

Document Number	1			Completed	by					
Project Project Number				Date Revision						
Asset Description		Omniclass	Acronym)Bie	O&M	Training	Pressure Vessel #	FHA_RISKCAT	Additional Notes
Architectural Automatic Door	23-17 11 00	Doors	ADR	G01	Critical	Yes	TBC	No	TBC	
Building Envelope	23-19 29 00	Complete Buildings	BLDGE	G04	Generic	Yes	TBC	No	TBC	
Ceiling Coverings, Claddings and Linings	23-15 19 00	Ceiling Coverings, Claddings, and Linings		N/A	N/A	No	TBC	No	TBC	
Floor Drain Guardrails	23-31 27 00 23-39 11 11 11 15	Floor Drains Guardrails	FD GR	G04 G04	Generic Generic	No No	TBC TBC	No No	TBC TBC	
Overhead Door Roof	23-17 11 00 23-13 39 00	Doors Roof Coverings, Claddings, Linings	OHDR ROOF	G01 G02	Critical Monitored	Yes No	TBC TBC	No No	TBC TBC	
Roof Drain	23-13 41 39	Roof Drains	RD	N/A	N/A	No	TBC	No	TBC	
Civil Manhole	23-39 29 13 19 15	Storm Drainage Manholes, Frames, and C	MH	N/A	N/A	No	TBC	No	TBC	
Stormwater Interceptor Tunnels	23-39 29 11 13 23-39 13 11	Waste Water Storm Drain Tunnels	STINT TNL	G02 N/A	Monitored N/A	No No	TBC TBC	No No	TBC TBC	
Underground Concrete Vault Electrical	23-39 29 11 13 11	Manhole	UCV	N/A	N/A	No	TBC	No	TBC	
Automatic Transfer Switch	23-35 37 11	Automatic Transfer Switches	ATS	G01	Critical	Yes	TBC	No	TBC	
Bypass Automatic Transfer Switch Battery Charger	23-35 41 00 23-35 21 00	Electrical Isolation Equipment Battery Chargers	BATS BATCHRG	G01 G02	Critical Monitored	Yes No	TBC TBC	No No	TBC TBC	
Capacitor Circuit Breaker	23-35 23 19 17 23-35 29 00	Capacitors Circuit Breakers	CAP CB	G01 G01	Critical Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Current Transformer	23-35 13 13 11 23-35 37 19	Current Instrument Transformers	CT DS	G01 G01	Critical	Yes	TBC TBC	No	TBC TBC	
Disconnect Switch Distribution Panel	23-35 31 13	Disconnect Switches Distribution Panel Boards	DP	G01	Critical Critical	Yes Yes	TBC	No No	TBC	
Fuel Oil Pump Fuel Oil Tank	23-27 17 00 23-27 29 19	Pumps Tanks	FOP FOT	G01 G01	Critical Critical	Yes Yes	TBC TBC	No Yes	TBC TBC	
Fused Disconnect Switch Fused Safety Switch	23-35 37 19 23-35 37 19	Disconnect Switches Disconnect Switches	FDS FSS	G01 G02	Critical Monitored	Yes Yes	TBC TBC	No No	TBC TBC	
Generator	23-35 11 00	Electrical Generators	GEN	G01	Critical	Yes	TBC	No	TBC	
Generator Batteries Ground Fault Circuit Interrupter	23-35 19 00 23-35 29 23	Batteries Ground Fault Circuit Interrupters	GENBAT GFI	G02 G02	Monitored Monitored	Yes No	TBC TBC	No No	TBC TBC	
Heat Trace High Voltage Distribution Bus	23-33 15 15 17 23-35 31 27	Cable Heat Trace Power Distribution Units	HT HVBUS	G02 G02	Monitored Monitored	Yes Yes	TBC TBC	No No	TBC TBC	
High Voltage Fuse High Voltage Protective Relay	23-35 29 29 23-35 43 00	Fuses Electrical Relays	HVFUSE HVPR	G02 G02	Monitored Monitored	Yes Yes	TBC TBC	No No	TBC TBC	
Led	23-35 33 13	Electrical Conductor Components	LED	G03	Valued	Yes	TBC	No	TBC	
Light Lighting Control Panel	23-35 47 11 23-27 15 21 11	Lighting Fixtures Building Lighting Control Panel	LGT LCP	G03 G01	Valued Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Load Shed Contactor Main Circuit Breaker	23-35 43 21 23-35 29 00	Load Shedding Relays Circuit Breakers	LSC MCB	G02 G01	Monitored Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Main Distribution Panel	23-35 31 13	Distribution Panel Boards	MDP	G01	Critical	Yes	TBC	No	TBC	
Manual Transfer Switch Motor Circuit Protector	23-35 37 13 23-35 29 00	Manual Transfer Switches Circuit Breakers	MTS MCP	G01 G02	Critical Monitored	Yes Yes	TBC TBC	No No	TBC TBC	
Motor Control Centre Motor Starter	23-35 31 23 23-35 25 19	Motor Control Centers Motor Starters	MCC MS	G01 G02	Critical Monitored	Yes Yes	TBC TBC	No No	TBC TBC	
Motor Starter Switch Outlet	23-35 25 19 23-35 27 11	Motor Starters Electrical Receptacles	MSW OUT	G02 G04	Monitored Generic	Yes Yes	TBC TBC	No No	TBC TBC	
Panel Board	23-35 31 17	Electrical Panel Boards	Р	G01	Critical	Yes	TBC	No	TBC	
Power Distribution Center Public Address System	23-35 31 27 23-37 17 15	Power Distribution Units Public Address Equipment	PDC PA	G02 G01	Monitored Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Reactor Bank Safety Switch	23-35 23 19 15 23-35 37 19	Inductive Power Correction Devices Disconnect Switches	RB SSW	G02 G02	Monitored Monitored	Yes No	TBC TBC	No No	TBC TBC	
Splitter	23-35 33 15	Electrical Junction Boxes	SP SPB	N/A	N/A N/A	No	TBC TBC	No No	TBC TBC	
Splitter Box Starter	23-35 33 15 23-35 25 19	Electrical Junction Boxes Motor Starters	STR	N/A G03	Valued	No Yes	TBC	No	TBC	
Substation Switch	23-39 23 00 23-35 37 00	Electrical Utility Equipment Electrical Switches	SUB S	G02 G03	Monitored Valued	No No	TBC TBC	No No	TBC TBC	
Switchboard Switchgear	23-35 31 29 23-35 31 31	Switchboards Switchgear	SWBD SWG	G01 G01	Critical Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Transfer Switch	23-35 37 13	Manual Transfer Switches	TSW	G01	Critical	Yes	TBC	No	TBC	
Transformer Uniterruptible Power System	23-35 13 00 23-35 23 21	Transformers Uninterrupted Power Supply	UPS	G01 G01	Critical Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Variable Frequency Drive Variable Speed Drive	23-35 17 15 23-35 17 00	Variable Frequency Drives Variable Speed Drives	VFD VSD	G01 G01	Critical Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Elevators Conveyor	23-23 17 15	Conveyors	CONV	G01	Critical	Yes	TBC	No	TBC	
Dumbwaiter	23-23 17 11	Dumbwaiters	DUMB	G01	Critical	Yes	TBC	No	TBC	
Elevator Escalator	23-23 11 11 23-23 11 13	Elevators Escalators	ELEV ESC	G01 G01	Critical Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Monorail Scissor Lift	23-23 15 13 11 23-23 13 11	Monorails Lifts	MONO SL	G02 G01	Monitored Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Hospital Equipment										
Addressograph Automatic Endoscope Reprocessor	23-37 13 23 23-25 27 13 17	Computer Printers Rigid Endoscopes	ADG AER	G02 G01	Monitored Critical	No Yes	TBC TBC	No No	TBC TBC	
Automatic Straining Equipment Bed Pan Disinfector	23-39 41 11 39 23-25 57 11	Automatic Straining Equipment Sterilizer Equipment	ASE BPD	G04 G02	Generic Monitored	No Yes	TBC TBC	No No	TBC TBC	
Biosafety Cabinets Cage Washer	23-25 65 11 23-25 61 13 11 10	Biological Safety Cabinets Cage Washers	BSC CAGEW	G01 G01	Critical Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Cart Washer	23-25 59 13 11	Surgical Carts	CARTW	G01	Critical	Yes	TBC	No	TBC	
Clocks Code Blue System	23-19 27 13 23-37 27 17 13	Clocks Nurse Call Equipment	CLK CODEB	G03 G01	Valued Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Detergent Dosing Dispenser Dialysis Water System	23-27 17 00 23-25 23 13	Pumps Endocrinology Equipment	DOSE DIA	G01 G01	Critical Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Dishwasher	23-21 21 19	Commercial Dishwasher Equipment	DISH	G01	Critical	Yes	TBC	No	TBC	
Dryer Cabinet Dust Extraction System	23-25 23 13 15 23-27 57 29	Continuous Renal Replacement Therapy I Dust Collectors	DC DUST	G01 G01	Critical Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Electric Drinking Fountain Emergency Shower	23-31 31 00 23-29 37 15	Drinking Fountains Emergency Showers	EDF ES	G03 G02	Valued Monitored	No Yes	TBC TBC	No No	TBC TBC	
Emergency Shower And Eyewash Unit		Emergency Showers	ESEW	G03	Valued	No	TBC	No	TBC	
Eyewash Station	23-29 37 13	Emergency Eye Wash Stations	EW ED7	G02	Monitored	No	TBC	No	TBC	
Freezer Fume Hood	23-21 21 27 23-25 69 11 15	Commercial Refrigerators And Freezers Laboratory Fume hoods	FRZ FH	G01 G01	Critical Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Garbage Chute Grease Interceptor	23-39 45 25 17 23-27 37 11	Refuse Disposal Chutes Grease Traps	GC GI	G01 G02	Critical Monitored	Yes Yes	TBC TBC	No No	TBC TBC	
Helipad	23-11 21 15 13	Helicopter Landing Pads	HPD	G03 G01	Valued	No	TBC TBC	No	TBC	
Ice Machine Incubator (Sterilizer)	23-21 21 29 23-25 57 11	Commercial Ice Machines Sterilizer Equipment	IM INC	G01	Critical Critical	Yes Yes	TBC	No No	TBC TBC	
Instrument Washer Kitchen Appliance	23-25 57 11 25 23-21 21 00	Powered Instrument Cleaning Devices Food Service Equipment and Furnishings	INSTW APP	G01 G01	Critical Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Ladder	23-17 23 15	Ladders	LAD	G04	Generic	No	TBC	No	TBC	
Laundry Dryer Laundry Washer	23-21 23 51 23-21 41 00	Residential Laundry Dryers Commercial Laundry Equipment	LDRY LWASH	G01 G01	Critical Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Loading Dock Leveler Macerators	23-23 23 13 23-39 33 15 11	Dock Levelers Macerators	ED MAC	G01 G01	Critical Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Mowing Equipment	23-11 27 11 35	Mowing Equipment	MOWE	G01	Critical	Yes	TBC	No	TBC	
Nurse Call System	23-37 27 17 12	Nurse Call Equipment	NC	C01	Critical	VAC		1817 8	H	
Nurse Call System Oven Overhead Paging	23-37 27 17 13 23-25 69 13 27 23-37 27 13	Nurse Call Equipment Laboratory Ovens Mass Notification Systems	NC OVEN OHP	G01 G01 G02	Critical Critical Monitored	Yes Yes Yes	TBC TBC TBC	No No No	TBC TBC TBC	



