

Fan Specification			
Identification	EX-1A	EX-1B	EX-2
Quantity	1	1	1
Area Served	Lower Parkade	Lower Parkade	Upper Parkade
Capacity	13,875 CFM	13,875 CFM	10,700 CFM
External Static Pressure	0.25 inches W.C.	0.25 inches W.C.	0.25 inches W.C.
Style	Sidewall Mount Propeller	Sidewall Mount Propeller	Sidewall Mount Propeller
Accessories	- Exterior Weatherhood - Bird / Insect Screen - Control Damper CD-3 - TEFC Motor Enclosure	- Exterior Weatherhood - Bird / Insect Screen - Control Damper CD-4 - TEFC Motor Enclosure	- Exterior Weatherhood - Bird / Insect Screen - Control Damper CD-6 - TEFC Motor Enclosure - Motor Guard
Make and Model	Greenheck SBE-2L36-15	Greenheck SBE-2L36-15	Greenheck SBE-2L30-15
Electrical Requirements	1-1/2 hp, 115 V, 1 Ph	1-1/2 hp, 115 V, 1 Ph	1-1/2 hp, 115 V, 1 Ph
Control	See Lower Parkade Control Strategy	See Lower Parkade Control Strategy	See Upper Parkade Control Strategy
Identification	EX-3	EX-4	EX-5
Quantity	1	1	1
Area Served	Garbage Room	Garbage Room	Main Floor Corridor
Capacity	300 CFM	300 CFM	145 CFM
External Static Pressure	0.25 inches W.C.	0.25 inches W.C.	0.5 inches W.C.
Style	Sidewall Mount Propeller	Sidewall Mount Propeller	Inline Duct Exhaust
Accessories	- Exterior Weatherhood - Bird / Insect Screen - Backdraft Damper - Motor Guard	- Exterior Weatherhood - Bird / Insect Screen - Backdraft Damper - Motor Guard	
Make and Model	Greenheck SBE-1H20-4	Greenheck SBE-1H20-4	Fantech FG 8
Electrical Requirements	1/20 hp, 115 V, 1 Ph	1/20 hp, 115 V, 1 Ph	70 W, 120 V, 1 Ph
Control	Continuous	Continuous	Continuous
Identification	EX-6	EX-7	EX-8
Quantity	1	1	1
Area Served	Second Floor Corridor - North	Third Floor Corridor - North	Second Floor Corridor - South
Capacity	145 CFM	145 CFM	150 CFM
External Static Pressure	0.5 inches W.C.	0.5 inches W.C.	0.5 inches W.C.
Style	Inline Duct Exhaust	Inline Duct Exhaust	Inline Duct Exhaust
Accessories			
Make and Model	Fantech FG 8	Fantech FG 8	Fantech FG 8
Electrical Requirements	70 W, 120 V, 1 Ph	70 W, 120 V, 1 Ph	70 W, 120 V, 1 Ph
Control	Continuous	Continuous	Continuous
Identification	EX-9	EX-10	EX-11
Quantity	1	1	1
Area Served	Third Floor Corridor - South	Fourth Floor Corridor - South	Gym
Capacity	190 CFM	90 CFM	110 CFM
External Static Pressure	0.5 inches W.C.	0.5 inches W.C.	0.25 inches W.C.
Style	Inline Duct Exhaust	Inline Duct Exhaust	Ceiling Cabinet Exhaust
Accessories			- Exterior Weatherhood - Bird / Insect Screen - Backdraft Damper
Make and Model	Fantech FG 8	Fantech FG 8	Greenheck CSP-A125
Electrical Requirements	70 W, 120 V, 1 Ph	70 W, 120 V, 1 Ph	22 W, 120 V, 1 Ph
Control	Continuous	Continuous	Interlock with Room Lights
Identification	EX-12	EX-13, 14	EX-15
Quantity	1	2	1
Area Served	Common Room	UTR 237 and 337	Elevator 1 (North)
Capacity	150 CFM	50 CFM	300 CFM
External Static Pressure	0.25 inches W.C.	0.25 inches W.C.	0.25 inches W.C.
Style	Ceiling Cabinet Exhaust	Ceiling Bathroom Exhaust	Sidewall Mount Propeller
Accessories	- Exterior Weatherhood - Bird / Insect Screen - Backdraft Damper	- Exterior Weatherhood - Bird / Insect Screen - Backdraft Damper	- Exterior Weatherhood - Bird / Insect Screen - Backdraft Damper
Make and Model	Greenheck CSP-A190	Greenheck SP-B70	Greenheck SE1-12-432-E
Electrical Requirements	50 W, 120 V, 1 Ph	16 W, 115 V, 1 Ph	1/20 hp, 120 V, 1 Ph
Control	Interlock with Room Lights	Interlock with Room Lights	T-31
Identification	EX-16	EX-17	EX-18
Quantity	1	1	1
Area Served	Elevator 2 (South)	P11 Storage	125 Mech Room
Capacity	300 CFM	2500 CFM	750 CFM
External Static Pressure	0.25 inches W.C.	0.125 inches W.C.	0.125 inches W.C.
Style	Sidewall Mount Propeller	Sidewall Mount Propeller	Sidewall Mount Propeller
Accessories	- Exterior Weatherhood - Bird / Insect Screen - Backdraft Damper	-Motor Guard	-Motor Guard
Make and Model	Greenheck SE1-12-432-E	Greenheck SE1-14-436-A	Greenheck SE1-10-440-D
Electrical Requirements	1/20 hp, 120 V, 1 Ph	1/3 hp, 115 V, 1 Ph	1/12 hp, 115 V, 1 Ph
Control	T-32	T-29	T-30
Identification	EX-A,B,C,D, ... ,Z		
Quantity	69		
Area Served	Residential Kitchens		
Capacity	100 CFM		
External Static Pressure	0.25 inches W.C.		
Style	Kitchen Range Hood		
Accessories	- Exterior Weatherhood - Bird / Insect Screen - Backdraft Damper		
Make and Model	Model to be confirmed by Architect/Owner		
Electrical Requirements	2000 W, 120 V, 1 Ph		
Control	Onboard Controls		

