THE NEW SURREY HOSPITAL

AND

BC CANCER CENTRE PROJECT

Schedule 1 – Statement of Requirements

Appendix 1N – Electrical and Communications Matrix

APPENDIX 1N - ELECTRICAL AND COMMUNICATIONS MATRIX

Room Template #	Lighting method (direct, indirect, wall - mount, ceiling - mount)	Space Descriptions / Variants	Applies to SoA Ref. Numbers	CSA Z32 Classification
		Room Template Index		
1	Chair Bays	Chair Bay - Phlebotomy	E8.05	Intermediate Care
		Chair Bay - Diagnostic Testing	C3.07, C4.03	
		Chair Bay - Exam/Treatment	A2.05, A3.08, C4.14, C5.04	
		Chair Bay - Patient Prep	F5.05	
		PET Injection/Uptake Room - Chair	M2.15	
		Chair Bay - Observation	A3.09	
		Chair Bay - Infusion	I2.04	
2	Inpatient Rooms	Patient Bay - Double	B1.02	Intermediate Care
		Patient Room - Private	B1.01, B2.01	
		Patient Room - AIR - Bariatric	B1.04, B2.05	Critical Care
		Patient Room - Private - Shielded	B2.03	Intermediate Care
3	Exam Rooms	Stress Testing Room	N1.01	Intermediate Care
		Exam Room	A2.03, G1.03, I2.06, L2.02	
		Exam/Treatment Room	A3.03, C3.16, C3.18, C4.06, C4.12, C5.07, E8.07, G2.02	
		Exam/Treatment Room - Pediatric	C4.06	
		Exam/Treatment Bay	G2.01	
		Exam/Treatment Room - AIR	A3.04, C4.08, G1.26, G2.05, I2.07, L2.04	Critical Care
		Exam/Treatment Room - AIR - Bariatric	C3.13, D6.06, G2.08	
		Exam Room - Bariatric	A2.04, G1.04, L2.03	Intermediate Care
		Exam/Treatment Room - Bariatric	A3.07, C4.13	
		Exam Room - Patient Fitting	K3.07	
		Exam/Treatment Room - Shielded	M2.25	
4	Inpatient High Acuity Unit (HAU) Rooms	Patient Room - AIR - Bariatric (HAU)	B3.03	Critical Care
		Patient Room - HAU	B3.01	
5	Procedure Rooms	Procedure Room - Endoscopic	D3.02	Critical Care
		Procedure Room - General	D3.03	
		Procedure Room - Fluoro	F4.10	Intermediate Care
		Anaesthesia Block Room	D2.13	Critical Care
6	Stretcher Bay	PET Injection/Uptake Room - Stretcher	M2.16	Intermediate Care
		Stretcher Bay - Holding	C2.03, C7.02, F3.04, F4.05, F5.08, K4.02, L2.01, M2.09	
		Stretcher Bay - Holding - Bariatric	I2.05	
		Stretcher Bay - Patient Prep	F4.06, F6.08, F7.02, K4.07	
		Stretcher Bay - ACU	D6.01	
		Stretcher Bay - ACU - Bariatric	D6.02	
7	Operating Rooms	Operating Room	D2.05	Critical Care
		Operating Room - Isolation	D2.04	
		Operating Room - HDR	D2.06	
		Trauma Room	C3.03	
8	Radiation Treatment Bunker	Treatment Bunker Interior	L1.04	Intermediate Care
		Orthovoltage/Superficial	L1.06	
9	CT Imaging	Imaging Room - CT	C7.07, F5.09	Intermediate Care
		Imaging Room - CT - Simulation	K3.08	
		Imaging Room – Multipurpose IR	F4.23	
		Imaging Room - SPECT Camera	M2.22	
		Imaging Room - PETCT Scanner	M2.21	
		Guided Interventional Room - CT	F5.10	
10	MRI	Imaging Room - MRI	F6.12	Intermediate Care
		Imaging Room - MRI - Simulation	K4.12	
11	Medical Imaging	Ultrasound Procedure Room	F2.12, F3.07	Intermediate Care
		Ultrasound Procedure Room - TRUS	L2.19	
		Diagnostic Mammography Room	F2.11	
		Screening Mammography Room	F2.10	
		Imaging Room - Bone Density	F2.09	
		Echo Room	F3.08	
12	Imaging Control Rooms	Control Booth - Gen Rad	C7.06, F4.08	N/A
		Control Room - CT	C7.08, F5.11	
		Control Room - CT - Simulation	K3.09	
		Control Room - Cyclotron	M1.28	
		Control Room - Fluoro	F4.11	
		Control Room - MRI	F6.09	
		Control Room - MRI - Simulation	K4.08	
		Control Room - HDR	D2.07	
		Control Room - PETCT/SPECT	M2.23	
		Control Room - Treatment Bunker	L1.05	
		Control Room - Orthovoltage	L1.07	
13	General Radiology	Imaging Room - Gen Rad	C7.05, F4.07	Intermediate Care
		Equipment Testing - Biomed	F7.09	
14	Laboratories	Central Processing - Accessioning	E1.01.04	N/A
		Automated High - Volume Analyzer Area	E2.01.01	
		Automated Cell Counter	E3.01.02	
		Blood Gas/Whole Blood Analysis Area	E2.01.02	
		Research Area	E1.01.05	
		Workroom - Bench - top Research/Development Lab	K1.02	
		Receiving Bench - Chemistry	E2.01.04	
		Receiving Bench - Hematology	E3.01.01	
		Workstation	P3.02.01	
		Bone Marrow Work Area	E3.01.09	

Room Template #	Lighting method (direct, indirect, wall - mount, ceiling - mount)	Space Descriptions / Variants	Applies to SoA Ref. Numbers	CSA Z32 Classification
			Room Template Index	
		Frozen Section Room	D2.16	
		Lab Specimen Prep Room	D2.15	
		Micro Lab	M1.15	
		Chemistry Lab	M1.16	
		Workbench - Small	O1.02.03	
		Workbench - Large	O1.02.02	
		Workbench - Microscopy	E3.01.03	
		Workbench - Microscopy	E3.01.08	
		Workbench - Lab Tech	E2.01.08	
		Urinalysis Area	E2.01.03	
		Automated Coagulation Area	E3.01.05	
		Manual Coagulation Area	E3.01.06	
		Workbench - Manual Hematology & Fluids	E3.01.07	
		Microscopy Area	E3.01.08	
		Clean Assembly	D4.02	
		Lab Specimen Prep Room	D2.15	
		Workbench - Slide Stainer	E3.01.04	
15	Care Team Stations	Care Team Station	A2.09, A3.14, B1.10, B2.14, B3.13, C3.22, C4.18, C5.02, D6.12, I2.02, L2.10, I2.03, M2.27	N/A
		Care Team Station - Distributed	G2.04, I2.03	
		Workroom - MDT	G1.08	
		Control Desk	D2.01, D3.01	
16	Offices	Office - Shared	A3.16, B2.25, B3.25, B4.08, C8.03, D2.18, D2.19, D7.04, F2.03, F7.07, F8.02, F8.03, F8.04, G3.03, L3.02, N3.06, P2.06, Q3.01, R4.02, U4.01, U4.03, U5.04, U5.05, U6.06, W1.10, W4.09, W4.10, W4.24, W5.02, W5.03, X4.02,	N/A
		Office - Shared - Union	U4.02	
		Office - Shared - Administration	Y3.05	
		Office - Shared - Portering	Q3.01	
		Office - Shared - Staffing Services	U4.01	
		Office - CC Foundation	T2.05	
		Office - Hospital Foundation	T1.04	
		Office - Private	A4.06, B4.07, C8.02, D7.03, E2.04, E5.05 , E7.01, F8.01, G3.04, H1.01, H1.04, I3.01, J5.04, K1.07, K1.10, L3.01, M1.05, M2.06, N1.04, N2.03, N3.05, P4.01, Q3.02, R4.01, S2.03, T1.06, T1.09, U2.01, U3.01, U5.04, U6.05, W3.02, W4.11, X4.01, Y3.04, Y4.01	
		Office - Private	W2.01, W2.05	
		Office - Private	EC1.2	
		Office - Private - EVS - Sign-In	W2.01	
		Office - Private - Laundry - Sign-In	W2.05	
17	Workstations / Control Desks	Data Image Centre - Medical Imaging	F1.06	N/A
		Workstation	E5.01.03, E7.03, H1.06, L2.13, N3.01.01, N3.01.02	
		Workroom - Pharmacy	R4.03	
		Workroom - Planning	K3.11	
		Workroom - Respiratory Therapy	N2.04	
		Workroom - RT Resources	L3.08	
		Workstation - Admin Assistant	H1.06	
		Workstation - Biological Indicator	P3.02.01	
		Workstation - Drop Down	E2.01.07, F8.06, K3.11, J4.01.03, N3.01.04, R4.04, C2.04, L3.03, P2.03.06, R1.02.02	
		Workstation - Receiving	W3.01	
		Workroom - Virtual Health	S1.01	
		Workstation	G3.06, N1.03, E2.01.09, E4.01.06, J5.06, K1.11, L3.04	
		Workstation - Shared	N1.03, N3.01.03	
		Workstation - Standing	D4.01.04, D4.02.03	
		Work Hub - Technologists	C7.04, F2.14, F3.09, F4.09, F5.14	
		Receiving - Clean Devices	P3.04	
		Receiving and Breakdown Area	J4.01.02	
		Equipment Storage and Dispatch Room	N2.01	
		Dispatch Room	P3.03	
		Reading Room - Radiologist	F2.15, F3.10, F4.18, F5.15, F6.07,	
		Reading Room - Cardiologist	F3.11	
		Reading Room	M2.07	
		Patient Check-In	A1.01, C1.08, D1.01, E8.01, F1.01, F2.02, G1.02, I1.01, L1.02, M2.02	
		Business Work Area	A1.01, C1.09, D1.02, E7.04, E8.02, F1.03, F8.07, G3.07, H1.09, J5.07, L3.05. N3.02, S2.01, U1.05, U2.03, U6.03, Y4.03	
		Business Work Area - 3D Printers	K1.15	
		Intake Work Counter	E1.01.01	
18	Decontamination Room	Decontamination Room	C2.08	Basic Care
19	Rehabilitation Room	Rehabilitation Therapy Room	B4.05	Basic Care
		Stress Testing Room	N1.01	
20	Clinical Support Rooms	Anteroom - AIR	A3.06, B4.05, C4.10, G1.27, G2.07, L2.06, I2.09	N/A
		Anteroom - AIR - Bariatric	B1.06, B3.05, B2.07, C3.15, D6.08	
		Anteroom - Decontamination	P1.02	
		Anteroom - Production	M1.13	