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Pasteurizer Patient Wandering	23-39 43 13 37 23-37 27 13 11	Residuals Pasteurization Equipment Emergency Notification Devices	PAST PW	G01 Critical G03 Valued	Yes Yes	TBC TBC	No No	TBC TBC	
Plaster Trap	23-25 17 13 25 29 23-21 29 21	Dental Plaster Traps	PT POOL	G02 Monitored	No	TBC TBC	No	TBC	
Pool Reach In Cooler	23-21 21 27 13 25	Pools Commercial Upright Reach In Freezers	RIC	G03 Valued G01 Critical	No Yes	TBC	No No	TBC TBC	
Refrigerator Reverse Osmosis System	23-21 21 27 23-27 55 29 19	Commercial Upright Pass Through Freeze Reverse Osmosis Units	FRDG ROS	G01 Critical G01 Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Rolling Stock Security Alarm	23-23 15 00 23-29 11 00	Horizontal Transportation Equipment Security Detection and Monitoring	RS SA	G04 Generic G01 Critical	No Yes	TBC TBC	No No	TBC TBC	
Steam Filter	23-27 55 11	Liquid Filters	STFLTR	G01 Critical	Yes	TBC	Yes	TBC	
Steam Kettle Steamer	23-21 21 13 29 23-21 21 13 39	Commercial Kettles Commercial Food Steamers	STMK STMR	G01 Critical G01 Critical	Yes Yes	TBC TBC	Yes Yes	TBC TBC	
Sterilizer Tube Blower Motor	23-25 57 11 23-23 17 21	Sterilizer Equipment Pneumatic Tube Systems	STER TUBEB	G01 Critical G01 Critical	Yes Yes	TBC TBC	Yes No	TBC TBC	
Tube Station Tube Transfer Unit	23-23 17 21 23-23 17 21	Pneumatic Tube Systems Pneumatic Tube Systems	TUBES TUBET	G01 Critical G01 Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Ultrasonic Cleaner	23-25 57 11 41	Double Chamber Ultrasonic Cleaners	USC	G01 Critical	Yes	TBC	No	TBC	
Waste Compactor Waste Dumper	23-39 45 15 17 11 23-21 39 00	Waste Compactors and Destructors Commercial Washing and Waste Disposa	WSTC WSTD	G01 Critical G01 Critical	Yes Yes	TBC TBC	No No	TBC TBC	
HVAC Air Compressor	23-27 21 00	Compressors	AC	G01 Critical	Yes	TBC	Yes	TBC	
Air Conditioning Condensing Unit Air Conditioning Unit	23-33 37 00 23-33 39 00	Refrigerant Condensing Units Air Conditioning Equipment	CU ACU	G01 Critical G01 Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Air Curtain	23-33 31 11	Air Curtains	ACUR	G01 Critical	Yes	TBC	No	TBC	
Air Dryer Air Filter	23-33 47 00 23-27 57 27	Air Dryers Air Filters	AD AF	G01 Critical G02 Monitored	Yes Yes	TBC TBC	No No	TBC TBC	
Air Handling Unit Air Receiver	23-33 25 00 23-27 29 15	Air Handling Units Specialized Tanks	AHU AR	G01 Critical G01 Critical	Yes Yes	TBC TBC	No Yes	TBC TBC	
Air Separator	23-27 55 35	Liquid Separators	AS	G01 Critical	Yes	TBC	No	TBC	
	23-27 29 19 23-33 11 00	Tanks Commercial Boilers	AT BLR	G01 Critical G01 Critical	Yes Yes	TBC TBC	Yes Yes	TBC TBC	
Building Automation System Chemical Feed Equipment	23-27 15 00 23-39 35 00	Building Automation and Control Water and Wastewater Chemical Feed Ed	BAS CFE	G02 Monitored G01 Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Chemical Feed Tank Chilled Water Heat Exchanger	23-27 29 19 23-27 23 00	Tanks Heat Exchangers	CFT CHWHEX	G01 Critical G01 Critical	Yes Yes	TBC TBC	No Yes	TBC TBC	
Chilled Water Pump	23-27 17 00	Pumps	CHWP	G01 Critical	Yes	TBC	No	TBC	
Chiller Chiller Condensor Pump	23-33 21 00 23-27 17 00	Chillers Pumps	CH CCP	G01 Critical G01 Critical	Yes Yes	TBC TBC	Yes No	TBC TBC	
Coil Cold Deck	23-33 35 00 23-33 35 00	HVAC Coils HVAC Coils	C CD	G01 Critical G02 Monitored	Yes Yes	TBC TBC	Yes No	TBC TBC	
Compression Tank Computer Room A/C Unit	23-27 29 19 23-33 39 11 11	Tanks Room Air Conditioners	CTK CRAC	G01 Critical G01 Critical	Yes Yes	TBC TBC	Yes No	TBC TBC	
Condensate Receiver	23-27 29 19	Tanks	CONDR	G01 Critical	Yes	TBC	Yes	TBC	
Condensate Tank Condensing Coil	23-27 29 19 23-33 43 00	Tanks HVAC Condensing Units	CONDT CONDC	G01 Critical G01 Critical	Yes Yes	TBC TBC	Yes No	TBC TBC	
Condensing Fan Unit Condensing Unit	23-33 43 00 23-33 43 00	HVAC Condensing Units HVAC Condensing Units	CONDF CU	G01 Critical G01 Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Controlled Pressure Environment HVAC Cooler	23-27 15 19 23-33 45 00	Building Environmental Controls HVAC Coolers	CPE COOL	G02 Monitored G01 Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Cooling Coil	23-33 35 00	HVAC Coils	CC	G01 Critical	Yes	TBC	No	TBC	
Cooling Tower De-Aerator	23-33 23 00 23-27 55 35	Cooling Towers Liquid Separators	CT DA	G01 Critical G01 Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Dehumidifier Duct Silencer	23-33 27 13 23-33 49 21 17	Dehumidifiers Ductwork Sound Attenuators	DHUM DSIL	G01 Critical G03 Valued	Yes Yes	TBC TBC	No No	TBC TBC	
Economizer Ehxaust Volume Control Box	23-27 23 11 23-33 41 17 13	Heat Exchanger Economizers Variable Air Volume Terminal Units	ECON EVCB	G01 Critical G02 Monitored	Yes No	TBC TBC	Yes No	TBC TBC	
Electric Duct Heater	23-33 15 17 11	Fuel Fired HVAC Duct Heaters	EDH	G01 Critical	Yes	TBC	No	TBC	
Electric Unit Heater Exhaust Fan	23-33 15 00 23-33 31 19	HVAC Heating Units Fans	EUH EF	G03 Valued G01 Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Expansion Tank Fan	23-27 29 19 23-33 31 19	Tanks Fans	EXT F	G01 Critical G01 Critical	Yes Yes	TBC TBC	Yes No	TBC TBC	
Fan Coil Unit Flash Tank	23-33 33 11 23-27 29 15 13	Fan Coil Units Flash Tanks	FCU FT	G01 Critical G01 Critical	Yes Yes	TBC TBC	No Yes	TBC TBC	
Force Flow Heater	23-33 15 27	Forced Air Electric HVAC Heaters	FF	G02 Monitored	Yes	TBC	No	TBC	
Fume Hood Exhaust Fan Heat Exchanger	23-33 31 19 23-27 23 00	Fans Heat Exchangers	FHEF HEX	G01 Critical G01 Critical	Yes Yes	TBC TBC	No Yes	TBC TBC	
Heat Pump Heat Recovery Unit	23-27 17 00 23-33 55 00	Pumps Energy HVAC Recovery Equipment	HP HRU	G01 Critical G01 Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Hot Deck Humidifier	23-33 35 00 23-33 27 15	HVAC Coils Air Humidifiers	HD HUM	G02 Monitored G01 Critical	Yes Yes	TBC TBC	No No	TBC TBC	
HVAC Temperature Controllers	23-27 11 11 15	Temperature Controllers	HVACTC	G03 Valued	Yes	TBC	No	TBC	
HVAC Temperature Detectors Isolation Monitor / Controls	23-27 11 11 17 23-35 41 00	Temperature Detectors Electrical Isolation Equipment	HVACTD IMC	G03 Valued G02 Monitored	Yes Yes	TBC TBC	No No	TBC TBC	
Isolation Room Exhaust Fan Kitchen Exhaust Fan	23-33 31 19 23-33 31 19	Fans Fans	IEF KEF	G01 Critical G01 Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Manual Dampers	23-33 29 19 13	Manual Dampers	DAMP	G02 Monitored	Yes	TBC	No	TBC	
Mixing Box Motorized Dampers	23-33 41 15 23-33 29 19 11	HVAC Mixing Boxes Automatically Control Dampers	MB DAMP	G03 Valued G01 Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Negative Air Units Portable Dehumidifier	23-33 27 15 23-33 27 13 15	Air Humidifiers Portable Dehumidifiers	NAU PDH	G01 Critical G01 Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Pressure Relief Valve Pressurization Fan	23-27 31 49 11 23-33 31 19	Pressure Relief Valves Fans	PRV PF	G03 Valued G01 Critical	No Yes	TBC TBC	No No	TBC TBC	
Radiant Heat Panel	23-33 15 17 13	Fuel Fired HVAC Radiant Heaters	RHP	G03 Valued	Yes	TBC	No	TBC	
Radiant Heating System Radiological Exhaust Fan	23-33 15 17 13 23-33 31 19	Fuel Fired HVAC Radiant Heaters Fans	RHS REF	G03 Valued G01 Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Refrigerant Controller Refrigerant Detection System	23-33 51 11 23-33 51 11	Refrigerant Monitors Refrigerant Monitors	REFC REFD	G02 Monitored G02 Monitored	Yes Yes	TBC TBC	No No	TBC TBC	
Return Fan Safety Valve	23-33 31 19 23-27 31 53	Fans Safety Valves	RF SV	G01 Critical G03 Valued	Yes No	TBC TBC	No No	TBC TBC	
Stairwell Pressurization Fan	23-33 31 19	Fans	SPF	G01 Critical	Yes	TBC	No	TBC	
Steam Heating Coil Supply Air Intake	23-33 35 00 23-33 49 27	HVAC Coils Ventilators	SHC SAI	G01 Critical G04 Generic	Yes Yes	TBC TBC	No No	TBC TBC	
Supply Fan Terminal Heating Unit	23-33 31 19 23-33 15 00	Fans HVAC Heating Units	SF THU	G01 Critical G01 Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Toilet Exhaust Fan Unit Heater	23-33 31 19 23-33 15 00	Fans HVAC Heating Units	TEF	G01 Critical G01 Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Variable Air Volume Box	23-33 41 17 13	Variable Air Volume Terminal Units	VAV	G01 Critical	Yes	TBC	No No	TBC	
Life Safety Alarm Panel	23-29 31 13	Fire Alarm Control Panels	AP	G01 Critical	Yes	TBC	No	TBC	
Carbon Monoxide Alarm Systems CO2	23-27 11 17 17 23-27 11 17 13	Other Gas Concentration Measuring Instru Carbon Dioxide (CO²) Concentration Measuring	COALRM	G01 Critical G01 Critical	Yes Yes	TBC TBC	No No	TBC TBC	
NO2 Sensor	23-27 11 17 17	Other Gas Concentration Measuring Instru	NO2SEN	G01 Critical	Yes	TBC	No	TBC	
Dry Pipe Sprinkler System Duct Smoke Detector	23-29 33 00 23-29 29 13 11	Fire Suppression System Components Smoke Detectors	DPSS DSD	G03 Valued G02 Monitored	Yes Yes	TBC TBC	No No	TBC TBC	<u> </u>
Emergency Lighting Exit Light	23-35 47 13 23-35 47 15	Emergency Lighting Exit Illuminated Signs	EML EXL	G02 Monitored G02 Monitored	Yes Yes	TBC TBC	No No	TBC TBC	
Fire Alarm Annunciator Fire Alarm Flow Switch	23-29 31 11 23-29 29 15	Fire Alarm Annunicator Panels Fire Switches	FAAN FAFS	G01 Critical G03 Valued	Yes Yes	TBC TBC	No No	TBC TBC	
I II O AIGITH I IOW OWILDH						TBC			
Fire Alarm Magnetic Door Holder Fire Alarm System	23-17 19 11 31 15 23-29 33 00	Electromagnetic Door Holders Fire Suppression System Components	FAMAG FAS	G03 Valued G01 Critical	Yes Yes	TBC	No No	TBC TBC	

