

TopicSpecific
standards&criteria

1. SYNOPSIS

The VA Terminology Synopsis is a compilation of mandatory architectural and engineering design criteria organized by Room Codes that forms the basis of VA facility standards. The Design and Construction Architect or Engineer of Record may provide additional criteria to meet specific project requirements.

The Room Codes and space requirements used to organize the VA Terminology Synopsis are derived from PG-18-9, Space Planning Criteria. Specific room criteria are developed in coordination with PG-18-5, Equipment Guide Lists, PG-18-9, PG-18-10, Design Manuals, PG-18-12, Design Guides, and PG-18-14, Room Finishes Door, and Hardware Schedule. This data is compiled to form a database of Room Criteria, and is the basis of SEPS, Space and Equipment Planning System. Room Data Sheets in PG-18-12 are also derived from the VA Terminology Synopsis.

A period (".") or dash ("-") indicates that there is no specific requirement for this parameter or the parameter matches the ambient conditions.

2. LEGEND & NOTES

2.1. ROOM CODE

Room Code identifier is from VA Space Planning Criteria for Health Facilities, PG-18-9. This five-digit code is the reference key that ties the Room Criteria to the project Program for Design, PFD.

2.2. ROOM CRITERIA

Room Criteria provides requirements for specific room specifications organized by room code.

2.3. ROOM FUNCTION

Room function is from VA Space Planning Criteria for Health Facilities, PG-18-9.

2.4. ROOM DATA SHEETS

VA|TIL|MS can export a Room Data Sheet based on the Room Criteria Database. These Room Data Sheets are also found in Design Guides, PG-18-12.

3. ARCHITECTURAL

3.1. MATERIALS AND FINISHES

3.1.1. Floor Material

Room specification for flooring in an individual room.

ATTRIBUTE	DESCRIPTION
AF	Access Flooring
AR	Acrylic Resin
C	Concrete
CP	Carpet (without cushion Broadloom)



ATTRIBUTE	DESCRIPTION
CPT	Carpet Tile
CT	Ceramic Tile
EPY	Epoxy Flooring
ER	Epoxy Resin System with Integral Cove Base
LN	Linoleum
LVT	Luxury Vinyl Tile
MAT	Carpet Mat (Walk-Off Mat)
PC	Precast (Architectural Precast Concrete Pavers)
PF	Prefabricated
PT	Porcelain Tile (Floor and Base)
QT	Quarry Tile
RAF	Resilient Athletic Flooring
RES*	Resinous Flooring
RES-2	Resinous Flooring: Decorative Medium Duty
RES-3	Resinous Flooring: Decorative Medium Duty Chemical Resistant
RES-5	Heavy Duty – Terrazzo
RES-6A	Heavy Duty – Climatic
RES-6B	Heavy Duty – Non-Climatic
RES-W	Seamless Resinous Coating for Walls and Ceilings
RF	Rubber Flooring
RRF	Raised Rubber Flooring
RSF	Resilient Sheet Flooring
SD	Static Dissipative
ST	Stone
SV	Solid Vinyl
SVT	Solid Vinyl Floor Tile
TER	Terrazzo, Poured
TT	Terrazzo Tile (Plastic Matrix)
VT	Vinyl Tile (High Content Vinyl)
WSF	Welded Seam Sheet Flooring (Heat Welded with Rod)



3.1.2. Floor Base Material

Room specification for baseboards and molding in rooms.

ATTRIBUTE	DESCRIPTION
CT	Ceramic Tile
PRB	Profile Base
PT	Porcelain Tile (Floor and Base)
QT	Quarry Tile
RB	Resilient Base (Rubber or vinyl with factory-formed inside and outside corners)
RES*	Resinous Flooring
RES-2	Resinous Flooring: Decorative Medium Duty
RES-3	Resinous Flooring: Decorative Medium Duty Chemical Resistant
RES-5	Heavy Duty – Terrazzo
RES-6A	Heavy Duty – Climatic
RES-6B	Heavy Duty – Non Climatic
RES-W	Seamless Resinous Coating for Walls and Ceilings
TT	Terrazzo Tile (Plastic Matrix)
WSF	Welded Seam Sheet Flooring (Heat Welded with Rod)

3.1.3. Wall Material

Room specification for wall materials such as concrete, gypsum board, etc. used in an individual room.

ATTRIBUTE	DESCRIPTION
C	Concrete
CMU	Concrete Masonry Units (Unit Masonry)
CT	Ceramic Tile
GWB	Gypsum Wallboard Systems
RB	Resilient Base (Rubber or vinyl with factory-formed inside and outside corners)
PF	Prefabricated



3.1.4. Wall Finish

Room specification for wall finishes such as paint, wall fabric, epoxy, etc. used in an individual room.