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		Room Template Index		
		Anteroom - Exit	C2.12	
		Anteroom - Entry	C2.10	
		Anteroom - Hazardous Drugs	R3.05	
		Anteroom - Clean Assembly	P2.01	
		Anteroom - Clean Rooms	M1.25	
		Anteroom - ISO 7 - Sterile Compounding	J2.04	
		Anteroom - Isolation OR	D2.02, D2.03	
		Anteroom - Sterile Compounding	R3.03	
		Anteroom - Gowning	J2.01	
		Anteroom - Trauma	C3.02	
		Anteroom - Secure Room	C2.16	
		Cart Washer	P1.05	
		Cart Wash	X3.02.03	
		Alcove - Observation	B1.07, B2.08, B3.06, C2.13, L2.08	
		Dispensing Area	R2.05	
		Dispensing/Preparation Room	J3.01	
		Dispensing Counter	J3.02	
		Gowning Room	M1.38	
		Medication Room - Small	B2.17, C5.06, L2.18	
		Medication Room	A4.01, B1.12, B2.16, B3.15, C3.25, C4.21, D6.13, G1.16	
		Automatic Endoscope Reprocessor (AER)	D4.01.07	
		Scope Check Station	D4.01.06	
		Probe Reprocessing Room	F3.12	
21	Patient Support Rooms	Group Room	G1.10, V1.01	N/A
		Decision Room	C2.02	
		Phone Room - 2-Seat	A2.02, A3.02, F8.05, M2.28, N3.03, S1.02, U2.05, Y5.02	
		Consult Room - Small	A2.01, A3.01	Basic Care
		Consult Room	B3.10, C4.01, D1.05, F2.08, F3.05, G1.07, I1.03, I2.10, J3.03, K3.06, L1.10, L2.07, M2.05,	
		Consult Room - ED	C4.01	
		Consult Room - Large	G1.06	
22	Technical Support Rooms	Computer Room - CT	C7.09, F5.12	N/A
		Computer Room - CT - Simulation	K3.10	
		Computer Room - MRI	F6.10	
		Computer Room - MRI - Simulation	K4.09	
		Computer Room - PETCT/SPECT	M2.24	
		Clean Room	M1.26	
		Clean Room - Non-Hazardous	R3.04	
		Clean Room - Hazardous	R3.07	
		Clean Room - Sterile HD Compounding	J2.05	
		Sterile BIO HD Compounding	J2.06	
		Small Clean Room	M1.27	
		Open Assembly Area	O1.02.01	
		Quality Control Room - Clean Rooms	M1.22	
		Quality Control Room - Small Clean Room	M1.23	
		Scanning Room - CC	U5.08	
		Server Room - OR Integration System	D2.30	
		Technical Area	M1.39	
		Ventilator Assembly and Testing Room	N2.02	
		Workroom - Clerks - CC	U5.06	
		Workroom - Clerical - CC	U5.07	
		Workroom - Clerks	L1.03, M2.03	
		Workroom - Anesthesia	D2.17	
		Workroom - General Pharmacy	J1.01	
		Workroom - Biomed	F7.08, O1.02	
		Workroom - Data Coordinators	H1.03	
		Workroom - Clinical Research Nursing	H1.02	
		Workroom - Care Team	B1.11, B2.15, B3.14,	
		Workroom - Materials Management	W3.03	
		Workroom - CC Administration	U3.02	
		Workroom - CC Medical Staff Facilities	Y4.02	
		Workroom - ISO 8 - Controlled IV Setup	J2.07	
		Workroom - Data Co - ordinations	H1.03	
		Workroom - Diet	X4.03	
		Workroom - Dosimetry	K2.01	
		Workroom - CH Administration	U2.02	
		Workroom - HIM - FH	U5.01	
		Workroom - Configuration Lab - FH	W5.01	
		Workroom - Medical Staff	Y2.01	
		Workroom - Medication	I2.01	
		Workroom - Morgue	Q2.02	
		Workroom - Nursing	G3.02, I3.02	
		Workroom - Pharmacists	J5.05	
		Workroom - Physics Assistants	K1.08	
		Workroom - Physics Computer Technologist	K1.03	
		Workroom - Physics Students	K1.09	
		Workroom - Planning	K4.11	
		Workroom - Planning - Brachytherapy	D2.09	

APPENDIX 1N - ELECTRICAL AND COMMUNICATIONS MATRIX

Room Template #	Lighting method (direct, indirect, wall - mount, ceiling - mount)	Space Descriptions / Variants	Applies to SoA Ref. Numbers	CSA Z32 Classification
		Room Template Index		
		Workroom - Physics Lab	K1.01	
		Workroom - Staff	M1.03, M1.04	
		Workroom - Telephone Triage/ Screening Support	G3.01	
		Workroom - Transfusion Medicine	E4.01.05	
		Workroom - Volunteer - FH	T1.05	
		Workroom - Volunteer - CC	G3.05	
		Workroom - Command Centre	U6.01	
23	Morgue	Workroom - Morgue	Q2.02	N/A
24	Sacred Space	Gathering Area	T4.02	N/A
		Sacred Space	T4.04	
25	Secure Room	Secure Room	C2.15	N/A

Space Type	Space Descriptions / Variants	Applies to SoA Ref. Numbers	CSA Z32 Classification
	Spaces without a Room Template - refer to the SOR		
Patient Washroom	Washroom - Patient - Bariatric	A2.07, C3.19, D3.14, D3.15, I2.21	
	Washroom - Patient	A3.11, C3.17, C4.04, C5.08, D6.11, E8.04, F2.05, F3.06, F4.04, F5.04, F6.05, G1.12, I2.20, K3.05, K4.06, L1.11, L2.16, M2.17, N1.07	
	Washroom - Patient - Bariatric	C4.15	
	Washroom - Patient - Decontamination	C2.09	
	Washroom - Patient - Shielded	M2.26	
	Decontamination Shower	C2.07	
	Ensuite - AIR	A3.05, C4.09, G2.06, L2.05, I2.08	
	Ensuite - AIR - Bariatric	C3.14, D6.07, G2.09, G2.10	
	Ensuite - Patient Room - AIR - Bariatric	B1.05, B2.06, B3.04,	
	Ensuite - Patient Room	B1.03, B2.02	
	Ensuite - Patient Room - HAU	B3.02	
	Ensuite - Patient Room - Shielded	B2.04	
Public Washroom	Washroom - Public	A1.04, B1.21, B2.13, B3.12, B4.02, C1.05, D1.04, F1.05, I1.04, M2.04, T1.03, T2.02, T4.06, U1.03, V1.04	
Staff Washroom/Lockers	Lockers-Staff	EC1.4	
	Locker Room - Female	D7.09, P4.08, W4.18, Y1.06	
	Locker Room - Male	D7.05, P4.06, W4.14, Y1.02	
	Locker Room - Universal	J5.01, M1.01	
	End-of-Trip Facilities/ Bike Room		
	Washroom-Staff	EC1.5	
	Washroom/Shower-Staff	EC1.6	
	Washroom - Staff	A4.07, B1.20, B2.22, B3.22, C4.25, D7.02, E7.05, F8.09, G1.13, H1.10, I3.03, J5.03, K1.13, L3.07, M1.03, M2.34, N3.10, P4.03, R4.07, S2.04, T2.07, U5.10, U7.02, W1.07, X4.04, Y2.02, Y4.04, Y5.03	
	Washroom - Staff - Non-Acc	A4.12, B1.23, C3.33, D2.26, D3.12, D6.20, E7.08, F4.17, F8.11, G1.28, H1.11, I3.04, J5.08, K1.06, L1.12, L2.17, L3.09,M1.20, M1.41, M2.13, N3.11, P4.11, R4.09, T2.09, U3.03, U5.11, U7.04, W3.07, W4.25, Y4.06	
	Washroom/Shower - Staff	C2.14, C8.05, D7.13, Y1.10	
	Shower Room	D7.07	
On-Call, Resource Rooms, and Lounges	Lounge - Family/Visitor	B2.28, B4.01	
	Resource Centre - Patient/Family	T2.03	
	Quiet Room	C3.05	
	Computer Training Room	V1.08	
	Lounge - Staff	B4.09, C8.06, D7.15, E7.06, F8.10, P4.04, R4.05, U7.01, W4.13, Y1.16, Y5.01	
	Exercise/Wellness Room	Y1.13	
	Look Good Feel Good Room	T2.04	
	Lounge - Study Stations and Book Collection - UBC	Y3.01	
	Lounge - Security	T1.08	
	On-Call Room	C8.04, Y2.03, Y3.03	
Morgue Viewing and ID Rooms	Viewing Room	Q2.05	
	Identification Room	Q2.04	
FM Support/Workshops	Workshop - Electrical		
	Workshop - Carpentry	W4.02	
	Workshop - Keying	W4.03	
	Casting Room	A2.11	
	Machine Shop	K1.05	
	Compactor		
	Manifold Room - Centralized	W1.09	
	Electronics Shop - RT System Technologists	K1.04	
	Workshop - Electronic - Cyclotron	M1.30	
	Workshop - Paint		
	Workshop - Metal/Welding/Plumbing	W4.04	

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Room Template #	Lighting method (direct, indirect, wall - mount, ceiling - mount)	Space Descriptions / Variants	Applies to SoA Ref. Numbers	CSA Z32 Classification
			Room Template Index	
		Workshop - Main	W4.01	
	Service Rooms	BC Hydro Room	EC3.1	
		ATS Room	EC3.2	
		Energy Center V/DV Transformer and MDP Room	EC 3.5	
		Main Electrical Distribution Room	EC3.4	
		Generator Paralleling Switchgear Room	EC3.6	
		Main UPS Room	EC3.7	
		Energy Centre Electrical Room	EC3.11	
		Vestibule	EC3.12	
		Steam Plant	EC2.1	
		Heating Plant	EC2.2	
		Air conditioning and process cooling chiller(s) plant	EC2.3	
		Allowance for 2080 future chiller plant expansion	EC2.4	
		Domestic water generation + RO system for steam boilers	EC2.5	
		Heat-recovery chiller (s) plant	EC2.6	
		Cooling Towers chemical treatment and side stream filtration system(s)	EC2.7	
		Elevator Machine Room	EC2.8	
		Miscellaneous Auxiliary Equipment	EC2.9	
		Cooling Towers	EC2.10	
		Control Room	EC1.1	
	Circulation & Public Areas	Corridors / Elevator Lobbies		
		Stairwells		
		Vestibules:		
		Vestibule - Ambulance Entry	C2.01	
		Vestibule - Cart Return	P1.06	
		Vestibule - Courier Reception	R1.01	
		Vestibule - Loading Dock	W1.01	
		Vestibule - Main Entrance	T1.01	
		Vestibule - Patient Transfer	Q1.01	
		Vestibule - Receiving	M1.17	
		Vestibule - Spiritual Care Entry	T4.01	
		Vestibule - Staff Facilities Entry	Y1.01	
		Vestibule - Walk-In Entry	C1.01	
		Mailroom - CC	T2.06	
		Mailroom - NSHCC	W3.06	
		Office - Security	T1.07	
		Security Station	C1.03	
		Information/Security Station	T1.02.04	
		Dispensing Counter	J3.02	
		Display - Electronic Wayfinding System	T1.02.03	
		Main Entrance Lobby	T1.02	
		Waiting Area	A1.03, C1.04, C7.01, D1.03, E8.03, F1.04, F2.01, F3.01, F4.01, F5.01, G1.01, I1.02, K3.01, K4.01, L1.01, M2.01, T1.02.08, T2.01.02, U1.02	
		Waiting Area - Gowned	F2.07, F6.01, L1.09	
		Waiting Area - Intake	C3.06.01, C4.02.01, C5.01	
		Waiting Area - Pediatric	C4.05	
		Waiting Area - Results Pending	C3.06.02, C4.02.02	
		Retail - Food	T3.03	
		Retail - Pharmacy	T3.01	
		Courier Reception & Packaging	J4.01.01	
		Station - Metal Detector	T1.02.01	
		Station - Hand Hygiene ABHR	T1.02.02	
		Reception - Cancer Centre	T2.01.01	
		Reception - Administration	U1.01	
		Reception - HIM - Release of Information	U1.04	
		Alcove - Self-Registration Kiosk	C1.06, F1.03, T1.02.06, T2.01.04	
	Parking Areas	Below grade parking		
		At grade parking		
		Covered Drop-Off		
		Bike Room		
	External Ambulance Canopy/Vehicle Bay	External Ambulance Canopy/Vehicle Bay	C2	
		Vestibule - Ambulance Entry	C2.01	
	Kitchen & Nourishment Areas	Alcove - Nourishment Station	A3.12, B1.13, B2.12, B3.11, C3.26, C4.22, D6.14, G1.09, I2.17, M1.07, N3.07, T4.05,	
		Alcove - Nourishment Station	L2.20, V1.02	
		Foods Services	X2.01	
	Logistical Support Areas	Intake Work Counter	E1.01.01	
		Alcove - Medication Pass-Through	I2.24	
		Wash-Up/Glassware Soaking Room	E6.01	
		Bin Wash Station	W2.09	
		Clean Supply Core	D3.04	
		IV Staging and Prep/Checking	R3.02	
		Blast Chilling/Blast Freezer/Rapid Thaw	X2.01.06	
		Storage - Reagents/Equipment	E2.06	
		Refrigerated Storage - Reagents	E4.04	