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Asset Description Fire Department Connection	23-29 25 15 19 13	Fire Fighting Pumper Connections	Acronym FDC	G03	Valued	O&M Yes	Training TBC	Pressure Vessel #	FHA_RISKCAT TBC	Additional Notes
Fire Doors Fire Extinguisher	23-17 11 31 23-29 25 19	Fire Doors Fire Extinguishers	FDRS FEXT	G02 G04	Monitored	Yes Yes	TBC TBC	No No	TBC TBC	
Fire Hose Cabinet	23-29 25 15 15	Cabinets for Fire Hoses	FHC	G03	Generic Valued	No	TBC	No	TBC	
Fire Hydrant Fire Protection Backflow Preventor	23-29 25 13 23-27 31 11	Fire Hydrants Backflow Preventors	HYD FPBFP	G02 G01	Monitored Critical	Yes No	TBC TBC	No No	TBC TBC	
Fire Protection Dry -Air Compressor	23-27 21 00	Compressors	FPDAC	G01	Critical	Yes	TBC	Yes	TBC	
Fire Protection Water Pump Fire Protection Water Storage Tank	23-27 17 00 23-27 29 19	Pumps Tanks	FPWP FPWT	G01 G01	Critical Critical	Yes Yes	TBC TBC	No Yes	TBC TBC	
Fire Pump Automatic Transfer Switch	23-35 37 11	Automatic Transfer Switches	FPATS	G01	Critical	Yes	TBC	No	TBC	
Fire Pump Switch Gear	23-35 31 31	Switchgear	FPSW	G01	Critical	Yes	TBC	No	TBC	
Fire Sprinkler System Fire Suppression	23-29 33 00 23-29 33 00	Fire Suppression System Components Fire Suppression System Components	FSRP FSUPP	G03 G02	Valued Monitored	Yes Yes	TBC TBC	No No	TBC TBC	
Fire Switches	23-29 29 15	Fire Switches	FASW	G02	Monitored	No	TBC	No	TBC	
Fire System Damper Fixed Dry Chemical Extinguishing	23-33 29 23 23-29 33 13 19	Fire Dampers Dry Chemical Fire Suppression Equipmen	FDAMP FDCES	G02 G02	Monitored Monitored	No Yes	TBC TBC	No No	TBC TBC	
System Fixed Wet Chemical Extingushing	23-29 33 13 17	Wet Chemical Fire Suppression Equipmen	FWCES							
System				G02	Monitored	Yes	TBC	No	TBC	
Foam Water Sprinkler System Gas Detector	23-29 33 00 23-39 35 11 17	Fire Suppression System Components Gas Storage, Weighing, and Leak Detecti	FWSS GD	G02 G01	Monitored Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Halogenated Agent Extinguishing System	23-29 33 13 15	Halon Suppression Equipment	HAES	G02	Monitored	Yes	TBC	No	TBC	
Heat Detectors	23-27 11 19 11	Heat Detectors	HD	G03	Valued	Yes	TBC	No	TBC	
Jockey Pump Jockey Pump Controllers	23-27 17 00 23-29 31 35	Pumps Jockey Pump Controllers	JP JPC	G01 G02	Critical Monitored	Yes Yes	TBC TBC	No No	TBC TBC	
Kitchen Hood Fire Suppression	23-33 31 17	Exhaust Hood Fire Suppression System	KHFS	G01	Critical	Yes	TBC	No	TBC	
Kitchen Suppression System Standpipe	23-33 31 17 23-29 25 15 19 11	Exhaust Hood Fire Suppression System Fire Fighting Standpipes	KSS STP	G01 G03	Critical Valued	Yes Yes	TBC TBC	No No	TBC TBC	
Wet Pipe Sprinkler System Medical Gas	23-29 33 00	Fire Suppression System Components	WPSS	G02	Monitored	Yes	TBC	No	TBC	
Liquid Nitrogen Tank	23-27 29 19	Tanks	LNT	G01	Critical	Yes	TBC	Yes	TBC	
Liquid Oxygen System Equipment Liquid Oxygen Tank	23-39 35 11 25 23-27 29 19	Liquid Oxygen Storage and Feed Equipme Tanks	LOS LOT	G01 G01	Critical Critical	Yes Yes	TBC TBC	Yes Yes	TBC TBC	
Medical Air Compressor Medical Air Dryer	23-25 11 13 29 17 23-33 47 00	Oxygen Compressors Air Dryers	MAIRC MAIRD	G01 G01	Critical Critical	Yes Yes	TBC TBC	Yes No	TBC TBC	
Medical Air Outlet	23-33 49 21 11	Air Outlets and Inlets	MAIRO	G01 G03	Valued	Yes	TBC	No	TBC	
Medical Gas/Vacuum Local Alarm Panel	23-25 33 13	Medical Gas Alarm modules	MGASLA	G01	Critical	Yes	TBC	No	TBC	
Medical Gas/Vacuum Master Alarm Panel	23-25 33 13	Medical Gas Alarm modules	MGASMA	G01	Critical	Yes	TBC	No	TBC	
Medical Vacuum Pump	23-25 11 13 23 11	Anesthesia Inhalation Analgesia Central G		G01	Critical	Yes	TBC	No	TBC	
Nitrogen Cylinder Manifold Nitrous Oxide Cylinder Manifold	23-25 33 23 23-25 33 23	Medical Gas Manifolds Medical Gas Manifolds	NCM N2OCM	G02 G02	Monitored Monitored	No No	TBC TBC	No No	TBC TBC	
Nitrous Oxide Equipment	23-25 33 00	Medical Gas Products	NO2E	G01	Critical	Yes	TBC	No	TBC	
Nitrous Oxide Outlet Oxygen Cylinder Manifold	23-25 33 25 23-25 33 23	Medical Gas Outlets Medical Gas Manifolds	N2OMO O2CM	G03 G02	Valued Monitored	Yes No	TBC TBC	No No	TBC TBC	
Oxygen Outlet Vacuum Outlet	23-25 33 25 23-33 49 21 11	Medical Gas Outlets Air Outlets and Inlets	O2MO MVACO	G03 G03	Valued Valued	Yes Yes	TBC TBC	No No	TBC TBC	
Vacuum Tank	23-27 29 19 11 13	Multiple Walled Vacuum Tanks	VACT	G01	Critical	Yes	TBC	Yes	TBC	
Dental Vacuum High Press Nitro Equipment		Dental Vacuum Units Liquid Nitrogen Dewars	DVAC HPN	G01 G02	Critical Monitored	Yes Yes	TBC TBC	No No	TBC TBC	
Liquid Nitrogen System Equipment Patient Care	23-25 69 13 21 25	Liquid Nitrogen Freezers	LNS	G02	Monitored	Yes	TBC	No	TBC	
Bed	23-25 45 11 11	Patient Beds	BED	G01	Critical	Yes	TBC	No	TBC	
Blanket Warmer Carbon Dioxide Equipment	23-25 29 13 19 27 23-39 35 11 21	Therapeutic Heating Blankets Carbon Dioxide Gas Feed Equipment	BW CO2E	G01 G01	Critical Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Commode Medical Suction Pump	23-25 45 11 17 13 23-25 11 13 33 19	Patient's Combination Toilets Intubation Suction Pumps	COMM MSP	G03 G01	Valued Critical	No Yes	TBC TBC	No No	TBC TBC	
Operating Room Table	23-25 59 11 15 15	Surgical Operating Tables	ORT	G01	Critical	Yes	TBC	No	TBC	
Exam Light Or Light	23-25 59 13 17 23-25 59 13 17 11	Surgical Lighting Fixtures Surgical Operating Room Lighting Fixtures	EXML ORL	G01 G01	Critical Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Regulators Wheelchair	23-25 47 13 17 49 23-25 49 11 25	Patient Thermoregulators Wheelchairs	REG WHCH	G01 G02	Critical Monitored	Yes No	TBC TBC	No No	TBC TBC	
Mobile Patient Lift	23-25 49 13	Patient Lifts	MPL	G01	Critical	Yes	TBC	No	TBC	
Overhead Patient Lift Overhead Patient Lift Gantry	23-25 49 13 23-25 49 13	Patient Lifts Patient Lifts	OHPL OHPLG	G01 G01	Critical Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Patient Lift Scale	23-25 49 13	Patient Lifts	PLS	G01	Critical	Yes	TBC	No	TBC	
Patient Lifts Stretcher	23-25 49 13 23-25 49 11 21	Patient Lifts Patient Stretchers	PL STRH	G01 G01	Critical Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Surgical Booms Tub Lift	23-25 59 13 23-25 49 13	Surgical Equipment Patient Lifts	BOOM TL	G01 G01	Critical Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Plumbing										
Acid Netralization Tank Backflow Preventer	23-27 29 19 23-27 31 11	Tanks Backflow Preventors	ANT BFP	G01 G01	Critical Critical	Yes Yes	TBC TBC	Yes No	TBC TBC	
Combination Fire And Domestic Water Tank	23-27 29 19	Tanks	CWT	G01	Critical	Yes	TBC	Yes	TBC	
Condensate Pump	23-27 17 00	Pumps	CONDP	G01	Critical	Yes	TBC	No	TBC	
De-lonized Water System Domestic Hot Water Expansion Tank	23-27 55 21 23-31 29 13	Liquid Deionizers Hot Water Tank Heaters	DIS DHWEXT	G01 G01	Critical Critical	Yes Yes	TBC TBC	No Yes	TBC TBC	
Domestic Hot Water Recirculation	23-27 17 00	Pumps	DHWRP							
Pump				G01	Critical	Yes	TBC	No	TBC	
Domestic Hot Water Tank Domestic Water Bladder Tank	23-31 29 13 23-27 29 19	Hot Water Tank Heaters Tanks	DHWT DWBT	G01 G01	Critical Critical	Yes Yes	TBC TBC	Yes Yes	TBC TBC	
Domestic Water Pressure Reducing Valve	23-27 31 47	Pressure Regulating Valves	DWPRV	G01	Critical	Yes	ТВС	No	TBC	
Domestic Water Storage Tank	23-27 29 19	Tanks	DWT	G01	Critical	Yes	TBC	Yes	TBC	
Elevator Sump Pump Gas Fired Domestic Hot Water Heater	23-27 17 35 11 23-31 29 11 13	Submersible Sewage Ejectors Gas Instantaneous Hot Water Heaters	ESP GFDWH	G01 G01	Critical Critical	Yes	TBC TBC	No Yes	TBC TBC	
Glycol Pump	23-27 17 00	Pumps	GLP	G01 G01	Critical	Yes Yes	TBC	Yes No	TBC	
Heating Hot Water Pump	23-27 17 00	Pumps	HHWP	G01	Critical	Yes	TBC	No	TBC	
Hose Bibb Hot Water Heater	23-29 25 15 19 23-31 29 11	Fire Hose Connectors Instantaneous Hot Water Heaters	HB HWH	G04 G01	Generic Critical	No Yes	TBC TBC	No Yes	TBC TBC	
Hot Water Pump	23-27 17 00	Pumps	HWP	G01	Critical	Yes	TBC	No	TBC	
Hot Water Recirculation Pump Hot Water Unit Heater	23-27 17 00 23-31 29 11	Pumps Instantaneous Hot Water Heaters	HWRP HUH	G01 G01	Critical Critical	Yes Yes	TBC TBC	No Yes	TBC TBC	
Hydraulic Oil Pump Hydraulic Oil Tank	23-27 17 00 23-27 29 19	Pumps Tanks	HOP HOT	G01 G01	Critical Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Irrigation Sprinkler System	23-11 27 15 11	Irrigation Sprinklers	ISS	G03	Valued	Yes	TBC	No	TBC	
Pump Pump Station	23-27 17 00 23-39 31 11 11	Pumps Packaged Pumping Stations	PSTN	G01 G01	Critical Critical	Yes Yes	TBC TBC	No No	TBC TBC	
Sand Filter Sanitary Sump Pump	23-27 55 11 23-27 17 35 11	Liquid Filters Submersible Sewage Ejectors	SDF SSP	G02 G01	Monitored Critical	Yes Yes	TBC TBC	Yes No	TBC TBC	
Secondary Chilled Water Pump	23-27 17 00	Pumps	CHWSP	G01	Critical	Yes	TBC	No	TBC	
Sediment Interceptor Steam Domestic Water Heater	23-39 37 15 23-27 25 15	Sediment Removal Equipment Liquid Steam Heaters	SEDINT SDWH	G03 G01	Valued Critical	Yes Yes	TBC TBC	No Yes	TBC TBC	
Steam Trap	23-27 37 15	Steam Traps	ST STO	G02 G01	Monitored	Yes Yes	TBC TBC	No Yes	TBC TBC	
Storage Tank	23-27 29 19	Tanks	310	GUT	Critical	res	IBC	res	IBC	



