

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



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Pasteurizer	23-39 43 13 37	Residuals Pasteurization Equipment	PAST	G01	Critical	Yes	TBC	No	TBC			
Patient Wandering	23-37 27 13 11	Emergency Notification Devices	PW	G03	Valued	Yes	TBC	No	TBC			
Plaster Trap	23-25 17 13 25 29	Dental Plaster Traps	PT	G02	Monitored	No	TBC	No	TBC			
Pool	23-21 29 21	Pools	POOL	G03	Valued	No	TBC	No	TBC			
Reach In Cooler	23-21 21 27 13 25	Commercial Upright Reach In Freezers	RIC	G01	Critical	Yes	TBC	No	TBC			
Refrigerator	23-21 21 27	Commercial Upright Pass Through Freezers	FRDG	G01	Critical	Yes	TBC	No	TBC			
Reverse Osmosis System	23-27 55 29 19	Reverse Osmosis Units	ROS	G01	Critical	Yes	TBC	No	TBC			
Rolling Stock	23-23 15 00	Horizontal Transportation Equipment	RS	G04	Generic	No	TBC	No	TBC			
Security Alarm	23-29 11 00	Security Detection and Monitoring	SA	G01	Critical	Yes	TBC	No	TBC			
Steam Filter	23-27 55 11	Liquid Filters	STFLTR	G01	Critical	Yes	TBC	Yes	TBC			
Steam Kettle	23-21 21 13 29	Commercial Kettles	STMK	G01	Critical	Yes	TBC	Yes	TBC			
Steamer	23-21 21 13 39	Commercial Food Steamers	STMR	G01	Critical	Yes	TBC	Yes	TBC			
Sterilizer	23-25 57 11	Sterilizer Equipment	STER	G01	Critical	Yes	TBC	Yes	TBC			
Tube Blower Motor	23-23 17 21	Pneumatic Tube Systems	TUBEB	G01	Critical	Yes	TBC	No	TBC			
Tube Station	23-23 17 21	Pneumatic Tube Systems	TUBES	G01	Critical	Yes	TBC	No	TBC			
Tube Transfer Unit	23-23 17 21	Pneumatic Tube Systems	TUBET	G01	Critical	Yes	TBC	No	TBC			
Ultrasonic Cleaner	23-25 57 11 41	Double Chamber Ultrasonic Cleaners	USC	G01	Critical	Yes	TBC	No	TBC			
Waste Compactor	23-39 45 15 17 11	Waste Compactors and Destructors	WSTC	G01	Critical	Yes	TBC	No	TBC			
Waste Dumper	23-21 39 00	Commercial Washing and Waste Disposal	WSTD	G01	Critical	Yes	TBC	No	TBC			
<b>HVAC</b>												
Air Compressor	23-27 21 00	Compressors	AC	G01	Critical	Yes	TBC	Yes	TBC			
Air Conditioning Condensing Unit	23-33 37 00	Refrigerant Condensing Units	CU	G01	Critical	Yes	TBC	No	TBC			
Air Conditioning Unit	23-33 39 00	Air Conditioning Equipment	ACU	G01	Critical	Yes	TBC	No	TBC			
Air Curtain	23-33 31 11	Air Curtains	ACUR	G01	Critical	Yes	TBC	No	TBC			
Air Dryer	23-33 47 00	Air Dryers	AD	G01	Critical	Yes	TBC	No	TBC			
Air Filter	23-27 57 27	Air Filters	AF	G02	Monitored	Yes	TBC	No	TBC			
Air Handling Unit	23-33 25 00	Air Handling Units	AHU	G01	Critical	Yes	TBC	No	TBC			
Air Receiver	23-27 29 15	Specialized Tanks	AR	G01	Critical	Yes	TBC	Yes	TBC			
Air Separator	23-27 55 35	Liquid Separators	AS	G01	Critical	Yes	TBC	No	TBC			
Air Tank	23-27 29 19	Tanks	AT	G01	Critical	Yes	TBC	Yes	TBC			
Boiler	23-33 11 00	Commercial Boilers	BLR	G01	Critical	Yes	TBC	Yes	TBC			
Building Automation System	23-27 15 00	Building Automation and Control	BAS	G02	Monitored	Yes	TBC	No	TBC			
Chemical Feed Equipment	23-39 35 00	Water and Wastewater Chemical Feed Equipment	CFE	G01	Critical	Yes	TBC	No	TBC			
Chemical Feed Tank	23-27 29 19	Tanks	CFT	G01	Critical	Yes	TBC	No	TBC			
Chilled Water Heat Exchanger	23-27 23 00	Heat Exchangers	CHWHX	G01	Critical	Yes	TBC	Yes	TBC			
Chilled Water Pump	23-27 17 00	Pumps	CHWP	G01	Critical	Yes	TBC	No	TBC			
Chiller	23-33 21 00	Chillers	CH	G01	Critical	Yes	TBC	Yes	TBC			
Chiller Condensate Pump	23-27 17 00	Pumps	CCP	G01	Critical	Yes	TBC	No	TBC			
Coil	23-33 35 00	HVAC Coils	C	G01	Critical	Yes	TBC	Yes	TBC			
Cold Deck	23-33 35 00	HVAC Coils	CD	G02	Monitored	Yes	TBC	No	TBC			
Compression Tank	23-27 29 19	Tanks	CTK	G01	Critical	Yes	TBC	Yes	TBC			
Computer Room A/C Unit	23-33 39 11 11	Room Air Conditioners	CRAC	G01	Critical	Yes	TBC	No	TBC			
Condensate Receiver	23-27 29 19	Tanks	CONDR	G01	Critical	Yes	TBC	Yes	TBC			
Condensate Tank	23-27 29 19	Tanks	COND	G01	Critical	Yes	TBC	Yes	TBC			
Condensing Coil	23-33 43 00	HVAC Condensing Units	CONDC	G01	Critical	Yes	TBC	No	TBC			
Condensing Fan Unit	23-33 43 00	HVAC Condensing Units	CONDF	G01	Critical	Yes	TBC	No	TBC			
Condensing Unit	23-33 43 00	HVAC Condensing Units	CU	G01	Critical	Yes	TBC	No	TBC			
Controlled Pressure Environment	23-27 15 19	Building Environmental Controls	CPE	G02	Monitored	Yes	TBC	No	TBC			
HVAC Cooler	23-33 45 00	HVAC Coolers	COOL	G01	Critical	Yes	TBC	No	TBC			
Cooling Coil	23-33 35 00	HVAC Coils	CC	G01	Critical	Yes	TBC	No	TBC			
Cooling Tower	23-33 23 00	Cooling Towers	CT	G01	Critical	Yes	TBC	No	TBC			
De-Aerator	23-27 55 35	Liquid Separators	DA	G01	Critical	Yes	TBC	No	TBC			
Dehumidifier	23-33 27 13	Dehumidifiers	DHUM	G01	Critical	Yes	TBC	No	TBC			
Duct Silencer	23-33 49 21 17	Ductwork Sound Attenuators	DSIL	G03	Valued	Yes	TBC	No	TBC			
Economizer	23-27 23 11	Heat Exchanger Economizers	ECON	G01	Critical	Yes	TBC	Yes	TBC			
Exhaust Volume Control Box	23-33 41 17 13	Variable Air Volume Terminal Units	EVCB	G02	Monitored	No	TBC	No	TBC			