Room Template #	Lighting method (direct, indirect, wall - mount, ceiling - mount)	Space Descriptions / Variants	Applies to SoA Ref. Numbers	CSA Z32 Classification
		Room Template Index		
		Walk-In Cooler - Racks	Q2.03	
		Walk-In Refrigerator - Lab	E2.03	
		Refrigerator/Freezer Room	E3.02	
		Packaging Room	M1.24	
		Receiving/Dispensing Area	E4.01.01	
		Laundry Services:		
		Equipment Room - EVS	W2.04	
		Loading/Receiving Dock		
		Vestibule - Shipping/Receiving	E1.03	
		Shipping/Receiving Room	M1.18	
		Shared Support Spaces and Staff Support Spaces		
		Change Room	C7.10, F2.04, F3.02, F4.02, F5.02, F6.02, K3.02, K4.03, L1.08, M2.08, R3.08, Y1.11	
		Change Room - Bariatric	F4.22, L1.20, M2.35	
		Soiled Holding - Hazardous Waste	J4.05, R1.03	
		Receiving - Soiled Devices	P1.01	
		Scope Washing	P1.08	
		Decontamination	D4.01	
		Decontamination Area	P1.03	
		Package Holding/Staging Area	E1.01.06	
	Alcoves	Alcove - Blanket Warmer	A4.10, B1.22, B1.30, C4.01, C4.28, D2.22, D3.06, D6.16, F7.03, G1.19, I2.14, L1.21, L2.11, M2.20	
		Alcove - Clean Linen	A4.09, B1.08, B2.09, B3.07, C3.20, C4.16, D2.23, D3.07, D6.17, F2.06, F3.03, F4.03, F5.03, F6.03, G1.11, I2.13, K3.04, K4.05, M2.19, N1.05, P4.05	
		Alcove - Mobile Equipment	A2.08, A3.13, B1.18, B2.20, B3.21, C3.04, C3.28, C4.24, D2.24, D6.15, D3.08, F2.13, F4.15, G1.18, N1.06	
		Alcove - Workstation-on-Wheels	A2.10, A3.15, C3.23, C4.19, C5.03	
		Alcove - Crash Cart	A4.08, B1.17, B2.21, B3.20, C3.27, C4.23, F4.16, F5.06, G1.17, I2.15, L1.14, L2.12	
		Alcove - Hand Hygiene Sink	A2.06, A3.10, B1.09, B2.11, B3.09, C1.10, C3.24, C4.20, C5.05, D4.01.03, D4.02.01, D6.09, E2.01.06, E3.01.15, G2.03, I2.12, M1.40, M2.36, M2.37, P2.03.07, Q1.02, R2.02, R3.11	
		Alcove - Wheelchair Storage	A1.05, C1.02, T2.01.03	
		Alcove - Observation	B1.07, B2.08, B3.06, C2.13, L2.08	
		Alcove - Drying Cabinets	P2.03.08	
		Alcove - Dirty Food Tray	B1.19, B2.24, B3.24	
		Alcove - Purse Lockers	B2.26, B3.26, C8.07, N3.08,	
		Alcove - Lockers - Patient	D6.10, F6.04, K3.03, K4.04	
		Alcove - Lockers	D7.14, R3.10, Y1.12	
		Alcove - Lockers - UBC	Y3.02	
		Alcove - Stretcher/Wheelchair Storage	F7.04, W4.22, W6.03,	
		Alcove - Clean Supplies	B3.08, C3.21, C4.17, C5.09, C7.03	
		Alcove - Clean Supplies - Pediatric	C4.07	
		Alcove - Weigh Scale	B4.04, G1.05, I2.11, L2.09	
		Alcove - PPE	C3.01, D4.01.02, E1.01.03, E3.01.14, E4.01.03, E5.01.06, R2.01	
		Alcove - Lab	C3.08	
		Alcove - Pneumatic Tube Station	E1.01.02, E4.01.02, R3.01	
		Alcove - Cardiac Diagnostics	C3.09	
		Alcove - Eyewash Station	E2.01.05, E3.01.13, K3.15	
		Alcove - Eyewash/Shower Station	C3.29, D2.29, D4.01.08, E5.01.05, F7.12, J2.02, I2.23, M1.14, M2.18, M2.30, W1.05, L1.19, P1.12, R2.03, R3.12, W6.04, X3.02.06	
		Alcove - Scrub Station	D2.11, F4.12, F5.07	
		Alcove - Stretcher Storage	D2.21, D3.05	
		Alcove - Receiving -Soiled	D4.01.01	
		Alcove - Clean Cart Staging	D4.02.02	
		Alcove - Phlebotomy	E8.06	
		Alcove - Release-of-Information Kiosk	T1.02.07	
		Alcove - Lead Aprons	F4.13, F5.13	
		Alcove - Medication Storage/Prep	F4.14	
		Alcove - Ice Machine	F7.01	
		Alcove - Oxygen Tank Storage	F7.05, D2.25, D3.10	
		Alcove - Water Station	M2.40, Y1.14	
	Storage/Equipment/Holding	Storage - Clean Supply	C2.05,	
		Bulk Storage Room	W3.04	
		Storage - Decontamination	C2.11	
		Storage - Cryogen - Biomed	F6.06	
		Storage - Contaminated Waste	M1.29	
		Storage - Shielded - Cyclotron	M1.32	
		Tool Storage Area	O1.02.04	
		Storage - Parts	O1.03	
		Workshop - FMO	P2.05	
		Bulk Storage Area	R1.02.03	
		Active Storage Area	R1.02.04	
		Narcotics Vault/Storage	R2.06	
		Storage - Information/Security Station	T1.02.05	

Room Template #	Lighting method (direct, indirect, wall - mount, ceiling - mount)	Space Descriptions / Variants	Applies to SoA Ref. Numbers	CSA Z32 Classification
		Room Template Index		
		Storage - Retail Pharmacy	T3.02	
		Storage - Retail Food	T3.04	
		Storage - Spiritual Care	T4.03	
		Storage - Clean Scopes	C3.30, D3.09, G1.24	
		Storage - IMIT - CC	W5.04	
		Storage - Clean Supply	A2.12, A4.04, B1.14, B2.18, B3.16, C6.02, D2.28, D6.18, E2.05, E6.02, F3.13, F4.20, F5.17, F6.11, G1.14, H1.08, I2.18, J4.04, K3.14, K4.10, L1.15, L2.14, M1.08, M2.10, M2.32, P2.02, U2.04, W1.03, X3.02.05	
		Storage - Clean Supply - Phlebotomy Carts	E1.02	
		Storage - Radioisotope	M2.14, M2.29	
		Sealed Source Room	D2.08	
		Storage - Chemistry	E2.02	
		Soiled Utility Room - Ambulance	C2.06	
		Soiled Utility Room	A4.05, B1.15, B2.19, B3.17, C3.32, C4.27, C5.11, D6.19, E5.04, F3.14, F4.21, F5.18, G1.15, I2.19, L1.16, L2.15, M2.11, M2.33	
		Soiled Holding	E6.03, J4.06, M1.11, P1.08, W6.01	
		Soiled Holding - Shielded	B2.10	
		Soiled Holding - Contaminated	M2.31	
		Soiled Holding - Hazardous Waste	R1.03	
		Soiled Holding - Perioperative	D5.01	
		Sterile Stores Supplies	P3.02.04	
		Storage - Sterile Supply	F4.19	
		ADC Replenishing	J4.02	
		Storage - Non-Hazardous Drug	J4.03	
		Storage - Hazardous Drug	J2.03	
		Storage - Records/Files	H1.07, M1.06, U5.03, U5.09	
		Storage - Immobilization Supplies	K3.12	
		Storage - Biohazard Medication	R3.06	
		Storage - Biohazard Waste	W2.08	
		Storage - Radio/Equip - EOC	U6.07	
		Storage - Equipment/Parts/Supplies	W4.07	
		Storage - Equipment Holding	W4.08	
		Storage - Blood Components	E4.02	
		Storage - Clean Equipment	F7.10, P3.05	
		Storage - Clean Equipment	A4.03, B2.27, B3.18, B4.03, C3.31, C4.26, C5.10, D2.10, D3.11, D6.21, F5.16, F7.06, G1.22, G1.23, I2.16, L1.17, N1.02, N3.09, S2.05, W1.11	
		Storage - Clean Equipment - Resp Therapy	B3.19, C6.01,	
		Storage - Clean Equipment	L1.13, V1.03	
		Storage - Clean Equipment - Meeting Rooms		
		Storage - Implants	D2.20	
		Storage - Controlled/Quarantine	M1.09	
		Storage - Specimen	E3.01.11	
		Storage - Primary - STAT - Backup	E3.01.12	
		Storage - Patient Devices	K3.13	
		Storage - Hazardous Chemical	W1.04	
		Storage - Chemical	M1.10, X3.04	
		Storage - Bulk Paper/Cleaning Chemicals	W2.03	
		Storage - Dry Goods	X1.03	
		Storage - Non-Food Products	X1.02	
		Storage - Gas Cylinders	M1.19	
		Storage - Gas Cylinders - Centralized	W1.06	
		Storage - Hazardous Drug	J2.03	
		Storage - Non - Hazardous Drug	J4.03	
		Storage - OT/PT Equipment	B4.05b	
		Cleaning and Disinfection Room - Rehab Therapy	B4.05c	
		Cleaning & Disinfection Room	W6.02	
		Scope Cleaning and Disinfection Room	G1.25	
		Equipment Cleaning Area	O1.01.02	
		Case Cart Holding - Empty	P3.02.03	
		Case Cart Holding - Full/Stocked	P3.02.02	
		Clean Cart Holding	X3.03	
		Soiled Receiving/Decanting	P1.03.01	
		Soiled Cart Holding	X3.02.01	
		Housekeeping Room	A4.05, A4.11, B1.16, B2.23, B3.23, C6.03, D2.27, D3.13, D6.22, D7.16, E6.04, F7.11, G1.20, I2.22, J2.09, J4.07, L1.18, M1.12, M1.21, M2.12, P1.09, P2.04, Q2.01, P4.10, T2.08, U7.03, V1.12, W1.08, X3.05, Y1.15, Y4.05, R3.09, R4.08,	
		Storage - Lost-and-Found	W2.02	
		Equipment Storage and Dispatch Room	N2.01	
		Equipment Disposal Holding Area	W3.05, W4.23	
		Package Holding/Staging Area	E1.01.06	
		Receiving and Holding Area	O1.01.01	
		Sterile Stores Supplies	P3.02.04	
		Sterile Supply Core	D2.12	

