacent area corridors
- (2) Nurse call pull cord with audio in bathroom
- (1) Nurse call patient station and (1) staff terminal requiring a 3-gang outlet rouhin each
- Meets ADA standards

Patient Room, ICU

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

- No Lock Keyed Lock Card Access
- Video Surveillance

DOOR HARDWARE

- Standard Hardware Set
 Automatic Door Operators
- _____ Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special: _	
STP Wall:	

STP Wall: <u>See Appendix Table 1</u> STP Floor: <u>See Appendix Table 1</u>

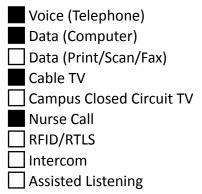
MECHANICAL

- Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F
- Ventilation (Per Code)
- Acoustical Control
- 🗌 15 Air Changes/Hour
- 10 Air Changes/Hour
- 6 Air Changes/Hour
- 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- 🗌 Canopy Hood
- Other:

PLUMBING

Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air

COMMUNICATIONS



ELECTRICAL

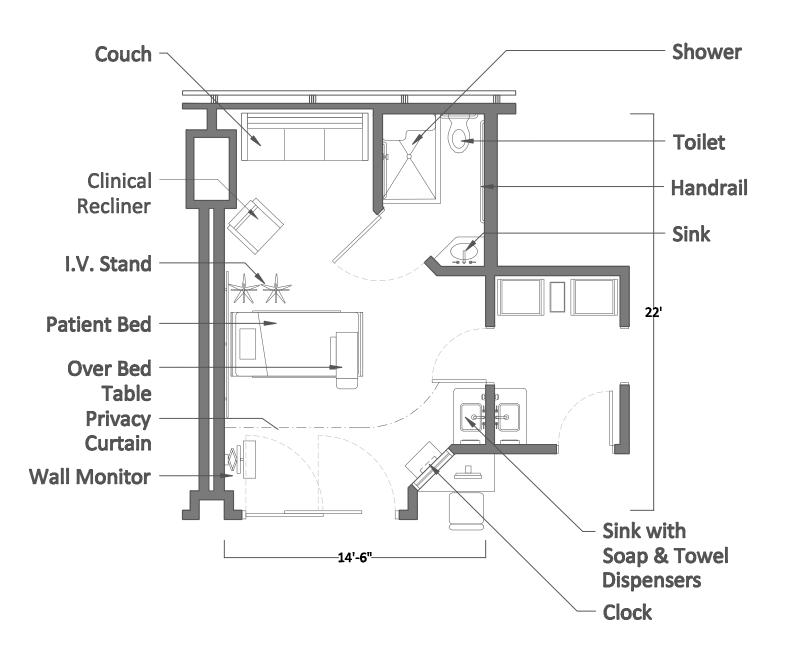


AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Patient Room, ICU ISO

Prototypical Room Layout (315 Square Feet)



3/16"=1'

ACTUAL SIZE: 273 S.F. TOILET: 42 S.F.

REMARKS/NOTES:

- (3) Single outlet wall roughin location with (2) Cat6A cables
- TV outlet location with (1) Cat6A cable
- Overhead pagining speakers in adjacent area corridors
- (2) Nurse call pull cord with audio in bathroom
- (1) Nurse call patient station and (1) staff terminal requiring a 3-gang outlet rouhin each
- Meets ADA standards

Patient Room, ICU ISO

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day
 14 Hours/Day
 - 24 Hours/Day

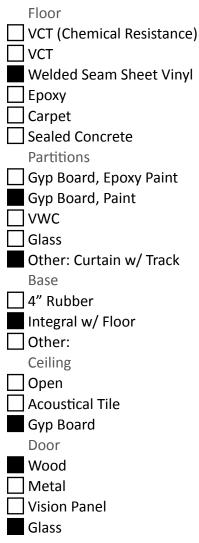
SECURITY

- No Lock
 Keyed Lock
 Card Access
- Video Surveillance

DOOR HARDWARE

Standard Hardware Set
 Automatic Door Operators
 Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special:	
STP Wall:	See Appendix Table 1

STP Floor: <u>See Appendix Table 1</u>

MECHANICAL

- Temperature: 70-75F & 30-60%
 Heating & Cooling: Maintain 75F
- Ventilation (Per Code)
- Acoustical Control
- 15 Air Changes/Hour
 10 Air Changes/Hour
- 6 Air Changes/Hour
- 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

PLUMBING

- Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air
- Suppression System
 Fire Extinguisher
 Alarm System Type:

COMMUNICATIONS

Voice (Telephone)
 Data (Computer)
 Data (Print/Scan/Fax)
 Cable TV
 Campus Closed Circuit TV
 Nurse Call
 RFID/RTLS
 Intercom
 Assisted Listening

ELECTRICAL

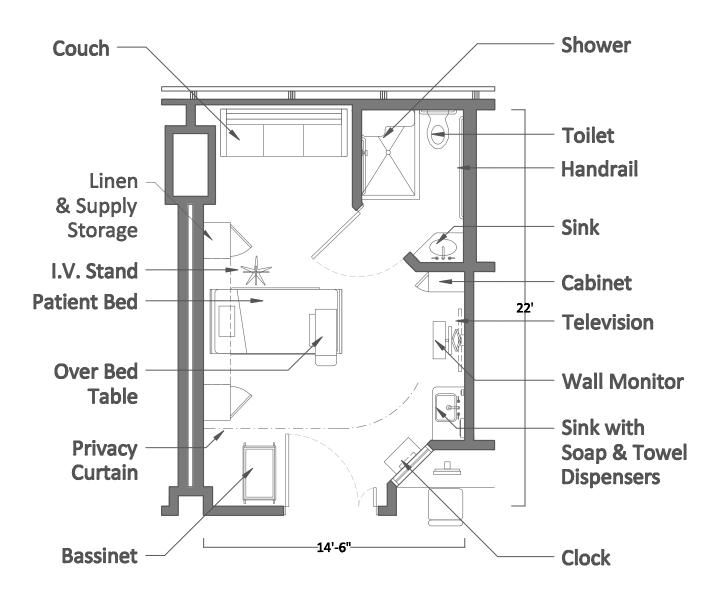


AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Patient Room, Post Partum

Prototypical Room Layout (306 Square Feet)