Control Damper			
Identification	CD-1	CD-2	CD-3
Quantity	1	1	1
Capacity	17,050 CFM	10,700 CFM	13,875 CFM
Size	48 inch X 48 inch	42 inch X 42 inch	Match to EX-1A Size
Construction	- Thermally insulated blade and frame - Parallel Blade action - Silicone Seals	- Thermally insulated blade and frame - Parallel Blade action - Silicone Seals	- Thermally insulated blade and frame - Parallel Blade action - Silicone Seals
Damper Actuator	Belimo	Belimo	Belimo
Fail Position	Close	Close	Close
Make and Model	Tamco 9000	Tamco 9000	Tamco 9000
Electrical Voltage	120 V	120 V	120 V
Control	See Lower Parkade Control Strategy	See Lower Parkade Control Strategy	See Lower Parkade Control Strategy
Identification	CD-4	CD-5	CD-6
Quantity	1	1	1
Capacity	13,875 CFM	10,700 CFM	10,700 CFM
Size	Match to EX-1B Size	42 inch X 42 inch	Match to EX-2 Size
Construction	- Thermally insulated blade and frame - Parallel Blade action - Silicone Seals	- Thermally insulated blade and frame - Parallel Blade action - Silicone Seals	- Thermally insulated blade and frame - Parallel Blade action - Silicone Seals
Damper Actuator	Belimo	Belimo	Belimo
Fail Position	Close	Close	Close
Make and Model	Tamco 9000	Tamco 9000	Tamco 9000
Electrical Voltage	120 V	120 V	120 V
Control	See Lower Parkade Control Strategy	See Upper Parkade Control Strategy	See Upper Parkade Control Strategy

Unit Heater		
Identification	UH-1,2,3,4,5	UH-6,7
Quantity	5	2
Location(s)	Lower Parkade	Upper Parkade
Energy Source	Natural Gas, Separated Combustion	Natural Gas, Separated Combustion
Capacity (Output)	125,000 BTUH	125,000 BTUH
Minimum Efficiency	82%	82%
Make and Model	Reznor UDAS 150	Reznor UDAS 150
Electrical Requirements	392 W, 15 A MOCP, 115 V, 1 Ph	392 W, 15 A MOCP, 115 V, 1 Ph
Controls	T-5, 6, 7, 8, 9 (Respectively)	T-10, 11 (Respectively)

Heat Recovery Ventilator	
Identification	HRV-A thru Z
Capacity	Suites A to J, U to V, X - 50 CFM Suites K to T, W, Y, Z - 60 CFM
External Static Pressure	0.4 inches W.C.
Minimum Effectiveness	55%
Defrost Type	Supply Fan Shutdwn
Make and Model	Fantech Flex 100H
Electrical Requirements	168 W, 115 V, 1 Ph
Control	C-A, C-B, C-C, etc.