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		Room Template Index		
Room Template #	Lighting method (direct, indirect, wall - mount, ceiling - mount)	Space Descriptions / Variants	Applies to SoA Ref. Numbers	CSA Z32 Classification
		Cart Washer	P1.05	
		Cart Wash	X3.02.03	
		Cart Drying/Staging	P2.03.01	
		Clean Cart Staging	W2.06	
		Soiled Cart Staging	W2.07	
		Staging Area	W1.02	
		Vestibule - Loading Dock	W1.01	
		Equipment Room - Cyclotron	M1.31	
		Low Temperature Sterilizers	P2.03.05	
		Steam Sterilizers	P2.03.04	
		Cooling Room - Steam Sterilizers	P3.01	
		Storage - Specimen	E3.01.11	
	Meeting / Conference Rooms	Conference/Meeting Room-Small	EC1.3	
		Meeting Room - EOC	U6.04	
		Meeting Room - 12-Seat	B4.06, C8.01, D7.01, E7.07, F8.08, H1.05, R4.06, W4.12,	
		Meeting Room - 15-Seat	V1.07	
		Meeting Room - 20-Seat	K1.12, U6.04,	
		Meeting Room - 4-Seat	K2.02, U5.02, U6.02	
		Meeting Room - 50-Seat	V1.05	
		Meeting Room - 6-Seat	G3.08, N3.04	
		Meeting Room - 8-Seat	A4.02, L3.06, P4.02, S2.02, U2.06	
		Videoconference/Seminar Room - 12-Seat	Y2.04	
	Cyclotron Vault	Cyclotron Vault	M1.33	
	Medical Device Reprocessing (MDR)	Instrument Assembly Area	P2.03.02	
		Instrument Cleaning	P1.03.03	
		Instrument Washing	P1.03.02	
		RO Water Tank Room	P1.10	
		Detergent Dispensing Room	P1.11	
		Scope Assembly - Satellite MDR	D4.02.04	
		Scope Washing - Satellite MDR	D4.01.05	
		Scope Washing	P1.03.04	
		Scope Assembly	P2.03.03	
	Food Services	Foods Services	X2.01	
		Walk-In Freezer	X1.04, X1.05	
		Walk-In Refrigerator	X1.06	
		Compressor Room	X1.07	
		Meal Assembly	X2.01.01	
		Preparation	X2.01.03	
		Hot Production/Main Cooking	X2.01.04	
		Cold Production	X2.01.05	
		Packaging	X2.01.07	
		Alcove - Clean Linen	X2.01.08	
		Ingredient Control Room	X2.02	
		Inventory Refrigerator	X2.03	
		Inventory Freezer	X2.04	
		Pot Washing	X3.01	
	Back of House (BoH)	Compactor		
		Waste Bin Area		
		Exterior Storage		

APPENDIX 1N - ELECTRICAL AND COMMUNICATIONS MATRIX

Room Template 1: Generic Chair Bay					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Direct/indirect (ceiling)	500	Care Team Station - Distributed and at each chair bay (dimming)	Vital/Conditional	Alternate luminaire power source on Vital and Conditional per POD.
Exam Lighting, general	Ceiling	1000	Chair Bay (dimming)	Vital/Conditional	Over specific body part related to room specialty when applicable
Exam or surgical lighting, specific medical equipment	N/A (equipment - specific)	N/A (equipment - specific)	Equipment - specific	UPS	Refer to equipment list, used where articulated light source needs to provide high light level with controlled beam
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	N/A				
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	N/A				
Warning Lights (in - use / do not enter)	N/A				
Battery packs (backup unit lighting)	N/A				

Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**	**Notes / Other Requirements**
Provider zone	1/0.5		1/0.5	
Patient zone	1/0.5	1/0.5		Receptacle on conditional power to c/w USB outlets
Bed		1/0.5		As required by electric bed/chair/stretcher. Provide power rough-in for future treatment chair in Ambulatory Care
Ceiling Lift		1/0.5		Ceiling Lift as required
Boom				
Housekeeping		1/0.5		One per POD
General use (spacing / location specified)				
Specialty, equipment specific				Additional receptacles and circuits to be provided for all items in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Nursing control zone				
Observation room or station or area or ante room				

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**
Basic Requirement	Required			Clocks: Yes, visible from provider zone
Provider zone	one (1) Patient station for each headwall location off centre towards the nursing side of the Patient chair in the room			Public Address: Yes
Patient zone	one (1) code blue station for each headwall location off centre towards the non-nursing side of the Patient chair in the room			
Footwall	N/A			
General use (spacing / location specified)				
Bed	N/A			
Boom				
Ceiling		GW ceiling rooms to have one (1) additional 2 - gang box stubbed to cable tray. Refer to Appendix 1B for locations with GW ceilings and refer to Schedule 1, Section 7.8.10		
Specialty, equipment specific	one (1) StaffVoIP workflow station at room entry			

Room Template 2: Generic Inpatient Unit (IPU) Sleeping Rooms

Lighting Function Types	Lighting method (direct, indirect, wall - mount, ceiling - mount)	Illuminance Targets (minimum average lux)	Local Controls	Power Source	Notes / Other Requirements
General Area Lighting	Direct/indirect (ceiling)	300	Patient zone (dimming), Room entry (dimming)	25% Vital, 75% Conditional	Illuminance targets must be met at hand hygiene sink when standing in front of it. Refer to the SOR.
Exam Lighting, general	Ceiling (over abdomen)	750	Provider zone (dimming)	Vital	
Exam or surgical lighting, specific medical equipment	N/A (equipment - specific)	N/A (equipment - specific)	Equipment - specific	UPS	Refer to equipment list, used where articulated light source needs to provide high light level with controlled beam
Bedside Staff light	Ceiling or wall - mount	100	Provider zone (dimming)	Vital	
Patient Reading light	Ceiling or wall - mount	300	Patient zone (dimming)	Vital	
Workstation lighting	N/A				
Night light	Wall - mount	30	Photosensor control	Vital	Amber colour, located between bed/stretcher and washroom
Observation lighting	Ceiling or wall - mount	300	Remote observation area (dimming)	Vital	
Instrument processing lighting	N/A				
Visitor/Family zone lighting	Ceiling or wall - mount	300	Visitor/family zone (dimming)	Conditional	
Shower	N/A				
Specialty Lighting	N/A				
Warning Lights (in - use / do not enter)	N/A				
Battery packs (backup unit lighting)	N/A				

Power Receptacle Locations	# of duplex Vital receptacles / circuits	# of duplex Conditional receptacles / circuits	# of duplex UPS receptacles / circuits	Notes / Other Requirements
Headwall Provider zone	2/1		2/1	Locate on both sides of the provider zone
Headwall Patient zone	1/0.5	1/0.5		Locate on both sides of the patient zone. Double the quantities of receptacles and circuits for Critical Care rooms
Bed		1/0.5		
Ceiling Lift		1/0.5		Ceiling Lift and bed in same room may share same circuit
Boom				
Housekeeping		1/0.5		Receptacle at room entry, circuit sharing within room or with adjacent patient room only
General use (spacing / location specified)	2/1	1/0.5 for each visitor/patient chair, workstation		Conditional power receptacle with USB Type3.0 outlets
Specialty, equipment specific	1/.03			
Nursing control zone				
Observation room or station or area or ante room	1 per 1m of wall/2 per circuit			Receptacles noted are in addition to standard workstation requirements, select rooms only

Division 27	Nurse Call	Notes/Other Requirements		Additional Requirements/ Notes
Basic Requirement	Required			
			Clocks:	One at foot of bed and visible from provider zone
Headwall Provider zone	one (1) Patient station for each headwall location off centre towards the nursing side of the Patient bed in the room one (1) Pillow Speaker		**Public Address:**	No
Headwall Patient zone	one (1) code blue station for each headwall location off centre towards the non-nursing side of the Patient bed in the room			
Footwall	Nurse Call Connection to display location.			
General use (spacing / location specified)	one (1) Pull Cord at patient chair, connected to the patient station for audio capability			
Bed		Patient bed locations to have one (1) additional 2 gang box stubbed to cable tray		
Boom				
Ceiling		GW ceiling rooms to have one (1) additional 2 - gang box stubbed to cable tray. Refer to Appendix 1B for locations with GW ceilings and refer to Schedule 1, Section 7.8.10		
Specialty, equipment specific	one (1) Staff VoIP workflow station at room entry one (1) Audio pull cord station between toilet and sink one (1) pull cord station in the shower/tub area connected to the audio pull cord station.			

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Room Template 3: Generic Examination Rooms					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Direct/indirect (ceiling)	500	Room entry (dimming to 1%)	Conditional with selected Vital fixtures for safety	Illuminance targets must be met at hand hygiene sink when standing in front of it. Control devices will not be placed on the door wall in Ambulatory Care
Exam Lighting, general	Ceiling (over abdomen)	1000	Provider zone (dimming)	UPS	Over specific body part related to room specialty when applicable
Exam or surgical lighting, specific medical equipment	N/A (equipment - specific)	N/A (equipment - specific)	Equipment - specific	UPS	Refer to equipment list, used where articulated light source needs to provide high light level with controlled beam
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	Ceiling	750	At workstation (dimming)	Conditional	
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	Covered by General Area Lighting				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	N/A				
Warning Lights (in - use / do not enter)	N/A				
Battery packs (backup unit lighting)	Surface ceiling adjustable dual light heads	20	N/A	Vital	Circuited from same vital lighting circuit in room, on dedicated receptacle not listed under 'Power receptacle Locations'. Only required in Critical Care Areas
Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**		**Notes / Other Requirements**
Headwall Provider zone	1/0.5	1/0.5	1/0.5 1/1 (mobile x-ray)		Monitor circuits may only be shared with other monitors. When bed/stretcher is sideways against a wall, the headwall Provider zone requirements are at the Patient's head and the headwall Patient zone requirements are at the foot. Double the quantities of receptacles and circuits for Critical Care rooms
Headwall Patient zone	1/0.5	1/0.5			Double the quantities of receptacles and circuits for Critical Care rooms
Bed	1/0.5				As required by electric bed/stretcher
Ceiling Lift		1/0.5			
Boom					
Housekeeping		1/0.5			Near room entry but will not be on the door wall
General use (spacing / location specified)	1/0.5 counter GFCI receptacle at sink	1/0.5 per 1500mm of wall space			
Specialty, equipment specific					Additional receptacles and circuits to be provided for all items in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Nursing control zone					
Observation room or station or area or ante room					

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**
Basic Requirement	Required			**Clocks:** Yes
Headwall Provider zone	one (1) Patient station for each headwall location off centre towards the nursing side of the Patient bed in the room			**Public Address:** Yes
Headwall Patient zone	one (1) code blue station for each headwall location off centre towards the non-nursing side of the Patient bed in the room	All code blue stations to have a protective cover to prevent false alarms.		
Footwall				
General use (spacing / location specified)	one (1) Pull Cord at patient chair, connected to the patient station for audio capability			
Bed				
Boom				
Ceiling		GW ceiling rooms to have one (1) additional 2 - gang box stubbed to cable tray. Refer to Appendix 1B for locations with GW ceilings and refer to Schedule 1, Section 7.8.10		
Specialty, equipment specific	one (1) StaffVoIP workflow station at room entry			

