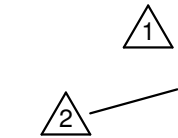


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EQUIPMENT DATA SCHEDULE															
	MARK		KW HP MCA	VOLTAGE PHASE SPEED	EQUIPMENT LOCATION	CONTROLLER DATA			PANEL DESIGNATION	BRANCH CIRCUIT DATA			GROUND	CONDUIT SIZE	NOTES
	ID	TAG #				ACCESORIES (1)	CONTROLLER TYPE (2)	CONTROLLER SIZE		TYPE (3)	SIZE	PHASE			
CENTRAL AIR COMPRESSOR	AC	1	(3) 7.5 HP	480/3/1	LEVEL 01 AREA A		PWCP	-	1NH2	CB	70A/3P	6	10	3/4"	
AIR COOLED CONDENSING UNIT	ACCU	1	16 MCA	208/1/1	LEVEL 0 MECH RM	-	PWCP	-	BNL1	CB	25A/2P	10	10	3/4"	4
AIR COOLED CONDENSING UNIT	ACCU	2	16 MCA	208/1/1	LEVEL 0 MECH RM	-	PWCP	-	BNL1	CB	25A/2P	10	10	3/4"	4
AIR COOLED CONDENSING UNIT	ACCU	3	16 MCA	208/1/1	ROOF	-	PWCP	-	4NL1	CB	25A/2P	10	10	3/4"	4
AIR COOLED CONDENSING UNIT	ACCU	4	16 MCA	208/1/1	ROOF	-	PWCP	-	4NL1	CB	25A/2P	10	10	3/4"	4
AIR COOLED CONDENSING UNIT	ACCU	5	26 MCA	208/1/1	LEVEL 0 MECH RM	-	PWCP	-	BNL1	CB	40A/2P	8	10	3/4"	4
AIR HANDLING UNIT	AHU	1	100 MCA	480/3/VAR	LEVEL 0 MECH RM	-	VFD	-	BNH1	CB	180A/3P	3/0	6	2"	3, 6, 7
AIR HANDLING UNIT	AHU	2	100 MCA	480/3/VAR	LEVEL 0 MECH RM	-	VFD	-	BNH1	CB	180A/3P	3/0	6	2"	3, 6, 7
AIR HANDLING UNIT	AHU	3	6 MCA	480/3/VAR	LEVEL 0 MECH RM	-	VFD	-	1SH1	CB	15A/3P	12	12	3/4"	2, 6
AIR HANDLING UNIT	AHU	4	6 MCA	480/3/VAR	LOWER LEVEL	-	VFD	-	1SH1	CB	15A/3P	12	12	3/4"	2, 6
AIR HANDLING UNIT	AHU	5	10.47 MCA	480/3/VAR	LEVEL 01 - ELECTRICAL RM	-	VFD		1NH2	CB	15A/3P	12	12	3/4"	6
BOILER	B	1	10.2 MCA	120/1/1	LEVEL 01 AREA A	-	PWCP	-	1SL1	CB	20A/1P	12	12	3/4"	2, 4
BOILER	B	2	10.2 MCA	120/1/1	LEVEL 01 AREA A	-	PWCP	-	1SL1	CB	20A/1P	12	12	3/4"	2, 4
CHILLED WATER PUMP	CP	1	25 HP	480/3/VAR	LEVEL 0 MECH RM	-	VFD	-	BNH1	CB	70A/3P	6	10	3/4"	6
CHILLED WATER PUMP	CP	2	25 HP	480/3/VAR	LEVEL 0 MECH RM	-	VFD	-	BNH1	CB	70A/3P	6	10	3/4"	6
CHILLED WATER PUMP	CP	3	2 HP	480/3/1	LEVEL 01 AREA A	HOA-P	COMB	1	1NH2	CB	15A/3P	12	12	3/4"	
CHILLED WATER PUMP	CP	4A	1/6 HP	120/1/1	LEVEL 04 - LAB 489	P	MS	0	4LL2	CB	20A/1P	12	12	3/4"	
CHILLED WATER PUMP	CP	4B	1/6 HP	120/1/1	LEVEL 04 - LAB 489	SAME AS CP-4A	SAME AS CP-4A	SAME AS CP-4A	4LL2	CB	20A/1P	12	12	3/4"	
CONDENSING UNIT	CU	1	46 MCA	480/3/1	ON GRADE	-	PWCP	-	1SH1	CB	60A/3P	6	10	3/4"	2, 4
CONDENSING UNIT	CU	2	46 MCA	480/3/1	ON GRADE	-	PWCP	-	1SH1	CB	60A/3P	6	10	3/4"	2, 4