Air Handler Unit - Natural Gas			
Identification	AHU-1	AHU-2A	AHU-2B
Total Air Flow	800 CFM	800 CFM	800 CFM
Fresh Air Capacity	145 CFM	145 CFM	150 CFM
External Static Pressure	0.75 inches W.C.	0.75 inches W.C.	0.75 inches W.C.
Fuel and Heater Type	Natural Gas & Indirect-Fired Aluminized Heat Exchanger	Natural Gas & Indirect-Fired Aluminized Heat Exchanger	Natural Gas & Indirect-Fired Aluminized Heat Exchanger
Design Entering Temperature	11C	11C	10.5C
Minimum Heating Output	40,000 BTUH	40,000 BTUH	40,000 BTUH
Minimum Efficiency	92.40%	92.40%	92.40%
Associated AC unit	AC-1	AC-2A	AC-2B
Make and Model	Goodman GMVM970603BNA	Goodman GMVM970603BNA	Goodman GMVM970603BNA
Electrical Requirements	8.8 MCA, 15 A MOCP, 115 V, 1 Ph	8.8 MCA, 15 A MOCP, 115 V, 1 Ph	8.8 MCA, 15 A MOCP, 115 V, 1 Ph
Control	T-1	T-2A	T-2B
Accessories	1-inch MERV 11 Filter	1-inch MERV 11 Filter	1-inch MERV 11 Filter
Notes			
Identification	AHU-3A	AHU-3B	AHU-4
Total Air Flow	800 CFM	1000 CFM	600 CFM
Fresh Air Capacity	145 CFM	190 CFM	90 CFM
External Static Pressure	0.75 inches W.C.	0.75 inches W.C.	0.75 inches W.C.
Fuel and Heater Type	Natural Gas & Indirect-Fired Aluminized Heat Exchanger	Natural Gas & Indirect-Fired Aluminized Heat Exchanger	Natural Gas & Indirect-Fired Aluminized Heat Exchanger
Design Entering Temperature	11C	10.5C	12.5C
Minimum Heating Output	40,000 BTUH	40,000 BTUH	40,000 BTUH
Minimum Efficiency	92.40%	92.40%	92.40%
Associated AC unit	AC-3A	AC-3B	AC-4
Make and Model	Goodman GMVM970603BNA	Goodman GMVM970603BNA	Goodman GMVM970603BNA
Electrical Requirements	8.8 MCA, 15 A MOCP, 115 V, 1 Ph	8.8 MCA, 15 A MOCP, 115 V, 1 Ph	8.8 MCA, 15 A MOCP, 115 V, 1 Ph
Control	T-3A	T-3B	T-4
Accessories	1-inch MERV 11 Filter	1-inch MERV 11 Filter	1-inch MERV 11 Filter
Notes			
Identification	AHU-W	AHU-Y	
Total Air Flow	1000 CFM	1400 CFM	
Fresh Air Capacity	60 CFM	60 CFM	
External Static Pressure	0.5 inches W.C.	0.5 inches W.C.	
Fuel and Heater Type	Natural Gas & Indirect-Fired Aluminized Heat Exchanger	Natural Gas & Indirect-Fired Aluminized Heat Exchanger	
Design Entering Temperature	19.5C	20C	
Minimum Heating Output	35,000 BTUH	40,000 BTUH	
Minimum Efficiency	92.40%	92.40%	
Associated AC unit	AC-W	AC-Y	
Make and Model	Goodman GMVM970603BNA	Goodman GMVM970603CNA	
Electrical Requirements	8.8 MCA, 15 A MOCP, 120 V, 1 Ph	11.6 MCA, 15 A MOCP, 120 V, 1 Ph	
Control	T-W	T-Y	
Accessories	1-inch MERV 11 Filter	1-inch MERV 11 Filter	
Notes			