3/16"=1'

ACTUAL SIZE: 264 S.F. TOILET: 42 S.F.

REMARKS/NOTES:

- (4) Single outlet wall roughin location with (2) Cat6A cables
- TV outlet location with (1) Cat6A cable
- Overhead pagining speakers in adjacent area corridors
- (2) Nurse call pull cord with audio in bathroom
- (1) Nurse call patient station and
- (1) staff terminal requiring a 3-gang outlet rouhin each
- (1) RTLS ceiling mount at room door
- Meets ADA standards

Patient Room, Postpartum

Room Data Sheet

UTILIZATION (HOURS OF USE)

- ☐ 8 Hours/Day
 ☐ 14 Hours/Day
 - 24 Hours/Day

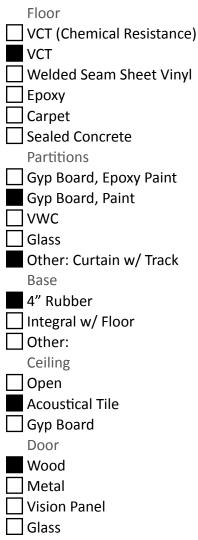
SECURITY

- No Lock
 Keyed Lock
 Card Access
- Video Surveillance

DOOR HARDWARE

- Standard Hardware Set
 Automatic Door Operators
- Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special:	
STP Wall:	See Appendi

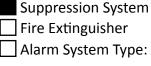
STP Wall: <u>See Appendix Table 1</u> STP Floor: <u>See Appendix Table 1</u>

MECHANICAL

- Temperature: 70-75F & 30-60%
 Heating & Cooling: Maintain 75F
 Ventilation (Per Code)
 Acoustical Control
 15 Air Changes/Hour
 10 Air Changes/Hour
 6 Air Changes/Hour
 100% Make-up Air
 Air Pressure Positive
 Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

PLUMBING

Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air



COMMUNICATIONS

Voice (Telephone)
 Data (Computer)
 Data (Print/Scan/Fax)
 Cable TV
 Campus Closed Circuit TV
 Nurse Call
 RFID/RTLS
 Intercom
 Assisted Listening

ELECTRICAL

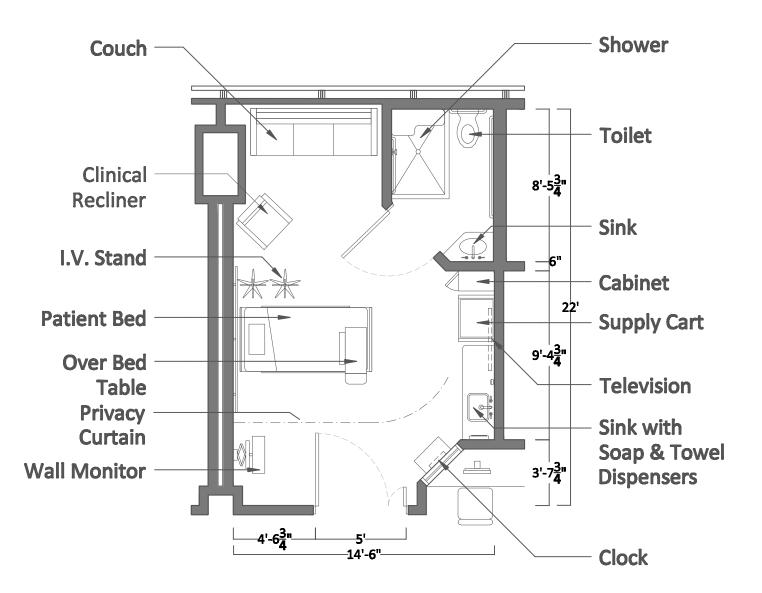


AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Patient Room, Standard

Prototypical Room Layout (315 Square Feet)



3/16"=1'

ACTUAL SIZE: 273 S.F. TOILET: 42 S.F.

REMARKS/NOTES:

- (4) Single outlet wall roughin location with (2) Cat6A cables
- TV outlet location with (1) Cat6A cable
- Overhead pagining speakers in adjacent area corridors
- (2) Nurse call pull cord with audio in bathroom
- Meets ADA standards

- (1) Nurse call patient station and (1) staff terminal requiring a 3-gang
- outlet rouhin each(1) RTLS ceiling mount at room door

Patient Room, Standard

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

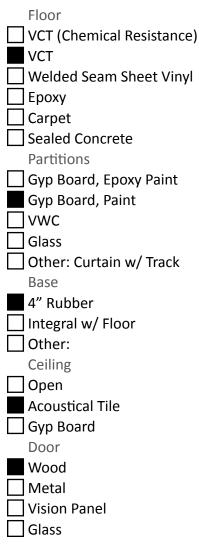
- No Lock
 Keyed Lock
 Card Access
- Video Surveillance