ATTRIBUTE	DESCRIPTION
CT	Ceramic Tile
LG	Liquid Glaze Coat
P	Paint
PT	Porcelain Tile (Floor and Base)
RES-W*	Resinous/Epoxy Wall/Ceiling
RWC	Rigid Vinyl Wall Covering (Wall Protection - Roll or Sheet)
S	Solid Surface
SC	High Build Glazed Coating (Special Coating)
ST	Stone (Cast)
VWC	Vinyl Wall Covering

3.1.5. Wain

Room specification for wainscoting such as wood, metal, etc. used in an individual room.

ATTRIBUTE	DESCRIPTION
CT	Ceramic Tile
PT	Porcelain Tile
RWC	Rigid Vinyl Wall Covering (Wall Protection - Roll or Sheet)
S	Solid Surface
RB	Resilient Base (Rubber or vinyl with factory-formed inside and outside corners)

3.1.6. Ceiling Material

Room specification for ceiling material used in an individual room.

ATTRIBUTE	DESCRIPTION
AT	Acoustical Ceiling (Tile)
EXP	Exposed
GWB	Gypsum Wallboard Systems
LG	Liquid Glaze Systems
PF	Prefabricated



ATTRIBUTE	DESCRIPTION
WD	Wood

3.1.7. Ceiling Finish

Room specification for ceiling finishes such as paint, wall fabric, epoxy, etc. used in an individual room.

ATTRIBUTE	DESCRIPTION
P	Paint
RES-W*	Resinous/Epoxy Wall/Ceiling
SC	High Build Glazed Coating (Special Coating)
SP	Special Faced

3.2. CEILING CATEGORY

Ceiling height in feet and inches, unless noted otherwise.

ATTRIBUTE	DESCRIPTION
A	10'-0" minimum.
B	If ceiling is provided, 10'-0" minimum.
C	No ceiling required, exposed to floor/roof above.
D	9'-0" minimum or as required to accommodate equipment usage.
VAR	Varies (Designer's choice).

3.3. DOOR MATERIAL

The material of a door.

ATTRIBUTE	DESCRIPTION
M	Metal
W	Wood

3.4. DOOR HEIGHT

The height of a door in inches.

ATTRIBUTE	DESCRIPTION
80"	
84"	



3.5. DOOR WIDTH

The width of a door opening in inches.

ATTRIBUTE	DESCRIPTION
36"	36" Single Door
42"	42" Single Door
44"	44" Single Door
48"	48" Single Door
66"	Pair of Doors 48" leaf + 18" leaf
72"	Pair of 36" Doors
84"	Pair of 42" Doors
88"	Pair of 44" Doors
96"	Pair of 48" Doors
OPEN	No door required

3.6. DOOR FUNCTION

The purpose of an installed door/threshold to a room or area.

ATTRIBUTE	DESCRIPTION
ED-1	Exit Device (ANSI/BHMA Type 1 Function 1)
ED-2	Exit Device (ANSI/BHMA Type 1 Function 3)
ED-3	Exit Device (ANSI/BHMA Type 1 Function 8)
ED-4	Exit Device (ANSI/BHMA Type 1 Function 13)
ED-5	Exit Device (ANSI/BHMA Type 7 Function 1 Wood Door concealed vertical rod exit device)
ED-6	Exit Device (ANSI/BHMA Type 7 Function 8 Wood Door concealed vertical rod exit device)
ED-7	Exit Device (ANSI/BHMA Type 7 Function 13 Wood Door concealed vertical rod exit device)
ED-8	Exit Device (ANSI/BHMA Type 8 Function 1 Metal Door concealed vertical rod exit device)
ED-9	Exit Device (ANSI/BHMA Type 8 Function 8 Metal Door concealed vertical rod exit device)
ED-10	Exit Device (ANSI/BHMA Type 8 Function 12 Metal Door concealed vertical rod exit device)



ATTRIBUTE	DESCRIPTION
ED-11	Exit Device (ANSI/BHMA Type 8 Function 13 Metal Door concealed vertical rod exit device)
ML-1	Mortise Lock (ANSI/BHMA F01)
ML-2	Mortise Lock (ANSI/BHMA F02)
ML-3	Mortise Lock (ANSI/BHMA F04)
ML-4	Mortise Lock (ANSI/BHMA F05)
ML-5	Mortise Lock (ANSI/BHMA F07)
ML-6	Mortise Lock (ANSI/BHMA F08)
ML-7	Mortise Lock (ANSI/BHMA F09)
ML-8	Mortise Lock (ANSI/BHMA F11)
ML-9	Mortise Lock (ANSI/BHMA F12)
ML-10	Mortise Lock (ANSI/BHMA F13)
ML-11	Mortise Lock (ANSI/BHMA F30)
NL	No Lock

