

LIGHTING FIXTURE SCHEDULE											
TYPE	Description	LENS/LOUVER	MOUNTING	LAMP	BALLAST	VOLT	WATT	MFR	CATALOG SERIES	NOTE	
BL1	1070mm (42") HIGH LED BOLLARD C/W DARK BRONZE FINISH	GLASS LENS	BOLLARD	LED	0-10V LED DRIVER	120 V	50 W	LITHONIA	DSXB-LED-16C-700-40K-ASY-120-DOBXD		
EB25HV	BATTERY BANK, STEEL CABINET COMPLETE WITH INTEGRAL VOLTAGE SENSING RELAYS, DOUBLE EMERGENCY LIGHTING HEADS AND DC TERMINAL BLOCKS.	---	WALL	2 x 5W LED 50000HR 340 LUMENS	---	120 V	250 W	LUMACELL	RG12S		
ELA25	DOUBLE HEAD EMERGENCY LIGHTING DECORATIVE REMOTE DIE CAST ALUMINUM CONSTRUCTION. WHITE	---	WALL	2 x 5W LED 50000HR 340 LUMENS	NON DIMMING DRIVER	12 V	10 W	LUMACELL	DR		
L1	LARGE FLOOD UP-LIGHT C/W BLACK FINISH. REFER TO ARCHITECTURAL DETAILS.	WIDE FLOOD TEMPERED GLASS	SHORT YOKE	3400 LUMENS LED 82+CRI 3000K 50,000 HR	0-10V LED DRIVER	120 V	50 W	LUMENPULSE	LBL-120-30K-WFL-LS LH-BK-NO-SY		
PL1	24" ROUND FLAT PENDANT COMPLETE WITH SMOOTH EXTRUDED ALUMINUM SIDE WALL AND MINIMAL TRIM.	FLAT WHITE ACRYLIC	3-WAY MONOPOINT CABLE SUSPENSION	7300 LUMENS LED 82+CRI 3000K 50,000 HR	0-10V DIMMING DRIVER	120 V	110 W	PRUDENTIAL LIGHTING	P4000 SERIES		
PL2	8" DIAMETER CYLINDER WALL WASH C/W CLEAR SATIN ALZAK PARABOLIC CONE C/W DIFFUSE KICKER C/W FROSTED DIMPLED GLASS LENS	FROSTED DIMPLED GLASS LENS	PENDANT	2300 LUMENS LED 82+CRI 3000K 50,000 HR	0-10V DIMMING DRIVER	120 V	29 W	JUNO LIGHTING GROUP	LC8P-4040U-W-G3 L800WS-CS P36C-W		
PL3	8" DIAMETER CYLINDER C/W CLEAR SATIN ALZAK PARABOLIC CONE C/W DIFFUSE KICKER C/W FROSTED GLASS LENS	FROSTED DIMPLED GLASS LENS	PENDANT	4000 LUMENS LED 82+CRI 3000K 50,000 HR	0-10V DIMMING DRIVER	120 V	44 W	JUNO LIGHTING GROUP	LC8P-2340U-W-G3 L800WS-CS P36C-W		
RL2	610mm x 1220mm (2' X 4') LED COMPLETE WITH VOLUMETRIC DIFFUSOR.	ACRYLIC VOLUMETRIC DIFFUSER	RECESSED IN T-BAR	6000 LUMENS LED 82+CRI 3000K 50,000 HR	0-10V DIMMING DRIVER	120 V	55 W	LITHONIA	RTLED		
RL7	610mm x 610mm (2' X 2') LED COMPLETE WITH VOLUMETRIC DIFFUSOR.	ACRYLIC VOLUMETRIC DIFFUSER	RECESSED IN T-BAR	4000 LUMENS LED 82+CRI 3000K 50,000 HR	0-10V DIMMING DRIVER	120 V	41 W	LITHONIA	RTLED		
SL1	1220mm (4') LONG LED STRIP, CHAIN SUSPENDED C/W WIREGUARD	SNAP ON FROSTED LENS	CHAIN SUSPENDED	3000 LUMENS LED 82+CRI 3000K 50,000 HR	LED DRIVER	120 V	30 W	LITHONIA	SL1N		
SL2	1220mm (4') LONG LED SURFACE MOUNTED LINEAR SLOT	SNAP ON FROSTED LENS	SURFACE	2100 LUMENS LED 82+CRI 3000K 50,000 HR	0-10V DIMMING DRIVER	120 V	37 W	LUMENPULSE	LOG RO-120-48-30K-60X6 0-SI-DIM		
SL3	LED TAPE LIGHT SURFACE MOUNTED IN HANDRAIL C/W ALUMINUM EXTRUSION C/W LOW VOLTAGE DRIVER(S).	FROSTED	SURFACE	2100 LUMENS LED 82+CRI 3000K 50,000 HR	0-10V LED DRIVER	120 V	50 W	GREEN IMAGE TECH	GS-50NFX3		
WL1	4'-0" LED WALL BRACKET C/W SATIN CHROME FINISH C/W WHITE DIFFUSER	WHITE	SURFACE WALL	1920 LUMENS LED 82+CRI 3000K 50,000 HR	0-10V DIMMING DRIVER	120 V	22 W	EUREKA	3541-47-LED.22.30-12 0-DV-SC-WH		
WL2	4'-0" LED WALL BRACKET	LINEAR FACETED REFRACTOR	SURFACE WALL	4000 LUMENS LED 82+CRI 3000K 50,000 HR	0-10V DIMMING DRIVER	120 V	40 W	LITHONIA	WL4		
WL3	EXTERIOR WALL MOUNTED LUMINAIRE C/W DARK BRONZE FINISH AND FULL CUT-OFF	---	SURFACE WALL	5000 LUMENS LED 82+CRI 3000K 50,000 HR	0-10V LED DRIVER	120 V	47 W	LITHONIA	DSXW1-LED-20C-700 -30K-T3M-MVOLT		

GENERAL NOTES:

- A. CONTRACTOR SHALL REFER TO SPECIFICATIONS REGARDING PROVIDING ADDITIONAL SPARE LAMPS, LENSES, AND GLOBES.
- B. WHERE "APPROVED EQUAL" IS LISTED IN THE MANUFACTURER COLUMN, FIXTURES MUST BE SUBMITTED AS A SUBSTITUTION FOR APPROVAL PRIOR TO BID SUBMISSION.