DOOR HARDWARE

Standard Hardware Set
Automatic Door Operators

Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special:	
STP Wall:	See Appendi

STP Wall: <u>See Appendix Table 1</u> STP Floor: <u>See Appendix Table 1</u>

MECHANICAL

- Temperature: 70-75F & 30-60%
 Heating & Cooling: Maintain 75F
 Ventilation (Per Code)
 Acoustical Control
 15 Air Changes/Hour
 10 Air Changes/Hour
 6 Air Changes/Hour
- 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

PLUMBING

- Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air
- Suppression System
 Fire Extinguisher
 Alarm System Type:

COMMUNICATIONS

Voice (Telephone)
 Data (Computer)
 Data (Print/Scan/Fax)
 Cable TV
 Campus Closed Circuit TV
 Nurse Call
 RFID/RTLS
 Intercom

ELECTRICAL

Assisted Listening

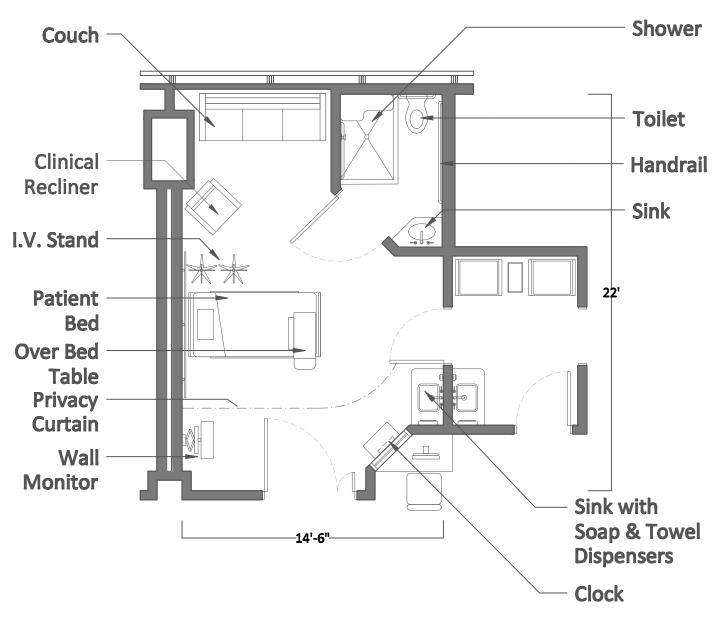


AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Patient Room, Standard ISO

Prototypical Room Layout (315 Square Feet)



3/16"=1'

ACTUAL SIZE: 273 S.F. TOILET: 42 S.F.

REMARKS/NOTES:

- (4) Single outlet wall roughin location with (2) Cat6A cables
- TV outlet location with (1) Cat6A cable
- Overhead pagining speakers in
- adjacent area corridors
- (2) Nurse call pull cord with audio in bathroom
- Meets ADA standards

- (1) Nurse call patient station and (1) staff terminal requiring a 3-gang outlet rouhin each
- (1) RTLS ceiling mount at room door

Patient Room, Standard ISO

Room Data Sheet

UTILIZATION (HOURS OF USE)

- ☐ 8 Hours/Day
 ☐ 14 Hours/Day
- 24 Hours/Day

SECURITY

- No Lock
 Keyed Lock
 Card Access
- Video Surveillance

DOOR HARDWARE

Standard Hardware Set
 Automatic Door Operators
 Electric Hardware Set

ARCHITECTURAL



ACOUSTICS



STP Floor: <u>See Appendix Table 1</u>

MECHANICAL

- Temperature: 70-75F & 30-60%
 Heating & Cooling: Maintain 75F
 Ventilation (Per Code)
 Acoustical Control
 15 Air Changes/Hour
- 10 Air Changes/Hour
- 6 Air Changes/Hour 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

PLUMBING

Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS

Voice (Telephone)
 Data (Computer)
 Data (Print/Scan/Fax)
 Cable TV
 Campus Closed Circuit TV
 Nurse Call
 RFID/RTLS
 Intercom
 Assisted Listening

ELECTRICAL

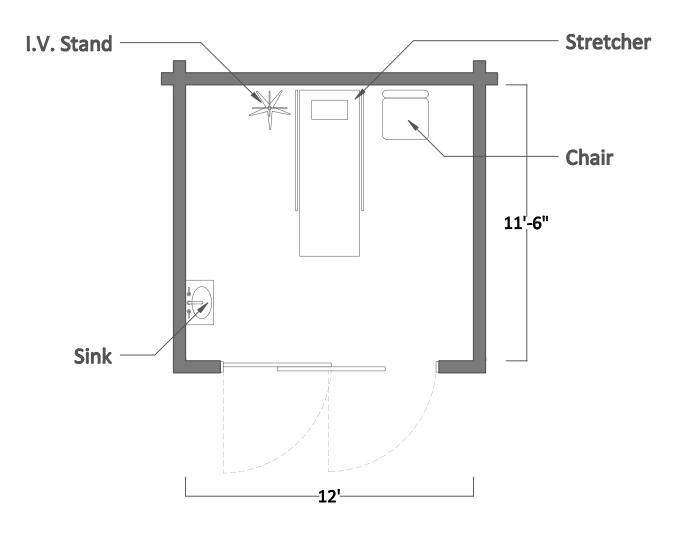


AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Pre-Op Holding

Prototypical Room Layout (140 Square Feet)



1/4"=1'

ACTUAL SIZE: 140 S.F.