Document Number				Completed	by					
Project				Date						
Project Number				Revision						
Asset Description		Omniclass	Acronym	CC	Bie	O&M	Training	Pressure Vessel#	FHA_RISKCAT	Additional Notes
Storm Sump Pump	23-27 17 35 11	Submersible Sewage Ejectors	STSP	G01	Critical	Yes	TBC	No	TBC	
Valve	23-27 31 00	Valves	V	G03	Valued	Yes	TBC	No	TBC	
Water Filter	23-27 55 11 11	Water Filters	WF	G02	Monitored	Yes	TBC	No	TBC	
Water Meter	23-27 11 15 17	Flow Detector	WM	G01	Critical	Yes	TBC	No	TBC	
Water Storage Tank	23-27 29 19	Tanks	WSTO	G01	Critical	Yes	TBC	No	TBC	
Water Treatment Package Unit	23-27 55 33 11	Water Treatment Package Unit	WTPU	G03	Valued	Yes	TBC	No	TBC	

Tracked Asset Grading



Docume	nt Number	
Project		
Project N	Number	
G01	users. Damage or operational failure	se of the building, or safety of its occupants and of the asset may result in building evacuation, loss of could typically relate to major plant & equipment, and courtests.
G02	evacuation or loss of productivity but	t critical as failures will not result in building is a specific asset that may be under a manufacturer ed or maintained without product manufacturer cations.
G03	maintain, but information for future re	cal to building occupation or complex to replace and eplacement needs to be known. Typically, a high at investment where records relating to specification s.
G04	low cost. A general fixture that is not	eific service asset that can be easily replaced and at dependant on manufacturer or performance specific be included as part of a broader planned and
N/A	No requirement for information.	

N/A No requirement for information

T	ab	Field	G01	G02	G03	G04	N/A
		Name	Yes	Yes	Yes	Yes	No
		CreatedBy	Yes	Yes	Yes	Yes	No
		CreatedOn	Yes	Yes	Yes	Yes	No
		Category	Yes	Yes	Yes	Yes	No
		Description	Yes	Yes	Yes	Yes	No
	ø	AssetType	Yes	Yes	Yes	Yes	No
	Туре	Manufacturer	Yes	Yes	Yes	Yes	No
		ModelNumber	Yes	Yes	Yes	No	No
		ReplacementCost	Yes	Yes	Yes	No	No
		Expected Life	Yes	Yes	No	No	No
		DurationUnit	Yes	Yes	No	No	No
		WarrantyDescription	Yes	Yes	Yes	No	No
		ModelReference	Yes	Yes	Yes	Yes	No
		Name	Yes	Yes	Yes	Yes	No
		CreatedBy	Yes	Yes	Yes	Yes	No
Asset		CreatedOn	Yes	Yes	Yes	Yes	No
As		TypeName	Yes	Yes	Yes	Yes	No
	ent	Space	Yes	Yes	Yes	Yes	No
	one	Description	Yes	Yes	Yes	Yes	No
	Somponent	SerialNumber	Yes	No	No	No	No
	Ö	InstallationDate	Yes	Yes	Yes	Yes	No
		WarrantyStartDate	Yes	Yes	Yes	No	No
		TagNumber	Yes	Yes	Yes	No	No
		Barcode	Yes	Yes	No	No	No
		AssetIdentifier	Yes	Yes	Yes	Yes	No
		Name	TBC	TBC	TBC	TBC	No
	_	CreatedBy	TBC	TBC	TBC	TBC	No
	System	CreatedOn	TBC	TBC	TBC	TBC	No
	sys	Category	TBC	TBC	TBC	TBC	No
	(U)	ComponentNames	TBC	TBC	TBC	TBC 3-09-01 NSHBO	No

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Tracked	Asset Grading		IJI		Gal	
Docum	nent Number					
Projec	t					
Projec	t Number					
G01	Critical: Critical to the function and us users. Damage or operational failure productivity, or a threat to life. This w critical assets central to life-safety sy	of the assould typica	et may resi	ult in buildir	ng evacuati	ion, loss of
G02	Monitored: A service asset that is no evacuation or loss of productivity but guarantee and / or cannot be replace information and performance specific	is a specifed or maint	ic asset tha	at may be ι	ınder a mai	nufacturer
G03	Valued: An asset that is neither critic maintain, but information for future revalue or specialist asset of significan and replacement costs are desirable	eplacemen t investme	t needs to I	be known.	Typically, a	high
G04	Generic: A non-critical and non-spec low cost. A general fixture that is not information to procure, but may still be preventative maintenance regime.	dependant	t on manuf	acturer or p	performanc	e specific
N/A	No requirement for information.					
Tab	Field	G01	G02	G03	G04	N/A
	Description	TBC	TBC	TBC	TBC	No



Doc Proj		nt Number				Completed by Date		
		lumber 	5 110			Revision		
Т	ab	Field Email	Req'd? Yes	Responsibility All Parties	Stage Design	Description / Comments Email contact	Formatted Example name@email.com	CMMS Field (FHA) Not mapped.
		CreatedBy	Yes	All Parties	Design	Email contact reference	name@email.com	Not mapped.
		CreatedOn Category	Yes Yes	All Parties All Parties		Date created Omniclass Table 33: Discipline	2009 02 12T11:00:00 34-55 14 11: Consultant	Not mapped. Not mapped.
		Company	Yes	All Parties	Ŭ	Organisation Name	BIM Academy	Not mapped.
		Phone	Yes	All Parties	Design	Phone number	0191 269 5454	Not mapped.
non	act	Department OrganizationCode	No No					Not mapped. Not mapped.
Common	Contact	GivenName	Yes	All Parties		First name	Melanie	Not mapped.
ပ		FamilyName Street	Yes No	All Parties	Design	Surname	Robinson	Not mapped.
		PostalBox	No					Not mapped. Not mapped.
		Town	No					Not mapped.
		StateRegion PostalCode	No No					Not mapped. Not mapped.
		Country	No					Not mapped.
		Name	Yes	Task Team (Design)	Design	Building name, specifed by FMO; inputted by team.	1491	AS_LOCATION
		CreatedBy	Yes	Task Team (Design)		Email contact reference	name@email.com	Not mapped.
		CreatedOn	Yes	Task Team (Design)			2009 02 12T11:00:00	Not mapped.
		CreatedOff	res	, , ,				Постпарреи.
		Category	Yes	Task Team (Design)	Design	Omniclass Table 11: Entities by Function	11-13 24 14: Clinic	Not mapped.
		ProjectName	Yes	Task Team (Design)		Plain language building name	New Surrey Hospital and Cancer Center	Not mapped.
		SiteName	Yes	Task Team (Design)	Design	Site address	XX Road, Surrey, British Columbia	Not mapped.
	cility			, ,	-			
	Faci	LinearUnits	Yes	Task Team (Design)	Design	Units used for linear measurement	millimeters	Not mapped.
		AreaUnits	Yes	Task Team (Design)	Design	Units used for area measurement	squaremeters	Not mapped.
		VolumeUnits	Yes	Task Team (Design)	Design	Units used for volume measurement	cubicmeters	Not mapped.
		CurrencyUnits	Yes	Task Team (Design)	Design	Units used for currency	Dollars	Not mapped.
		,		, , ,	-	Measurement method used to calculate		
		AreaMeasurement Description	Yes No	Task Team (Design)	Design	spatial area measurement	Revit default area calculation method	Not mapped.
		Description ProjectDescription	No					Not mapped. Not mapped.
		SiteDescription Phase	No No					Not mapped. Not mapped.
		i nase				As per FSS Drawing Services Naming		
al		Name	Yes	Task Team (Design)	Design	Conventions – Floor Naming and Room Numbering Standards.	03	AS_LOCATION
Spatial		CreatedBy	Yes	Task Team (Design)	Design	Email contact reference	name@email.com	Not mapped.
S	_	,		, , ,	<u> </u>	Date created	2009 02 12T11:00:00	
	Floor	CreatedOn	Yes	Task Team (Design)	<u> </u>	Classification of floor type i.e. floor		Not mapped.
		Category	Yes	Task Team (Design)	Design	roof or site	Floor	Not mapped.
		Description	Yes	Task Team (Design)	Design	Plain language description	Third Floor	Not mapped.
		Elevation	No					Not mapped.
		Height	No	Table Table (Dasies)	Darious	Room Number, as per Room	207	Not mapped.
		Name	Yes	Task Team (Design)	Design	Numbering Standards.	307	AS_LOCATION
		CreatedBy CreatedOn	Yes Yes	Task Team (Design) Task Team (Design)		Email contact reference Date created	name@email.com 2009 02 12T11:00:00	Not mapped. Not mapped.
		Category	Yes	` • '		Omniclass Table 13: Spaces by Function	13-65 11 00 On-call Room	Not mapped.
	Space	FloorName	Yes	Task Team (Design)	Design	Referenced from Floor tab	03	Not mapped.
	Sp	Description	Yes	Task Team (Design)		Room Type	On-Call Room	Not mapped.
		RoomTag	Yes	Task Team (Design)	Design	Full location code for mapping to AS LOCATION within Maximo.	1491-03-307	Not mapped.
		UsableHeight	Yes	Task Team (Design)	Design	Usable height of the space	2.5	Not mapped.
		GrossArea NetArea	Yes Yes	Task Team (Design) Task Team (Design)		Gross Area of Space Net Area of Space	9	Not mapped. Not mapped.
		Name	No	radit radiii (2 colgii)	Boolgii	Trotty and or opaso		Not mapped.
	e.	CreatedBy CreatedOn	No No					Not mapped. Not mapped.
	Zor	Category	No					Not mapped.
		SpaceNames Description	No No					Not mapped. Not mapped.
		Name	Yes	Task Team (Design)		Unique ID of Type	CHW-P-15HP	Not mapped.
		CreatedBy CreatedOn	Yes Yes	Task Team (Design) Task Team (Design)		Referenced from Contact.Email Date created	name@email.com 2009 02 12T11:00:00	Not mapped. Not mapped.
		Category	Yes	Task Team (Design)	Design	Omniclass Table 23: Products	23-27 17 00 Pumps	HIERARCHYPATH
		Description AssetType	Yes Yes	Task Team (Design) Task Team (Design)		Plain language descriptor of Type Fixed or Movable	Pump, Chilled Water (15HP) Fixed	Not mapped. Not mapped.
		Manufacturer	Yes	Task Team (Design) Task Team (Construction)		Referenced from Contact.Email	info@name.com	AS_MANUFACTURER
		ModelNumber	Yes	Task Team (Construction)		Model number, as provided by	8X8X13 4300	FHA_MODEL
		WarrantyGuarantorParts	No			manuadulid		
		Warranty Oursenter Labor	No					
		WarrantyGuarantorLabor WarrantyDurationLabor	No No					
		WarrantyDurationUnit	No					
		ReplacementCost	Yes	Task Team (Construction)	Install	Manufacturer's suggested retail price. Expected life of the equipment, FMO	500	PURCHASEPRICE
		Expected Life	Yes	Task Team (Construction)	Install	has expected life by classification if this	25	EXPECTEDLIFE
	уре	DurationUnit	Yes	Task Team (Construction)	Install	information is not available Unit of measure	Yrs	Not mapped.
	É.	WarrantyDescription	Yes	Task Team (Construction)		Plain language description of warranty.	1 year labour, 2 years parts	DESCRIPTION_LONGDESCRIPTION
		NominalLength	No					
		NominalWidth	No No					
		NominalHeight ModelReference	No Ves	Tack Team (Construction)	Inotall	Name of product vander / averalism	Organization Name	VENDOR
			Yes	rask reall (Construction)	motall	Name of product vendor / supplier.	Organization Name	
			No					Not mapped. Not mapped.
		Shape Size	No No					Not mapped.
		Shape Size Color	No No					
		Shape Size Color Finish	No No No					Not mapped.
		Shape Size Color	No No					
		Shape Size Color Finish Grade Material Constituents	No No No No No					Not mapped. Not mapped. Not mapped. Not mapped.
		Shape Size Color Finish Grade Material	No No No No					Not mapped. Not mapped. Not mapped. Not mapped. Not mapped. Not mapped.
		Shape Size Color Finish Grade Material Constituents Features	No No No No No No					Not mapped. Not mapped. Not mapped. Not mapped.