Electric Duct Heater	23-33 15 17 11	Fuel Fired HVAC Duct Heaters	EDH	G01	Critical	Yes	TBC	No	TBC			
Electric Unit Heater	23-33 15 00	HVAC Heating Units	EUH	G03	Valued	Yes	TBC	No	TBC			
Exhaust Fan	23-33 31 19	Fans	EF	G01	Critical	Yes	TBC	No	TBC			
Expansion Tank	23-27 29 19	Tanks	EXT	G01	Critical	Yes	TBC	Yes	TBC			
Fan	23-33 31 19	Fans	F	G01	Critical	Yes	TBC	No	TBC			
Fan Coil Unit	23-33 33 11	Fan Coil Units	FCU	G01	Critical	Yes	TBC	No	TBC			
Flash Tank	23-27 29 15 13	Flash Tanks	FT	G01	Critical	Yes	TBC	Yes	TBC			
Force Flow Heater	23-33 15 27	Forced Air Electric HVAC Heaters	FF	G02	Monitored	Yes	TBC	No	TBC			
Fume Hood Exhaust Fan	23-33 31 19	Fans	FHEF	G01	Critical	Yes	TBC	No	TBC			
Heat Exchanger	23-27 23 00	Heat Exchangers	HEX	G01	Critical	Yes	TBC	Yes	TBC			
Heat Pump	23-27 17 00	Pumps	HP	G01	Critical	Yes	TBC	No	TBC			
Heat Recovery Unit	23-33 55 00	Energy HVAC Recovery Equipment	HRU	G01	Critical	Yes	TBC	No	TBC			
Hot Deck	23-33 35 00	HVAC Coils	HD	G02	Monitored	Yes	TBC	No	TBC			
Humidifier	23-33 27 15	Air Humidifiers	HUM	G01	Critical	Yes	TBC	No	TBC			
HVAC Temperature Controllers	23-27 11 11 15	Temperature Controllers	HVACTC	G03	Valued	Yes	TBC	No	TBC			
HVAC Temperature Detectors	23-27 11 11 17	Temperature Detectors	HVACTD	G03	Valued	Yes	TBC	No	TBC			
Isolation Monitor / Controls	23-35 41 00	Electrical Isolation Equipment	IMC	G02	Monitored	Yes	TBC	No	TBC			
Isolation Room Exhaust Fan	23-33 31 19	Fans	IEF	G01	Critical	Yes	TBC	No	TBC			
Kitchen Exhaust Fan	23-33 31 19	Fans	KEF	G01	Critical	Yes	TBC	No	TBC			
Manual Dampers	23-33 29 19 13	Manual Dampers	DAMP	G02	Monitored	Yes	TBC	No	TBC			
Mixing Box	23-33 41 15	HVAC Mixing Boxes	MB	G03	Valued	Yes	TBC	No	TBC			
Motorized Dampers	23-33 29 19 11	Automatically Control Dampers	DAMP	G01	Critical	Yes	TBC	No	TBC			
Negative Air Units	23-33 27 15	Air Humidifiers	NAU	G01	Critical	Yes	TBC	No	TBC			
Portable Dehumidifier	23-33 27 13 15	Portable Dehumidifiers	PDH	G01	Critical	Yes	TBC	No	TBC			
Pressure Relief Valve	23-27 31 49 11	Pressure Relief Valves	PRV	G03	Valued	No	TBC	No	TBC			
Pressurization Fan	23-33 31 19	Fans	PF	G01	Critical	Yes	TBC	No	TBC			
Radiant Heat Panel	23-33 15 17 13	Fuel Fired HVAC Radiant Heaters	RHP	G03	Valued	Yes	TBC	No	TBC			
Radiant Heating System	23-33 15 17 13	Fuel Fired HVAC Radiant Heaters	RHS	G03	Valued	Yes	TBC	No	TBC			
Radiological Exhaust Fan	23-33 31 19	Fans	REF	G01	Critical	Yes	TBC	No	TBC			
Refrigerant Controller	23-33 51 11	Refrigerant Monitors	REFC	G02	Monitored	Yes	TBC	No	TBC			
Refrigerant Detection System	23-33 51 11	Refrigerant Monitors	REFD	G02	Monitored	Yes	TBC	No	TBC			
Return Fan	23-33 31 19	Fans	RF	G01	Critical	Yes	TBC	No	TBC			
Safety Valve	23-27 31 53	Safety Valves	SV	G03	Valued	No	TBC	No	TBC			
Stairwell Pressurization Fan	23-33 31 19	Fans	SPF	G01	Critical	Yes	TBC	No	TBC			
Steam Heating Coil	23-33 35 00	HVAC Coils	SHC	G01	Critical	Yes	TBC	No	TBC			
Supply Air Intake	23-33 49 27	Ventilators	SAI	G04	Generic	Yes	TBC	No	TBC			
Supply Fan	23-33 31 19	Fans	SF	G01	Critical	Yes	TBC	No	TBC			
Terminal Heating Unit	23-33 15 00	HVAC Heating Units	THU	G01	Critical	Yes	TBC	No	TBC			
Toilet Exhaust Fan	23-33 31 19	Fans	TEF	G01	Critical	Yes	TBC	No	TBC			
Unit Heater	23-33 15 00	HVAC Heating Units	UH	G01	Critical	Yes	TBC	No	TBC			
Variable Air Volume Box	23-33 41 17 13	Variable Air Volume Terminal Units	VAV	G01	Critical	Yes	TBC	No	TBC			
<b>Life Safety</b>												
Alarm Panel	23-29 31 13	Fire Alarm Control Panels	AP	G01	Critical	Yes	TBC	No	TBC			
Carbon Monoxide Alarm Systems	23-27 11 17 17	Other Gas Concentration Measuring Instruments	COALRM	G01	Critical	Yes	TBC	No	TBC			
CO2	23-27 11 17 13	Carbon Dioxide (CO2) Concentration Measuring Instruments	CO2SEN	G01	Critical	Yes	TBC	No	TBC			
NO2 Sensor	23-27 11 17 17	Other Gas Concentration Measuring Instruments	NO2SEN	G01	Critical	Yes	TBC	No	TBC			
Dry Pipe Sprinkler System	23-29 33 00	Fire Suppression System Components	DPSS	G03	Valued	Yes	TBC	No	TBC			
Duct Smoke Detector	23-29 29 13 11	Smoke Detectors	DSD	G02	Monitored	Yes	TBC	No	TBC			
Emergency Lighting	23-35 47 13	Emergency Lighting	EML	G02	Monitored	Yes	TBC	No	TBC			
Exit Light	23-35 47 15	Exit Illuminated Signs	EXL	G02	Monitored	Yes	TBC	No	TBC			
Fire Alarm Annunciator	23-29 31 11	Fire Alarm Annunciator Panels	FAAN	G01	Critical	Yes	TBC	No	TBC			
Fire Alarm Flow Switch	23-29 29 15	Fire Switches	FAFS	G03	Valued	Yes	TBC	No	TBC			
Fire Alarm Magnetic Door Holder	23-17 19 11 31 15	Electromagnetic Door Holders	FAMAG	G03	Valued	Yes	TBC	No	TBC			
Fire Alarm System	23-29 33 00	Fire Suppression System Components	FAS	G01	Critical	Yes	TBC	No	TBC			
Fire Alarm Control Panels	23-29 31 13	Fire Alarm Control Panels	FAPNL	G01	Critical	No	TBC	No	TBC			