CABINET UNIT HEATER	CUH	101	40 WATT	120/1/1	LEVEL 01 - VEST C153	-	PWCP	-	1NL1	CB	15A/1P	12	12	3/4"	1, 4
CABINET UNIT HEATER	CUH	102	40 WATT	120/1/1	LEVEL 01 STAIR 2-1	-	PWCP	-	1NL2	CB	15A/1P	12	12	3/4"	1, 4
CABINET UNIT HEATER	CUH	201	40 WATT	120/1/1	LEVEL 02 - VEST C250A	-	PWCP	-	2NL1	CB	15A/1P	12	12	3/4"	1, 4
CABINET UNIT HEATER	CUH	202	40 WATT	120/1/1	LEVEL 02 - VEST C230A	-	PWCP	-	2NL1	CB	15A/1P	12	12	3/4"	1, 4
CABINET UNIT HEATER	CUH	203	40 WATT	120/1/1	LEVEL 02 - C270A EAB CONNECTOR	-	PWCP	-	2NL1	CB	15A/1P	12	12	3/4"	1, 4
CABINET UNIT HEATER	CUH	204	40 WATT	120/1/1	LEVEL 02 - C270A EAB CONNECTOR	-	PWCP	-	2NL1	CB	15A/1P	12	12	3/4"	1, 4
D.I. WATER SYSTEM	DI	1	5 HP	480/3/VAR	LEVEL 00 AREA A	-	PWCP	-	BNH1	CB	15A/3P	12	12	3/4"	
EXHAUST FAN	EF	1	3 HP	480/3/1	ROOF	HOA-P	COMB	1	4SH1	CB	15A/3P	12	12	3/4"	1, 2
EXHAUST/RELIEF FAN	EF	2	7.5 HP	480/3/VAR	ROOF	-	VFD	-	4NH1	CB	20A/3P	12	12	3/4"	1, 6
EXHAUST FAN	EF	3	3 HP	480/3/VAR	ROOF	-	VFD	-	4NH1	CB	15A/3P	12	12	3/4"	1, 6
EXHAUST FAN	EF	4	1/2 HP	120/1/1	ROOF	-	MS	0	4NL1	CB	20A/1P	12	12	3/4"	
ELEVATOR SUMP PUMP	ESP	1	.72 KW	120/1/1	ELEVATOR PIT 1	-	-	-	1NL1	CB	20A/1P	12	12	3/4"	
ELEVATOR SUMP PUMP	ESP	2	.72 KW	120/1/1	ELEVATOR PIT 2	-	-	-	BNL1	CB	20A/1P	12	12	3/4"	
ELECTRIC WATER COOLER	EW	1	.37 KW	120/1/1	LEVEL 01 AREA A	-	-	-	1NL1	CB	20A/1P	12	12	3/4"	
ELECTRIC WATER COOLER	EW	2	.37 KW	120/1/1	LEVEL 02 AREA A	-	-	-	2NL1	CB	20A/1P	12	12	3/4"	
ELECTRIC WATER COOLER	EW	3	.37 KW	120/1/1	LEVEL 03 AREA A	-	-	-	3NL1	CB	20A/1P	12	12	3/4"	
ELECTRIC WATER COOLER	EW	4	.37 KW	120/1/1	LEVEL 04 AREA A	-	-	-	4NL1	CB	20A/1P	12	12	3/4"	
FAN COIL UNIT	FCU	1	0.1 kW	208/1/1	LEVEL 01 - DATA CLOSET	-	PWCP	-	1NL1	CB	15A/2P	12	12	3/4"	4, 8
FAN COIL UNIT	FCU	2	0.1 kW	208/1/1	LEVEL 02 - DATA CLOSET	-	PWCP	-	2NL1	CB	15A/2P	12	12	3/4"	4, 8
FAN COIL UNIT	FCU	3	0.1 kW	208/1/1	LEVEL 03 - DATA CLOSET	-	PWCP	-	3NL1	CB	15A/2P	12	12	3/4"	4, 8
FAN COIL UNIT	FCU	4	0.1 kW	208/1/1	LEVEL 04 - DATA CLOSET	-	PWCP	-	4NL1	CB	15A/2P	12	12	3/4"	12
FAN COIL UNIT	FCU	5A	0.1 kW	208/1/1	LEVEL 01 - MDF ROOM	-	PWCP	-	1NL2	CB	15A/2P	12	12	3/4"	4, 8, 10
FAN COIL UNIT	FCU	5B	0.1 kW	208/1/1	LEVEL 01 - MDF ROOM	-	PWCP	-	1NL2	CB	15A/2P	12	12	3/4"	4, 8, 10
FAN COIL UNIT	FCU	5C	0.1 kW	208/1/1	LEVEL 01 - MDF ROOM	-	PWCP	-	1NL2	CB	15A/2P	12	12	3/4"	4, 8, 10

