

MECHANICAL EQUIPMENT SCHEDULE																					
KEY	ITEM	MOTORS		LOAD (VA)	EQUIV. LD (VA)	VOLTAGE		FEEDER			PROTECTION		DISC AT UNIT		FUSE	NOTE					
		HP	FLA			VLTS	PH	SETS	SIZE	°C	BREAKER	DISC SW									
CHWP-1	CHILLED WATER PUMP	10			11,639	480	3	1	3 #	10	.1 #	10	G	3/4	30	A 3 P	VFD	20	2,3		
CHWP-2	CHILLED WATER PUMP	10			11,639	480	3	1	3 #	10	.1 #	10	G	3/4	30	A 3 P	VFD	20	2,3		
HWP-1	HOT WATER PUMP	7 1/2			9,145	480	3	1	3 #	10	.1 #	10	G	3/4	30	A 3 P	VFD	17.5	2		
HWP-2	HOT WATER PUMP	7 1/2			9,145	480	3	1	3 #	10	.1 #	10	G	3/4	30	A 3 P	VFD	17.5	2		
ELEV	ELEVATOR	40			43,232	480	3	1	3 #	4	.1 #	8	G	1 1/4	90	A 3 P	100	A 3 P	75	1,4	
FCU-1-1	FAN COIL UNIT			2.0		416	208	1	1	2 #	12	.1 #	12	G	3/4	15	A 2 P	BY MFR		6	
FCU-1-2	FAN COIL UNIT			2.0		416	208	1	1	2 #	12	.1 #	12	G	3/4	15	A 2 P	BY MFR		3,6	
FCU-1-3	FAN COIL UNIT			2.0		416	208	1	1	2 #	12	.1 #	12	G	3/4	15	A 2 P	BY MFR		6	
FCU-2-1	FAN COIL UNIT			2.0		422	208	1	1	2 #	12	.1 #	12	G	3/4	15	A 2 P	BY MFR		6	
FCU-3-1	FAN COIL UNIT			4.5		936	208	1	1	2 #	12	.1 #	12	G	3/4	15	A 2 P	BY MFR		6	
FCU-4-1	FAN COIL UNIT			0.6		131	208	1	1	2 #	12	.1 #	12	G	3/4	15	A 2 P	BY MFR		3,6	
FCU-5-1	FAN COIL UNIT			2.0		422	208	1	1	2 #	12	.1 #	12	G	3/4	15	A 2 P	BY MFR		6	
RAF-4	AHU-4 RETURN FAN			27.6		22,967	480	3	1	3 #	6	.1 #	10	G	1	45	A 3 P	VFD	40	2,5	
SAF-4	AHU-4 SUPPLY FAN			37.0		30,761	480	3	1	3 #	4	.1 #	10	G	1 1/4	60	A 3 P	VFD	50	2,5	
EF-6	EXHAUST FAN	1/4				696	120	1	1	2 #	12	.1 #	12	G	3/4	20	A 1 P	STO			
ECF-1	CONDENSATE RECEIVER	1/2				1,176	120	1	1	2 #	12	.1 #	12	G	3/4	20	A 1 P	STO			
DDC	DDC CONTROL PANEL				100	100	120	1	1	2 #	12	.1 #	12	G	3/4	20	A 1 P	HARD-WIRE		3	
SP-1	SUMP PUMP 1	1/2				831	480	3	1	3 #	12	.1 #	12	G	3/4	15	A 3 P	30	A 3 P	1.5	
SP-2	SUMP PUMP 2	1/2				831	480	3	1	3 #	12	.1 #	12	G	3/4	15	A 3 P	30	A 3 P	1.5	
SPCP	SUMP PUMP CONTROL PANEL				100	100	120	1	1	2 #	12	.1 #	12	G	3/4	20	A 1 P	HARD-WIRE		3	
ESP-1	ELEVATOR SUMP PUMP	1/2				1,176	120	1	1	2 #	12	.1 #	12	G	3/4	20	A 1 P	BY MFR		3	
RWP-1	RECOVERY WATER SUMP	5				6,319	480	3	1	3 #	12	.1 #	12	G	3/4	20	A 3 P	30	A 3 P	12	