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Room Template 4: Generic Inpatient High Acuity Units					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Direct/indirect (ceiling)	500	Patient zone (dimming), Room entry (dimming)	Conditional with selected Vital fixtures for safety	Illuminance targets must be met at hand hygiene sink when standing in front of it.
Exam Lighting, general	Ceiling (over abdomen)	1000	Provider zone (dimming), Observation window (dimming)	UPS	Local and remote outside room (observation window) controls
Exam or surgical lighting, specific medical equipment	N/A (equipment - specific)	N/A (equipment - specific)	Equipment - specific	UPS	Refer to equipment list, used where articulated light source needs to provide high light level with controlled beam
Bedside Staff light	Ceiling or wall - mount	100	Provider zone (dimming)	Vital	
Patient Reading light	Ceiling or wall - mount	300	Patient zone (dimming)	Vital	
Workstation lighting	N/A				
Night light	Wall - mount	30	Room Entry, Photosensor	Vital	Amber colour, located approximately 1200mm AFF on both sides of bed
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	Ceiling or wall - mount	300	Visitor/family zone (dimming)	Vital	
Shower	N/A				
Specialty Lighting	N/A				
Warning Lights (in - use / do not enter)	N/A				
Battery packs (backup unit lighting)	Surface ceiling adjustable dual light heads	20	N/A	Vital	Circuited from same vital lighting circuit in room, on dedicated receptacle not listed under 'Power receptacle Locations'. Only required in Critical Care Areas

Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**	**Notes / Other Requirements**
Headwall Provider zone				
Headwall Patient zone				
Bed		1/0.5		
Ceiling Lift		1/0.5		Ceiling Lift and bed in same room may share same circuit
Boom	4/3		4/3	Monitor circuit may only be shared with other monitors. Quantities are per boom
Housekeeping		1/1		Near room entry
General use (spacing / location specified)	1/0.5 per 3m of wall	1/0.5 per visitor/patient chair, workstation		Conditional power receptacle with USB Type3.0 outlets
Specialty, equipment specific				Additional receptacles and circuits to be provided for all items in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Nursing control zone				
Observation room or station or area or ante room	1 per 1m of wall/2 per circuit			Receptacles noted are in addition to standard workstation requirements

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**
Basic Requirement	Required			**Clocks:** Yes
Headwall Provider zone	one (1) Patient station for each headwall location off centre towards the nursing side of the Patient bed in the room one (1) Pillow Speaker			**Public Address** No
Headwall Patient zone	one (1) code blue station for each headwall location off centre towards the non-nursing side of the Patient bed in the room			
Footwall	Nurse Call Connection to display location.			
General use (spacing / location specified)	one (1) Pull Cord at patient chair, connected to the patient station for audio capability			
Bed		Patient bed locations to have one (1) additional 2 - gang box stubbed to cable tray		
Boom		When bed/stretcher is islanded, requirements for headwall are to be relocated to boom		
Ceiling		GW ceiling rooms to have one (1) additional 2 - gang box stubbed to cable tray. Refer to Appendix 1B for locations with GW ceilings and refer to Schedule 1, Section 7.8.10		
Specialty, equipment specific	one (1) Staff VoIP workflow station at room entry one (1) Audio pull cord station between toilet and sink one (1) pull cord station in the shower/tub area connected to the audio pull cord station.			

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Room Template 5: Generic Procedure Rooms					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Direct/indirect (ceiling)	500	Room entry (dimming)	Conditional with selected Vital fixtures for safety	Provide CDL lighting suitable for procedure room applications in Procedure Room - General and Procedure Room - Endoscopic. Illuminance targets must be met at hand hygiene sink when standing in front of it
Exam Lighting, general	Ceiling (over abdomen)	1000	Provider zone (dimming)	UPS	Over specific body part related to room specialty when applicable
Exam or surgical lighting, specific medical equipment	N/A (equipment - specific)	N/A (equipment - specific)	Equipment - specific	UPS	Refer to equipment list, used where articulated light source needs to provide high light level with controlled beam
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	Ceiling	750	At workstation (dimming)	Conditional	
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	Covered by General Area Lighting				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	N/A				
Warning Lights (in - use / do not enter)	Wall or ceiling mount in visible location	High visibility with ambient lighting on	Auto - energized by laser on	Vital	Required in rooms with laser
Battery packs (backup unit lighting)	Surface ceiling adjustable dual light heads	20	N/A	Vital	Circuited from same vital lighting circuit in room, on dedicated receptacle not listed under 'Power receptacle Locations'

Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**		**Notes / Other Requirements**
Headwall Provider zone	1/0.5		1/0.5		When bed/stretcher is sideways against a wall, the headwall Provider zone requirements are at the Patient's head and the headwall Patient zone requirements are at the foot Double the quantities of receptacles and circuits for Critical Care rooms
Headwall Patient zone	1/0.5		1/0.5		Double the quantities of receptacles and circuits for Critical Care rooms
Bed	1/0.5				Required only when electric bed/stretcher required in room
Ceiling Lift		1/0.5			Required only when Ceiling Lift required in room
Boom	3/1		3/1		Monitor circuits may only be shared with other monitors. Quantities are per boom.
Housekeeping		1/0.5			Near Room entry
General use (spacing / location specified)	1/0.5 counter GFCI receptacle at sink	1/0.5 per 3m of wall			
Specialty, equipment specific					Additional receptacles and circuits to be provided for all items in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Nursing control zone					
Observation room or station or area or ante room					

Division 27	**Nurse Call**	**Notes/Other Requirements**			**Additional Requirements/ Notes**
Basic Requirement	Required				**Clocks:** Yes
Headwall Provider zone	one (1) 4-button station				**Public Address:** No
Headwall Patient zone	one (1) code blue station				
Footwall					
General use (spacing / location specified)	one (1) 4-button station	Staff Assist/Code Station to be provided at each nursing control zone			
Bed		When bed/stretcher is islanded, requirements for headwall are to be relocated to boom			
Boom	one (1) 4-button station				
Ceiling		GW ceiling rooms to have one (1) additional 2 - gang box stubbed to cable tray. Refer to Appendix 1B for locations with GW ceilings and refer to Schedule 1, Section 7.8.10			
Specialty, equipment specific	one (1) Staff VoIP workflow station at nursing control zone				

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Room Template 6: Generic Stretcher Bay					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Indirect (ceiling)	500	Local (dimming)	Vital/Conditional	Alternate luminaire power source on Vital and Conditional.
Exam Lighting, general	Ceiling	1000	Local (dimming)	Vital/Conditional	Over specific body part related to room specialty when applicable. Exam lighting required in all stretcher bays, except for holding areas
Exam or surgical lighting, specific medical equipment	N/A (equipment - specific)	N/A (equipment - specific)	Equipment - specific	UPS	Refer to equipment list, used where articulated light source needs to provide high light level with controlled beam
Bedside Staff light	Covered by Exam Lighting				
Patient Reading light	N/A				
Workstation lighting	N/A				
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	N/A				
Warning Lights (in - use / do not enter)	N/A				
Battery packs (backup unit lighting)	N/A				

Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**	**Notes / Other Requirements**
Headwall Provider zone	1/0.5		2/1	Monitor circuit may only be shared with other monitors
Headwall Patient zone	1/0.5			Circuits may be shared with Provider zone
Bed		1/0.5		
Ceiling Lift		1/0.5		Ceiling Lift and bed in same stretcher bay may share same circuit
Boom				
Housekeeping		2/1		As required throughout department, minimum two (2) per six (6) bays
General use (spacing / location specified)	2/1			
Specialty, equipment specific				Additional receptacles and circuits to be provided for all items in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Nursing control zone				
Observation room or station or area or ante room				

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**
Basic Requirement	Required			**Clocks:** In corridor and visible from provider zone with curtains in open position
Headwall Provider zone	one (1) Patient station for each headwall location off centre towards the nursing side of the Patient bed in the room			**Public Address:** No
Headwall Patient zone	one (1) code blue station for each headwall location off centre towards the non-nursing side of the Patient bed in the room			
Footwall				
General use (spacing / location specified)				
Bed				
Boom				
Ceiling		GW ceiling rooms to have one (1) additional 2 - gang box stubbed to cable tray. Refer to Appendix 1B for locations with GW ceilings and refer to Schedule 1, Section 7.8.10		
Specialty, equipment specific	one (1) StaffVoIP workflow station at room entry			

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Room Template 7: Generic Operating Room (OR), Trauma					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Direct (ceiling)	750 / 1000 (for Trauma Room)	Nursing control zone (dimming), Room entry (dimming)	75% Vital, 25% UPS	Provide CDL lighting suitable for surgical OR/trauma room applications. No part of room less than 500lux
Exam Lighting, general	Ceiling (over operating table)	1000 / 5000 (for Trauma Room)	Nursing control zone (dimming)	UPS	
Exam or surgical lighting, specific medical equipment	N/A (equipment - specific)	N/A (equipment - specific)	Equipment - specific	UPS	Refer to equipment list, used where articulated light source needs to provide high light level with controlled beam
Bedside Staff light	Ceiling	300	Nursing control zone (dimming)	Vital	Controlled beam to avoid spill light to rest of room
Patient Reading light	N/A				
Workstation lighting	N/A				
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	Ceiling	As required for clinical needs	Nursing control zone (dimming)	Vital	N/A
Warning Lights (in - use / do not enter)	Wall or ceiling mount in visible location outside entry doors	High visibility with ambient lighting on	Auto - energized by equipment & switch at nursing control zone	Vital	
Battery packs (backup unit lighting)	Surface ceiling adjustable dual light heads	20	N/A	Vital	Circuited from same vital lighting circuit in room, on dedicated receptacle not listed under 'Power receptacle Locations'

Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**	**Notes / Other Requirements**
Headwall Provider zone	3/3		3/3	
Headwall Patient zone				
Bed				
Ceiling Lift		1/1		
Boom	2/2		6/3 (general) 1/1 (L6 - 30R receptacle, for laser)	Quantities are per boom.
Housekeeping	1/1			Near room entry, additional receptacles as required for coverage
General use (spacing / location specified)	1/0.5 per 1 m of wall	1/0.5 per 1 m of wall		Group vital and conditional receptacles in quadplex at every 1m
Specialty, equipment specific			3/1 per touch down workstation (in addition to normal workstation requirements)	Additional receptacles and circuits to be provided for each item in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist. Locate equipment receptacles beside grouped wall receptacles as much as possible
Nursing control zone	2/1		1/1	
Observation room or station or area or ante room				

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**	
Basic Requirement	Required			**Clocks:**	One elapsed time clock with count up/down timer and one standard 24 hour clock
Headwall Provider zone	one (1) 4-button station one (1) code blue button			**Public Address:**	No
Headwall Patient zone					
Footwall					Refer to the SOR for additional requirement
General use (spacing / location specified)	one (1) 4-button station one (1) code blue button				
Bed					
Boom	one (1) 4-button station one (1) code blue button				
Ceiling		GW ceiling rooms to have one (1) additional 2 - gang box stubbed to cable tray. Refer to Appendix 1B for locations with GW ceilings and refer to Schedule 1, Section 7.8.10			
Specialty, equipment specific	one (1) Staff VoIP workflow station and one (1) 4-button station at each nursing control zone and one (1) 4-button station near the door exiting into the race track				

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Room Template 8: Radiation Treatment Bunker (RT)					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Indirect (architectural cove) and ceiling mounted downlight around perimeter	500	Room entry (dimming, zone cove light separately from downlight), Control room (dimming, zone cove light separately from downlight)	Conditional with selected UPS fixtures for safety	Illuminance targets must be met at hand hygiene sink when standing in front of it, no part of room less than 300lux
Exam Lighting, general	N/A				
Exam or surgical lighting, specific medical equipment	N/A (equipment - specific)	N/A (equipment - specific)	Equipment - specific	UPS	Refer to equipment list, used where articulated light source needs to provide high light level with controlled beam
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	N/A				
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	Luminous backlit LED skylights and virtual backlit LED windows	500	Control room (dimming), Control with the linear accelerator couch (switch off when the couch is activated)	Vital	Ceiling skylight over entire gantry in pre - scan position
Warning Lights (in - use / do not enter)	Wall or ceiling mount in visible location outside entry	High visibility with ambient lighting on	Auto - energized by Equipment & switch at room entry	Vital	Refer to SOR for additional requirements
Battery packs (backup unit lighting)	Surface ceiling adjustable dual light heads	20	N/A	Vital	Circuited from same vital lighting circuit in room, on dedicated receptacle not listed under 'Power receptacle Locations'
Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**		**Notes / Other Requirements**
Headwall Provider zone					
Headwall Patient zone					
Bed					
Ceiling Lift					
Boom					
Housekeeping		1/0.5			Near room entry
General use (spacing / location specified)	1/0.3 per 3m of wall, 1/0.5 counter receptacle		2/1		
Specialty, equipment specific					Additional receptacles and circuits to be provided for each item in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Nursing control zone					
Observation room or station or area or ante room					Refer to control room requirements