EQUIPMENT DATA SCHEDULE															
	MARK		KW HP MCA	VOLTAGE PHASE SPEED	EQUIPMENT LOCATION	CONTROLLER DATA			PANEL DESIGNATION	BRANCH CIRCUIT DATA			GROUND	CONDUIT SIZE	NOTES
	ID	TAG #				ACCESORIES (1)	CONTROLLER TYPE (2)	CONTROLLER SIZE		TYPE (3)	SIZE	PHASE			
FIRE PUMP W/CONTROLLER	FP	1	40 HP	480/3/1	LEVEL 01 AREA A	-	PWCP	-	SEE ONE-LINE	-	-	-	-	-	
FIRE PRE-ACTION SYSTEM	FPA	1	1/6 HP	120/1/1	LEVEL 01 AREA B	-	-	-	1NL1	CB	15A/1P	12	12	3/4"	
FREEZE PUMP	FZP	1	3/4 HP	480/3/1	LEVEL 0 MECH RM	P	MS	1	BNH1	CB	15A/3P	12	12	3/4"	
FREEZE PUMP	FZP	2	3/4 HP	480/3/1	LEVEL 0 MECH RM	P	MS	1	BNH1	CB	15A/3P	12	12	3/4"	
FREEZE PUMP	FZP	3	1/6 HP	120/1/1	LEVEL 0 MECH RM	P	MS	0	1SL1	CB	20A/1P	12	12	3/4"	2
FREEZE PUMP	FZP	4	1/6 HP	120/1/1	LEVEL 0 MECH RM	P	MS	0	1SL1	CB	20A/1P	12	12	3/4"	2
GARBAGE DISPOSER	GD	1	.75 HP	120/1/1	LEVEL 01 AREA A	-	-	-	1NL1	CB	30A/1P	10	10	3/4"	
GARBAGE DISPOSER	GD	2	.75 HP	120/1/1	LEVEL 02 AREA A	-	-	-	2NL1	CB	30A/1P	10	10	3/4"	
GARBAGE DISPOSER	GD	3	.75 HP	120/1/1	LEVEL 03 AREA A	-	-	-	3NL1	CB	30A/1P	10	10	3/4"	
GARBAGE DISPOSER	GD	4	.75 HP	120/1/1	LEVEL 04 AREA A	-	-	-	4NL1	CB	30A/1P	10	10	3/4"	
GLYCOL FILL SYSTEM	GFS	1	3/4 HP	120/1/1	LEVEL 0 MECH RM	-	PWCP	-	BNL1	CB	30A/1P	10	10	3/4"	4
LAB HOOD EXHAUST FANS	HEF	1	(3) 25 HP	480/3/VAR	ROOF	-	VFD		4SH1	CB	70A/3P	6	10	3/4"	2, 6, 11
HEATING WATER PUMP	HP	1	10 HP	480/3/VAR	LEVEL 0 MECH RM	-	VFD	-	1SH1	CB	35A/3P	8	10	3/4"	2, 6
HEATING WATER PUMP	HP	2	10 HP	480/3/VAR	LEVEL 0 MECH RM	-	VFD	-	1SH1	CB	35A/3P	8	10	3/4"	2, 6
HEAT RECOVERY PUMP	HRP	1	15 HP	480/3/VAR	LEVEL 0 MECH RM	-	VFD	-	BNH1	CB	45A/3P	8	10	3/4"	6
HEAT RECOVERY PUMP	HRP	2	15 HP	480/3/VAR	LEVEL 0 MECH RM	-	VFD	-	BNH1	CB	45A/3P	8	10	3/4"	6