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Fire Department Connection	23-29 25 15 19 13	Fire Fighting Pumper Connections	FDC	G03	Valued	Yes	TBC	No	TBC	
Fire Doors	23-17 11 31	Fire Doors	FDRS	G02	Monitored	Yes	TBC	No	TBC	
Fire Extinguisher	23-29 25 19	Fire Extinguishers	FEXT	G04	Generic	Yes	TBC	No	TBC	
Fire Hose Cabinet	23-29 25 15 15	Cabinets for Fire Hoses	FHC	G03	Valued	No	TBC	No	TBC	
Fire Hydrant	23-29 25 13	Fire Hydrants	HYD	G02	Monitored	Yes	TBC	No	TBC	
Fire Protection Backflow Preventor	23-27 31 11	Backflow Preventors	FPBFP	G01	Critical	No	TBC	No	TBC	
Fire Protection Dry -Air Compressor	23-27 21 00	Compressors	FPDAC	G01	Critical	Yes	TBC	Yes	TBC	
Fire Protection Water Pump	23-27 17 00	Pumps	FPWP	G01	Critical	Yes	TBC	No	TBC	
Fire Protection Water Storage Tank	23-27 29 19	Tanks	FPWT	G01	Critical	Yes	TBC	Yes	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	23-29 33 00	Fire Suppression System Components	FSRP	G03	Valued	Yes	TBC	No	TBC	
Fire Suppression	23-29 33 00	Fire Suppression System Components	FSUPP	G02	Monitored	Yes	TBC	No	TBC	
Fire Switches	23-29 29 15	Fire Switches	FASW	G02	Monitored	No	TBC	No	TBC	
Fire System Damper	23-33 29 23	Fire Dampers	FDAMP	G02	Monitored	No	TBC	No	TBC	
Fixed Dry Chemical Extinguishing System	23-29 33 13 19	Dry Chemical Fire Suppression Equipment	FDCESE	G02	Monitored	Yes	TBC	No	TBC	
Fixed Wet Chemical Extinguishing System	23-29 33 13 17	Wet Chemical Fire Suppression Equipment	FWCESE	G02	Monitored	Yes	TBC	No	TBC	
Foam Water Sprinkler System	23-29 33 00	Fire Suppression System Components	FWSS	G02	Monitored	Yes	TBC	No	TBC	
Gas Detector	23-39 35 11 17	Gas Storage, Weighing, and Leak Detecti	GD	G01	Critical	Yes	TBC	No	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	23-27 17 00	Pumps	JP	G01	Critical	Yes	TBC	No	TBC	
Jockey Pump Controllers	23-29 31 35	Jockey Pump Controllers	JPC	G02	Monitored	Yes	TBC	No	TBC	
Kitchen Hood Fire Suppression	23-33 31 17	Exhaust Hood Fire Suppression System	KHFS	G01	Critical	Yes	TBC	No	TBC	
Kitchen Suppression System	23-33 31 17	Exhaust Hood Fire Suppression System	KSS	G01	Critical	Yes	TBC	No	TBC	
Standpipe	23-29 25 15 19 11	Fire Fighting Standpipes	STP	G03	Valued	Yes	TBC	No	TBC	
Wet Pipe Sprinkler System	23-29 33 00	Fire Suppression System Components	WPSS	G02	Monitored	Yes	TBC	No	TBC	
<b>Medical Gas</b>										
Liquid Nitrogen Tank	23-27 29 19	Tanks	LNT	G01	Critical	Yes	TBC	Yes	TBC	
Liquid Oxygen System Equipment	23-39 35 11 25	Liquid Oxygen Storage and Feed Equipme	LOS	G01	Critical	Yes	TBC	Yes	TBC	
Liquid Oxygen Tank	23-27 29 19	Tanks	LOT	G01	Critical	Yes	TBC	Yes	TBC	
Medical Air Compressor	23-25 11 13 29 17	Oxygen Compressors	MAIRC	G01	Critical	Yes	TBC	Yes	TBC	
Medical Air Dryer	23-33 47 00	Air Dryers	MAIRD	G01	Critical	Yes	TBC	No	TBC	
Medical Air Outlet	23-33 49 21 11	Air Outlets and Inlets	MAIRO	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	MVACP	G01	Critical	Yes	TBC	No	TBC	
Nitrogen Cylinder Manifold	23-25 33 23	Medical Gas Manifolds	NCM	G02	Monitored	No	TBC	No	TBC	
Nitrous Oxide Cylinder Manifold	23-25 33 23	Medical Gas Manifolds	N2OCM	G02	Monitored	No	TBC	No	TBC	
Nitrous Oxide Equipment	23-25 33 00	Medical Gas Products	NO2E	G01	Critical	Yes	TBC	No	TBC	
Nitrous Oxide Outlet	23-25 33 25	Medical Gas Outlets	N2OMO	G03	Valued	Yes	TBC	No	TBC	
Oxygen Cylinder Manifold	23-25 33 23	Medical Gas Manifolds	O2CM	G02	Monitored	No	TBC	No	TBC	
Oxygen Outlet	23-25 33 25	Medical Gas Outlets	O2MO	G03	Valued	Yes	TBC	No	TBC	
Vacuum Outlet	23-33 49 21 11	Air Outlets and Inlets	MVACO	G03	Valued	Yes	TBC	No	TBC	
Vacuum Tank	23-27 29 19 11 13	Multiple Walled Vacuum Tanks	VACT	G01	Critical	Yes	TBC	Yes	TBC	
Dental Vacuum	23-25 17 13 25 41	Dental Vacuum Units	DVAC	G01	Critical	Yes	TBC	No	TBC	
High Press Nitro Equipment	23-25 69 13 21 11	Liquid Nitrogen Dewars	HPN	G02	Monitored	Yes	TBC	No	TBC	
Liquid Nitrogen System Equipment	23-25 69 13 21 25	Liquid Nitrogen Freezers	LNS	G02	Monitored	Yes	TBC	No	TBC	
<b>Patient Care</b>										
Bed	23-25 45 11 11	Patient Beds	BED	G01	Critical	Yes	TBC	No	TBC	