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**	
Basic Requirement	Required			**Clocks:**	One in room and readily visible from control room and gantry
Headwall Provider zone	one (1) 4-button station			**Public Address:**	Yes
Headwall Patient zone					
Footwall				Refer to the SOR for warning lights, last-person-out, cameras, warning lights systems and other manufacturer's system requirements	
General use (spacing / location specified)	one (1) 4-button station				
Bed					
Boom	one (1) 4-button station				
Ceiling		GW ceiling rooms to have one (1) additional 2 - gang box stubbed to cable tray. Refer to Appendix 1B for locations with GW ceilings and refer to Schedule 1, Section 7.8.10			
Specialty, equipment specific	one (1) StaffVoIP workflow station at room entry				

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Room Template 9: Generic Computed Tomography Scan Room (CT)					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Indirect (ceiling)	500	Room entry (dimming), Control room (dimming)	Conditional with selected Vital fixtures for safety	
Exam Lighting, general	Ceiling (over entire body)	1000	Room entry (dimming), Control room (dimming)	UPS	This function could be integrated with vision panels
Exam or surgical lighting, specific medical equipment	N/A (equipment - specific)	N/A (equipment - specific)	Equipment - specific	UPS	Refer to equipment list, used where articulated light source needs to provide high light level with controlled beam
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	N/A				
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	Luminous backlit LED skylights and virtual backlit LED windows	500	Control room (dimming)	Vital	Ceiling skylight over entire gantry in pre - scan position
Warning Lights (in - use / do not enter)	Wall or ceiling mount in visible location outside entry doors	High visibility with ambient lighting on	Auto - energized by Equipment & switch at room entry	Vital	
Battery packs (backup unit lighting)	Surface ceiling adjustable dual light heads	20	N/A	Vital	Circuited from same vital lighting circuit in room, on dedicated receptacle not listed under 'Power Receptacle Locations'

Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**	**Notes / Other Requirements**
Headwall Provider zone	2/1		2/1	
Headwall Patient zone				
Bed				
Ceiling Lift		1/0.5		Ceiling Lift connection
Boom				Additional receptacles and circuits to be provided for each item in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Housekeeping		1/0.5		Near room entry
General use (spacing / location specified)	1/0.3 per 3m of wall, 1/0.5 per 2m of counter			
Specialty, equipment specific				Additional receptacles and circuits to be provided for each item in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Nursing control zone				
Observation room or station or area or ante room				Refer to imaging control room requirements

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**
Basic Requirement	Required			**Clocks:** One in CT room and readily visible from control room and gantry
Headwall Provider zone	one (1) 4-button station			**Public Address:** No
Headwall Patient zone				
Footwall				Refer to the SOR for warning lights, last-person-out, cameras, intercom, warning lights systems and other manufacturer's system requirements
General use (spacing / location specified)	one (1) 4-button station			
Bed				
Boom	one (1) 4-button station			
Ceiling		GW ceiling rooms to have one (1) additional 2 - gang box stubbed to cable tray. Refer to Appendix 1B for locations with GW ceilings and refer to Schedule 1, Section 7.8.10		
Specialty, equipment specific	one (1) StaffVoIP workflow station at room entry			

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Room Template 10: Generic Magnetic Resonance Imaging Room (MRI)					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Indirect (ceiling)	500	Room entry (dimming), Control room (dimming)	Conditional with selected Vital fixtures for safety	No part of room less than 300lux
Exam Lighting, general	Ceiling (over entire body)	1000	Room entry (dimming), Control room (dimming)	UPS	This function could be integrated with vision panels
Exam or surgical lighting, specific medical equipment	N/A				
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	N/A				
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	Luminous backlit LED skylights and virtual backlit LED windows	500	Control room (dimming)	Vital	Ceiling skylight over entire gantry in pre - scan position
Warning Lights (in - use / do not enter)	Wall or ceiling mount in visible location outside entry doors	High visibility with ambient lighting on	Auto - energized by Equipment & switch at room entry	Vital	
Battery packs (backup unit lighting)	Surface ceiling adjustable dual light heads	20	N/A	Vital	Circuited from same vital lighting circuit in room, on dedicated receptacle not listed under 'Power receptacle Locations'
Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**		**Notes / Other Requirements**
Headwall Provider zone					
Headwall Patient zone					
Bed					
Ceiling Lift		1/0.5			Ceiling Lift connection
Boom					
Housekeeping		1/0.5			Outside of room near entry door
General use (spacing / location specified)	4/2				On 3 different walls
Specialty, equipment specific					Additional receptacles and circuits to be provided for each item in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Nursing control zone					
Observation room or station or area or ante room					Refer to Imaging Control Room room template

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**
Basic Requirement	Required			**Clocks:** In control room only (visible from gantry)
Headwall Provider zone				**Public Address:** No
Headwall Patient zone				
Footwall				Refer to the SOR for warning lights, cameras, intercom, warning lights systems and other manufacturer's system requirements
General use (spacing / location specified)	one (1) 4-button station	Located outside the room by door as no nurse call devices permitted in the MRI.		
Bed				
Boom				
Ceiling		GW ceiling rooms to have one (1) additional 2 - gang box stubbed to cable tray. Refer to Appendix 1B for locations with GW ceilings and refer to Schedule 1, Section 7.8.10		
Specialty, equipment specific				

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Room Template 11: Generic Medical Imaging Room (Ultrasound, Mammography Diagnostic)					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Indirect (ceiling)	500	Room entry (switch), Workstation (dimming)	Conditional with selected Vital fixtures for safety	Illuminance targets must be met at hand hygiene sink when standing in front of it
Exam Lighting, general	Ceiling (over abdomen)	1000	Provider zone (dimming)	UPS	Over specific body part related to room specialty when applicable
Exam or surgical lighting, specific medical equipment	N/A				
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	covered by General Area Lighting				
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	N/A				
Warning Lights (in - use / do not enter)	N/A				
Battery packs (backup unit lighting)	N/A				

Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**	**Notes / Other Requirements**
Provider zone	1/0.5 (general) 1/0.5 (for monitor)	1/0.5	1/1 per each piece of equipment (ultrasound/echocardiogram)	Monitor circuits may only be shared with other monitors. Ultrasound or Echocardiagram circuits may only be shared with other Ultrasound or Echocardiagram receptacles at the same patient location. When bed/stretcher is sideways against a wall, the headwall Provider zone requirements will be at the Patient's head and the headwall Patient zone will be at the foot.
Patient zone	1/0.5 (general)	1/0.5	1/1 per each piece of equipment (ultrasound/echocardiogram)	Ultrasound or Echocardiagram circuits may only be shared with other Ultrasound or Echocardiagram receptacles at the same patient location.
Bed		1/0.5		Electric bed/stretcher as required in room
Ceiling Lift		1/0.5		Ceiling Lift as required
Boom				
Housekeeping		1/0.5		Near room entry
General use (spacing / location specified)	1/0.5 counter GFCI receptacle at sink	1/0.5 per 3m of wall		
Specialty, equipment specific				Additional receptacles and circuits to be provided for each item in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Nursing control zone				
Observation room or station or area or ante room				

Division 27	**Nurse Call**	**Notes/Other Requirements**			**Additional Requirements/ Notes**
Basic Requirement	Required				**Clocks:** One at foot of bed and visible from provider zone
Provider zone	one (1) Patient station				**Public Address:** No
Patient zone	one (1) code blue station				
Footwall					
General use (spacing / location specified)	one (1) Pull Cord at patient chair, connected to the patient station for audio capability	Wall - mounted display locations to have one (1) additional 2 - gang box connected to 2 - gang box behind display			
Bed					
Boom					
Ceiling		GW ceiling rooms to have one (1) additional 2 - gang box stubbed to cable tray. Refer to Appendix 1B for locations with GW ceilings and refer to Schedule 1, Section 7.8.10			
Specialty, equipment specific	one (1) StaffVoIP workflow station at room entry				

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Room Template 12: Generic Imaging Control Room					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Indirect (ceiling)	500	Room Entry and Control Desk (dimming)	Conditional with selected Vital fixtures for safety	Remote dimming control required at control desk for associated imaging room as well as control room
Exam Lighting, general	N/A				
Exam or surgical lighting, specific medical equipment	N/A				
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	Direct/indirect (ceiling)	500	At workstation (dimming)	Vital	Lighting in control area, separate control for fixtures above countertop at control room window
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	Direct	200	At workstation (dimming)	Vital	Lighting above countertop at control room window, undercabinet lighting
Warning Lights (in - use / do not enter)	Wall or ceiling mount visible from the control desk	High visibility with ambient lighting on	Auto - energized by Equipment & switch at room entry	Vital	Interconnected with the Imaging Room warning light system
Battery packs (backup unit lighting)	N/A				

Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**	**Notes / Other Requirements**
Headwall Provider zone				
Headwall Patient zone				
Bed				
Ceiling Lift				
Boom				
Housekeeping		1/0.5		Near entry door
General use (spacing / location specified)	1/0.5 per 2m of wall, 1/0.5 counter			Receptacles noted are in addition to standard workstation requirements. Minimum of one receptacle per wall.
Specialty, equipment specific				Additional receptacles and circuits to be provided for each item in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Nursing control zone				
Observation room or station or area or ante room				

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**
Basic Requirement	Required	Not required for Cyclotron Control Room		**Clocks:** One in imaging room and readily visible from control room and gantry (except in MRI control room, where clock is to be located in control room and visible from gantry)
Headwall Provider zone				**Public Address:** No
Headwall Patient zone				
Footwall				Refer to the corresponding imaging rooms for warning lights, last-person-out, cameras, intercom, warning lights systems and other manufacturer's system requirements
General use (spacing / location specified)	one (1) 4-button station			
Bed				
Boom				
Ceiling				
Specialty, equipment specific	one (1) Staff VoIP workflow station at nursing control zone			

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Room Template 13: Gen Rad					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Indirect (ceiling)	750	Room entry (switch), Workstation (dimming)	Conditional with selected Vital fixtures for safety	
Exam Lighting, general	Ceiling (over abdomen)	1000	Provider zone (dimming)	UPS	Over specific body part related to room specialty when applicable
Exam or surgical lighting, specific medical equipment	N/A				
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	covered by General Area Lighting				
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	N/A				
Warning Lights (in - use / do not enter)	Wall or ceiling mount in visible location outside entry doors	High visibility with ambient lighting on	Auto - energized by Equipment & switch at room entry	Vital	
Battery packs (backup unit lighting)	N/A				

Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**	**Notes / Other Requirements**
Headwall Provider zone				
Headwall Patient zone				
Bed				
Ceiling Lift		1/0.5		Ceiling Lift as required
Boom				
Housekeeping		1/0.5		Near room entry
General use (spacing / location specified)	1/0.3 per 3m of wall, 1/0.5 counter GFCI receptacle at sink			One receptacle positioned close to gantry (midway) on sidewall, and one on each end wall
Specialty, equipment specific				Additional receptacles and circuits to be provided for each item in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Nursing control zone				
Observation room or station or area or ante room				