3.7. DOOR HARDWARE SETS

ATTRIBUTE	DESCRIPTION
HW-1	No Lockset, 1Closer
HW-1A	Latchset F01, 1Closer
HW-1B	Hospital Latch F01 with paddles, No Closer
HW-1C	Not Used
HW-1D	Hospital Latch F01 with paddles, No Closer
HW-1E	Hospital Latch F01 with paddles, 1 Closer
HW-1F	Latchset F04, No Closer
HW 1G	Latchset F01, No Close
HW-1H	Door Bolt, No Closer
HW-1J	Latchset F01, 1Closer
HW-1K	Hospital Latch F01 with paddles, 1Closer
HW-1L	Latchset F04, No Closer
HW-1M	No Lockset, 1 Floor Closer
HW-1N	No Lockset, 1 Closer



ATTRIBUTE	DESCRIPTION
HW-1P	No Lockset, 1 Floor Closer
HW-1Q	Latchset F04, 1 Closer
HW-1R	Latchset F04, 1 Closer
HW-2	Keyed Privacy Indicator Lock F13 with Occupancy Indicator, 1 Closer
HW-2A	Keyed Privacy Indicator Lock F13 with Occupancy Indicator, No Closer
HW-2B	Privacy Lock F02 with Occupancy Indicator, No Closer
HW-2C	Privacy Lock F02 with Occupancy Indicator, No Closer
HW-2D	Privacy Lock F02 with Occupancy Indicator, 1 Closer
HW-2E	Hospital Privacy Latch F02, 1 Closer
HW-2F	Privacy Lock F02 with Occupancy Indicator, No Closer
HW-2G	Keyed Privacy Indicator Lock F13 with Occupancy Indicator, 1 Closer
HW-2H	Hospital Privacy Latch F02 with, Occupancy Indicator, No Closer
HW-2J	Privacy Lock F02 with Occupancy Indicator, No closer
HW-2K	Hospital Privacy Latch F02 with Occupancy Indicator, No Closer
HW-3	Office Lock F04, 1 Closer
HW-3A	Not Used
HW-3B	Office Lock F04, 1 Closer
HW-3C	Not Used
HW-3D	Office Lock F04, 1 Closer
HW-3E	Office Lock F04, No Closer
HW-3F	Office Lock F04, 1 Closer
HW-3G	Office Lock F04, No Closer
HW-3H	Office Lock F04, 1 Closer
HW-3J	Office Lock F04, No Closer
HW-4	Classroom Lock F05, No Closer
HW-4A	Classroom Lock F05, No Closer
HW-4B	Public Restroom Lock F09, 1 Closer
HW-4C	Hospital Utility Lock F09 with paddles, 1 Closer
HW-4D	Classroom Lock F05, 1 Closer
HW-4E	Utility Lock F09, 1 Closer
HW-4F	Utility Lock F09, 1 Closer



ATTRIBUTE	DESCRIPTION
HW-4G	Utility Lock F09, 1 Closer
HW 4H	Classroom Lock F05, 1 Closer
HW-4J	Utility Lock F09, 1 Closer
HW-4K	Utility Lock F09, No Closer
HW-4L	Classroom Lock F05, No Closer
HW-4M	Classroom Hospital Lock F05 with paddles, No Closer
HW-4N	Utility Lock F09, 1 Closer
HW-4P	Classroom Hospital Lock F05 with paddles, No Closer
HW-4Q	Utility Hospital Lock F09 with paddles, No Closer
HW-4R	Classroom Lock F05, No Closer
HW-4S	Classroom Lock F05, No Closer
HW-4T	Classroom Hospital Lock F05 with paddles
HW-4U	Public Restroom Lock F09, 1 Closer
HW-4V	Utility Hospital Lock F09 with paddles, 1 Closer
HW-4X	Utility Hospital Lock F09 with paddles, No Closer
HW-4Y	Utility Hospital Lock F09 with paddles, No Closer
HW-5	Storeroom Lock F07, 1 Closer
HW-5A	Not Used
HW-5B	Storeroom Lock F07, 1 Closer
HW-5C	Not Used
HW-5D	Storeroom Lock F07, No Closer
HW-5E	Storeroom Lock F13, No Closer
HW-5F	Storeroom Lock F07, 1 Closer
HW-5G	Storeroom Lock F07, No Closer
HW-5H	1 Storeroom Lock F07 Bottom Leaf, 1 Dutch Bolt Top Leaf, No Closer
HW-5J	Storeroom Lock F07, 1 Closer
HW-5K	Storeroom Lock F07, 1 Closer
HW-5L	Security Storeroom Lock F13, No Closer
HW-6	Exit Device Type 1 Lock F13, 1 Closer
HW-6A	Exit Device Type 1 Lock F08, 1 Closer
HW-6B	Exit Device Type 1 Lock F08, 1 Closer