REMARKS/NOTES:

- (2) Single outlet wall roughin location with (2) Cat6A cables
- TV outlet location with (1) Cat6A cable
- Overhead pagining speakers in adjacent area corridors
- (1) Nurse patient station requiring a 3- gang outlet roughin

• (1) RTLS ceiling mount at room door

Pre-Op Holding

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

- No Lock
 Keyed Lock
 Card Access
- Video Surveillance

DOOR HARDWARE

- Standard Hardware Set
 Automatic Door Operators
- Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special:	
STP Wall:	See A

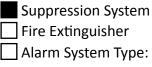
STP Wall: <u>See Appendix Table 1</u> STP Floor: <u>See Appendix Table 1</u>

MECHANICAL

- Temperature: 70-75F & 30-60%
 Heating & Cooling: Maintain 75F
- Ventilation (Per Code)
- Acoustical Control
- 15 Air Changes/Hour
- 10 Air Changes/Hour
- 6 Air Changes/Hour
- 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

PLUMBING

Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air **FIRE SUPPRESSION/DETECTION**



COMMUNICATIONS

Voice (Telephone)
 Data (Computer)
 Data (Print/Scan/Fax)
 Cable TV
 Campus Closed Circuit TV
 Nurse Call
 RFID/RTLS
 Intercom
 Assisted Listening

ELECTRICAL

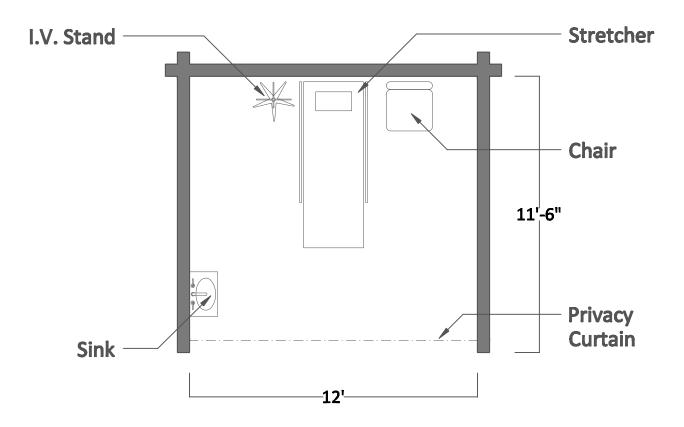


AUDIO/VISUAL



Recovery Room

Prototypical Room Layout (140 Square Feet)



1/4"=1'

ACTUAL SIZE: 140 S.F.

REMARKS/NOTES:

- (2) Single outlet wall roughin location with (2) Cat6A cables
- TV outlet location with (1) Cat6A cable
- Overhead pagining speakers in adjacent area corridors
- (1) Nurse patient station requiring a 3- gang outlet roughin

• (1) RTLS ceiling mount at room door

Recovery Room

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

- No Lock
 Keyed Lock
 Card Access
- Video Surveillance

DOOR HARDWARE

- Standard Hardware Set
- Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special:	
STP Wall:	See Ap

STP Wall: <u>See Appendix Table 1</u> STP Floor: <u>See Appendix Table 1</u>

MECHANICAL

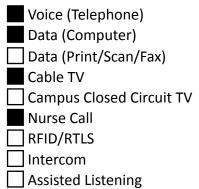
- Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F Ventilation (Per Code)
- Acoustical Control
- 15 Air Changes/Hour
- 10 Air Changes/Hour
- 6 Air Changes/Hour
- 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods
- Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- 🗌 Canopy Hood
- Other:

PLUMBING

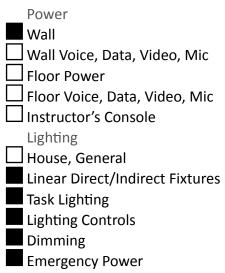
Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air **FIRE SUPPRESSION/DETECTION**

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS



ELECTRICAL

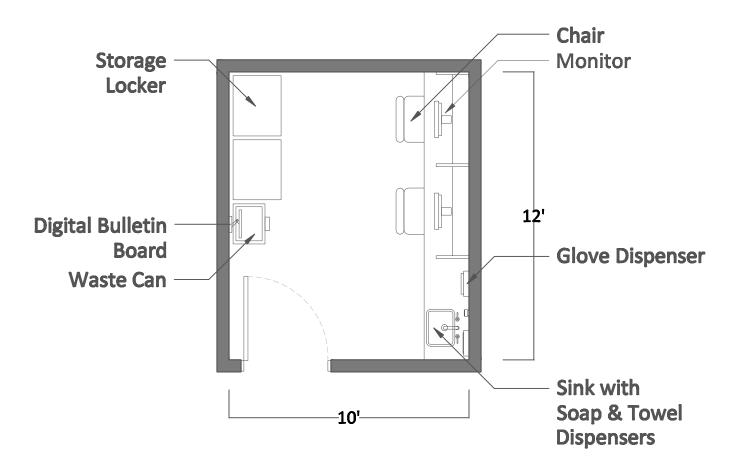


AUDIO/VISUAL



Respiratory Therapy Storage

Prototypical Room Layout (120 Square Feet)



1/4"=1'

ACTUAL SIZE: 120 S.F.