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Projec						Date		
Projec	ct N	umber				Revision		
Tab	b	Field	Req'd?	Responsibility	Stag	Description / Comments	Formatted Example	CMMS Field (FHA)
		Name	Yes	Task Team (Design)	Desig	Unique ID of component, based on the asset naming convention in Appendix	CHW-P-15HP-01	Not mapped.
		CreatedBy	Yes	Task Team (Design)	Desig	n Email contact reference	name@email.com	Not mapped.
		CreatedOn	Yes	Task Team (Design)	Desig	n Date created	2009 02 12T11:00:00	Not mapped.
		TypeName	Yes	Task Team (Design)		n Referenced from Type.Name.	CHW-P-15HP	Not mapped.
		Space	Yes	Task Team (Design)	Ū	n Referenced from Space.Name.	307	Not mapped.
	nent	Description	Yes	Task Team (Design)		Plain language description. Refer to asset naming convention in Appendix 1U.	Pump, Chilled Water (P-01)	AS_DESCRIPTION
	bo	SerialNumber	Yes	Task Team (Construct	ion) Insta	Serial number on the asset nameplate.	1018327001	SERIALNUM
	om	InstallationDate	Yes	Task Team (Construct	ion) Insta	Date installed	2009 02 12T11:00:00	INSTALLDATE
'	O	WarrantyStartDate	Yes	Task Team (Construc		Date of warranty expiry	2009 02 12T11:00:00	WARRANTYEXPDATE
Asset		TagNumber	Yes	Task Team (Design)	Insta	ID based on Location and Name I information. Refer to asset naming	1491-03-P-CHW-15HP-01	ASSETTAG
		Barcode	Yes	FMO	Insta	the Maximo Asset number.		ASSETNUM
		AssetIdentifier	Yes	Task Team (Design)	Insta	[10.	PUMP	HIERARCHYPATH
		Name	Yes	Task Team (Design)	Desig	n Unique ID of system	CHW	Not mapped.
		CreatedBy	Yes	Task Team (Design)	Desig	n Email contact reference	name@email.com	Not mapped.
	Ε	CreatedOn	Yes	Task Team (Design)	Desig	n Date created	2009 02 12T11:00:00	Not mapped.
	System	Category	Yes	Task Team (Design)		n E.g. Omniclass Table 21: Elements	21 XX XX XX Chilled Water	Not mapped.
	Sy	ComponentNames	Yes	Task Team (Design)		Multiple components referenced from Component.Name	CHW-P-01, CHW-P-02, CHW-P-03	Not mapped.
		Description	Yes	Task Team (Design)	Desig	n Plain language description of system	Chilled Water System	Not mapped.
			. 55		2 3 3 .9	PRESSUREVESSEL	James Hater System	The state of the s
		Name	Yes	Task Team (Construct	ion) Insta	Unique name of attribute	Pressure Vessel No.	Not mapped.
		CreatedBy	Yes	Task Team (Construct	ion) Insta	I Email contact reference	name@email.com	Not mapped.
		CreatedOn		Task Team (Construc	,		2009 02 12T11:00:00	Not mapped.
		Category	Yes	Task Team (Construc		Default values are: as built, submitted,		Not mapped.
		SheetName	Yes	Task Team (Construct	ion) Insta	Reference to specifc COBie tab	Туре	Not mapped.
		RowName	Yes	Task Team (Construc		Reference to specific row in specified	CHW-P-01	Not mapped.
		Value	Yes	Task Team (Construc	ion) Insta		1234567890	DESCRIPTION LONGDESCRIPTION
		Unit	No	Tusk Team (Sonstrue	ion) mota	1 Italiber for input	1204007000	Not mapped.
			No					• • • • • • • • • • • • • • • • • • • •
		Description						Not mapped.
		AllowedValues	No			- FILA BIOKOAT		Not mapped.
		N	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	EMO	1	FHA_RISKCAT	IDLIA DIOKOAT	la.
	te	Name		FMO	Insta	'	RHA_RISKCAT	Not mapped.
	Attribute	CreatedBy		FMO		Email contact reference	name@email.com	Not mapped.
	tt	CreatedOn	Yes	FMO	Insta	Date created	2009 02 12T11:00:00	Not mapped.
	Ą	Category	Yes	FMO	Insta	Default values are: as built, submitted, approved, exact requirement, maximum requirement, minimum requirement, and requirement.	Approved	Not mapped.
		SheetName	Yes	FMO	Insta	Reference to specifc COBie tab	Туре	Not mapped.
		RowName	Yes	FMO	Insta	Reference to specific row in specified COBie tab	CHW-P-01	Not mapped.
		Value	Yes	FMO	Insta		BOILER & PV	FHA_RISKCAT
		Unit	No					Not mapped.
		Description	No					Not mapped.
		AllowedValues		FMO	Insta	Delimited list of risk category options	BOILER & PV; BUILDING; CLINICAL COMM; CONTROL PRESSURE; ELEC DIST; ELEVATORS; HVAC; LIFE & FIRE SAFETY; MDRE; MED AGV; PATIENT LIFTS; PIPING SYSTEMS; STANDBY POWER	Not mapped.



