

MECHANICAL EQUIPMENT SCHEDULE														
KEY	ITEM	MOTORS HP	LOAD VA	EQUIV. LD (VA)	VOLTAGE VLTG	PH SETS	FEEDER SIZE	PROTECTION BREAKER	DISC AT UNIT DISC SW	FUSE	NOTE			
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	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 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-2-3	FAN COIL UNIT	4.5	935	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 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	
RAT-4	AHU4 RETURN FAN	27.6	22,967	480	3	1	3 #	10	1 #	10	G	1	45 A 3 P VFD 40 2.5	
SAF-4	AHU4 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	
ECP-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	
HWC-1	DOMESTIC HOT WATER REIRC PUMP	1/3	864	120	1	1	2 #	12	1 #	12	G	3/4	20 A 1 P STO	
EWH-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
EWH-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 L6-30R 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
TYPICAL HYDROIC VAV														
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													
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	WIDTH	LENGTH	HEIGHT	DIA	DESCRIPTION	VOLTAGE	LAMP DATA		MANUFACTURER CATALOG SERIES	REMARKS			
							VATTAGE	TYPE	COLOR TEMP	DELIVERED LUMENS			
ALT-A					24" DIAMETER SUSPENDED LUMINAIRE, PROVIDE CABLE FOR ADJUSTABLE DROP, COORDINATE HEIGHT AFF W/ ARCHITECT.	277 V	65 W	LED	4000K	8000	Prudential Lighting		
ALT-B					FIAMA 30 SUSPENSION LUMINAIRE 700FIA30W-LED930	277 V	31 W	LED	4000K	4000	TECH LIGHTING		
ALT-C					Suspended Pendant Lighting	277 V	33 W	LED	4000K	3800	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	31 W	LED	4000K	4000	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	27 W	LED	4000K	2762	DAY-BRITE FSI440L840-UNV-DIM-PAF-EM</td		