REMARKS/NOTES:

- Card reader with Clinical Staff access
- (1) Single outlet wall roughin location with (2) Cat6A cables
- (1) Wall phone with (1) Cat6A cable

Respiratory Therapy Storage

Room Data Sheet

UTILIZATION (HOURS OF USE)

- ☐ 8 Hours/Day ☐ 14 Hours/Day
 - 24 Hours/Day

SECURITY

- No Lock Keyed Lock Card Access
- Video Surveillance

DOOR HARDWARE

Standard Hardware Set
 Automatic Door Operators
 Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special:	Not Applicable
STP Wall:	
STP Floor:	

MECHANICAL

-] Temperature: 70-75F & 30-60%
- Heating & Cooling: Maintain 75F
- Ventilation (Per Code) Acoustical Control
- 15 Air Changes/Hour 10 Air Changes/Hour
- 6 Air Changes/Hour
- 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods Chemical Fume Hood
- Laminar Flow Hood
 Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

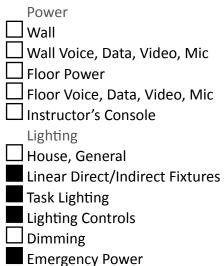
PLUMBING

- Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air

 FIRE SUPPRESSION/DETECTION
- Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS

Voice (Telephone)
 Data (Computer)
 Data (Print/Scan/Fax)
 Cable TV
 Campus Closed Circuit TV
 Nurse Call
 RFID/RTLS
 Intercom
 Assisted Listening

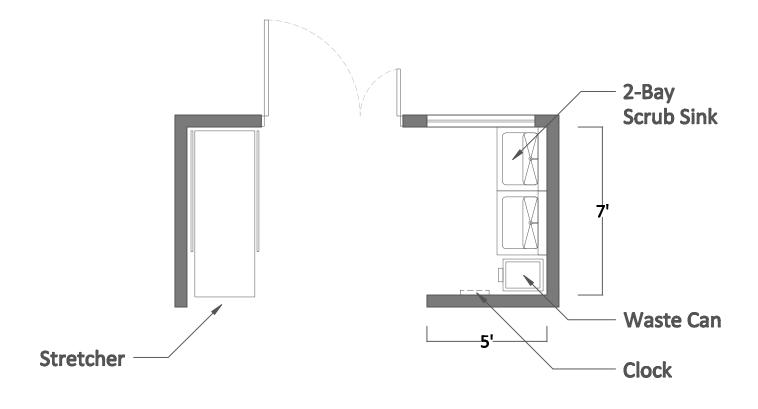


AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Scrub Alcove

Prototypical Room Layout (35 Square Feet)



1/4"=1'

78

REMARKS/NOTES:

• Overhead paging speakers in adjacent area corridors

ACTUAL SIZE: 35 S.F.

Scrub Alcove

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day
 - 24 Hours/Day

SECURITY

- No Lock
 Keyed Lock
 Card Access
- 🗌 Video Surveillance

DOOR HARDWARE

- Standard Hardware Set
- Electric Hardware Set

ARCHITECTURAL

Floor VCT (Chemical Resistance) VCT Welded Seam Sheet Vinyl Ероху Carpet Sealed Concrete Partitions Gyp Board, Epoxy Paint Gyp Board, Paint רעע⊂ Glass Other: Curtain w/ Track Base 4" Rubber Integral w/ Floor Other: Ceiling Open Acoustical Tile Gyp Board Door Wood Metal Vision Panel Glass

ACOUSTICS

Special: <u>Not Applicable</u>
STP Wall: <u>STP Floor:</u>

MECHANICAL

- Heating & Cooling: Maintain 75F
 Ventilation (Per Code)
- Acoustical Control
- 15 Air Changes/Hour
- 10 Air Changes/Hour
- 6 Air Changes/Hour
- 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods Chemical Fume Hood
- Laminar Flow Hood
- Snorkel
- Canopy Hood
- Other:

PLUMBING

Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air

FIRE SUPPRESSION/DETECTION

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS

- Voice (Telephone)
 Data (Computer)
 Data (Print/Scan/Fax)
 Cable TV
 Campus Closed Circuit TV
 Nurse Call
 RFID/RTLS
 Intercom
 Assisted Listening

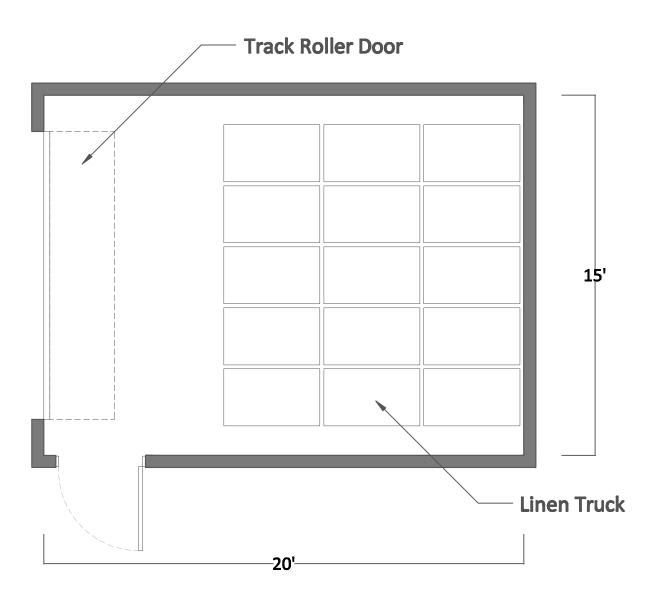
 ELECTRICAL
 Power
- Wall
 Wall Voice, Data, Video, Mic
 Floor Power
 Floor Voice, Data, Video, Mic
 Instructor's Console Lighting
 House, General
 Linear Direct/Indirect Fixtures
 Task Lighting
 Lighting Controls
 Dimming
 Emergency Power

AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Soiled Holding

Prototypical Room Layout (300 Square Feet)



1/4"=1'

ACTUAL SIZE: 115 S.F.