HOT WATER HEATER	HWH	1	.72 KW	120/1/1	LEVEL 01 AREA A	-	-	-	1NL2	CB	20A/1P	12	12	3/4"	
HOT WATER HEATER	HWH	2	.72 KW	120/1/1	LEVEL 01 AREA A	-	-	-	1NL2	CB	20A/1P	12	12	3/4"	
HOT WATER HEATER	HWH	3	.72 KW	120/1/1	LEVEL 01 AREA A	-	-	-	1NL2	CB	20A/1P	12	12	3/4"	
HOT WATER CIRC. PUMP	HWP	1	1.5 HP	480/3/1	LEVEL 01 AREA A	-	-	-	1NH2	CB	15A/3P	12	12	3/4"	
FIRE JOCKEY PUMP W/CONTROLLER	JP	1	3 HP	480/3/1	LEVEL 01 AREA A	-	PWCP	-	SEE ONE-LINE	-	-	-	-	-	
KITCHEN EXHAUST FAN	KEF	1	3/4 HP	480/3/1	ROOF	HOA-P	COMB	1	4SH1	CB	15A/3P	12	12	3/4"	1
PROCESS CHILLED WATER PUMP	PCP	1A	2/5 HP	120/1/1	LEVEL 04 - LAB 489	P	MS	0	4LL2	CB	20A/1P	12	12	3/4"	
PROCESS CHILLED WATER PUMP	PCP	1B	2/5 HP	120/1/1	LEVEL 04 - LAB 489	SAME AS PCP-1A	SAME AS PCP-1A	SAME AS PCP-1A	4LL2	CB	20A/1P	12	12	3/4"	
UNIT HEATER	UH	001	16 WATT	120/1/1	LEVEL 0 MECH RM	P	PF	-	BNL1	CB	15A/1P	12	12	3/4"	1
UNIT HEATER	UH	002	16 WATT	120/1/1	LEVEL 0 MECH RM	P	PF	-	BNL1	CB	15A/1P	12	12	3/4"	1
UNIT HEATER	UH	101	16 WATT	120/1/1	LEVEL L01 - LOADING DOCK 172	P	PF	-	1NL2	CB	15A/1P	12	12	3/4"	1
UNIT HEATER	UH	102	16 WATT	120/1/1	LEVEL L01 - MECH RM	P	PF	-	1NL2	CB	15A/1P	12	12	3/4"	1
UNIT HEATER	UH	103	16 WATT	120/1/1	LEVEL L01 - MECH RM	P	PF	-	1NL2	CB	15A/1P	12	12	3/4"	1
VENTILATION FAN	VF	1	1 HP	480/3/1	LEVEL 0 MECH RM	P	MS	1	BNH1	CB	15A/3P	12	12	3/4"	1
VENTILATION FAN	VF	2	350 WATTS	120/1/1	ELEV. CONTROL RM VENTILATION	P	MS	0	1NL2	CB	15A/1P	12	12	3/4"	1
VENTILATION FAN	VF	3	350 WATTS	120/1/1	AV EQUIP 106D VENTILATION	P	MS	0	1NL3	CB	15A/1P	12	12	3/4"	1
VENTILATION FAN	VF	4	2 HP	120/1/1	LEVEL 01 - MECH ROOM 178	P	MS	1	1NL2	CB	30A/2P	10	10	3/4"	
CENTRAL VACUUM UNIT	VU	1	(2) 5 HP	480/3/1	LEVEL 01 AREA A	-	PWCP	-	1NH2	CB	40A/3P	8	10	3/4"	