RWP-2	RECOVERY WATER SUMP	5				6,319	480	3	1	3 #	12	.1 #	12	G	3/4	20	A 3 P	30	A 3 P	12	
HWCP-1	DOMESTIC HOT WATER RECIRC PUMP	1/3				864	120	1	1	2 #	12	.1 #	12	G	3/4	20	A 1 P	STO			
EW-1	ELECTRIC WATER HEATER				9000	9,000	208	3	1	3 #	8	.1 #	10	G	3/4	35	A 3 P	30	A 3 P	30	
EW-2	ELECTRIC WATER HEATER				9000	9,000	208	3	1	3 #	8	.1 #	10	G	3/4	35	A 3 P	30	A 3 P	30	
ETP-1	ELECTRONIC TRAP PRIMER	100				100	120	1	1	2 #	12	.1 #	12	G	3/4	20	A 1 P	BY MFR			
DR	DATA RACK OUTLET				5000	5,000	208	1	1	2 #	10	.1 #	10	G	3/4	30	A 2 P	NEMA LB-30R		30	
JH	JACKET HEATER				100	100	120	1	1	2 #	12	.1 #	12	G	3/4	20	A 1 P	HARD-WIRE			
BC	BATTERY HEATER				500	500	120	1	1	2 #	12	.1 #	12	G	3/4	20	A 1 P	HARD-WIRE			
FSD	FIRE/SMOKE DAMPER				100	100	120	1	1	2 #	12	.1 #	12	G	3/4	20	A 1 P	HARD-WIRE			
VAV ###	TYPICAL HYDRONIC VAV TERMINAL BOX				100	100	120	1	1	2 #	12	.1 #	12	G	3/4	20	A 1 P	BY MFR		6	
GENERAL NOTES (FOR ALL SCHEDULED EQUIPMENT):																					
A. FIELD-VERIFY ALL EQUIPMENT LOADS, VOLTAGES, AND RECOMMENDED OVERCURRENT PROTECTION SIZES PRIOR TO INSTALLING BRANCH CIRCUITS.																					
B. PROVIDE ALL LINE VOLTAGE CONTROL WIRING AS REQUIRED BY THE MECHANICAL CONSTRUCTION DOCUMENTS.																					
C. FURNISH DISCONNECT SWITCHES LOCATED EXTERIOR TO THE STRUCTURE WITH NEMA 3R ENCLOSURES UNLESS OTHERWISE INDICATED.																					
D. PROVIDE 120V WEATHER-PROOF, GFCI SERVICE RECEPTACLE WITHIN 25'-0" OF ALL HEATING, AIR-CONDITIONING, AND REFRIGERATION (HACR) EQUIPMENT.																					
E. PROVIDE DUCT DETECTION FOR ALL RETURN AIR SYSTEMS WITH A DESIGN CAPACITY GREATER THAN 2000 CFM, AND FOR ALL RETURN AIR RISERS THAT SERVE TWO OR MORE STORIES AND SERVE ANY PORTION OF A RETURN AIR SYSTEM HAVING A DESIGN CAPACITY GREATER THAN 15,000 CFM, AND ADDITIONALLY AS REQUIRED BY LOCAL CODES AND AMENDMENTS.																					
F. REFER TO MECHANICAL PLANS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT AND ASSOCIATED CONTROLS.																					
NOTES SPECIFIC TO SCHEDULED EQUIPMENT (REFER TO NOTES COLUMN WITHIN SCHEDULE):																					