ATTRIBUTE	DESCRIPTION
HW-6C	Exit Device Type 1 Lock F08, 1 Closer
HW-6D	Exit Device Type 8 Lock F08 with 1 Electrified Key Cylinder, ADO Door No Closer
HW-6E	Exit Device Type 1 Lock F08, No Closer
HW-6F	Elec. Exit Device 1 Lock F08, No Closer
HW-6G	Exit Device Type 1 Lock F13, 1 Closer
HW-7	1 Key Cylinder for Motorized Roll-up Door
HW-7A	1 Padlock
HW-7B	Utility Hospital Lock F09, No Closer
HW-8	Automatic Flush Bolts Q2241 Type 25, Push/Pull Trim, 2 Closers
HW 8A	No Locks, 2 Push/Pull Bars Sets, 2 Closers
HW-8B	No Lock, 2 Push Pates 2 Hospital Grips, 2 Closers
HW-8C	No Lock, 4 Push Plates 2 Double-Acting Floor Closers
HW-8D	No Locks Push//Pull Bar, No Closer, ADO
HW-8E	No Lock, 2 Push Plates 2 Hospital Grips, No Closer ADO
HW-8F	No Lock, 2 Push Plates 2 Hospital Grips No Closer, ADO
HW-9	Not Used
HW-10	Classroom Lock F05, 2 Closers
HW-10A	Classroom Lock F05, No Closer
HW-10B	Classroom Hospital Lock F05 with paddles, 1 Closer
HW -10C	Utility Lock F09, No Closer
HW-10D	Classroom Lock F05, No Closer
HW-10E	Classroom Hospital Lock F05 with paddles, No Closer
HW-10F	Classroom Hospital Lock F05 with paddles, No Closer
HW-10G	Classroom Lock F05, No Closer
HW-10H	Hospital Utility Lock F09 with paddles, No Closer
HW-10J	Classroom Hospital Lock F05 with paddles, No Closer
HW-10K	Classroom Lock F05, No Closer
HW-10L	Classroom Lock F05, 2 Closers
HW-10M	Utility Lock F09, No Closers
HW-11	Storeroom Lock F07, 2 Closers
HW-11A	Security Storeroom Lock F13, No Closer



ATTRIBUTE	DESCRIPTION
HW-11B	Storeroom Lock F07, 2 Closers
HW-11C	Storeroom Lock F07, No Closer
HW-12	1 Exit Device Type 7 or 8 F01, 1 Exit Device Type 7 or 8 F08, 2 Closers
HW-12A	2 Exit Devices Type 8 F01, 2 Closers
HW-12B	1 Elec. Exit Devices Type 8 F01, 1 Elec Exit Device Type 8 F08, No Closers
HW-12C	2 Exit Devices Type 8 F01, 2 Closers
HW-12D	2 Elec. Exit Devices Type 8 F01, No Closers
HW-12E	1 Exit Device Type 7 or 8 F01, 1 Exit Device Type 7 or 8 F08, 2 Closers
HW-12F	1 Exit Device Type 7 or 8 F01, 1 Exit Device Type 7 or 8 F08, 2 Closers
HW-12G	1 Exit Device Type 7 or 8 F01, 1 Exit Device Type 7 or 8 F08, 2 Closers
HW-12H	1 Exit Device Type 7 or 8 F01, 1 Exit Device Type 7 or 8 F08, No Closer
HW-12J	1 Exit Device Type 7 or 8 F01, 1 Exit Device Type 7 or 8 F13, 2 Closers
HW-13	2 Exit Devices Type 8 or Hookbolt Lock, 2 Concealed Closers
HW-E1	Entry Lock F11, 1 Closer
HW-E2	Classroom Lock F05, 1 Closer
HW-E3	Storeroom Lock F13, 1 Closer
HW-E4	1 Exit Device Type 1 F03, 1 Closer
HW-E5	Roll-up Door Hardware with Padlock or 2 Cylinders
HW-E6	Entry Lock F11, 2 Closers
HW-E7	Classroom Lock F05, 2 Closers
HW-E8	Storeroom Lock F13, 2 Closers
HW-E9	1 Exit Device Type 8 F01, 1 Exit Device Type 8 F12, 2 Closers
HW-E10	Sliding Door Lock E8281/E8291 with 2 Cylinders
HW-G1	Locking Latch or Padlock
HW-G2	Utility Lock F09, 1 Closer
HW-G3	Storeroom Lock F013, 1 Closer
HW-G4	1 Rim Panic Device Type 1 F03, 1 Closer
HW-G5	1 Padlock or 2 Cylinders
HW-G6	Locking Latch or Padlock
HW-G7	Utility Lock F09, 2 Closers
HW-G8	Storeroom F13, 2 Closers