			Des	sign				C	ons	truc	tion	1				Des	sign	1			Co	onst	truc	tion			[Desi	gn								Cor	nstri	uctic	on				
							Гуре											С	omp	oone	ent						5	Syste	em			Α	ttrib	ute (Pre	ssu	re			FHA	_RI	SKO	CAT	
	Name	CreatedBy	CreatedOn	Category	Description	AssetType	Manufacturer	ModelNumber	ReplacementCost	Expected Life	DurationUnit	WarrantyDescription	ModelReference	Name	CreatedBy	CreatedOn	TypeName	Space	Description	SerialNumber	InstallationDate	WarrantyStartDate	TagNumber	Barcode	AssetIdentifier	Name	CreatedBy	CreatedOn	Category	ComponentNames	Description	Name	CreatedBy	CreatedOn	SheetName	BowName	Value	Name	CreatedBy	CreatedOn	Category	SheetName	RowName	Value AllowedValues
Architectural																																												
Automatic Door								\perp	\perp																														丄		Ш			
Building Envelope																																												
Ceiling Coverings, Claddings and Linings																																												
Floor Drain																																							$oldsymbol{ol{ol{ol}}}}}}}}}}}}}}}}$					▁Ţ⅂
Guardrails																																							Ι	\prod				
Overhead Door																																							T	\Box	П			\Box
Roof									T																																П			\Box
Roof Drain											1		T																										T	П	П			
Civil													_								•																							
Manhole																																							Т					
Stormwater Interceptor													7																										1		П			
Tunnels													1																						T				1		П			
Underground Concrete Vault																																									П			\Box
Electrical			•																												•		•											
Automatic Transfer Switch																																												
Bypass Automatic Transfer Switch																																							T					
Battery Charger																																							T					
Capacitor													T														ヿ								T				1		П			
Circuit Breaker									T				7														T												1		П			
Current Transformer																																									П			\Box
Disconnect Switch																																									П			\Box
Distribution Panel																																									П			\Box
Fuel Oil Pump																																									П			\Box
Fuel Oil Tank													T																															\Box
Fused Disconnect Switch								寸	1	一			T														一	寸	T	T									1					
Fused Safety Switch								T	T	\top		T	T									T					T	T	T	T									1		П			\top
Generator								寸	1	一			T														一	寸	T				\top		\top	T			1					
Generator Batteries								T	T	\top		T	T									T					T	T	T	T									1		П			\top
Ground Fault Circuit Interrupter													T					Г				П						T			1								T		П			ᅦ
Heat Trace											1		T																		1								\top		一	1		+
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Main Circuit Breaker																																					
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Bed Pan Disinfector	7	\top	\top	\top	\top					\top	\top	T	T	T	П					T				\dashv	T	\top			\dashv		\top	+	\top	1	H		\dashv
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Emergency Shower And Eyewash Unit			\vdash	+	+	-				+	+	_	_	+		Н				\perp	+	+	_	-	+	_	\vdash	_	+	+			+	++-
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Incubator (Sterilizer)																														_	Ш		_	'
Instrument Washer			Ш	4	\perp					┺				_		Ш		_		4	_						Ш	_	4				_	<u> </u>
Kitchen Appliance																																		'
Ladder																																		
Laundry Dryer																																		
Laundry Washer																																		
Loading Dock Leveler																																		
Macerators																																		
Mowing Equipment																																		
Nurse Call System																																		
Oven																																		
Overhead Paging																																		
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Pasteurizer																																		
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Tube Transfer Unit				\top	\top			\top	\top			7		\top				Ŧ			\top		7	1	Ŧ			\neg	7			\dashv	+	+
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Litter and a Observer																										_					_
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Waste Compactor	\blacksquare	+	_	\sqcup	_	\vdash	+		_	\perp		+	_	\sqcup	4		\sqcup	_	_	_	_		_			_		\sqcup	_	4-4-	4
Waste Dumper																															┛
HVAC		_											_													_					4
Air Compressor	Ш	_		Ш	_	\sqcup	_		_	\perp		_		Ш	_		Ш			_											4
Air Conditioning Condensing Unit	Ш	_		Ш	_	\sqcup	_		_	\perp		_		\sqcup	_	4	Ш			_								\sqcup			4
Air Conditioning Unit			_			\sqcup			_				_				Ш				\perp					_					
Air Curtain			_			\sqcup			_								Ш				\perp					_					
Air Dryer						Ш																									╛
Air Filter						Ш																									
Air Handling Unit						Ш																									
Air Receiver																															
Air Separator																															
Air Tank																															
Boiler																															
Building Automation System																															
Chemical Feed Equipment																															
Chemical Feed Tank																															1
Chilled Water Heat Exchanger																															1
Chilled Water Pump																															1
Chiller																															1
Chiller Condensor Pump						П											П														1
Coil						П											П														1
Cold Deck						Ħ																									
Compression Tank						П								П			П														1
Computer Room A/C Unit						Ħ																									
Condensate Receiver						Ħ																									
Condensate Tank									T				T																		
Condensing Coil						Ħ																									
Condensing Fan Unit						П			T				T										T								1
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HVAC Cooler									T				T										T								
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Duct Silencer				\Box		\Box						\top		П	\top		П											Ħ	+	1 1	1
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Electric Duct Heater									T		\exists						\Box	T			T		T	T		\top	+	\dagger	+	1	1
Electric Unit Heater									+									1								+			\dashv	$\dagger \dagger$	1
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Expansion Tank				H				H	+		\exists			H				\exists								+	+	H		++	1
Fan								\vdash	\top		\dashv			\Box				+								+	+	+	_	++	1
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Fan Coil Unit																										
Flash Tank																										
Force Flow Heater																										
Fume Hood Exhaust Fan																										
Heat Exchanger																										
Heat Pump																										
Heat Recovery Unit																										
Hot Deck																										
Humidifier																										
HVAC Temperature Controllers																										
HVAC Temperature Detectors																										
Isolation Monitor / Controls																										
Isolation Room Exhaust Fan																										
Kitchen Exhaust Fan																										
Manual Dampers																									\neg	
Mixing Box																	П					П				
Motorized Dampers																								\Box	\top	
Negative Air Units																										
Portable Dehumidifier																										
Pressure Relief Valve																										
Pressurization Fan																										
Radiant Heat Panel									T													П				
Radiant Heating System						T																				
Radiological Exhaust Fan																										
Refrigerant Controller																										
Refrigerant Detection System						T			T													П				
Return Fan																										
Safety Valve									T													П				
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Steam Heating Coil			\Box	\top								T	\top				\Box					П			\top	
Supply Air Intake			\Box	\top													\Box					П			\top	
Supply Fan									\top							+		\top	Т				1		\top	
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Variable Air Volume Box	\Box					\top	+	П	\top			\top				+		+				\Box	+	H	+	
Life Safety				_														_								1
Alarm Panel																									T	
Carbon Monoxide Alarm Systems									T			T										П				
CO2																								\sqcap	\top	
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Dry Pipe Sprinkler System																							1		十	\Box
Duct Smoke Detector																					T		+	$ \cdot $	十	\Box
Emergency Lighting						T			T					+		T						Ħ	+	\sqcap	\top	
Exit Light						\top			\top														T	\sqcap	+	
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Fire Alarm Annunciator																					
Fire Alarm Flow Switch																					
Fire Alarm Magnetic Door Holder																					
Fire Alarm System			T																		
Fire Alarm Control Panels			T																		
Fire Department Connection			T	T			T														
Fire Doors																					
Fire Extinguisher																					
Fire Hose Cabinet																					
Fire Hydrant			T																		
Fire Protection Backflow Preventor			T																		
Fire Protection Dry -Air Compressor			T			T								T							
Fire Protection Water Pump																					
Fire Protection Water Storage Tank																				\neg	\prod
Fire Pump Automatic Transfer Switch			T				T						\Box		T						\Box
Fire Pump Switch Gear																					
Fire Sprinkler System			T				T						\Box		T						\Box
Fire Suppression																					
Fire Switches																					
Fire System Damper																					
Fixed Dry Chemical Extinguishing System																					
Fixed Wet Chemical Extingushing System																					
Foam Water Sprinkler System																					
Gas Detector																					
Halogenated Agent Extinguishing System																					
Heat Detectors																					
Jockey Pump																					
Jockey Pump Controllers																					
Kitchen Hood Fire Suppression																					
Kitchen Suppression System																					
Standpipe																					
Wet Pipe Sprinkler System																					
Medical Gas																					
Liquid Nitrogen Tank																					
Liquid Oxygen System Equipment																					
Liquid Oxygen Tank																					
Medical Air Compressor																					
Medical Air Dryer																					
Medical Air Outlet																					
Medical Gas/Vacuum Local Alarm Panel																					
Medical Gas/Vacuum Master Alarm Panel																					
Medical Vacuum Pump																					
Nitrogen Cylinder Manifold																		T			
Nitrous Oxide Cylinder Manifold																					
Nitrous Oxide Equipment																					



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Nitrous Oxide Outlet			_													_			_				Ш	_	_											\bot		$\perp \perp$
Oxygen Cylinder Manifold	_	_	_	_	4		┺	┺						_	_	_		4	_	_			Ш	_	\perp	_		_	\bot						_	4	4	Ш
Oxygen Outlet		_		_	4		┺			L				_				4					Ш	_		┸			\perp						\perp	丄		Ш
Vacuum Outlet																																			\perp	丄	丄	Ш
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Dental Vacuum																																						
High Press Nitro Equipment																																						
Liquid Nitrogen System Equipment																																						
Patient Care																																		•				
Bed																																						
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Carbon Dioxide Equipment					T											T																						
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Medical Suction Pump																																			十	十	1	\prod
Operating Room Table				T											T	T	T	T	T					T					T				Ħ	1	十	十	1	\Box
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Mobile Patient Lift	$^{+}$	+	+	+	+	+	+	+	T	t	T			\dashv	\dashv	7		+	+	+	+	H	Н	\dashv		+	Н		+	+		H		+	十	+	+	+1
Overhead Patient Lift	+	+	+	+	+	+	+	+	\vdash	H	\vdash			+	+	\dashv	\dashv	+	+	+	+	H	H	\dashv	+	+	H	+	+	+		\vdash		\dashv	十	+	十	+
Overhead Patient Lift Gantry	+	+	+		+		+	+	\vdash		\vdash			\dashv	+	\dashv	+	+	+	+	+	Н	Н	\dashv	+	+	Н		+			H		+	十	+	+	+
Patient Lift Scale	+	+	+	+	+	+	+	+	\vdash		\vdash			\dashv	+	\dashv	+	+	+	+	+	Н	Н	\dashv	+	+	Н		+	+		\vdash		+	+	+	+	+
Patient Lifts	+	+	+	+	+	+	+	+	\vdash	H	\vdash			\dashv	+	\dashv	+	+	+	+	+	┢	Н	\dashv	+	+	H	+	+	+		\vdash		+	+	+	+	+
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Surgical Booms	+	+	+	+	+	+	+	+	+	\vdash	╁		Н	\dashv	+	\dashv	+	+	+	+	+	┢	Н	\dashv	+	+	\vdash	+	+	+		\vdash		+	+	+	+	+
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Plumbing Acid Netralization Tank	_	_	_				_									_		-	_					$\overline{}$			Т							Т	一	$lue{}$	—	\blacksquare
Backflow Preventer	_		+		+		+	+	 	\vdash	 			-	+	-	+	+	+	+	+-		Н	-	_	-	+		+			\vdash			+	+	+	+1
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Combination Fire And Domestic Water Tan	K	+	+		+		+	+	-	-	-			_	_	-	_	_	_	+	+-	L	Н	\dashv	_	+	_		+			\square		_	_	+	+	+
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De-Ionized Water System	_	_	_		+		_	_	_	_	_				_	_	_	_	_	_	+	L	Ш	_	+	_						Ш			_	4	+	igspace
Domestic Hot Water Expansion Tank	4	_	4	+	+		╄	_	_	┡	_			_	4	_	4	4	_	+	_		Ш	4		+			_					_	_	+	—	$oldsymbol{\sqcup}$
Domestic Hot Water Recirculation Pump		4			\bot												4	4	4	4												\square	\square		\bot	_	\bot	$oldsymbol{oldsymbol{\sqcup}}$
Domestic Hot Water Tank	\perp	_			1									4	4	_	4	4		\bot				\perp	\perp							Ш			\bot	\bot	\bot	\coprod
Domestic Water Bladder Tank																																Ш	Ш		\bot	_	\bot	igspace
Domestic Water Pressure Reducing Valve																																Ш			\perp			Ш
Domestic Water Storage Tank																				\perp												Ш			\bot	\bot	$oldsymbol{\perp}$	Ш
Elevator Sump Pump																																			\bot	\bot	\perp	Ш
Gas Fired Domestic Hot Water Heater																																			\perp			
Glycol Pump																																						
Heating Hot Water Pump																																						\Box
Hose Bibb			T																													П			T	\top		\Box
Hot Water Heater																																П			十	\top		
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Hot Water Pump																														
Hot Water Recirculation Pump																			Т											1
Hot Water Unit Heater																			Т											
Hydraulic Oil Pump										Т									Т											
Hydraulic Oil Tank										Т									Т											
Irrigation Sprinkler System																			Т											
Pump																			Т											
Pump Station					T					T									T											
Sand Filter										Т									Т											
Sanitary Sump Pump					T				T	T									T											
Secondary Chilled Water Pump					T					T									T											
Sediment Interceptor					T														T											
Steam Domestic Water Heater					T														T											
Steam Trap					T				T	T									T											
Storage Tank					T					T									T											
Storm Sump Pump					T					T									T											
Valve																			Т											
Water Filter					T				T										T											
Water Meter			T			T		T	T		T								Т											
Water Storage Tank																														
Water Treatment Package Unit																			T											