REMARKS/NOTES:

• Card reader with Clinical Staff access

Soiled Holding

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

- No Lock Keyed Lock Card Access
- Video Surveillance

DOOR HARDWARE

Standard Hardware Set
 Automatic Door Operators
 Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special: <u>Not Applicable</u>
STP Wall: _____
STP Floor: _____

MECHANICAL

- Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F
- Ventilation (Per Code)
- Acoustical Control
- 15 Air Changes/Hour
- 10 Air Changes/Hour
- 6 Air Changes/Hour
- 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods Chemical Fume Hood
- Laminar Flow Hood
- Biological Safety Cabinet
- Snorkel
- Canopy Hood
- Other:

PLUMBING

- Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air

 FIRE SUPPRESSION/DETECTION
- Suppression System
 Fire Extinguisher
 Alarm System Type:

COMMUNICATIONS

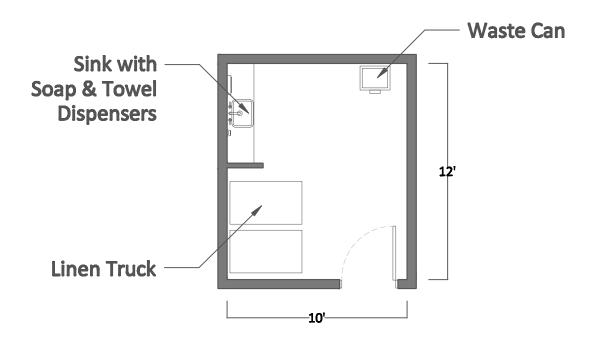
- Voice (Telephone) Data (Computer) Data (Print/Scan/Fax) Cable TV Campus Closed Circuit TV Nurse Call RFID/RTLS Intercom Assisted Listening ELECTRICAL Power Wall 🖵 Wall Voice, Data, Video, Mic Floor Power 🚽 Floor Voice, Data, Video, Mic Instructor's Console Lighting House. General Linear Direct/Indirect Fixtures ____ Task Lighting
 - Lighting Controls
 - Dimming
 - Emergency Power

AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Soiled Utility

Prototypical Room Layout (120 Square Feet)



3/16"=1'

ACTUAL SIZE: 120 S.F.

REMARKS/NOTES:

• Card reader with Clinical Staff access

Soiled Utility

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

No Lock Keyed Lock Card Access Video Surveillance

DOOR HARDWARE

Standard Hardware Set Automatic Door Operators Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special:	Not Applicable
STP Wall: _	
STP Floor:	

MECHANICAL

- Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F Ventilation (Per Code) Acoustical Control 15 Air Changes/Hour 10 Air Changes/Hour 6 Air Changes/Hour 100% Make-up Air Air Pressure Positive Air Pressure Negative Hoods **Chemical Fume Hood** Laminar Flow Hood
- **Biological Safety Cabinet**
- Snorkel
- Canopy Hood
- Other:

PLUMBING

Hand Washing Sink Multiple Basin Sink Floor Drain Floor Sink Safety Shower/Eyewash Reverse Osmosis (RO) Carbon Dioxide (CO2) Nitrogen (N2) Oxygen (O2) Natural Gas Vacuum Nitrous Oxide Compressed Air FIRE SUPPRESSION/DETECTION

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS

- Voice (Telephone) Data (Computer) Data (Print/Scan/Fax) Cable TV **Campus Closed Circuit TV** Nurse Call RFID/RTLS Intercom Assisted Listening ELECTRICAL Power Wall Wall Voice, Data, Video, Mic Floor Power Floor Voice, Data, Video, Mic Instructor's Console Lighting House. General
- Linear Direct/Indirect Fixtures
- Task Lighting
- Lighting Controls
- Dimming

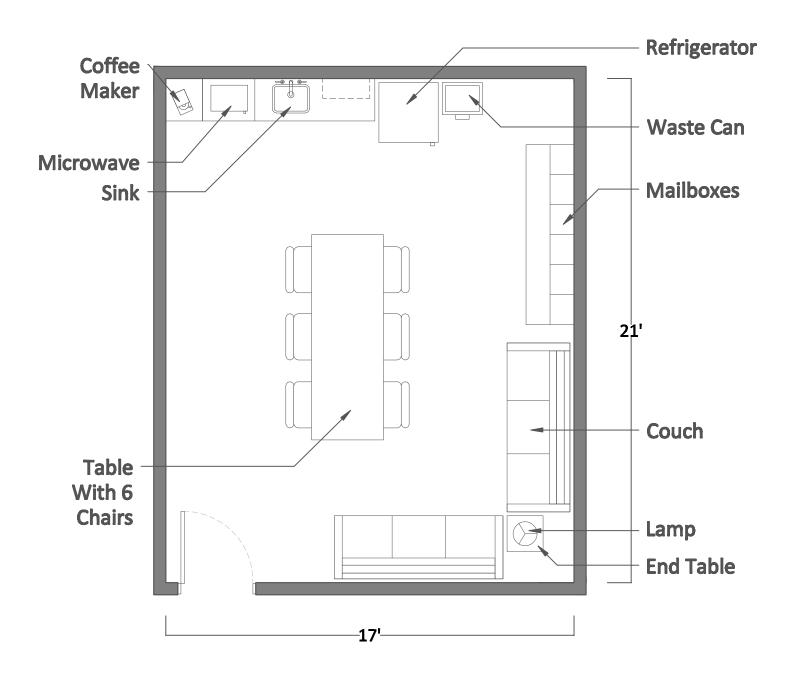
Emergency Power

AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Staff Lounge

Prototypical Room Layout (360 Square Feet)



1/4"=1'

ACTUAL SIZE: 360 S.F.