ATTRIBUTE	DESCRIPTION
HW-G9	1 Rim Panic Device Type 1 F01, 1 Rim Panic Device Type 1 F03, 2 Closers
HW-G10	1 Padlock or 2 Cylinders
HW-R1	Guestroom Card Lock, 1 Closer
HW-R1A	Guestroom Card Lock, 1 Closer
HW-R2	Latchset F75, No Closer
HW-R2A	No Lock, 1 Closer
HW-R2B	Latchset F75, No Closer
HW-R2C	No Lock, 1 Closer
HW-R3	Privacy Lock F76B, No Closer
HW-R3A	Privacy Lock F76B, No Closer
HW-R4	Classroom Lock F84, 1 Closer
HW-R5	Not Used
HW-R6	Not Used
HW-R7	2 Roller Latches, No Closer
HW-R7A	Guestroom Card Lock, 2 Closers
HW-SH-1	Not Used
HW-SH-2	Detention Type Lock, No Closer
HW-SH-3	Electrified Storeroom Lock F07, 1 Closer
HW-SH-3A	Not Used
HW-SH-3B	Push-button Combination Lock, 1 Closer
HW-SH-3C	Push-button Combination Lock, 1 Closer
HW-SH-3D	Electrified Storeroom Lock F07, 1 Closer
HW-SH-3E	Electrified Occupancy Indicator Lock F13, 1 Closer
HW-SH-3F	Electrified Storeroom Lock F13, 1 Closer
HW-SH-3G	Electrified Storeroom Lock F13, 1 Closer
HW-SH-3H	Electrified Storeroom Lock F13, 1 Closer
HW-SH-4	Elec. Exit Device Type 8 F13, 1 Closer
HW-SH-4A	Elec. Exit Device Type 8 F13, No Closer
HW-SH-4B	1 Electrified Exit Device Type 1 F13, No Closer
HW-SH-5	Not Used
HW-SH-6	Not Used



ATTRIBUTE	DESCRIPTION
HW-SH-7	Not Used
HW-SH-8	Not Used
HW-SH-9	Electrified Storeroom Lock F07, 2 Closers
HW-SH-9A	Push-button Combination Lock, 2 Closers
HW-SH-10	Elec. Exit Device Type 8 F01, Elec. Exit Device Type 8 F13, 2 Closers
HW-SH-10A	Elec. Exit Device Type 8 F01, Elec. Exit Device Type 8 F08, No Closers
HW-SH-12	Elec. Exit Device Type 8 F03, 1 Closer
HW-MH1	Passage Latch F01, No Closer
HW-MH1A	Passage Latch F01, 1 Closer
HW-MH1B	Passage Latch F01, 1 Closer
HW-MH2	Keyed Privacy Lock F12, No Closer
HW-MH2A	Keyed Privacy Lock F13 with Occupancy Indicator, 1 Closer
HW-MH3	Classroom Lock F05, No Closer
HW-MH3A	Classroom Lock F05, 1 Closer
HW-MH4	Electrified Storeroom Lock F07, 1 Closer
HW-MH4A	Front Door Entry Lock F08, No Closer
HW-MH5	Deadlatch F30, No Closer
HW-MH5A	Deadlatch F30, No Closer
HW-MH6	Deadlatch F30, No Closer
HW-MH6A	Passage Latch F01, No Closer

3.8. DOOR TYPE

The type of door or threshold used in a room such as single, double, or other specified usages.