Blanket Warmer	23-25 29 13 19 27	Therapeutic Heating Blankets	BW	G01	Critical	Yes	TBC	No	TBC	
Carbon Dioxide Equipment	23-39 35 11 21	Carbon Dioxide Gas Feed Equipment	CO2E	G01	Critical	Yes	TBC	No	TBC	
Commode	23-25 45 11 17 13	Patient's Combination Toilets	COMM	G03	Valued	No	TBC	No	TBC	
Medical Suction Pump	23-25 11 13 33 19	Intubation Suction Pumps	MSP	G01	Critical	Yes	TBC	No	TBC	
Operating Room Table	23-25 59 11 15 15	Surgical Operating Tables	ORT	G01	Critical	Yes	TBC	No	TBC	
Exam Light	23-25 59 13 17	Surgical Lighting Fixtures	EXML	G01	Critical	Yes	TBC	No	TBC	
Or Light	23-25 59 13 17 11	Surgical Operating Room Lighting Fixtures	ORL	G01	Critical	Yes	TBC	No	TBC	
Regulators	23-25 47 13 17 49	Patient Thermoregulators	REG	G01	Critical	Yes	TBC	No	TBC	
Wheelchair	23-25 49 11 25	Wheelchairs	WHCH	G02	Monitored	No	TBC	No	TBC	
Mobile Patient Lift	23-25 49 13	Patient Lifts	MPL	G01	Critical	Yes	TBC	No	TBC	
Overhead Patient Lift	23-25 49 13	Patient Lifts	OHPL	G01	Critical	Yes	TBC	No	TBC	
Overhead Patient Lift Gantry	23-25 49 13	Patient Lifts	OHPLG	G01	Critical	Yes	TBC	No	TBC	
Patient Lift Scale	23-25 49 13	Patient Lifts	PLS	G01	Critical	Yes	TBC	No	TBC	
Patient Lifts	23-25 49 13	Patient Lifts	PL	G01	Critical	Yes	TBC	No	TBC	
Stretcher	23-25 49 11 21	Patient Stretchers	STRH	G01	Critical	Yes	TBC	No	TBC	
Surgical Booms	23-25 59 13	Surgical Equipment	BOOM	G01	Critical	Yes	TBC	No	TBC	
Tub Lift	23-25 49 13	Patient Lifts	TL	G01	Critical	Yes	TBC	No	TBC	
<b>Plumbing</b>										
Acid Neutralization Tank	23-27 29 19	Tanks	ANT	G01	Critical	Yes	TBC	Yes	TBC	
Backflow Preventer	23-27 31 11	Backflow Preventors	BFP	G01	Critical	Yes	TBC	No	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-Ionized Water System	23-27 55 21	Liquid Deionizers	DIS	G01	Critical	Yes	TBC	No	TBC	
Domestic Hot Water Expansion Tank	23-31 29 13	Hot Water Tank Heaters	DHWEXT	G01	Critical	Yes	TBC	Yes	TBC	
Domestic Hot Water Recirculation Pump	23-27 17 00	Pumps	DHWRP	G01	Critical	Yes	TBC	No	TBC	
Domestic Hot Water Tank	23-31 29 13	Hot Water Tank Heaters	DHWT	G01	Critical	Yes	TBC	Yes	TBC	
Domestic Water Bladder Tank	23-27 29 19	Tanks	DWBT	G01	Critical	Yes	TBC	Yes	TBC	
Domestic Water Pressure Reducing Valve	23-27 31 47	Pressure Regulating Valves	DWPRV	G01	Critical	Yes	TBC	No	TBC	
Domestic Water Storage Tank	23-27 29 19	Tanks	DWT	G01	Critical	Yes	TBC	Yes	TBC	
Elevator Sump Pump	23-27 17 35 11	Submersible Sewage Ejectors	ESP	G01	Critical	Yes	TBC	No	TBC	
Gas Fired Domestic Hot Water Heater	23-31 29 11 13	Gas Instantaneous Hot Water Heaters	GFDWH	G01	Critical	Yes	TBC	Yes	TBC	
Glycol Pump	23-27 17 00	Pumps	GLP	G01	Critical	Yes	TBC	No	TBC	
Heating Hot Water Pump	23-27 17 00	Pumps	HHWP	G01	Critical	Yes	TBC	No	TBC	
Hose Bibb	23-29 25 15 19	Fire Hose Connectors	HB	G04	Generic	No	TBC	No	TBC	
Hot Water Heater	23-31 29 11	Instantaneous Hot Water Heaters	HWH	G01	Critical	Yes	TBC	Yes	TBC	
Hot Water Pump	23-27 17 00	Pumps	HWP	G01	Critical	Yes	TBC	No	TBC	
Hot Water Recirculation Pump	23-27 17 00	Pumps	HWRP	G01	Critical	Yes	TBC	No	TBC	
Hot Water Unit Heater	23-31 29 11	Instantaneous Hot Water Heaters	HUH	G01	Critical	Yes	TBC	Yes	TBC	
Hydraulic Oil Pump	23-27 17 00	Pumps	HOP	G01	Critical	Yes	TBC	No	TBC	
Hydraulic Oil Tank	23-27 29 19	Tanks	HOT	G01	Critical	Yes	TBC	No	TBC	
Irrigation Sprinkler System	23-11 27 15 11	Irrigation Sprinklers	ISS	G03	Valued	Yes	TBC	No	TBC	
Pump	23-27 17 00	Pumps	P	G01	Critical	Yes	TBC	No	TBC	
Pump Station	23-39 31 11 11	Packaged Pumping Stations	PSTN	G01	Critical	Yes	TBC	No	TBC	
Sand Filter	23-27 55 11	Liquid Filters	SDF	G02	Monitored	Yes	TBC	Yes	TBC	
Sanitary Sump Pump	23-27 17 35 11	Submersible Sewage Ejectors	SSP	G01	Critical	Yes	TBC	No	TBC	
Secondary Chilled Water Pump	23-27 17 00	Pumps	CHWSP	G01	Critical	Yes	TBC	No	TBC	
Sediment Interceptor	23-39 37 15	Sediment Removal Equipment	SEDINT	G03	Valued	Yes	TBC	No	TBC	
Steam Domestic Water Heater	23-27 25 15	Liquid Steam Heaters	SDWH	G01	Critical	Yes	TBC	Yes	TBC	
Steam Trap	23-27 37 15	Steam Traps	ST	G02	Monitored	Yes	TBC	No	TBC	
Storage Tank	23-27 29 19	Tanks	STO	G01	Critical	Yes	TBC	Yes	TBC	