1. EQUIPMENT PROVIDED WITH SINGLE POINT OF CONNECTION.																					
2. EQUIPMENT PROVIDED WITH VARIABLE FREQUENCY DRIVE (VFD). COORDINATE WITH MECHANICAL CONTRACTOR.																					
3. EQUIPMENT SERVED BY STANDBY GENERATOR POWER.																					
4. EQUIPMENT SERVED BY LEGALLY REQUIRED STANDBY GENERATOR POWER.																					
5. FAN/WALL SECTION PROVIDED WITH SINGLE POINT CONNECTION. COORDINATE AHU SECTION CONNECTION WIRING WITH VENDOR.																					
6. DISCONNECT PROVIDED WITH EQUIPMENT																					

LIGHTING RELAY PANEL SCHEDULE						
RELAY PANEL NAME: LP1 DESCRIPTION: 8- CONTRACTOR ENCLOSURE MOUNTING: SURFACE (ELEC. 2.512) CONTROL CIRCUIT: 2LN-50						
RELAY #	RELAY VOLTAGE	RELAY AMP	DESCRIPTION OF CONTROL	CIRCUIT	NOTES	
1	277V	20A	LEVEL 2 CORRIDOR	2HE-8		
2	277V	20A	LEVEL 3 CORRIDOR	2HE-9		
3	277V	20A				
4	277V	20A				
5	277V	20A				
6	277V	20A				
7	277V	20A				
8	277V	20A				
NOTES:						

LIGHTING RELAY PANEL SCHEDULE						
RELAY PANEL NAME: LP2 DESCRIPTION: 8- CONTRACTOR ENCLOSURE MOUNTING: SURFACE (ELEC. 5.512) CONTROL CIRCUIT: 5LN-53						
RELAY #	RELAY VOLTAGE	RELAY AMP	DESCRIPTION OF CONTROL	CIRCUIT	NOTES	
1	277V	20A	LEVEL 4 CORRIDOR	5HE-9		
2	277V	20A	LEVEL 5 CORRIDOR	5HE-7		
3	277V	20A				
4	277V	20A				
5	277V	20A				
6	277V	20A				
7	277V	20A				
8	277V	20A				
NOTES:						

ELEC_LIGHT FIXTURE SCHEDULE

NOTE: SEE SPECIFICATION SECTION 265100 AND 265600 FOR ADDITIONAL INFORMATION REGARDING LIGHTING FIXTURES AND INSTALLATION REQUIREMENTS. PROVIDE OPTIONS AND ACCESSORIES BY THE REFERENCED COLUMN TITLED "REMARKS". MANUFACTURERS LISTED SHALL MEET ALL REQUIREMENTS AND FEATURES INDICATED.

Fixture Type	Fixture Dimensions				Description	Voltage	Lamp Data				Manufacturer Catalog Series	Remarks
	Width	Length	Height	DIA			Wattage	Type	Color Temp	Delivered Lumens		
ALT-A					24" DIAMETER SUSPENDED LUMINAIRE, PROVIDE CABLE FOR ADJUSTABLE DROP, COORDINATE HEIGHT AFF W/ ARCHITECT.						Prudential Lighting	
ALT-B					FIAMA 30 SUSPENSION LUMINAIRE 700FIA30W-LED930						TECH LIGHTING	
ALT-C					Suspended Pendant Lighting						Focal Point	FNRP 33 FL50 4500L 3500K 1C UNV L11 G CLV48
L1	2"	48"	5 1/2"	0' - 0"	SUSPENDED LED INDUSTRIAL FIXTURE, PAINTED AFTER FABRICATION, MOUNTED AT 9' AFF UNLESS NOTED OTHERWISE	277 V	65 W	LED	4000K	8000	DAY-BRITE FSI440L840-UNV-DIM-PAF	