REMARKS/NOTES:

- (1) Single outlet wall roughin location with (2) Cat6A cables
- (1) Wall phone with (1) Cat6A cable
- TV outlet location with (1) Cat6A cable
- Card reader with Physician access
- Overhead pagining speakers in adjacent area corridors and room

Staff Lounge

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

No Lock Keyed Lock Card Access Video Surveillance

DOOR HARDWARE

Standard Hardware Set Automatic Door Operators Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special: <u>Not Applicable</u> STP Wall: STP Floor:

MECHANICAL

- Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F Ventilation (Per Code) Acoustical Control
- 15 Air Changes/Hour
- 10 Air Changes/Hour
- 6 Air Changes/Hour 100% Make-up Air
- Air Pressure Positive
- Air Pressure Negative Hoods Chemical Fume Hood
- Laminar Flow Hood **Biological Safety Cabinet**
- Snorkel
- Canopy Hood
- Other:

PLUMBING

Hand Washing Sink Multiple Basin Sink Floor Drain Floor Sink Safety Shower/Eyewash Reverse Osmosis (RO) Carbon Dioxide (CO2) Nitrogen (N2) Oxygen (O2) Natural Gas Vacuum Nitrous Oxide Compressed Air FIRE SUPPRESSION/DETECTION

Suppression System Fire Extinguisher

Alarm System Type:

COMMUNICATIONS

Voice (Telephone) Data (Computer) Data (Print/Scan/Fax) Cable TV Campus Closed Circuit TV Nurse Call RFID/RTLS Intercom Assisted Listening

ELECTRICAL

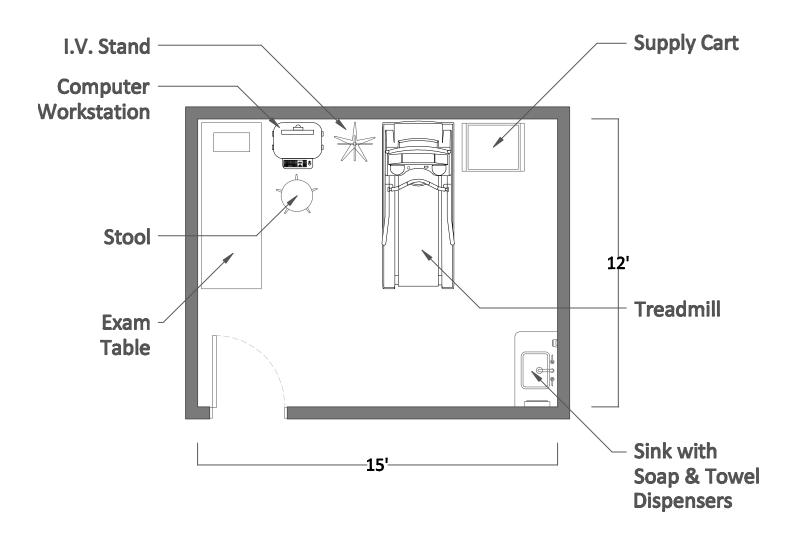


AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Stress Testing Lab

Prototypical Room Layout (180 Square Feet)



1/4"=1'

ACTUAL SIZE: 180 S.F.

REMARKS/NOTES:

- (4) Single outlet wall roughin location with (2) Cat6A cables
- Card reader with Clinical Staff access
- Overhead pagining speakers in
- adjacent area corridors and room
 - (1) Nurse patient station requiring a 3- gang outlet roughin

Stress Testing Lab

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

No Lock Keyed Lock Card Access Video Surveillance

DOOR HARDWARE

Standard Hardware Set
 Automatic Door Operators
 Electric Hardware Set

ARCHITECTURAL



ACOUSTICS

Special:

ecial: Walls to Deck with [<u>Sound Batt Insulation</u> <u>Located in Walls</u>

MECHANICAL

- Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F Ventilation (Per Code) Acoustical Control 15 Air Changes/Hour 10 Air Changes/Hour 6 Air Changes/Hour 100% Make-up Air Air Pressure Positive Air Pressure Negative Hoods Chemical Fume Hood Laminar Flow Hood **Biological Safety Cabinet** Snorkel Canopy Hood Other: PLUMBING
- Hand Washing Sink
 Multiple Basin Sink
 Floor Drain
 Floor Sink
 Safety Shower/Eyewash
 Reverse Osmosis (RO)
 Carbon Dioxide (CO2)
 Nitrogen (N2)
 Oxygen (O2)
 Natural Gas
 Vacuum
 Nitrous Oxide
 Compressed Air **FIRE SUPPRESSION/DETECTION**