Air Handler Unit - Electric			
Identification	AHU-A	AHU-B	AHU-C
Quantity	2	2	1
Total Air Flow	600 CFM	600 CFM	600 CFM
Fresh Air Capacity	50 CFM	50 CFM	50 CFM
External Static Pressure	0.5 inches W.C.	0.5 inches W.C.	0.5 inches W.C.
Fuel and Heater Type	Electric	Electric	Electric
Minimum Heating Output	7.5 kW	7.5 kW	7.5 kW
Associated AC unit	AC-A	AC-B	AC-C
Make and Model	Stelpro SFECM 1021	Stelpro SFECM 1021	Stelpro SFECM 1021
Electrical Requirements	38 A, 208 V, 1 Ph	38 A, 208 V, 1 Ph	38 A, 208 V, 1 Ph
Accessories	1-inch MERV 11 Filter	1-inch MERV 11 Filter	1-inch MERV 11 Filter
Control	T-A	T-B	T-C
Identification	AHU-D	AHU-E	AHU-F
Quantity	2	3	3
Total Air Flow	600 CFM	600 CFM	800 CFM
Fresh Air Capacity	60 CFM	60 CFM	60 CFM
External Static Pressure	0.5 inches W.C.	0.5 inches W.C.	0.5 inches W.C.
Fuel and Heater Type	Electric	Electric	Electric
Minimum Heating Output	7.5 kW	7.5 kW	7.5 kW
Associated AC unit	AC-D	AC-E	AC-F
Make and Model	Stelpro SFECM 1021	Stelpro SFECM 1021	Stelpro SFECM 1021
Electrical Requirements	38 A, 208 V, 1 Ph	38 A, 208 V, 1 Ph	38 A, 208 V, 1 Ph
Accessories	1-inch MERV 11 Filter	1-inch MERV 11 Filter	1-inch MERV 11 Filter
Control	T-D	T-E	T-F
Identification	AHU-G	AHU-H	AHU-J
Quantity	6	3	3
Total Air Flow	800 CFM	800 CFM	600 CFM
Fresh Air Capacity	60 CFM	60 CFM	60 CFM
External Static Pressure	0.5 inches W.C.	0.5 inches W.C.	0.5 inches W.C.
Fuel and Heater Type	Electric	Electric	Electric
Minimum Heating Output	7.5 kW	7.5 kW	7.5 kW
Associated AC unit	AC-G	AC-H	AC-J
Make and Model	Stelpro SFECM 1021	Stelpro SFECM 1021	Stelpro SFECM 1021
Electrical Requirements	38 A, 208 V, 1 Ph	38 A, 208 V, 1 Ph	38 A, 208 V, 1 Ph
Accessories	1-inch MERV 11 Filter	1-inch MERV 11 Filter	1-inch MERV 11 Filter
Control	T-G	T-H	T-J
Identification	AHU-K	AHU-L	AHU-M
Quantity	15	6	6
Total Air Flow	800 CFM	800 CFM	800 CFM
Fresh Air Capacity	60 CFM	60 CFM	60 CFM
External Static Pressure	0.5 inches W.C.	0.5 inches W.C.	0.5 inches W.C.
Fuel and Heater Type	Electric	Electric	Electric
Minimum Heating Output	7.5 kW	7.5 kW	7.5 kW
Associated AC unit	AC-K	AC-L	AC-M
Make and Model	Stelpro SFECM 1021	Stelpro SFECM 1021	Stelpro SFECM 1021
Electrical Requirements	38 A, 208 V, 1 Ph	38 A, 208 V, 1 Ph	38 A, 208 V, 1 Ph
Accessories	1-inch MERV 11 Filter	1-inch MERV 11 Filter	1-inch MERV 11 Filter
Control	T-K	T-L	T-M
Identification	AHU-N	AHU-P	AHU-R
Quantity	3	3	2
Total Air Flow	800 CFM	1200 CFM	1200 CFM
Fresh Air Capacity	60 CFM	60 CFM	60 CFM
External Static Pressure	0.5 inches W.C.	0.5 inches W.C.	0.5 inches W.C.
Fuel and Heater Type	Electric	Electric	Electric
Minimum Heating Output	11.2 kW	11.2 kW	11.2 kW
Associated AC unit	AC-N	AC-P	AC-R
Make and Model	Stelpro SFECM 1521	Stelpro SFECM 1521	Stelpro SFECM 1521
Electrical Requirements	56 A, 208 V, 1 Ph	56 A, 208 V, 1 Ph	56 A, 208 V, 1 Ph
Accessories	1-inch MERV 11 Filter	1-inch MERV 11 Filter	1-inch MERV 11 Filter
Control	T-N	T-P	T-R
Identification	AHU-S	AHU-T	AHU-U
Quantity	3	2	1
Total Air Flow	1000 CFM	1000 CFM	600 CFM
Fresh Air Capacity	60 CFM	60 CFM	50 CFM
External Static Pressure	0.5 inches W.C.	0.5 inches W.C.	0.5 inches W.C.
Fuel and Heater Type	Electric	Electric	Electric
Minimum Heating Output	11.2 kW	11.2 kW	7.5 kW
Associated AC unit	AC-S	AC-T	AC-U
Make and Model	Stelpro SFECM 1521	Stelpro SFECM 1521	Stelpro SFECM 1021
Electrical Requirements	56 A, 208 V, 1 Ph	56 A, 208 V, 1 Ph	38 A, 208 V, 1 Ph
Accessories	1-inch MERV 11 Filter	1-inch MERV 11 Filter	1-inch MERV 11 Filter
Control	T-S	T-T	T-U
Identification	AHU-V	AHU-X	AHU-Z
Quantity	1	1	1
Total Air Flow	600 CFM	600 CFM	1200 CFM
Fresh Air Capacity	50 CFM	50 CFM	60 CFM
External Static Pressure	0.5 inches W.C.	0.5 inches W.C.	0.5 inches W.C.
Fuel and Heater Type	Electric	Electric	Electric
Minimum Heating Output	7.5 kW	7.5 kW	11.2 kW
Associated AC unit	AC-V	AC-X	AC-Z
Make and Model	Stelpro SFECM 1021	Stelpro SFECM 1021	Stelpro SFECM 1521
Electrical Requirements	38 A, 208 V, 1 Ph	38 A, 208 V, 1 Ph	56 A, 208 V, 1 Ph
Accessories	1-inch MERV 11 Filter	1-inch MERV 11 Filter	1-inch MERV 11 Filter
Control	T-V	T-X	T-Z
Identification	AHU-5	AHU-6	
Quantity	1	1	
Total Air Flow	800 CFM	800 CFM	
Fresh Air Capacity	110 CFM (Supplied through AHU-2B)	150 CFM (Supplied through AHU-3B)	
External Static Pressure	0.5 inches W.C.	0.5 inches W.C.	
Fuel and Heater Type	Electric	Electric	
Minimum Heating Output	7.5 kW	7.5 kW	
Associated AC unit	AC-5	AC-6	
Make and Model	Stelpro SFECM 1021	Stelpro SFECM 1021	
Electrical Requirements	38 A, 208 V, 1 Ph	38 A, 208 V, 1 Ph	
Accessories	1-inch MERV 11 Filter	1-inch MERV 11 Filter	
Control	T-33	T-34	