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**	
Basic Requirement	Required			**Clocks:**	One in imaging room and readily visible from control room and gantry
Headwall Provider zone	one (1) Patient station			**Public Address:**	No
Headwall Patient zone	one (1) code blue station				
Footwall					
General use (spacing / location specified)	one (1) Pull Cord at patient chair, connected to the patient station for audio capability				
Bed					
Boom					
Ceiling		GW ceiling rooms to have one (1) additional 2 - gang box stubbed to cable tray. Refer to Appendix 1B for locations with GW ceilings and refer to Schedule 1, Section 7.8.10			
Specialty, equipment specific	one (1) StaffVoIP workflow station at room entry				

Room Template 14: Generic Laboratory (Lab) Spaces					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Direct/indirect (ceiling), over lab bench/counter	750	Entry doors (dimming)	50% Vital, 50% Conditional	Illuminance targets must be met at hand hygiene sink when standing in front of it; when specifically noted in CSA Z317.5, lab types may reduce lighting levels accordingly.
Exam Lighting, general	N/A				
Exam or surgical lighting, specific medical equipment	N/A (equipment - specific)	N/A (equipment - specific)	Equipment - specific	UPS	Refer to equipment list, used where articulated light source needs to provide high light level with controlled beam
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	covered by General Area Lighting				
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	Benchtop	1000	Benchtop (dimming) - per workspace	50% Vital, 50% Conditional	Plate reading, 1% dimming in microscope areas
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	Undercabinet	200	Millwork - local (dimming) - per bench	Vital	Undercabinet where upper millwork exists
Warning Lights (in - use / do not enter)	N/A				
Battery packs (backup unit lighting)	N/A				
Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**		**Notes / Other Requirements**
Headwall Provider zone					
Headwall Patient zone					
Bed					
Ceiling Lift					
Boom					
Housekeeping		1/0.3			Receptacles throughout the department/room
General use (spacing / location specified)	1/0.5 per 0.75m of lab bench/counter 1/0.5 per 0.75m of wall/column width		1/0.5 per 0.75m of lab bench/counter 1/0.5 per 0.75m of wall/column width		Multi - compartment raceway to support two separate power sources, as well as a telecom section. Wall/column outlets for equipment in areas where there is useable horizontal space (300mm minimum) without benches or counters
Specialty, equipment specific	1/1 specialty outlet per 2m of lab bench/counter		1/1 specialty outlet per 2m of lab bench/counter 1/1 (for monitor)		The intent of the specialty outlet requirement is to allow for other than 120V, 15/20A equipment at benches - outlet type to be determined in consultation with the Authority. Additional outlets and circuits to be provided for each item in equipment list not specifically listed in this template, except mobile items where sufficient general use outlets exist
Nursing control zone					
Observation room or station or area or ante room					

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**
Basic Requirement	Not Required			**Clocks:** One visible from every lab bench location
Headwall Provider zone				**Public Address:** Yes
Headwall Patient zone				
Footwall				
General use (spacing / location specified)				
Bed				
Boom				
Ceiling				
Specialty, equipment specific				

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Room Template 15: Generic Care Team Stations					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Direct/indirect (ceiling)	500	Entry and CTS desk at three locations (dimming)	Conditional with selected Vital fixtures for safety	Remote controls for associated corridors to be located at Care Team Stations.
Exam Lighting, general	N/A				
Exam or surgical lighting, specific medical equipment	N/A				
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	Direct/indirect (ceiling suspended)	750	Dimming	Vital	In Care Team Stations with two or fewer workstations, workstation lighting may be provided by the general area lighting
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	Direct (ceiling)	N/A	Separate control system for dynamic skylight	Conditional	Provide dynamic skylight in the CTS as per SOR.
Warning Lights (in - use / do not enter)	N/A				
Battery packs (backup unit lighting)	N/A				

Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**	**Notes / Other Requirements**
Headwall Provider zone				
Headwall Patient zone				
Bed				
Ceiling Lift				
Boom				
Housekeeping		1/0.5		Receptacles throughout the CTS
General use (spacing / location specified)	1/0.5 per 2m of wall, 1/0.25 per 0.5m of counter with USB type 3.0 charging at each workstation, 1/0.5 counter GFCI receptacle at sink		1/0.25 per 0.5m of counter with USB type 3.0 charging at each workstation, ganged with Vital for quadplex	One half of the counter receptacles to be below counter and the other half above counter.
Specialty, equipment specific			2/1	Two receptacles on one circuit for the Cancer Center CTS only. Additional receptacles and circuits to be provided for each item in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist. 8 USB charging ports required at each designated mobile device charging location.
Nursing control zone				
Observation room or station or area or ante room				

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**
Basic Requirement	Required			**Clocks:** in location(s) to be visible from everywhere in the Care Team Station
Headwall Provider zone				**Public Address:** Yes
Headwall Patient zone				
Footwall				Refer to the SOR for additional requirements
General use (spacing / location specified)	two (2) 4-button stations two (2) code blue stations			
Bed				
Boom				
Ceiling				
Specialty, equipment specific	Staff Console	May require more than one depending on size.		

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Room Template 16: Generic Offices				
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Indirect (ceiling)	500	Entry (dimming)	Conditional/Vital	
Exam Lighting, general	N/A				
Exam or surgical lighting, specific medical equipment	N/A				
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	Indirect (ceiling)	750	At workstation (dimming)	Vital	For single occupancy offices, workstation lighting may be provided by the general area lighting
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	Under desk/low level	100	At workstation (dimming)	Vital	Required in imaging offices used as reading rooms and offices used for microscopy
Warning Lights (in - use / do not enter)	N/A				
Battery packs (backup unit lighting)	N/A				

Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**	**Notes / Other Requirements**
Headwall Provider zone				
Headwall Patient zone				
Bed				
Ceiling Lift				
Boom				
Housekeeping		1/0.5		Near room entry
General use (spacing / location specified)	1/0.25 per 2m of wall, 1/0.5 per 1m of counter		1/0.5 per 1m of counter, ganged with Vital for quadplex	Refer to SOR for office/workstation receptacle requirments.
Specialty, equipment specific				Additional receptacles and circuits to be provided for each item in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Nursing control zone				
Observation room or station or area or ante room				

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**
Basic Requirement	Not Required			**Clocks:** N/A
Headwall Provider zone				**Public Address:** Yes
Headwall Patient zone				
Footwall				
General use (spacing / location specified)				
Bed				
Boom				
Ceiling				
Specialty, equipment specific				

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Room Template 17: Generic Workstations					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Indirect (ceiling)	500	Entry (dimming)	Vital with selected Conditional fixtures for redundancy	Controls to include remote control of associated corridors, including dimming. Indirect linear luminaires at Interprofessional Team Workroom , dimmable but programmed to ON/OFF only.
Exam Lighting, general	N/A				
Exam or surgical lighting, specific medical equipment	N/A				
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	Direct/Indirect (ceiling)	750	At workstation (dimming)	Vital	For single workstation spaces, workstation lighting may be provided by the general area lighting. Minimize glare on PACS workstation displays
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	Under desk/low level	100	At workstation (dimming)	Vital	Lowlevel kickspace lighting is required at individual PACS workstations
Warning Lights (in - use / do not enter)	N/A				
Battery packs (backup unit lighting)	N/A				
Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**		**Notes / Other Requirements**
Headwall Provider zone					
Headwall Patient zone					
Bed					
Ceiling Lift					
Boom					
Housekeeping		1/0.5			Near room entry
General use (spacing / location specified)	1/0.5 per 2m of wall, 1/0.5 per 1m of counter	1/0.5 per 1m of counter, Quadplex with Vital			Refer to SOR for workstation receptacle requirments; one half of the counter receptacles to be below counter and the other half above counter, at 0.5m spacing with half on vital and half on conditional.
Specialty, equipment specific	4/2 per room				Additional receptacles and circuits to be provided for each item in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Nursing control zone					
Observation room or station or area or ante room					

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**
Basic Requirement	As Appropriate			**Clocks:** in location(s) to be visible from everywhere in room
Headwall Provider zone				**Public Address:** Yes
Headwall Patient zone				
Footwall				
General use (spacing / location specified)	Annunciation Panels where required			
Bed				
Boom				
Ceiling				
Specialty, equipment specific				

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Room Template 18: Decontamination Room					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Direct/indirect (ceiling)	500	Ante-Room Exit and Entry, and in Observation Room (dimming)	Vital	Provide vapour tight luminaires
Exam Lighting, general	Direct/indirect (ceiling)	1000	Ante-Room Exit and Entry, and in Observation Room (dimming)	UPS	Provide vapour tight luminaires
Exam or surgical lighting, specific medical equipment	N/A				
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	N/A				
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	N/A				
Warning Lights (in - use / do not enter)	N/A				
Battery packs (backup unit lighting)	N/A				

Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**	**Notes / Other Requirements**
Headwall Provider zone	2/1		2/1	Weatherproof
Headwall Patient zone	1/0.5		1/0.5	Weatherproof
Bed				
Ceiling Lift		1/0.5		
Boom				
Housekeeping		1/0.5		GFCI, Near room entry, weatherproof in-use enclosure
General use (spacing / location specified)	1/0.5 per 2m of wall	1/0.3 per 2m of wall		Receptacles noted are in addition to standard workstation requirements, one half of counter receptacles to be above counter and the other half below
Specialty, equipment specific				Additional receptacles and circuits to be provided for each item in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Nursing control zone				
Observation room or station or area or ante room	1/0.5	1/0.5		Adjacent observation room

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**
Basic Requirement				**Clocks:** in location(s) to be visible from everywhere in room
Headwall Provider zone		Weatherproof		**Public Address:** Yes
Headwall Patient zone				
Footwall				Refer to the SOR for additional requirements
General use (spacing / location specified)	one (1) 4-button station one (1) code blue station	Weatherproof		
Bed				
Boom				
Ceiling				
Specialty, equipment specific	one (1) 4-button station at room entry	Weatherproof		

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Room Template 19: Rehabilitation Rooms					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Direct/indirect (ceiling)	300	Room Entry (dimming, zones)	Conditional with selected Vital fixtures for safety	Select fixtures with low glare or indirect in areas where patients could be facing the ceiling
Exam Lighting, general	N/A				
Exam or surgical lighting, specific medical equipment	N/A				
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	Ceiling	750	At workstation (dimming)	Conditional	
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	Undercabinet	200	Millwork - local (dimming)	Conditional	Undercabinet where upper millwork exists
Warning Lights (in - use / do not enter)	N/A				
Battery packs (backup unit lighting)	N/A				
Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**		**Notes / Other Requirements**
Headwall Provider zone	2/1		2/1		
Headwall Patient zone					
Bed					
Ceiling Lift		1/0.5			Required for each Ceiling Lift
Boom					
Housekeeping		1/0.5			Near room entry
General use (spacing / location specified)	1/0.3 per 1.5m of wall, 1/0.5 per 1.5m of counter, flush floor receptacles such that no piece of equipment is more than 2m from a Vital receptacle, with a minimum quantity of three floor receptacles per room	1/0.3 per 1.5m of wall, 2/1 per 1.5m of counter, flush floor receptacles such that no piece of equipment is more than 2m from a Conditional receptacle ith a minimum quantity of three floor receptacles per room			Receptacles noted are in addition to standard workstation requirements, one half of counter receptacles to be above counter and the other half below. Combine Vital and Conditional receptalces in a Quadplex
Specialty, equipment specific					Additional receptacles and circuits to be provided for each item in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Nursing control zone					
Observation room or station or area or ante room					