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Project				Date						
Project Number				Revision						
Asset Description	Omniclass	Acronym	COBie	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	

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Project	
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G01	Critical: Critical to the function and use of the building, or safety of its occupants and users. Damage or operational failure of the asset may result in building evacuation, loss of productivity, or a threat to life. This would typically relate to major plant & equipment, and critical assets central to life-safety systems.
G02	Monitored: A service asset that is not critical as failures will not result in building evacuation or loss of productivity but is a specific asset that may be under a manufacturer guarantee and / or cannot be replaced or maintained without product manufacturer information and performance specifications.
G03	Valued: An asset that is neither critical to building occupation or complex to replace and maintain, but information for future replacement needs to be known. Typically, a high value or specialist asset of significant investment where records relating to specification and replacement costs are desirable.
G04	Generic: A non-critical and non-specific service asset that can be easily replaced and at low cost. A general fixture that is not dependant on manufacturer or performance specific information to procure, but may still be included as part of a broader planned and preventative maintenance regime.
N/A	No requirement for information.

Tab	Field	G01	G02	G03	G04	N/A	
Asset	Type	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
		AssetType	Yes	Yes	Yes	Yes	No
		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
		Component	Name	Yes	Yes	Yes	Yes
	CreatedBy		Yes	Yes	Yes	Yes	No
	CreatedOn		Yes	Yes	Yes	Yes	No
	TypeName		Yes	Yes	Yes	Yes	No
	Space		Yes	Yes	Yes	Yes	No
	Description		Yes	Yes	Yes	Yes	No
	SerialNumber		Yes	No	No	No	No
	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
	System	Name	TBC	TBC	TBC	TBC	No
		CreatedBy	TBC	TBC	TBC	TBC	No
		CreatedOn	TBC	TBC	TBC	TBC	No
		Category	TBC	TBC	TBC	TBC	No
		ComponentNames	TBC	TBC	TBC	TBC	No

Document Number						
Project						
Project Number						
G01	Critical: Critical to the function and use of the building, or safety of its occupants and users. Damage or operational failure of the asset may result in building evacuation, loss of productivity, or a threat to life. This would typically relate to major plant & equipment, and critical assets central to life-safety systems.					
G02	Monitored: A service asset that is not critical as failures will not result in building evacuation or loss of productivity but is a specific asset that may be under a manufacturer guarantee and / or cannot be replaced or maintained without product manufacturer information and performance specifications.					
G03	Valued: An asset that is neither critical to building occupation or complex to replace and maintain, but information for future replacement needs to be known. Typically, a high value or specialist asset of significant investment where records relating to specification and replacement costs are desirable.					
G04	Generic: A non-critical and non-specific service asset that can be easily replaced and at low cost. A general fixture that is not dependant on manufacturer or performance specific information to procure, but may still be included as part of a broader planned and preventative maintenance regime.					
N/A	No requirement for information.					
Tab	Field	G01	G02	G03	G04	N/A
	Description	TBC	TBC	TBC	TBC	No