Air Make Up Unit			
Identification	AMU-1	AMU-2	AMU-3
Location	1	1	1
Total Air Flow	30 CFM	110 CFM	35 CFM
External Static Pressure	0.25 inches W.C.	0.25 inches W.C.	0.25 inches W.C.
Fuel and Heater Type	Electric	Electric	Electric
Design Entering Temperature	-35C	-35C	-35C
Design Leaving Temperature	15 C	15 C	15 C
Nominal Cooling Capacity	N/A	N/A	N/A
Minimum Heating Capacity	1000 W	3000 W	1000 W
Electrical Requirements	1000 W, 120 V, 1 Ph	3000 W, 208 V, 1 Ph	1000 W, 120 V, 1 Ph
Control Type	Integral Duct Thermostat Control, Continuous Fan	Integral Duct Thermostat Control, Continuous Fan	Integral Duct Thermostat Control, Continuous Fan
Unit Configuration	Horizontal Flow, End Discharge	Horizontal Flow, End Discharge	Horizontal Flow, End Discharge
Make and Model	Thermolec FER-6-1-120/1	Thermolec FER-8-3-208/1	Thermolec FER-6-1-120/1
Notes			
Identification	AMU-4	AMU-5	AMU-6
Location	1	1	1
Total Air Flow	190 CFM	30 CFM	430 CFM
External Static Pressure	0.25 inches W.C.	0.25 inches W.C.	0.25 inches W.C.
Fuel and Heater Type	Electric	Electric	Electric
Design Entering Temperature	-35C	-35C	-35C
Design Leaving Temperature	15 C	15 C	15 C
Nominal Cooling Capacity	N/A	N/A	N/A
Minimum Heating Capacity	6000 W	1000 W	12500 W
Electrical Requirements	6000 W, 600 V, 3 Ph	1000 W, 120 V, 1 Ph	12500 W, 600 V, 3 Ph
Control Type	Integral Duct Thermostat Control, Continuous Fan	Integral Duct Thermostat Control, Continuous Fan	Integral Duct Thermostat Control, Continuous Fan
Unit Configuration	Horizontal Flow, End Discharge	Horizontal Flow, End Discharge	Horizontal Flow, End Discharge
Make and Model	Thermolec FER-8-6-600/3	Thermolec FER-6-1-120/1	Thermolec FER-12-12.5-600/3
Notes			