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS

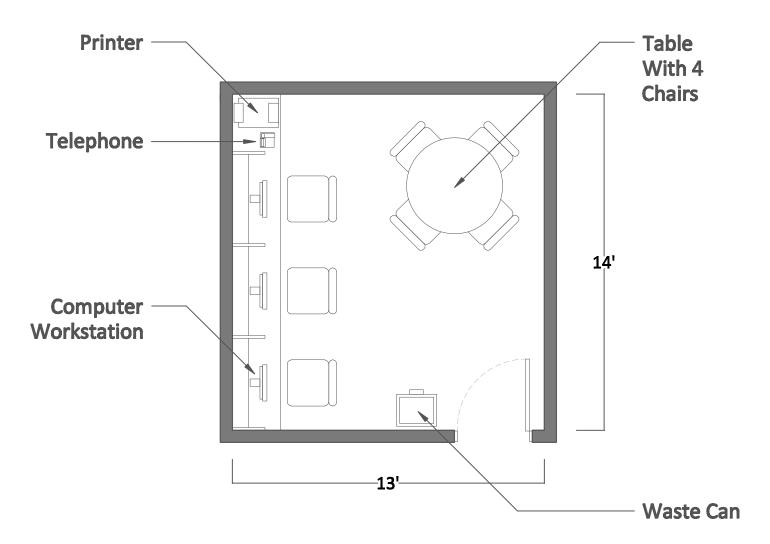
- Voice (Telephone) Data (Computer) Data (Print/Scan/Fax) Cable TV Campus Closed Circuit TV Nurse Call RFID/RTLS Intercom Assisted Listening ELECTRICAL Power Wall Wall Voice, Data, Video, Mic Floor Power Floor Voice, Data, Video, Mic Instructor's Console Lighting House. General Linear Direct/Indirect Fixtures Task Lighting Lighting Controls Dimming
 - Emergency Power

AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Team Workroom

Prototypical Room Layout (180 Square Feet)



1/4"=1'

REMARKS/NOTES:

- (3) Single outlet wall roughin location with (2) Cat6A cables
- (1) Wall phone with (1) Cat6A cable
- (1) Single TV Outlet location

• Card reader with Clinical Staff

access

ACTUAL SIZE: 180 S.F.

Overhead pagining speakers in adjacent area corridors and room
(1) Nurse patient station requiring a 3- gang outlet roughin

Team Workroom

Room Data Sheet

UTILIZATION (HOURS OF USE)

- 8 Hours/Day 14 Hours/Day
 - 24 Hours/Day

SECURITY

No Lock Keyed Lock Card Access Video Surveillance

DOOR HARDWARE

Standard Hardware Set Automatic Door Operators Electric Hardware Set

ARCHITECTURAL



ACOUSTICS		
Special:		

Located in Walls

MECHANICAL

- Temperature: 70-75F & 30-60% Heating & Cooling: Maintain 75F Ventilation (Per Code) Acoustical Control 15 Air Changes/Hour 10 Air Changes/Hour 6 Air Changes/Hour]100% Make-up Air Air Pressure Positive Air Pressure Negative Hoods Chemical Fume Hood Laminar Flow Hood **Biological Safety Cabinet** Snorkel Canopy Hood Other: PLUMBING
- Hand Washing Sink Multiple Basin Sink Floor Drain Floor Sink Safety Shower/Eyewash Reverse Osmosis (RO) Carbon Dioxide (CO2) Nitrogen (N2) Oxygen (O2) Natural Gas Vacuum Nitrous Oxide Compressed Air FIRE SUPPRESSION/DETECTION

Suppression System Fire Extinguisher Alarm System Type:

COMMUNICATIONS

Walls to Deck with Voice (Telephone) Sound Batt Insulation Data (Computer) Data (Print/Scan/Fax) Cable TV **Campus Closed Circuit TV** Nurse Call RFID/RTLS Intercom Assisted Listening

ELECTRICAL



AUDIO/VISUAL

Speaker System - Overhead Presentation - Display Presentation - Projector/Screen Presentation - Lectern A/V Touch Control Panel Audio Conferencing Video Conferencing Lighting Control Dimming AV Equipment in Room AV Equipment in Comm Room Content/Lecture Recording OR Integration & Control OR Scheduling & Management DVD/Blu-Ray Player **Document Camera**

Appendix

Table I

§133.169. Tables.

(a) Table 1. Sound transmission limitations in hospitals.

Figure: 25 TAC §133.169(a)

TABLE 1 SOUND TRANSMISSION LIMITATIONS IN HOSPITALS

	Airborne Sound Transmission Class (STC) ^A	
	Partitions	Floors
New	construction	
Patient room to patient room	45	40
Public space to patient room ^B	55	40
Service areas to patient room ^c	65	45
Patient room access corridor ^D	45	45
Existin	ng construction	
Patient room to patient room	35	40
Public space to patient room ^B	40	40
Service areas to patient room ^c	40	40

^A Sound transmission class (STC) shall be determined by tests in accordance with methods set forth in ASTM E90 and ASTM E4 13. Where partitions do not extend to the structure above, sound transmission through ceilings and composite STC performance must be considered.

^B Public space includes corridors (except patient room access corridors), lobbies, dining rooms, recreation rooms, treatment rooms, and similar space.

^C Service areas include kitchens, elevators, elevator machine rooms, laundries, garages, maintenance rooms, boiler and mechanical equipment rooms, and similar spaces of high noise. Mechanical equipment located on the same floor or above patient rooms, offices, nurses stations, and similar occupied space shall be effectively isolated from the floor.

^D Patient room access corridors contain composite walls with door/windows and have direct access to patient rooms. Junctions and joints of walls and partitions shall be sealed to prevent sound leakage under, over, or through the separation. Outlets shall be insulated and separated. Openings around ducts, conduits and pipes shall be sealed to minimize sound transmission.

Types of wall construction and the associated STC ratings are given in Fire Resistance Design Manual available from Gypsum Association, 810 First Street NE, #510, Washington, DC 20002.

NOTE: The listed STC rating requirements are for a reasonable degree of privacy. Rooms requiring confidentiality, such as psychiatric examination rooms and rooms with extraordinary noise sources, may require additional sound insulation including acoustical doors and seals.