ARCHITECTURAL	DI D.05
BUILDING ENVELOPE	BLDGE
BUILDING INTERIOR	
DOORS	4.0.0
AUTOMATIC DOOR	ADR
BATTERY	OLIDD
OVERHEAD DOOR	OHDR
GROUNDS	
DRAIN	IDD
IRRIGATION SPRINKLER	IRR
HELIPORT/HELIPAD	HPD
ROOFS	ROOF
DRAIN	
SECURITY	
SECURITY ALARM	SA
CLINICAL COMMUNICATION	
NURSE CALL SYSTEM	NC
CODE BLUE	CODEB
NURSE CALL	NC
PAGING SYSTEMS	PAGE
PATIENT SAFETY	TAGE
BED ALARM	
TUBE SYSTEM	
BLOWER	TUBEB
STATION	TUBES
TRANSFER UNIT	TUBET
ELECTRICAL	10021
ELECTRICAL DISTRIBUTION SYSTEM	
CAPACITOR	CAP
CIRCUIT BREAKER	СВ
DISTRIBUTION PANEL	DP
MOTOR CONTROL CENTRE	MCC
PANELBOARD	Р
SWITCH	S
SWITCHGEAR	SWG
TRANSFER SWITCH	TSW
TRANSFORMER	Т
UNINTERRUPTED POWER SUPPLY	UPS
STANDBY POWER	SB
BATTERY	
FUEL OIL PUMP	FOP
FUEL OIL TANK	FOT
GENERATOR	GEN
BUILDING MANAGEMENT SYSTEM	BMS
INPUT DEVICES (SENSORS)	TBC
CONTROLLERS	TBC
OUTPUT DEVICES (ACTUATORS)	TBC
COMMUNICATION PROTOCOLS	TBC
USER INTERFACE	TBC
ELEVATORS	
DUMBWAITER	DUMB
ELEVATOR	ELEV
PHONE	
FIRE EQUIPMENT & LIFE SAFETY	
EMERGENCY LIGHT	EML
FIRE ALARM SYSTEM	FAS
DATTEDV	
BATTERY	



FIRE DOOR	FDRS
FIRE SUPPRESSION	FSUPP
COMPRESSOR	FPDAC (?)
EXHAUST FAN	EF
FIRE DAMPER	FDAMP
FIRE SPRINKLER SYSTEM	
PUMP	FJP (?)
GAS DETECTOR	GD
FMO EQUIPMENT & TOOLS	
CART	
GENIE LIFT	
GROUNDS EQUIPMENT	G
HANDHELD RADIO	
TOOL	TOOL
HOSPITAL EQUIPMENT	
BED PAN DISINFECTOR	BPD
BEDS & STRETCHERS	
BED	BED
CRIB	
STRETCHER	STRH
CLINICAL EQUIPMENT	
BLOOD PRESSURE UNIT	
CART	
COMMODE/SHOWER CHAIR	COMM
COMPRESSOR	
CONDENSER/CONDENSING UNIT	CU
COOLER	COOL
FREEZER	FRZ
I.V. POLE	13.4
ICE MACHINE	IM
MEDICAL SUCTION PUMP	MSP
OR/EXAM CHAIR OR/EXAM LIGHT	EVM
	EXML
OR/EXAM TABLE PATIENT ROOM CHECK	
REFRIGERATOR	FRDG
SCALE	FRDG
WARMING CABINET	
COMPUTER EQUIPMENT	
HOUSEKEEPING EQUIPMENT	
KITCHEN EQUIPMENT	APP
BLENDER	AFF
CART	
COMPRESSOR	
CONDENSER/CONDENSING UNIT	CU
CONDENSING COIL	CONDC
CONVEYOR	CONV
COOLER	COOL
DISHWASHER	DISH
EXPANSION TANK	EXT
FREEZER	FRZ
GARBURATOR	WSTC (?)
GREASE INTERCEPTOR	GI
HOT WATER HEATER	HWH
ICE MACHINE	IM
KITCHEN HOOD EXHAUST	KEF



LOWERATOR MICROWAVE MIXER PRESSURE RELIEF VALVE/SAFETY VALVE PUMP REFRIGERATOR SOUP KETTLE STEAM BOILER STEAM BOILER STEAM KETTLE STEAMER STOVE/OVEN TOW MOTOR WATER FILTER LAB EQUIPMENT CART CENTRIFUGE CHEMICAL TANK COMPRESSOR COOLER EVAPORATOR FREEZER FILME HOOD FUME HOOD EXHAUST FAN ICE MACHINE PUMP PREFRIGERATOR ULTRASONIC CLEANER ULTRASONIC CLEANER ULTRASONIC CLEANER ULTRASONIC CLEANER UNINTERRUPTED POWER SUPPLY LAUNDRY EQUIPMENT CART LAUNDRY DRYER LAUNDRY WASHER TOW MOTOR WASHER/DRYER MACERATOR MACE AUTOCLAVE AUTOMATIC ENDOSCOPE REPROCESSOR CONVEYOR COOLER COOL EVAPORATOR MAC MDRE AUTOCLAVE AUTOMATIC ENDOSCOPE REPROCESSOR CONVEYOR CONVEYOR COOLER COOL INSTRUMENT STERILIZER PRESSURE RELIEF VALVE/SAFETY VALVE PILMP PRESSURE RELIEF VALVE/SAFETY VALVE PRES INSTW PRESSURE RELIEF VALVE/SAFETY VALVE PRV PUMP PRESSURE RELIEF VALVE/SAFETY VALVE PRV PUMP PRESSURE RELIEF VALVE/SAFETY VALVE PRV		
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WASHER/DRYER MACERATOR MAC MDRE AUTOCLAVE AUTOMATIC ENDOSCOPE REPROCESSOR CART CART WASHER COMPRESSOR CONVEYOR COOLER DEHUMIDIFIER DHUM DETERGENT PUMP INCUBATOR INSTRUMENT STERILIZER PRESSURE RELIEF VALVE/SAFETY VALVE MAC MAC MAC MAC MAC MAC MAC MAC MAC MA		LWASH
MACERATOR MDRE AUTOCLAVE AUTOMATIC ENDOSCOPE REPROCESSOR CART CART WASHER COMPRESSOR CONVEYOR COOLER DEHUMIDIFIER DHUM DETERGENT PUMP INCUBATOR INSTRUMENT STERILIZER PRESSURE RELIEF VALVE/SAFETY VALVE MAC MAC MAC MAC MAC MAC MAC MAC MAC MA		
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AUTOMATIC ENDOSCOPE REPROCESSOR CART CART WASHER COMPRESSOR CONVEYOR COOLER COOLER DEHUMIDIFIER DHUM DETERGENT PUMP INCUBATOR INSTRUMENT STERILIZER PRESSURE RELIEF VALVE/SAFETY VALVE AER AER AER AER AER INCURV CONV CONV CONV CONV CONV CONV CONV CON	MDRE	
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CART WASHER COMPRESSOR CONVEYOR COOLER DEHUMIDIFIER DHUM DETERGENT PUMP INCUBATOR INSTRUMENT STERILIZER PRESSURE RELIEF VALVE/SAFETY VALVE CONV COOL DHUM DOSE INCUBATOR INC INSTRUMENT INC INSTW PRESSURE RELIEF VALVE/SAFETY VALVE PRV	AUTOMATIC ENDOSCOPE REPROCESSOR	AER
COMPRESSOR CONVEYOR COOLER COOL DEHUMIDIFIER DHUM DETERGENT PUMP INCUBATOR INSTRUMENT STERILIZER PRESSURE RELIEF VALVE/SAFETY VALVE CONV CONV CONV CONV CONV CONV CONV CON	CART	
CONVEYOR COOLER COOL DEHUMIDIFIER DHUM DETERGENT PUMP INCUBATOR INSTRUMENT STERILIZER PRESSURE RELIEF VALVE/SAFETY VALVE CONV CONV CONV CONV CONV CONV CONV CONV	CART WASHER	
COOLER DEHUMIDIFIER DHUM DETERGENT PUMP INCUBATOR INSTRUMENT STERILIZER PRESSURE RELIEF VALVE/SAFETY VALVE COOL DHUM DOSE INUM INSTRUMENT INSTW PRESSURE RELIEF VALVE/SAFETY VALVE PRV	COMPRESSOR	
DEHUMIDIFIER DHUM DETERGENT PUMP DOSE INCUBATOR INC INSTRUMENT STERILIZER INSTW PRESSURE RELIEF VALVE/SAFETY VALVE PRV	CONVEYOR	CONV
DEHUMIDIFIER DHUM DETERGENT PUMP DOSE INCUBATOR INC INSTRUMENT STERILIZER INSTW PRESSURE RELIEF VALVE/SAFETY VALVE PRV		
DETERGENT PUMP INCUBATOR INCUBATOR INSTRUMENT STERILIZER INSTW PRESSURE RELIEF VALVE/SAFETY VALVE PRV		
INCUBATOR INC INSTRUMENT STERILIZER INSTW PRESSURE RELIEF VALVE/SAFETY VALVE PRV		
INSTRUMENT STERILIZER INSTW PRESSURE RELIEF VALVE/SAFETY VALVE PRV		
PRESSURE RELIEF VALVE/SAFETY VALVE PRV		
STERILE DRYER		
STERILIZER STER		STED
ULTRASONIC CLEANER USC		
UTENSIL WASHER		030
W/VERDIDISINIEECTOD		DACT
WASHER/DISINFECTOR		
WASHER/PASTEURIZER PAST	WATER FILTER	WH
WASHER/DISINFECTOR		PAST
	WATER FILTER	WF
WASHER/PASTEURIZER PAST		