Air Conditioner			
Identification	AC-1, 4	AC-2A, 2B, 3A, 3B	AC-5, 6
Quantity	2	4	2
Nominal Cooling Capacity	18,000 BTUH	24,000 BTUH	24,000 BTUH
Minimum Efficiency	15 SEER	15 SEER	15 SEER
Make and Model	Goodman GSX16 018	Goodman GSX16 024	Goodman GSX16 024
Electrical Requirements	12.2 MCA, 20 A MOCP, 208 V, 1 Ph	17.8 MCA, 30 A MOCP, 208 V, 1 Ph	17.8 MCA, 30 A MOCP, 208 V, 1 Ph
Identification	AC-A to E, J, U, V, X	AC-F to H, K to N	AC-P,R,Z
Quantity	16	42	6
Nominal Cooling Capacity	18,000 BTUH	24,000 BTUH	36,000 BTUH
Minimum Efficiency	15 SEER	15 SEER	15 SEER
Make and Model	Goodman GSX16 018	Goodman GSX16 024	Goodman GSX16 037
Electrical Requirements	12.2 MCA, 20 A MOCP, 208 V, 1 Ph	17.8 MCA, 30 A MOCP, 208 V, 1 Ph	20.2 MCA, 35 A MOCP, 208 V, 1 Ph
Identification	AC-S,T,W	AC-Y	
Quantity	6	1	
Nominal Cooling Capacity	30,000 BTUH	42,000 BTUH	
Minimum Efficiency	15 SEER	15 SEER	
Make and Model	Goodman GSX16 031	Goodman GSX16 042	
Electrical Requirements	17 MCA, 25 A MOCP, 208 V, 1 Ph	23.3 MCA, 40 A MOCP, 208 V, 1 Ph	

Electric Baseboard Heater			
Identification	EBB-1	EBB-2	EBB-3
Quantity	1		1
Location(s)	P08 Storage		P16 Storage
Capacity	500 W		500 W
Nominal Length	24 inch		24 inch
Make and Model	Dimplex LCM2505W11		Dimplex LCM2505W11
Electrical Requirements	500 W, 120 V, 1 Ph		500 W, 120 V, 1 Ph
Control	T-12		T-14
Identification	EBB-4	EBB-5	
Quantity		1	
Location(s)		413 Storage	
Capacity		500 W	
Nominal Length		24 inch	
Make and Model		Dimplex LCM2505W11	
Electrical Requirements		500 W, 120 V, 1 Ph	
Control		T-15	

Forced Fan Heater			
Identification	FFH-1	FFH-2	FFH-3A,3B
Quantity	1	1	2
Location(s)	P18 Elev. Lobby	131 Elev. Lobby	132 Vestibule
Capacity	500 W	1000 W	1500 W
Style	Wall-Mount Cabinet Heater	Wall-Mount Cabinet Heater	Wall-Mount Cabinet Heater
Control Type	T-16	T-17	T-18
Make and Model	Dimplex T23WH0511CW	Dimplex T23WH1011CW	Dimplex T23WH1511CW
Electrical Requirements	750 W, 120 V, 1 Ph	1000 W, 120 V, 1 Ph	2000 W, 120 V, 1 Ph
Identification	FFH-4A,4B	FFH-5A, 5B, 5C, 5D	FFH-6A, 6B
Quantity	2	4	2
Location(s)	120 Vestibule	Stair 1	Stair 2
Capacity	1500 W	1250 W	750 W
Style	Wall-Mount Cabinet Heater	Wall-Mount Cabinet Heater	Wall-Mount Cabinet Heater
Control Type	T-19	T-20, T-21, T-22, T-23 (Respectively)	T-24, T-25 (Respectively)
Make and Model	Dimplex T23WH1511CW	Dimplex T23WH1211CW	Dimplex T23WH0711CW
Electrical Requirements	2000 W, 208 V, 1 Ph	1250 W, 120 V, 1 Ph	750 W, 120 V, 1 Ph
Identification	FFH-7A, 7B, 7C		
Quantity	3		
Location(s)	Stair 3		
Capacity	500 W		
Style	Wall-Mount Cabinet Heater		
Control Type	T-26, T-27, T-28 (Respectively)		
Make and Model	Dimplex T23WH1221CW		
Electrical Requirements	500 W, 120 V, 1 Ph		