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Project					Date					
Project Number					Revision					
Tab	Field	Req'd?	Responsibility	Stage	Description / Comments	Formatted Example	CMMS Field (FHA)			
Common	Contact	Email	Yes	All Parties	Design	Email contact	name@email.com	Not mapped.		
		CreatedBy	Yes	All Parties	Design	Email contact reference	name@email.com	Not mapped.		
		CreatedOn	Yes	All Parties	Design	Date created	2009 02 12T11:00:00	Not mapped.		
		Category	Yes	All Parties	Design	Omniclass Table 33: Discipline	34-55 14 11: Consultant	Not mapped.		
		Company	Yes	All Parties	Design	Organisation Name	BIM Academy	Not mapped.		
		Phone	Yes	All Parties	Design	Phone number	0191 269 5454	Not mapped.		
		Department	No					Not mapped.		
		OrganizationCode	No					Not mapped.		
		GivenName	Yes	All Parties	Design	First name	Melanie	Not mapped.		
		FamilyName	Yes	All Parties	Design	Surname	Robinson	Not mapped.		
		Street	No					Not mapped.		
		PostalBox	No					Not mapped.		
		Town	No					Not mapped.		
		StateRegion	No					Not mapped.		
		PostalCode	No					Not mapped.		
		Country	No					Not mapped.		
Spatial	Facility	Name	Yes	Task Team (Design)	Design	Building name, specified by FMO; inputted by team.	1491	AS_LOCATION		
		CreatedBy	Yes	Task Team (Design)	Design	Email contact reference	name@email.com	Not mapped.		
		CreatedOn	Yes	Task Team (Design)	Design	Date created	2009 02 12T11:00:00	Not mapped.		
		Category	Yes	Task Team (Design)	Design	Omniclass Table 11: Entities by Function	11-13 24 14: Clinic	Not mapped.		
		ProjectName	Yes	Task Team (Design)	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.		
		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.		
		AreaMeasurement	Yes	Task Team (Design)	Design	Measurement method used to calculate spatial area measurement	Revit default area calculation method	Not mapped.		
		Description	No					Not mapped.		
		ProjectDescription	No					Not mapped.		
		SiteDescription	No					Not mapped.		
		Phase	No					Not mapped.		
		Spatial	Floor	Name	Yes	Task Team (Design)	Design	As per FSS Drawing Services Naming Conventions – Floor Naming and Room Numbering Standards.	03	AS_LOCATION
CreatedBy	Yes			Task Team (Design)	Design	Email contact reference	name@email.com	Not mapped.		
CreatedOn	Yes			Task Team (Design)	Design	Date created	2009 02 12T11:00:00	Not mapped.		
Category	Yes			Task Team (Design)	Design	Classification of floor type, i.e. floor, 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							Not mapped.		
Spatial	Space			Name	Yes	Task Team (Design)	Design	Room Number, as per Room Numbering Standards.	307	AS_LOCATION
				CreatedBy	Yes	Task Team (Design)	Design	Email contact reference	name@email.com	Not mapped.
				CreatedOn	Yes	Task Team (Design)	Design	Date created	2009 02 12T11:00:00	Not mapped.
				Category	Yes	Task Team (Design)	Design	Omniclass Table 13: Spaces by Function	13-65 11 00 On-call Room	Not mapped.
				FloorName	Yes	Task Team (Design)	Design	Referenced from Floor tab	03	Not mapped.
				Description	Yes	Task Team (Design)	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	Yes	Task Team (Design)	Design	Gross Area of Space	10	Not mapped.
		NetArea	Yes	Task Team (Design)	Design	Net Area of Space	9	Not mapped.		
		Name	No					Not mapped.		
		CreatedBy	No					Not mapped.		
		CreatedOn	No					Not mapped.		
		Category	No					Not mapped.		
		SpaceNames	No					Not mapped.		
		Description	No					Not mapped.		
Type	Type	Name	Yes	Task Team (Design)	Design	Unique ID of Type	CHW-P-15HP	Not mapped.		
		CreatedBy	Yes	Task Team (Design)	Design	Referenced from Contact.Email	name@email.com	Not mapped.		
		CreatedOn	Yes	Task Team (Design)	Design	Date created	2009 02 12T11:00:00	Not mapped.		
		Category	Yes	Task Team (Design)	Design	Omniclass Table 23: Products	23-27 17 00 Pumps	HIERARCHYPATH		
		Description	Yes	Task Team (Design)	Design	Plain language descriptor of Type	Pump, Chilled Water (15HP)	Not mapped.		
		AssetType	Yes	Task Team (Design)	Design	Fixed or Movable	Fixed	Not mapped.		
		Manufacturer	Yes	Task Team (Construction)	Install	Referenced from Contact.Email	info@name.com	AS_MANUFACTURER		
		ModelNumber	Yes	Task Team (Construction)	Install	Model number, as provided by manufacturer	8X8X13 4300	FHA_MODEL		
		WarrantyGuarantorParts	No							
		WarrantyDurationParts	No							
		WarrantyGuarantorLabor	No							
		WarrantyDurationLabor	No							
		WarrantyDurationUnit	No							
		ReplacementCost	Yes	Task Team (Construction)	Install	Manufacturer's suggested retail price.	500	PURCHASEPRICE		
		Expected Life	Yes	Task Team (Construction)	Install	Expected life of the equipment, FMO has expected life by classification if this information is not available	25	EXPECTEDLIFE		
		DurationUnit	Yes	Task Team (Construction)	Install	Unit of measure	Yrs	Not mapped.		
		WarrantyDescription	Yes	Task Team (Construction)	Install	Plain language description of warranty.	1 year labour, 2 years parts	DESCRIPTION_LONGDESCRIPTION		
		NominalLength	No							
		NominalWidth	No							
		NominalHeight	No							
		ModelReference	Yes	Task Team (Construction)	Install	Name of product vendor / supplier.	Organization Name	VENDOR		
		Shape	No					Not mapped.		
		Size	No					Not mapped.		
		Color	No					Not mapped.		
		Finish	No					Not mapped.		
		Grade	No					Not mapped.		
Material	No					Not mapped.				
Constituents	No					Not mapped.				
Features	No					Not mapped.				
AccessibilityPerformance	No					Not mapped.				
CodePerformance	No					Not mapped.				
SustainabilityPerformance	No					Not mapped.				