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**	
Basic Requirement	Required			**Clocks:**	In location(s) to be visible from everywhere in room
Headwall Provider zone				**Public Address:**	Yes
Headwall Patient zone					
Footwall					
General use (spacing / location specified)	one (1) 4-button station at each patient care area with minimum quantity of two per room Code blue stations as required depending on room size				
Bed					
Boom					
Ceiling					
Specialty, equipment specific	Annunciator Panel at CTS/nursing zone				

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Room Template 20: Clinical Support Rooms					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Direct/indirect (ceiling)	750	At each zone entry (dimming)	Conditional with selected Vital fixtures for safety	Provide CDL lighting for in all Ante Rooms leading to clean areas , Dimming capable but programmed to ON/OFF for Hazardous Drug Dispensing
Exam Lighting, general	N/A				
Exam or surgical lighting, specific medical equipment	N/A				
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	Ceiling	750	At workstation (dimming)	Conditional	Where required
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	N/A				
Warning Lights (in - use / do not enter)	N/A				
Battery packs (backup unit lighting)	N/A				

Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**	**Notes / Other Requirements**
Headwall Provider zone				
Headwall Patient zone				
Bed				
Ceiling Lift				
Boom				
Housekeeping		1/0.5		In each room near room entry
General use (spacing / location specified)	1/0.5 per 3m of wall with minimum of 1 per wall, 2/1 per 2m of counter/bench	1/0.3 per 2m of wall with minimum of 1 per wall, 2/1 per 2m of counter/bench		Receptacles noted are in addition to standard workstation and equipment charging requirements, one half of counter receptacles to be above counter and the other half below. MDR workstations for sorting and inspection to have additional flush ceiling mounted twistlock receptacles on dedicated circuits from each of vital, conditional, and UPS, with matching extension drops to duplex receptacles in PVC receptacle boxes suspended 300mm above countertop. Provide one set of these receptacles and extensions for each 2.5m length of bench/counter, arranged such that the cable drop will be offset at the ceiling with a gripping and strain relief mechanism such that the drop can be aligned exactly where needed
Specialty, equipment specific				Additional receptacles and circuits to be provided for each item in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Nursing control zone				
Observation room or station or area or ante room				

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**	
Basic Requirement	Required			Clocks:	In location(s) to be visible from everywhere in room, not required in rooms smaller than 10 square metres
Headwall Provider zone				Public Address:	Yes
Headwall Patient zone					
Footwall					
General use (spacing / location specified)					
Bed					
Boom					
Ceiling					
Specialty, equipment specific	one (1) 4-button station in Medication rooms.				

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Room Template 21: Patient Support Rooms					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Direct/indirect (ceiling)	300	At each zone entry (dimming to 1%) And additional control station at patient/staff seating location in Consult Room only	Conditional/Vital	Provide additional control zone for lighting in front of displays/monitors.
Exam Lighting, general	N/A				
Exam or surgical lighting, specific medical equipment	N/A				
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	Direct/indirect (ceiling)	500	At workstation (dimming)	Conditional	
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	N/A				
Warning Lights (in - use / do not enter)	N/A				
Battery packs (backup unit lighting)	N/A				
Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**		**Notes / Other Requirements**
Headwall Provider zone					
Headwall Patient zone					
Bed					
Ceiling Lift					
Boom					
Housekeeping		1/0.5			Near room entry
General use (spacing / location specified)	1/0.5 per 3m of wall, 2/1 per 2m of counter	1/0.3 per 2m of wall, 2/1 per 2m of counter			Combine Vital and Conditional in Quadplex, receptacles noted are in addition to standard workstation requirements, one half of counter receptacles to be above counter and the other half below Minimum one general use quadplex on each wall
Specialty, equipment specific					Additional receptacles and circuits to be provided for each item in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Nursing control zone					
Observation room or station or area or ante room					

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**
Basic Requirement	Required			**Clocks:** In location(s) to be visible from everywhere in room
Headwall Provider zone				**Public Address:** Yes
Headwall Patient zone				
Footwall				
General use (spacing / location specified)				Refer to the SOR for additional requirements
Bed				
Boom				
Ceiling				
Specialty, equipment specific	one (1) to two (2) 4-button stations	Two 4-button stations in the Group Room and Consult Room - Large		

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Room Template 22: Technical Support Rooms					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Indirect (ceiling)	500	Entry (dimming)	Vital with selected Conditional fixtures for redundancy	
Exam Lighting, general	N/A				
Exam or surgical lighting, specific medical equipment	N/A (equipment - specific)	N/A (equipment - specific)	Equipment - specific	UPS	Refer to equipment list, used where articulated light source needs to provide high light level with controlled beam. Required in Workroom - Transfusion Medicine
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	Direct/Indirect (ceiling)	750	At workstation (dimming)	Vital	For single workstation spaces, workstation lighting may be provided by the general area lighting.
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	Under desk/low level	100	At workstation (dimming)	Vital	Lowlevel kickspace lighting
Warning Lights (in - use / do not enter)	N/A				
Battery packs (backup unit lighting)	N/A				

Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**	**Notes / Other Requirements**
Headwall Provider zone				
Headwall Patient zone				
Bed				
Ceiling Lift				
Boom				
Housekeeping		1/0.5		Near room entry
General use (spacing / location specified)	1/0.5 per 1.5m of wall, 2/1 per 2m of counter/bench In Command Centre U6.01 only, 1/0.5 per 3m of wall, 1/0.5 per 3m of counter/bench	1/0.3 per 1.5m of wall, 2/1 per 2m of counter/bench with minimum of 8 receptacles per bench	In Command Centre U6.01 only, 1/0.3 per 1.5m of wall, 2/1 per 2m of counter/bench with minimum of 8 receptacles per bench	Combine Vital and Conditonal in a Quadplex, receptacles noted are in addition to standard workstation requirements, one half of counter receptacles to be above counter and the other half below. U6.01 Command Centre receptacles will be fed from clinical UPS and vital power only
Specialty, equipment specific				Additional receptacles and circuits to be provided for each item in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist. Provide at least one receptacle of each type used by equipment that will be maintained or tested in the room (e.g laser receptacles, other specialty biomed equipment)
Nursing control zone				
Observation room or station or area or ante room				

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**	
Basic Requirement	Not Required			**Clocks:**	Yes
Headwall Provider zone				**Public Address:**	Yes
Headwall Patient zone					
Footwall					
General use (spacing / location specified)					
Bed					
Boom					
Ceiling					
Specialty, equipment specific					

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Room Template 23: Morgue Workroom					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Direct/indirect (ceiling)	1000	Room entry (on-off)	Conditional with selected Vital fixtures for safety	Illuminance targets must be met at hand hygiene sink when standing in front of it
Exam Lighting, general	Ceiling (over abdomen)	5000	Provider zone (on-off)	UPS	
Exam or surgical lighting, specific medical equipment	N/A				
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	Ceiling	750	At workstation (on-off)	Conditional	
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	N/A				
Warning Lights (in - use / do not enter)	N/A				
Battery packs (backup unit lighting)	N/A				

Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**	**Notes / Other Requirements**
Headwall Provider zone				
Headwall Patient zone				
Bed	2/1		2/1	
Ceiling Lift		1/0.5		Ceiling Lift connection as required
Boom				
Housekeeping		1/0.5		Near room entry door
General use (spacing / location specified)	2/1 counter GFCI receptacle at sink	1/0.5 per 3m of wall		Minimum one on each wall
Specialty, equipment specific				Additional receptacles and circuits to be provided for all items in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Nursing control zone				
Observation room or station or area or ante room				

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**
Basic Requirement	Not required		Clocks:	Yes
Headwall Provider zone			Public Address:	Yes
Headwall Patient zone				
Footwall				Refer to the SOR for additional requirements
General use (spacing / location specified)	one (1) 4-button station			
Bed				
Boom				
Ceiling				
Specialty, equipment specific				

APPENDIX 1N - ELECTRICAL AND COMMUNICATIONS MATRIX

Room Template 24: Sacred Space					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Ceiling Indirect	500	At two different locations with one at the entry (dimming to 1%), Provide minimum two lighting control zones - front and back	Conditional	
Exam Lighting, general	N/A				
Exam or surgical lighting, specific medical equipment	N/A				
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	N/A				
Night light	N/A				
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	Architectural Cove	300	At two different locations with one at the entry (dimming to 1%), Separate zone as General Area Lighitng	Vital	Provide tunable correlated color temperature (2200k to 5500k) lighting for the architectural cove
Warning Lights (in - use / do not enter)	N/A				
Battery packs (backup unit lighting)	N/A				
Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**		**Notes / Other Requirements**
Headwall Provider zone					
Headwall Patient zone					
Bed					
Ceiling Lift					
Boom					
Housekeeping		2/1			Two different locations with one at the entry
General use (spacing / location specified)	1/0.25 per 2m of wall, 2/0.5 per 1m of counter		2/0.5 per 1m of counter, ganged with Vital for quadplex		
Specialty, equipment specific					Additional receptacles and circuits to be provided for each item in equipment list not specifically listed in this template, except mobile items where sufficient general use receptacles exist
Nursing control zone					
Observation room or station or area or ante room					

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**
Basic Requirement	Not Required		Clocks:	N/A
Headwall Provider zone			Public Address:	No
Headwall Patient zone				
Footwall				Refer to the SOR for additional requirements
General use (spacing / location specified)	one (1) code blue station			
Bed				
Boom				
Ceiling				
Specialty, equipment specific				

APPENDIX 1N - ELECTRICAL AND COMMUNICATIONS MATRIX

Room Template 25: Secure Room					
Lighting Function Types	**Lighting method (direct, indirect, wall - mount, ceiling - mount)**	**Illuminance Targets (minimum average lux)**	**Local Controls**	**Power Source**	**Notes / Other Requirements**
General Area Lighting	Direct (ceiling)	500	Dimming in the Anteroom - Secure Room by Secure Room entry and remote via controls in the Care Team Station	50% Vital 50% UPS	Anti-ligature, vandal resistant. Refer to the SOR for additional requirements
Exam Lighting, general	N/A				
Exam or surgical lighting, specific medical equipment	N/A				
Bedside Staff light	N/A				
Patient Reading light	N/A				
Workstation lighting	N/A				
Night light	Ceiling	30	On/Off in the Anteroom - Secure Room by Secure Room entry and remote via controls in the Care Team Station	Vital	Anti-ligature, vandal resistant. Amber colour
Observation lighting	N/A				
Instrument processing lighting	N/A				
Visitor/Family zone lighting	N/A				
Shower	N/A				
Specialty Lighting	N/A				
Warning Lights (in - use / do not enter)	N/A				
Battery packs (backup unit lighting)	N/A				
Power Receptacle Locations	**# of duplex Vital receptacles / circuits**	**# of duplex Conditional receptacles / circuits**	**# of duplex UPS receptacles / circuits**		**Notes / Other Requirements**
Headwall Provider zone	N/A				
Headwall Patient zone	N/A				
Bed	N/A				
Ceiling Lift	N/A				
Boom	N/A				
Housekeeping	N/A				
General use (spacing / location specified)	N/A				
Specialty, equipment specific	N/A				
Nursing control zone	N/A				
Observation room or station or area or ante room	N/A				

Division 27	**Nurse Call**	**Notes/Other Requirements**		**Additional Requirements/ Notes**	
Basic Requirement	Not Required			Clocks:	N/A
Headwall Provider zone				Public Address:	No
Headwall Patient zone					
Footwall				Refer to the SOR for additional requirements	
General use (spacing / location specified)					
Bed					
Boom					
Ceiling					
Specialty, equipment specific					