Grille and Diffuser Schedule			
Identification	A	B	C
Size	10 inch X 6 inch	12 inch X 12 inch	20 inch X 16 inch
Style	Louvered Supply Grille - Double Blade Deflection	Louvered Return Grille - Single Blade Deflection	Louvered Return Grille - Single Blade Deflection
Make and Model	Price Ind. 520	Price Ind. 530	Price Ind. 530
Identification	D	E	F
Size	6 inch X 5 inch	6 inch X 5 inch	24 inch x 24 inch 8 inch duct connection
Style	Louvered Return Grille - Single Blade Deflection	Louvered Supply Grille - Double Blade Deflection	Square Cone Diffuser - Drywall Ceiling Mount
Make and Model	Price Ind. 530	Price Ind. 520	Price Ind. SCD
Identification	G	H	J
Size	16 inch X 10 inch	36 inch X 24 inch	16 inch X 16 inch
Style	Louvered Return Grille - Single Blade Deflection	Louvered Return Grille - Single Blade Deflection	Louvered Return Grille - Single Blade Deflection
Make and Model	Price Ind. 530	Price Ind. 530	Price Ind. 530
Identification	K	L	
Size	12 inch X 12 inch 5 inch Duct Connection	24 inch x 24 inch 6 inch duct connection	
Style	Square Cone Diffuser - Drywall Mount	Square Cone Diffuser - Drywall Ceiling Mount	
Make and Model	Price Ind. SCD	Price Ind. SCD	

Pump Schedule			
Identification	PS-1	PS-2	PS-3
Pump Type	Submersible Sump Pump	Submersible Sump Pump	Submersible Sump Pump
Flow	30 US GPM	30 US GPM	30 US GPM
Pressure	15 feet W.C.	15 feet W.C.	15 feet W.C.
Make and Model	Liberty Pumps 280	Liberty Pumps 280	Liberty Pumps 280
Electrical Requirements	1/2 hp, 115 V, 1 Ph	1/2 hp, 115 V, 1 Ph	1/2 hp, 115 V, 1 Ph
Control	Integral float switch	Integral float switch	Integral float switch
Identification	PS-4	PS-5	PS-6
Pump Type	Submersible Sump Pump	Submersible Sump Pump	Submersible Sump Pump
Flow	30 US GPM	15 US GPM	15 US GPM
Pressure	15 feet W.C.	12 feet W.C.	12 feet W.C.
Make and Model	Liberty Pumps 280	Liberty Pumps 280	Liberty Pumps 240
Electrical Requirements	1/2 hp, 115 V, 1 Ph	1/4 hp, 115 V, 1 Ph	1/4 hp, 115 V, 1 Ph
Control	Integral float switch	Integral float switch	Integral float switch

Controls Schedule			
Identification	T-1	T-2A	T-2B
Controlled Equipment	AHU-1	AHU-2A	AHU-2B
Type	Programmable Thermostat, Up To 2 Heat/2 Cool	Programmable Thermostat, Up To 2 Heat/2 Cool	Programmable Thermostat, Up To 2 Heat/2 Cool
Make and Model	Honeywell VisionPRO TH8320R	Honeywell VisionPRO TH8320R	Honeywell VisionPRO TH8320R
Set Point	21C	21C	21C
Electrical Requirements	Low Voltage	Low Voltage	Low Voltage
Notes	Provide Lockable Cover Box	Provide Lockable Cover Box	Provide Lockable Cover Box
Identification	T-3A	T-3B	T-4
Controlled Equipment	AHU-3A	AHU-3B	AHU-4
Type	Programmable Thermostat, Up To 2 Heat/2 Cool	Programmable Thermostat, Up To 2 Heat/2 Cool	Programmable Thermostat, Up To 2 Heat/2 Cool
Make and Model	Honeywell VisionPRO TH8320R	Honeywell VisionPRO TH8320R	Honeywell VisionPRO TH8320R
Set Point	21C	21C	21C
Electrical Requirements	Low Voltage	Low Voltage	Low Voltage
Notes	Provide Lockable Cover Box	Provide Lockable Cover Box	Provide Lockable Cover Box
Identification	T-5, 6, 7, 8, 9	T-10,11	T-12, 14 thru 28, 35
Controlled Equipment	UH-1,2,3,4,5	UH-6,7	EBBs and FFHs
Type	Programmable Heat-Only Thermostat, Low Voltage	Programmable Heat-Only Thermostat, Low Voltage	Non-Programmable, Heat Only Thermostat
Make and Model	Honeywell PRO 2000	Honeywell PRO 2000	Honeywell TH1100
Set Point	18C	18C	21C
Electrical Requirements	24 VAC	120 V	24 VAC
Notes	Provide Lockable Cover Box	Provide Lockable Cover Box	Provide Lockable Cover Box for Common Areas
Identification	T-13	T-29	T-30
Controlled Equipment		EX-17	EX-18
Type		Cooling Thermostat, Line Voltage, Medium Duty	Cooling Thermostat, Line Voltage, Medium Duty
Make and Model	DELETED	Honeywell T651	Honeywell T651
Set Point		25C	25C
Electrical Requirements		120 V	120 V
Notes			
Identification	T-31	T-32	T-33
Controlled Equipment	EX-15	EX-16	AHU-5
Type	Cooling Thermostat, Line Voltage, Medium Duty	Cooling Thermostat, Line Voltage, Medium Duty	Programmable Thermostat, Up To 2 Heat/2 Cool
Make and Model	Honeywell T651	Honeywell T651	Honeywell VisionPRO TH8320R
Set Point	25C	25C	21C
Electrical Requirements	120 V	120 V	Low Voltage
Notes			
Identification	T-34	T-A thru Z	LTC-1A, 1B
Controlled Equipment	AHU-6	AHU-A thru Z	See Lower Parkade Ventilation Control Strategy
Type	Programmable Thermostat, Up To 2 Heat/2 Cool	Programmable Thermostat, Up To 2 Heat/2 Cool	Cooling Thermostat, Line Voltage, Medium Duty
Make and Model	Honeywell VisionPRO TH8320R	Honeywell VisionPRO TH8320R	Honeywell T651
Set Point	21C	21C	25C
Electrical Requirements	Low Voltage	Low Voltage	120 V
Notes			
Identification	LTC-2	D-1,2,3,4,5	D-6,7
Controlled Equipment	See Upper Parkade Ventilation Control Strategy	See Lower Parkade Ventilation Control Strategy	See Upper Parkade Ventilation Control Strategy
Type	Cooling Thermostat, Line Voltage, Medium Duty	CO, NO2 Detector, Low Voltage	CO, NO2 Detector, Low Voltage
Make and Model	Honeywell T651	Honeywell E3 Point	Honeywell E3 Point
Set Point	25C	By Installer	By Installer
Electrical Requirements	120 V	120 V	120 V
Notes		Refer to Air Quality Sensor Detail	Refer to Air Quality Sensor Detail
Identification	C-A, B, C, D, etc.	R-1	R-2
Controlled Equipment	HRV-A, B, C, D, etc.	Link to T-2B	Link to T-3B
Type	Bathroom Timer Control	Remote Wireless Indoor Air Sensor	Remote Wireless Indoor Air Sensor
Make and Model	Fantech RTS3 Push Button Timer	Honeywell C7189R1004	Honeywell C7189R1004
Set Point			
Electrical Requirements	24 VAC	Battery-Operated	Battery-Operated
Notes			