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Project					Date				
Project Number					Revision				
Tab	Field	Req'd?	Responsibility	Stage	Description / Comments	Formatted Example	CMMS Field (FHA)		
Asset	Component	Name	Yes	Task Team (Design)	Design	Unique ID of component, based on the asset naming convention in Appendix	CHW-P-15HP-01	Not mapped.	
		CreatedBy	Yes	Task Team (Design)	Design	Email contact reference	name@email.com	Not mapped.	
		CreatedOn	Yes	Task Team (Design)	Design	Date created	2009 02 12T11:00:00	Not mapped.	
		TypeName	Yes	Task Team (Design)	Design	Referenced from Type.Name.	CHW-P-15HP	Not mapped.	
		Space	Yes	Task Team (Design)	Design	Referenced from Space.Name.	307	Not mapped.	
		Description	Yes	Task Team (Design)	Design	Plain language description. Refer to asset naming convention in Appendix 1U.	Pump, Chilled Water (P-01)	AS_DESCRIPTION	
		SerialNumber	Yes	Task Team (Construction)	Install	Serial number on the asset nameplate.	1018327001	SERIALNUM	
		InstallationDate	Yes	Task Team (Construction)	Install	Date installed	2009 02 12T11:00:00	INSTALLDATE	
		WarrantyStartDate	Yes	Task Team (Construction)	Install	Date of warranty expiry	2009 02 12T11:00:00	WARRANTYEXPDATE	
		TagNumber	Yes	Task Team (Design)	Install	ID based on Location and Name information. Refer to asset naming convention in Appendix 1U.	1491-03-P-CHW-15HP-01	ASSETTAG	
		Barcode	Yes	FMO	Install	Unique ID on labels that will be used as the Maximo Asset number.	FH008978	ASSETNUM	
		AssetIdentifier	Yes	Task Team (Design)	Install	Full classification path from Attachment 10.	MECHANICAL \ CHILLED WATER \ PUMP	HIERARCHYPATH	
		System	Name	Yes	Task Team (Design)	Design	Unique ID of system	CHW	Not mapped.
			CreatedBy	Yes	Task Team (Design)	Design	Email contact reference	name@email.com	Not mapped.
CreatedOn	Yes		Task Team (Design)	Design	Date created	2009 02 12T11:00:00	Not mapped.		
Category	Yes		Task Team (Design)	Design	E.g. Omniclass Table 21: Elements	21 XX XX XX Chilled Water	Not mapped.		
ComponentNames	Yes		Task Team (Design)	Design	Multiple components referenced from Component.Name	CHW-P-01, CHW-P-02, CHW-P-03	Not mapped.		
Description	Yes		Task Team (Design)	Design	Plain language description of system	Chilled Water System	Not mapped.		
PRESSUREVESSEL									
Attribute	Name	Yes	Task Team (Construction)	Install	Unique name of attribute	Pressure Vessel No.	Not mapped.		
	CreatedBy	Yes	Task Team (Construction)	Install	Email contact reference	name@email.com	Not mapped.		
	CreatedOn	Yes	Task Team (Construction)	Install	Date created	2009 02 12T11:00:00	Not mapped.		
	Category	Yes	Task Team (Construction)	Install	Default values are: as built, submitted, approved, exact requirement, maximum requirement, minimum requirement, and requirement.	Approved	Not mapped.		
	SheetName	Yes	Task Team (Construction)	Install	Reference to specific COBie tab	Type	Not mapped.		
	RowName	Yes	Task Team (Construction)	Install	Reference to specific row in specified COBie tab	CHW-P-01	Not mapped.		
	Value	Yes	Task Team (Construction)	Install	Number for input	1234567890	DESCRIPTION_LONGDESCRIPTION		
	Unit	No					Not mapped.		
	Description	No					Not mapped.		
	AllowedValues	No					Not mapped.		
	FHA_RISKCAT								
Name	Yes	FMO	Install	Unique name of attribute	RHA_RISKCAT	Not mapped.			
CreatedBy	Yes	FMO	Install	Email contact reference	name@email.com	Not mapped.			
CreatedOn	Yes	FMO	Install	Date created	2009 02 12T11:00:00	Not mapped.			
Category	Yes	FMO	Install	Default values are: as built, submitted, approved, exact requirement, maximum requirement, minimum requirement, and requirement.	Approved	Not mapped.			
SheetName	Yes	FMO	Install	Reference to specific COBie tab	Type	Not mapped.			
RowName	Yes	FMO	Install	Reference to specific row in specified COBie tab	CHW-P-01	Not mapped.			
Value	Yes	FMO	Install	BOILER & PV	BOILER & PV	FHA_RISKCAT			
Unit	No					Not mapped.			
Description	No					Not mapped.			
AllowedValues	Yes	FMO	Install	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.			



























<b>ARCHITECTURAL</b>	
BUILDING ENVELOPE	BLDGE
BUILDING INTERIOR	
DOORS	
AUTOMATIC DOOR	ADR
BATTERY	
OVERHEAD DOOR	OHDR
GROUND	
DRAIN	
IRRIGATION SPRINKLER	IRR
HELIPORT/HELIPAD	HPD
ROOFS	ROOF
DRAIN	
SECURITY	
SECURITY ALARM	SA
<b>CLINICAL COMMUNICATION</b>	
NURSE CALL SYSTEM	NC
CODE BLUE	CODEB
NURSE CALL	NC
PAGING SYSTEMS	PAGE
PATIENT SAFETY	
BED ALARM	
TUBE SYSTEM	
BLOWER STATION	TUBEB
TRANSFER UNIT	TUBET
<b>ELECTRICAL</b>	
ELECTRICAL DISTRIBUTION SYSTEM	
CAPACITOR	CAP
CIRCUIT BREAKER	CB
DISTRIBUTION PANEL	DP
MOTOR CONTROL CENTRE	MCC
PANELBOARD	P
SWITCH	S
SWITCHGEAR	SWG
TRANSFER SWITCH	TSW
TRANSFORMER	T
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
<b>ELEVATORS</b>	
DUMBWAITER	DUMB
ELEVATOR	ELEV
PHONE	
<b>FIRE EQUIPMENT &amp; LIFE SAFETY</b>	
EMERGENCY LIGHT	EML
FIRE ALARM SYSTEM	FAS
BATTERY	