ATTRIBUTE	DESCRIPTION
F	Flush
GI	Glass Insert (Safety Glass)
LI	Louver Insert (Metal Louver)
LL	Lead Lined
1	Wood with Sidelite 4" X 25" (Safety Glass) Louver as required
2	Metal with Sidelite 4" X 25" (Safety Glass) Louver as required
3	Wood with Glass Panel Top Centered (Safety Glass)



ATTRIBUTE	DESCRIPTION
4	Metal with Glass Panel Top Centered (Safety Glass)
5	Wood Flush Fire Rated "A" Label
6	Metal Flush Fire Rated "A" Label
7	Wood Flush Fire Rated "B" Label
8	Metal Flush Fire Rated "B" Label
9	Wood Fire Rated "B" Label with Sidelite 4" X 25"
10	Metal Fire Rated "B" Label with Sidelite 4" X 25"
11	Wood Fire Rated "C" Label Safety Glass Panel as required
12	Metal Fire Rated "C" Label Safety Glass Panel as required
13	Wood Dutch Door with Shelf
14	Metal Dutch Door with Shelf
15	Wood Flush Lead Lined with Lead Glass 8" X 10" and Ray Proof Louver
17	Wood Flush Lead Lined
19	Wood Flush Sound Rated Glass Insert as Required
20	Metal Flush Sound Rated Glass Insert as Required
22	Metal Flush Detention Insert Glass as Required
23	Wood with Single Louver Insert
24	Metal with Single Louver Insert
25	Wood with Double Louver Insert
26	Metal with Double Louver Insert
30	Metal Flush Security Vault
36	Metal Security with T.A. Viewer
37	Wood Security with Glass Panel
38	Metal Security with Glass Panel
40	Metal Flush Integrated Door Assembly
42	Metal with Sidelite 4" X 25" (Safety Glass)



3.9. DOOR RATING

ATTRIBUTE	DESCRIPTION
FR-1	Fire Rated (A Label 180 minutes)
FR-2	Fire Rated (B Label 90 minutes)
FR-3	Fire Rated (C Label 45 minutes)
SR-1	Sound Rated (Metal Door STC rating minimum 45)
SR-2	Sound Rated (Metal Door STC rating minimum 35)

3.10. ACOUSTICAL DOOR CRITERIA

The estimated percentage of sound allowed in a room as denoted by a noise coefficient.

Sound transmission between room and adjacent room through the door.

ATTRIBUTE	DESCRIPTION
40	Sound Transmission Coefficient (STC)
45	Sound Transmission Coefficient (STC)

3.11. DEFAULT AREA

Estimated square footage for a specific room code.

4. STRUCTURAL

4.1. FLOOR LIVE LOAD

Minimum uniformly distributed live load in pounds per square foot (psf), unless noted otherwise.

5. ELECTRICAL

5.1. ELECTRICAL POWER NOTE 1

ATTRIBUTE	DESCRIPTION
PA	Receptacles and special outlets connected to Normal power

5.2. ELECTRICAL POWER NOTE 2

ATTRIBUTE	DESCRIPTION
PB	Isolated Power System (IPS - Normal) fed from Normal power



5.3. ELECTRICAL POWER NOTE 3

ATTRIBUTE	DESCRIPTION
PC	Isolated Power System (IPS - Normal) fed from Normal power
PD	Receptacles and special outlets connected to Critical Branch of the EES
PE	Isolated Power System (IPS - EES) fed from Critical Branch of the EES
PF	Receptacles and special outlets connected to IPS – EES

5.4. ELECTRICAL POWER NOTE 4

ATTRIBUTE	DESCRIPTION
PG	Special outlet for Laser Surgical Device connecting to the Isolated Power System (IPS - EES)

5.5. ELECTRICAL POWER NOTE 5

ATTRIBUTE	DESCRIPTION
PH	IPS power and ground module - 3 (or 4) duplex receptacles and 3 (or 4) ground jacks

6. LIGHTING**6.1. LIGHTING LEVEL**

The maintained lighting level in lux with permanently installed building fixtures. Where multi-level lighting levels are indicated, provide multi-level switching with conventional on/off switching unless otherwise noted. The first line is the general lighting level and the second line is the task illumination level provided by permanently installed building light fixtures. These lighting levels are in addition to supplemental lighting provided with furniture or equipment. However, the Using Military Department may direct that the task lighting be provided with the office furniture in administrative areas, except for dual purpose clinical/administrative rooms, rather than permanently installed light fixtures.