L1E	2"	48"	5 1/2"	0' - 0"	SUSPENDED LED INDUSTRIAL FIXTURE, PAINTED AFTER FABRICATION, MOUNTED AT 9' AFF UNLESS NOTED OTHERWISE, EMERGENCY BATTERY PACK	277 V	31 W	LED	4000K	4000	DAY-BRITE FSI440L840-UNV-DIM-PAF-EM LED	
L2A	24"	24"	6"	0' - 0"	2'X2' LED FLAT PANEL, ACRYLIC DIFFUSER	277 V	33 W	LED	4000K	3800	DAY-BRITE 2FXP38L840-2-DS-UNV-DIM WILLIAMS COLUMBIA	
L2B	24"	24"	6"	0' - 0"	2'X2' LED FLAT PANEL, ACRYLIC DIFFUSER	277 V	27 W	LED	4000K	3000	DAY-BRITE 2FXP30L840-2-DS-UNV-DIM	
L2C	24"	24"	6"	0' - 0"	2'X2' LED FLAT PANEL, ACRYLIC DIFFUSER	277 V	42 W	LED	4000K	4500	DAY-BRITE 2FXP45L840-2-DS-UNV-DIM	
L3A	24"	24"	6"	0' - 0"	RECESSED 2 X 2 ARCHITECTURAL LED TROFFER, OPAL DIFFUSER	277 V	33 W	LED	4000K	3800	DAY-BRITE 2EVG38L840-2-D-UNV-DIM	
L3B	24"	24"	6"	0' - 0"	RECESSED 2 X 2 ARCHITECTURAL LED TROFFER, OPAL DIFFUSER	277 V	25 W	LED	4000K	3000	DAY-BRITE 2EVG30L840-2-D-UNV-DIM	
L3C	24"	24"	6"	0' - 0"	RECESSED 2 X 2 ARCHITECTURAL LED TROFFER, OPAL DIFFUSER	277 V	47 W	LED	4000K	4500	DAY-BRITE 2EVG45L840-2-D-UNV-DIM	
L6	6"	6"	4"	0' - 0"	LED SQUARE DOWN LIGHT, WIDE BEAM, POLISHED FLANGE, SPECULAR CLEAR FINISH	277 V	10 W	LED	4000K	1000	CALCULITE C6L-10-9-40-M-Z10-U	
L7	6"	48"	6"	0' - 0"	TAMPER PROOF WRAPAROUND LED FIXTURE, PRISMATIC POLYCARBONATE LENS, INTEGRAL OCCUPANCY SENSOR	277 V	63 W	LED	4000K	7000	PACO P760-48-LED-70-40-MV	
L8	4"	24"	6"	0' - 0"	LED VANITY LIGHT FIXTURE, WHITE ACRYLIC DIFFUSER WITH END CAPS, MOUNT ABOVE MIRROR	277 V	23 W	LED	4000K	2762	BROWNLEE 5176-24-BN-F23-40K	
L9	0"	0"	8"	0' - 6"	LED SHOWER DOWN LIGHT, POLYCARBONATE LENS	277 V	9 W	LED	4000K	607	PATHWAY 6LBVWL104K	
L19	0"	0"	0"	1' - 4"	LED SURFACE MOUNTED SCONCE, COORDINATE MOUNTING WITH ARCHITECT.	277 V	24 W	LED	3000K	3000	EVERGREEN LIGHTING CALISTOGA SERIES CAL-W-15-24-AB-WF	
L21	0"	0"	0"	1' - 4"	LED SURFACE MOUNTED EXTERIOR WALL PACK, COORDINATE MOUNTING WITH ARCHITECT.	277 V	34 W	LED	3000K	3987	MCGRAW - IST	600mA DRIVE CURRENT, RECTANGULAR WIDE TYPE 1 DISTRIBUTION.
L23	0"	0"	8"	0' - 6"	LED 6 INCH RECESSED CANOPY DOWNLIGHT, COORDINATE MOUNTING WITH ARCHITECT.	277 V	11 W	LED	3000K	1000	PORTFOLIO - LD6B	NARROW (30DEG) BEAM, FINISHES BY ARCHITECT, SLOPE ADAPTER FOR CANOPY, IP66 GASKET KIT
X1	4 7/8"	12 1/4"	8 1/4"	0' - 0"	SINGLE FACE LED EDGE-LIT EXIT SIGN	277 V	4 W	LED	-	-	LITHONIA EDGR	
X2	4 7/8"	12 1/4"	8 1/4"	0' - 0"	DOUBLE FACE LEDGE-LIT LED EXIT SIGN	277 V	5 W	LED	-	-	LITHONIA EDGR	