(1) CONTROLLER DATA ACCESSORIES
HOA - HAND-OFF-AUTO SWITCH MAINTAINED
HLOA - HIGH-LOW-OFF AUTO SELECTOR SWITCH OR PUSHBUTTON
P () - PILOT LIGHT (QUANTITY) - SEE SPECIFICATION FOR COLOR OF LIGHTS

SS - START-STOP PUSHBUTTON MAINTAINED CONTACT SELECTOR SWITCH OR PUSHBUTTON
SSM - START-STOP MOMENTARY CONTACT
TDR - TIME DELAY RELAY
SPEC - SEE SPECIFICATION SECTION 235000

(2) CONTROLLER DATA TYPE
(DIVISION 26 UNLESS OTHERWISE NOTED)
VFD - VARIABLE FREQUENCY DRIVE
COMB - COMBINATION FVNR STARTER WITH FUSIBLE DISCONNECT SWITCH
CONTR - CONTACTOR
PF - PLUG FUSE SWITCH
MS - MANUAL STARTER
TSS - TWO-SPEED STARTER
FVNR - FULL VOLTAGE NON-REVERSING STARTER
FVR - FULL VOLTAGE REVERSING STARTER
RVNR - REDUCED VOLTAGE NON-REVERSING STARTER
SSS - SOLID-STATE STARTER
PWCP - PRE-WIRED CONTROL PANEL (FURNISHED WITH DIVISION 23 EQUIPMENT)

(3) BRANCH CIRCUIT DEVICE TYPE
CB - CIRCUIT BREAKER
FS - FUSIBLE SWITCH

GENERAL NOTE:

OVER CURRENT PROTECTION BASED ON ENERGY EFFICIENT MOTOR DATA FOR HORSEPOWER THROUGH 40 HORSEPOWER UNLESS OTHERWISE NOTED.

KEYED NOTES:

- EQUIPMENT FURNISHED WITH INTEGRAL DISCONNECT SWITCH.
- EMERGENCY POWER REQUIRED.
- MULTIPLE MOTORS ON ONE DRIVE. DRIVE PROVIDED AND WIRED ON THE LOAD SIDE BY THE EQUIPMENT MANUFACTURER.
- SEE SPECIFICATIONS FOR CONTROLLER REQUIREMENTS.
- EQUIPMENT FURNISHED WITH CORD AND PLUG. 20 AMP CIRCUIT REQUIRED.
- VARIABLE FREQUENCY DRIVE BY DIVISION 23.
- EQUIPMENT FURNISHED WITH INTEGRAL LIGHT FIXTURES FURNISHED AND MOUNTED BY DIVISION 23. DIVISION 26 TO PROVIDE ALL BRANCH CIRCUIT WIRING AND CONDUIT FOR CONNECTION OF FIXTURES AND LIGHT SWITCH AT ENTRY TO UNIT. REFER TO DIVISION 23 DRAWINGS AND SPECIFICATIONS FOR FIXTURE TYPES.
- FAN COIL AIR CONDITIONERS FOR IT-DATA CLOSETS AND MDF ROOM. FAN COIL UNITS (FCU) SHALL BE WIRED BACK TO ASSOCIATED AIR-COOLED CONDENSING UNIT (ACCU).
- VENTILATION FAN FOR ELEVATOR MACHINE ROOM.
- MULTIPLE PIECES OF EQUIPMENT ON THE SAME CIRCUIT BREAKER/DISCONNECT SWITCH.
- MULTIPLE POWER CONNECTIONS FOR AN INDIVIDUAL PIECE OF EQUIPMENT.

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