6.2. LIGHTING NOTE 1

ATTRIBUTE	DESCRIPTION
LA	Correlated Color Temperature (CCT): 3500 K (fluorescent/LED)
LB	Correlated Color Temperature (CCT): 4100 K (fluorescent), 4000 K (LED), or to match CCT of ceiling mounted Operating/Surgical Light
LC	Color Temperature (CCT): 5000 K (fluorescent/LED)



6.3. LIGHTING NOTE 2

ATTRIBUTE	DESCRIPTION
LD	Color Rendering Index (CRI): minimum of 80

6.4. LIGHTING NOTE 3

ATTRIBUTE	DESCRIPTION
LE	Recessed ceiling mounted luminaire(s) – lensed
LF	Recessed ceiling mounted luminaire(s) - louvered
LG	Recessed ceiling mounted luminaire(s) - lensed & listed for Operating/Surgical Room. Provide with 50% emergency power battery back-up integral to the luminaire(s)
LH	Recessed ceiling mounted patient exam luminaire(s)
LI	Surface mounted luminaire(s) - under-cabinet task light with integral switch or occupancy sensor
LJ	Surface mounted luminaire(s) - above bathroom sink

6.5. LIGHTING NOTE 4

ATTRIBUTE	DESCRIPTION
LK	Multi-level switching capability for luminaire(s) - ambient lighting. Wall-mounted switch(es)
LL	Dimming capability for luminaire(s) - ambient lighting. Wall-mounted dimmer switch(es)
LM	Multi-level switching capability for luminaire(s) - task-focused lighting. Wall-mounted switch(es)
LN	Dimming capability for luminaire(s) - task-focused lighting. Wall-mounted dimmer switch(es)
LO	Wall-mounted occupancy sensor(s), or vacancy sensor(s)

6.6. LIGHTING NOTE 5

ATTRIBUTE	DESCRIPTION
LP	Luminaire(s) connected to Normal Power
LQ	Luminaire(s) connected to Critical Branch of the EES
LR	Luminaire(s) connected to Life Safety Branch of the EES



7. MEDICAL GASES

The number of outlets/inlets required for each gas type is listed in the appropriate column. The number of outlets/inlets shall be increased as necessary to support the equipment listed in the PRC.

Optional for gases are:

- Dental Air
- Dental Vacuum
- Carbon Dioxide
- Instrument Air
- Laboratory Vacuum
- Medical Air
- Medical Vacuum
- Natural Gas
- Nitrogen
- Nitrous Oxide
- Oral Evacuation
- Oxygen
- Waste Anesthetic Gas Disposal

8. PLUMBING

8.1. DOMESTIC COLD WATER

ATTRIBUTE	DESCRIPTION
Y	Room has cold running water
N	Room DOES NOT have cold running water

8.2. DOMESTIC HOT WATER

ATTRIBUTE	DESCRIPTION
Y	Room has hot running water
N	Room DOES NOT have hot running water

8.3. FLOOR DRAIN

ATTRIBUTE	DESCRIPTION
Y	Room has a floor drain
N	Room DOES NOT have a floor drain



9. HVAC

9.1. ROOM AIR BALANCE

The percent of exhaust, return, or both in a room.

Note: for “++” and “--”spaces, the required differential pressurization is 0.02 inch water column, reference 10-7.5. Adjust air flows and/or increase room integrity as required to achieve the required pressure differential.

ATTRIBUTE	DESCRIPTION
+	Room exhaust and/or return is less than supply, Room is under positive pressure
++	Room exhaust and/or return is less than supply, Room is under higher positive pressure
-	Room exhaust and/or return is more than supply. Room is under negative pressure
--	Room exhaust and/or return is more than supply, Room is under higher negative pressure
o	Room is under no pressure/neutral
N/A	Not Applicable

9.2. AIR CHANGE RATE (MIN TOTAL ACH)

Air Change is the minimum total air changes per hour (AC/H) required to meet ventilation requirements. These rates are considered the minimum required for normal health and comfort consideration. Additional air may be required for temperature, dilution, and odor control, as well as air requirements for such items as hoods, glove boxes, clean-air stations, combustion equipment, and dust collectors.

ATTRIBUTE	DESCRIPTION
Number (0 -50)	Maximum Total Air Change Rate
N/A	Not Applicable

9.3. MINIMUM OUTSIDE AIR CHANGE RATE (MIN OA ACH)

The minimum outside air changes per hour required to meet ventilation requirements

ATTRIBUTE	DESCRIPTION
Number (0 -50)	Maximum Relative Humidity %
100%	100% outside air when Minimum Total and Minimum Outside Air are equal
N/A	Not Applicable



ATTRIBUTE	DESCRIPTION
See Notes	Refer to text in Notes Column

9.4. HEPA FILTRATION REQUIRED

Filtration indicates the level and location of filtration required. Filter efficiencies noted here are in accordance with the Minimum Efficiency Reporting Value (MERV) ratings of NSI/ASHRAE Standard 52.2. Filters with a MERV rating of 8 shall be provided for all outdoor air. These filters shall be located upstream of air-conditioning equipment. Intermediate Filters indicated in column 'IN' shall be located downstream of the supply fan. Final filters indicated in column 'FN' shall be located at air outlets or close to outlets (coordinate with the Using Military Department). All filters should be installed to prevent leakage between the filter segments and between the filter and its supporting frame.