Water Heater		
Identification	HWT-A thru Z	HWT-1
Energy Source	Electric	Electric
Input	3000 W	1500 W
Tank Volume	40 US Gallons	30 US Gallons
Maximum Standby Losses	65 Watts	65 Watts
Make and Model	AO Smith DEL-40	AO Smith DEL-30
Electrical Requirements	3 kW, 208 V, 1 Ph	1.5 kW, 208 V, 1 Ph
Notes	Provide heat traps and pipe insulation on hot and cold piping as shown in HWT details	Provide heat traps and pipe insulation on hot and cold piping as shown in HWT details

Backflow Preventor	
Identification	DCVA-1
Type	Double Check Valve Assembly
Connection Sizes	2-1/2 inch
Max Pressure Drop	6 PSI
Make and Model or Equal	Watts LF007

Fireplace			
Identification	FP-1	FP-W	FP-Y
Make and Model	To be confirmed by Architect	To be confirmed by Architect	To be confirmed by Architect
Input	60,000 BTUH	60,000 BTUH	60,000 BTUH
Electrical Requirements	5 A, 120 V, 1 Ph	5 A, 120 V, 1 Ph	5 A, 120 V, 1 Ph

Electric Floor Heat Mats	
Identification	EF-## (See Schedule)
Input	See Schedule Below
Approximate Coverage Area	See Schedule Below
Heat Density	15 W / sqft @ 240V Nominal
Make and Model	Easy Heat
Electrical Requirements	### W, 208 V, 1 Ph (Refer to Schedule Below)
Notes	

Electric Floor Heat Mat Schedule	Heat Output (W)	
	EF-#1	EF-#2
Suite Type	EF-#1	EF-#2
A	500 W	N/A
B	750 W	N/A
C	650 W	N/A
D	650 W	400 W
E	650 W	400 W
F	400 W	400 W
G	400 W	400 W
H	400 W	500 W
J	400 W	650 W
K	400 W	500 W
L	400 W	500 W
M	400 W	500 W
N	650 W	400 W
O	650 W	400 W
P	750 W	400 W
R	1000 W	400 W
S	650 W	400 W
T	1000 W	400 W
U	500 W	N/A
V	500 W	N/A
W	1000 W	400 W
X	500 W	N/A
Y	1000 W	1000 W
Z	750 W	400 W