FIRE DOOR	FDRS
FIRE SUPPRESSION	FSUPP
COMPRESSOR	FPDAC (?)
EXHAUST FAN	EF
FIRE DAMPER	FDAMP
FIRE SPRINKLER SYSTEM	
PUMP	FJP (?)
GAS DETECTOR	GD
<b>FMO EQUIPMENT &amp; TOOLS</b>	
CART	
GENIE LIFT	
GROUNDS EQUIPMENT	G
HANDHELD RADIO	
TOOL	TOOL
<b>HOSPITAL EQUIPMENT</b>	
BED PAN DISINFECTOR	BPD
BEDS & STRETCHERS	
BED	BED
CRIB	
STRETCHER	STRH
CLINICAL EQUIPMENT	
BLOOD PRESSURE UNIT	
CART	
COMMUNE/SHOWER CHAIR	COMM
COMPRESSOR	
CONDENSER/CONDENSING UNIT	CU
COOLER	COOL
FREEZER	FRZ
I.V. POLE	
ICE MACHINE	IM
MEDICAL SUCTION PUMP	MSP
OR/EXAM CHAIR	
OR/EXAM LIGHT	EXML
OR/EXAM TABLE	
PATIENT ROOM CHECK	
REFRIGERATOR	FRDG
SCALE	
WARMING CABINET	
COMPUTER EQUIPMENT	
HOUSEKEEPING EQUIPMENT	
KITCHEN EQUIPMENT	APP
BLENDER	
CART	
COMPRESSOR	
CONDENSER/CONDENSING UNIT	CU
CONDENSING COIL	COND
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	PRV
PUMP	P
REFRIGERATOR	FRDG
SOUP KETTLE	
STEAM BOILER	BLR (?)
STEAM KETTLE	STMK
STEAM TABLE	
STEAMER	STMR
STOVE/OVEN	OVEN
TOW MOTOR	
WATER FILTER	WF
LAB EQUIPMENT	
CART	
CENTRIFUGE	
CHEMICAL TANK	CFT
COMPRESSOR	
COOLER	COOL
EVAPORATOR	
FREEZER	FRZ
FUME HOOD	FH
FUME HOOD EXHAUST FAN	FHEF
ICE MACHINE	IM
PUMP	P
REFRIGERATOR	FRDG
ULTRASONIC CLEANER	USC
UNINTERRUPTED POWER SUPPLY	UPS
LAUNDRY EQUIPMENT	
CART	
LAUNDRY DRYER	LDRY
LAUNDRY WASHER	LWASH
TOW MOTOR	
WASHER/DRYER	
MACERATOR	MAC
MDRE	
AUTOCLAVE	
AUTOMATIC ENDOSCOPE REPROCESSOR	AER
CART	
CART WASHER	
COMPRESSOR	
CONVEYOR	CONV
COOLER	COOL
DEHUMIDIFIER	DHUM
DETERGENT PUMP	DOSE
INCUBATOR	INC
INSTRUMENT STERILIZER	INSTW
PRESSURE RELIEF VALVE/SAFETY VALVE	PRV
PUMP	P
STERILE DRYER	
STERILIZER	STER
ULTRASONIC CLEANER	USC
UTENSIL WASHER	
WASHER/DISINFECTOR	
WASHER/PASTEURIZER	PAST
WATER FILTER	WF



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

VALVE	V
VARIABLE FREQUENCY DRIVE	VFD
CONDENSATE RETURN	COND
CONDENSATE TANK	CONDT
HEAT EXCHANGER	HEX
PUMP	P
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	P
HEAT RECOVERY SYSTEMS	
EXPANSION TANK	EXT
FAN	F
HEAT RECOVERY UNIT	HRU
PUMP	P
HEATING HOT WATER DISTRIBUTION	HHW
EXPANSION TANK	EXT
FAN COIL UNIT	FCU
HEAT EXCHANGER	HEX
HEATER	
HEATING COIL	
HOT WATER HEATER	HWH
HOT WATER TANK	
PRESSURE RELIEF VALVE/SAFETY VALVE	PRV
PUMP	P
UNIT HEATER	UH
VALVE	V
VARIABLE FREQUENCY DRIVE	VFD
HEATING HOT WATER PRODUCTION	HHW
AIR SEPARATOR	AS
BLOW DOWN TANK	
BOILER	BLR
CHEMICAL FEED PUMP	CFE
CHEMICAL TREATMENT EQUIPMENT	
COMPRESSOR	
EXPANSION TANK	EXT
FUEL OIL PUMP	FOP
FUEL OIL TANK	FOT
FURNACE	
HOT WATER TANK	HWT
PRESSURE RELIEF VALVE/SAFETY VALVE	PRV
PUMP	P
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
STEAM PRODUCTION	STM (?)
BLOW DOWN TANK	
BLOWER	
BOILER	BLR
CHEMICAL FEED PUMP	CFE
CHEMICAL TREATMENT EQUIPMENT	
DEAERATOR	DA
EXPANSION TANK	EXT
FEED WATER TANK	
FLASH TANK	FT
FUEL OIL PUMP	FOP
FUEL OIL TANK	FOT
HEAT EXCHANGER	HEX
HOT WATER TANK	
PRESSURE RELIEF VALVE/SAFETY VALVE	PRV
PUMP	P
VALVE	V
<b>MEDICAL AIR, GAS &amp; VACUUM</b>	
INSTRUMENT AIR	
AIR DRYER	AD
AIR RECEIVER	AR
COMPRESSOR	

CONTROLS	
CYLINDER	
PUMP	P
LAB AIR	LAIR
AIR DRYER	AD
AIR RECEIVER	AR
COMPRESSOR	
MEDICAL AIR	MAIR
AIR DRYER	MAIRD
AIR RECEIVER	AR
COMPRESSOR	MAIRC
CYLINDER	
FILTER	FLTR
MEDICAL AIR TANK	
PRESSURE RELIEF VALVE/SAFETY VALVE	PRV
PUMP	P
MEDICAL GAS	MGAS
ALARM PANEL	MGASLA
BULK OXYGEN	
CYLINDER	
EVAPORATOR	
MANIFOLD	
MEDICAL GAS TANK	
OUTLET	OUT
OXYGEN CONCENTRATOR	
SHUTOFF VALVE BOX	
MEDICAL VACUUM	MVAC
AIR RECEIVER	AR
COMPRESSOR	
CONTROLS	
MEDICAL VACUUM PUMP	MVACP
OUTLET	OUT
<b>PLUMBING</b>	
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	P
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	P
VALVE	V
VARIABLE FREQUENCY DRIVE	VFD
WATER FILTER	WF
WATER SOFTENER	
SANITARY & STORM	
DRAIN	



	SUMP PUMP	STSP /
	VALVE	SSP V