NON-CLINICAL EQUIPMENT	
AV EQUIPMENT	
CLOCK	CLK
COOLER	COOL
FORK LIFT	
GENIE LIFT	
ICE MACHINE	IM
SCISSOR LIFT	SL
TOW MOTOR	
OPERATING ROOMS	
CART	
MEDICAL SUCTION PUMP	MSP
OR/EXAM CHAIR	
OR/EXAM LIGHT	ORL
OR/EXAM TABLE	ORT
REFRIGERATOR	FRDG
PATIENT LIFTS	PL
BATTERY	
MOBILE PATIENT LIFT	MPL
OVERHEAD PATIENT LIFT	OHPL
OVERHEAD PATIENT LIFT GANTRY	OHPLG
PATIENT LIFT SCALE	PLS
TUBLIFT	TL
PHARMACY EQUIPMENT	16
CART	
CONDENSER/CONDENSING UNIT	CU
COOLER	COOL
FREEZER	FRZ
FUME HOOD	FH
ICE MACHINE	IM
REFRIGERATOR ROOL FOLUMENT	FRDG
POOL EQUIPMENT	POOL
WASTE COMPACTOR	WSTC
WASTE COMPACTOR	WSIC
WHEELCHAIRS & WALKERS	
WALKER)A/I I O I I
WHEELCHAIR	WHCH
MECHANICAL	D. CO
BUILDING MANAGEMENT SYSTEM	BMS
INPUT DEVICES (SENSORS)	TBC
CONTROLLERS	TBC
OUTPUT DEVICES (ACTUATORS)	TBC
COMMUNICATION PROTOCOLS	TBC
USER INTERFACE	TBC
USER INTERFACE CHILLED WATER	TBC CHW
USER INTERFACE CHILLED WATER AIR SEPARATOR	TBC CHW AS
USER INTERFACE CHILLED WATER	TBC CHW
USER INTERFACE CHILLED WATER AIR SEPARATOR	TBC CHW AS
USER INTERFACE CHILLED WATER AIR SEPARATOR CHEMICAL FEED PUMP	TBC CHW AS CFE
USER INTERFACE CHILLED WATER AIR SEPARATOR CHEMICAL FEED PUMP CHILLER	TBC CHW AS CFE
USER INTERFACE CHILLED WATER AIR SEPARATOR CHEMICAL FEED PUMP CHILLER COMPRESSOR	TBC CHW AS CFE CH
USER INTERFACE CHILLED WATER AIR SEPARATOR CHEMICAL FEED PUMP CHILLER COMPRESSOR CONDENSER/CONDENSING UNIT	TBC CHW AS CFE CH
USER INTERFACE CHILLED WATER AIR SEPARATOR CHEMICAL FEED PUMP CHILLER COMPRESSOR CONDENSER/CONDENSING UNIT COOLING TOWER EVAPORATOR	TBC CHW AS CFE CH
USER INTERFACE CHILLED WATER AIR SEPARATOR CHEMICAL FEED PUMP CHILLER COMPRESSOR CONDENSER/CONDENSING UNIT COOLING TOWER EVAPORATOR EXPANSION TANK	TBC CHW AS CFE CH CU CT
USER INTERFACE CHILLED WATER AIR SEPARATOR CHEMICAL FEED PUMP CHILLER COMPRESSOR CONDENSER/CONDENSING UNIT COOLING TOWER EVAPORATOR EXPANSION TANK FAN COIL UNIT	TBC CHW AS CFE CH CU CT EXT FCU
USER INTERFACE CHILLED WATER AIR SEPARATOR CHEMICAL FEED PUMP CHILLER COMPRESSOR CONDENSER/CONDENSING UNIT COOLING TOWER EVAPORATOR EXPANSION TANK FAN COIL UNIT HEAT EXCHANGER	TBC CHW AS CFE CH CU CT EXT FCU HEX
USER INTERFACE CHILLED WATER AIR SEPARATOR CHEMICAL FEED PUMP CHILLER COMPRESSOR CONDENSER/CONDENSING UNIT COOLING TOWER EVAPORATOR EXPANSION TANK FAN COIL UNIT	TBC CHW AS CFE CH CU CT EXT FCU



VALVE	V
VARIABLE FREQUENCY DRIVE	VFD
CONDENSATE RETURN	COND
CONDENSATE TANK	CONDT
HEAT EXCHANGER	HEX
PUMP	Р
RECEIVER	CONDR
CONTROLLED PRESSURE ENVIRONMENTS	CPE
CONTROLS	IMC (?)
EXHAUST FAN	IEF (?)
FAN	FF
ISOLATION ROOM	
NEGATIVE AIR UNITS	NAU
SUPPLY FAN	SF
HEAT PUMP SYSTEMS	
CONDENSER/CONDENSING UNIT	CU
EVAPORATOR	
HEAT PUMP	HP
PUMP	Р
HEAT RECOVERY SYSTEMS	
EXPANSION TANK	EXT
FAN	F
HEAT RECOVERY UNIT	HRU
PUMP	Р
HEATING HOT WATER DISTRIBUTION	HHW
EXPANSION TANK	EXT
FAN COIL UNIT	FCU
HEAT EXCHANGER	HEX
HEATER HEATING COIL	
HOT WATER HEATER	HWH
HOT WATER HEATER	ПVVП
PRESSURE RELIEF VALVE/SAFETY VALVE	PRV
PUMP	P
UNIT HEATER	ÜH
VALVE	V
VARIABLE FREQUENCY DRIVE	VFD
HEATING HOT WATER PRODUCTION	HHW
AIR SEPARATOR	AS
BLOW DOWN TANK	710
BOILER	BLR
CHEMICAL FEED PUMP	CFE
CHEMICAL TREATMENT EQUIPMENT	J
COMPRESSOR	
EXPANSION TANK	EXT
FUEL OIL PUMP	FOP
FUEL OIL TANK	FOT
FURNACE	
HOT WATER TANK	HWT
PRESSURE RELIEF VALVE/SAFETY VALVE	PRV
PUMP	Р
VARIABLE FREQUENCY DRIVE	VFD
WATER SEPARATOR	
HVAC	
AIR CONDITIONING UNIT	ACU
AIR DRYER	ADD
AIR FILTER	AF



AIR HANDLING UNIT	AHU
AIR QUALITY METER	
AIR RECEIVER	AR
BLOWER	
COMPRESSOR	
CONDENSER/CONDENSING UNIT	CU
CONDENSING COIL	CONDC
CONTROLS	HVACTC
	(?)
COOLING COIL	CC
DEHUMIDIFIER	DHUM
EVAPORATOR	
EXHAUST FAN	EF
FAN	F
FAN COIL UNIT	FCU
FILTER	FLTR
FUME HOOD	FH
FUME HOOD EXHAUST FAN	FHEF
HEATER	
HEATING COIL	
HEPA FILTER	
HUMIDIFIER	HUM
MIXING BOX	
PRESSURE RELIEF VALVE/SAFETY VALVE	PRV
RETURN FAN	RF
SUPPLY FAN	SF
VARIABLE AIR VOLUME BOX	VAV
VARIABLE FREQUENCY DRIVE	VFD
STEAM DISTRIBUTION	
STEAM DISTRIBUTION	
HEAT EXCHANGER	HEX
PRESSURE RELIEF VALVE/SAFETY VALVE	PRV
STEAM TRAP	ST
UNIT HEATER	UH
VALVE	V CTM (2)
STEAM PRODUCTION	STM (?)
BLOW DOWN TANK	
BLOWER	
BOILER CHEMICAL FEED PUMP	BLR
CHEMICAL FEED PUMP CHEMICAL TREATMENT EQUIPMENT	CFE
	D.4
DEAERATOR	DA
DEAERATOR EXPANSION TANK	DA EXT
DEAERATOR EXPANSION TANK FEED WATER TANK	EXT
DEAERATOR EXPANSION TANK FEED WATER TANK FLASH TANK	EXT FT
DEAERATOR EXPANSION TANK FEED WATER TANK FLASH TANK FUEL OIL PUMP	EXT FT FOP
DEAERATOR EXPANSION TANK FEED WATER TANK FLASH TANK FUEL OIL PUMP FUEL OIL TANK	FT FOP FOT
DEAERATOR EXPANSION TANK FEED WATER TANK FLASH TANK FUEL OIL PUMP FUEL OIL TANK HEAT EXCHANGER	EXT FT FOP
DEAERATOR EXPANSION TANK FEED WATER TANK FLASH TANK FUEL OIL PUMP FUEL OIL TANK HEAT EXCHANGER HOT WATER TANK	FT FOP FOT HEX
DEAERATOR EXPANSION TANK FEED WATER TANK FLASH TANK FUEL OIL PUMP FUEL OIL TANK HEAT EXCHANGER HOT WATER TANK PRESSURE RELIEF VALVE/SAFETY VALVE	FT FOP FOT HEX
DEAERATOR EXPANSION TANK FEED WATER TANK FLASH TANK FUEL OIL PUMP FUEL OIL TANK HEAT EXCHANGER HOT WATER TANK PRESSURE RELIEF VALVE/SAFETY VALVE PUMP	FT FOP FOT HEX PRV P
DEAERATOR EXPANSION TANK FEED WATER TANK FLASH TANK FUEL OIL PUMP FUEL OIL TANK HEAT EXCHANGER HOT WATER TANK PRESSURE RELIEF VALVE/SAFETY VALVE PUMP VALVE	FT FOP FOT HEX
DEAERATOR EXPANSION TANK FEED WATER TANK FLASH TANK FUEL OIL PUMP FUEL OIL TANK HEAT EXCHANGER HOT WATER TANK PRESSURE RELIEF VALVE/SAFETY VALVE PUMP VALVE MEDICAL AIR, GAS & VACUUM	FT FOP FOT HEX PRV P
DEAERATOR EXPANSION TANK FEED WATER TANK FLASH TANK FUEL OIL PUMP FUEL OIL TANK HEAT EXCHANGER HOT WATER TANK PRESSURE RELIEF VALVE/SAFETY VALVE PUMP VALVE MEDICAL AIR, GAS & VACUUM INSTRUMENT AIR	FT FOP FOT HEX PRV P V
DEAERATOR EXPANSION TANK FEED WATER TANK FLASH TANK FUEL OIL PUMP FUEL OIL TANK HEAT EXCHANGER HOT WATER TANK PRESSURE RELIEF VALVE/SAFETY VALVE PUMP VALVE MEDICAL AIR, GAS & VACUUM INSTRUMENT AIR AIR DRYER	FT FOP FOT HEX PRV P V
DEAERATOR EXPANSION TANK FEED WATER TANK FLASH TANK FUEL OIL PUMP FUEL OIL TANK HEAT EXCHANGER HOT WATER TANK PRESSURE RELIEF VALVE/SAFETY VALVE PUMP VALVE MEDICAL AIR, GAS & VACUUM INSTRUMENT AIR	FT FOP FOT HEX PRV P V



CONTROLS	
CYLINDER	
PUMP	Р
LAB AIR	LAIR
AIR DRYER	AD
AIR RECEIVER	AR
COMPRESSOR	NAAID
MEDICAL AIR	MAIR
AIR DRYER	MAIRD
AIR RECEIVER	AR
COMPRESSOR	MAIRC
CYLINDER	FLTR
FILTER MEDICAL AIR TANK	FLIR
PRESSURE RELIEF VALVE/SAFETY VALVE	PRV
PUMP	PRV P
	•
MEDICAL GAS ALARM PANEL	MGAS MGASLA
BULK OXYGEN	IVIGASLA
CYLINDER	
EVAPORATOR	
MANIFOLD	
MEDICAL GAS TANK	
OUTLET	OUT
OXYGEN CONCENTRATOR	001
SHUTOFF VALVE BOX	
MEDICAL VACUUM	MVAC
AIR RECEIVER	AR
COMPRESSOR	741
CONTROLS	
MEDICAL VACUUM PUMP	MVACP
OUTLET	OUT
PLUMBING	
DOMESTIC HOT WATER	DHW
CHEMICAL FEED PUMP	CFP
EXPANSION TANK	DHWEXT
HEAT EXCHANGER	HEX
HOT WATER HEATER	HWH
HOT WATER TANK	DHWT
PRESSURE RELIEF VALVE/SAFETY VALVE	PRV
PUMP	Р
VALVE	V
VARIABLE FREQUENCY DRIVE	VFD
DOMESTIC WATER	DCW
BACKFLOW PREVENTER	BFP
EMERGENCY SHOWER	ES
EYE WASH STATION	EW
FILTER	F
PRESSURE RELIEF VALVE/SAFETY VALVE	DWPRV
PUMP	Р
VALVE	V
VARIABLE FREQUENCY DRIVE	VFD
WATER FILTER	WF
WATER SOFTENER	
SANITARY & STORM	
DRAIN	



SUMP PUMP	STSP /
	SSP
VALVE	V