ATTRIBUTE	DESCRIPTION
Y	Air has HEPA filtration
N	Air DOES NOT have HEPA filtration

9.5. EXHAUST IS 100% OUTSIDE

Indicates room air to be exhausted, not recirculated.

ATTRIBUTE	DESCRIPTION
Y	Air to be 100% exhausted outside
N	Air recirculated

9.6. MINIMUM INDOOR RELATIVE HUMIDITY (%RH MIN)

The minimum humidity to be maintained in a space as part of the designed conditions. Average relative humidity range is 30–60 percent unless noted otherwise.

ATTRIBUTE	DESCRIPTION
Number (0 -100%)	Minimum Relative Humidity %
N/A	Not Applicable
See Notes	Refer to text in Notes Column



9.7. MAXIMUM INDOOR RELATIVE HUMIDITY (%RH MAX)

The maximum humidity to be maintained in a space as part of the designed conditions. Average relative humidity range is 30–60 percent unless noted otherwise.

ATTRIBUTE	DESCRIPTION
Number (0 -100%)	Maximum Relative Humidity %
N/A	Not Applicable
See Notes	Refer to text in Notes Column

9.8. TEMPERATURE

Interior design temperature in degrees Celsius (C) (Fahrenheit (F)) for cooling and heating load calculations. When cooling is required during winter, such as in interior zones, temperature listed under summer conditions should be used.

* Summer Design Temperature must be 9 degrees Celsius (15 degrees F) less than 1 percent Outside Design Temperature but must not be less than 24 degrees Celsius (75 degrees F) or greater than 25.5 degrees Celsius (78 degrees F) unless otherwise noted.

- Design temperature for summer months.
- Design temperature for the space during heating season.

9.9. NOISE COEFFICIENT MAXIMUM (MAX NOISE LEVEL NC)

The maximum noise coefficient allowed in an individual room.

ATTRIBUTE	DESCRIPTION
Number (0 -50)	How loud a piece of equipment will be at its loudest
N/A	Not Applicable

9.10. INDIVIDUAL ROOM CONTROL TEMP

If a thermostat will go into the room.

ATTRIBUTE	DESCRIPTION
Y	Thermostat will go in this room
N	Thermostat will not go in this room
See Notes	Refer to text in Notes Column



9.11. INDIVIDUAL ROOM CONTROL FLOW

ATTRIBUTE	DESCRIPTION
CV	Constant volume
VAV	Variable air volume
VAV/CV	Combination of constant and variable air volume

9.12. UNOCCUPIED ACH

Air change rate in an unoccupied room

ATTRIBUTE	DESCRIPTION
Number (0 -30)	Air change rate in an unoccupied room
N/A	Not Applicable

9.13. ROOM AIR

ATTRIBUTE	DESCRIPTION
Return	Return Air. Air is returned to the room via air handler.
Exhaust (G)	General Exhaust. Air is exhausted and not returned to the room.
Exhaust (S)	Special Exhaust. Air is exhausted and not returned to the room.
Return - See Notes	Return Air Distribution. Air is returned to the room via air handler. Refer to text in Notes Column.
Exhaust (G) - See Notes	General Exhaust. Air is exhausted and not returned to the room. Refer to text in Notes Column.
Exhaust (S) - See Notes	Special Exhaust. Air is exhausted and not returned to the room. Refer to text in Notes Column.

10.GENERAL**10.1. NFPA99**

Category of Patient Care Space in accordance with NFPA 99. The listed code defines the category for the expected Patient Care Space function. The Using Agency must define room function and reassess codes to be used for the specific project. The A/E must validate the room function and propose appropriate changes to a room category for Patient Care Spaces: The A/E will ensure



the architectural and engineering criteria are appropriate for the code used. A waiver will be required for changes to room categories.

The categories of Patient Care Spaces are independent from and should not be confused with Building System Categories. Building System Categories must be as defined in NFPA 99.

ATTRIBUTE	DESCRIPTION
1	Category 1 – Critical Care Space
2	Category 2 – General Care Space
3	Category 3 – Basic Care Space
4	Category 4 – Support Space
C	Category to be determined by the Using Agency
N	Not applicable. This room is not intended for patient examination or treatment.