SCHEDULE NOTES:

- 1. NOT USED.

ADD#1

MECHANICAL EQUIPMENT SCHEDULE																
NO.	DESCRIPTION	ROOM	LOAD			VOLT	PH	CIRCUIT	CONDUIT & WIRE SIZE	STARTER		CONTROL DEVICE		DISCONNECT		NOTES
			HP	A	W					COMPONENT	FURN. INST.	COMPONENT	FURN. INST.	COMPONENT	FURN. INST.	
AC-1	AIR CONDITIONING UNIT	109	13 A	0 W	208 V	1		16(1/2")C-2#12 #12 GND	---	---	INTERLOCK	DIV. 23	NFS	DIV. 26	4	
AHU-1RF	AIR HANDLING UNIT - RETURN FAN	117	15 HP	0 A	0 W	208 V	3	CDP-A-6	27mm(1")C 3#6	VFD	DIV. 23	DDC	DIV. 23	NFS	DIV. 26	1
AHU-1SF	AIR HANDLING UNIT - SUPPLY FAN	117	20 HP	0 A	0 W	208 V	3	CDP-A-7	27mm(1")C 3#6	VFD	DIV. 23	DDC	DIV. 23	NFS	DIV. 26	1
B-1	GAS BOILER	117	5 A	0 W	120 V	1	D-13	16(1/2")C 2#12	---	---	DDC	DDC	NFS	DIV. 26		
B-2	GAS BOILER	117	5 A	0 W	120 V	1	D-15	16(1/2")C 2#12	---	---	DDC	DDC	NFS	DIV. 26		
CH-1	CHILLER	EXTERIOR	216 A	0 W	208 V	3	CDP-A-6	63mm(2-1/2")C 4#40	---	---	DDC	DDC	NFS	DIV. 26		
CU-1	CONDENSING UNIT		15 A	0 W	208 V	1	D-24.26	16(1/2")C 2#12	---	---	DIV. 26	THERMOSTAT	DIV. 23	NFS	DIV. 26	
DWH-1	DOMESTIC WATER HEATER	117	5 A	0 W	120 V	1	D-18	16(1/2")C 2#12	---	---	PACK	DIV. 23	NFS	DIV. 26		
ERV-1	ENERGY RECOVERY VENTILATOR	117	7.5 A	0 W	208 V	3	D-10,12,14	16(1/2")C 3#12	---	---	DDC	DDC	NFS	DIV. 26		
F-1	EXHAUST FAN	117	1/4 HP	0 A	0 W	120 V	1	D-21	16(1/2")C 2#12	MAG FVNR HOA RP GP	DIV. 26	DDC	DIV. 23	NFS	DIV. 26	
F-2	FAN	106	1/4 HP	0 A	0 W	120 V	1	D-3	16(1/2")C 2#12	MAG FVNR HOA RP GP	DIV. 26	DDC	DIV. 23	NFS	DIV. 26	
F-3	FAN	106	1/4 HP	0 A	0 W	120 V	1	D-5	16(1/2")C 2#12	MAG FVNR HOA RP GP	DIV. 26	DDC	DDC	NFS	DIV. 26	
HU-1	HUMIDIFIER	117	80 A	0 W	208 V	3	CDP-A-8	27mm(1")C 3#3	---	---	DDC	DDC	NFS	DIV. 26		
P-1	PUMP	117	2 HP	0 A	0 W	208 V	1	D-6.8	16(1/2")C 2#12	---	---	DDC	DDC	NFS	DIV. 26	
P-2	PUMP	117	2 HP	0 A	0 W	208 V	1	D-9.11	16(1/2")C 2#12	---	---	DDC	DDC	NFS	DIV. 26	
P-3	PUMP	117	1/2 HP	0 A	0 W	120 V	1	D-2	16(1/2")C 2#12	---	---	DDC	DDC	NFS	DIV. 26	
P-4	PUMP	117	1/2 HP	0 A	0 W	120 V	1	D-4	16(1/2")C 2#12	---	---	DDC	DDC	NFS	DIV. 26	
P-5	RECIRC PUMP	117	1/2 HP	0 A	0 W	120 V	1	D-1	16(1/2")C 2#12	---	---	DDC	DDC	NFS	DIV. 26	
P-6	SUMP PUMP	117	1/3 HP	0 A	0 W	120 V	1	D-16	16(1/2")C 2#12	PACK	---	DUPLX CONTROLLER	DIV. 23	NFS	DIV. 26	
P-7	SUMP PUMP	117	1/3 HP	0 A	0 W	120 V	1	D-16	16(1/2")C 2#12	PACK	---	DUPLX CONTROLLER	DIV. 23	NFS	DIV. 26	
UH-1	UNIT HEATER	117	1/8 HP	0 A	0 W	120 V	1	D-19	16(1/2")C 2#12	MAG FVNR HOA RP GP	DIV. 26	DDC	DIV. 23	NFS	DIV. 26	3
VAV-1	VARIABLE AIR VOLUME UNIT	112	1 A	0 W	120 V	1	D-7	16(1/2")C 2#12	---	---	DDC	DDC	---	---	2	
VAV-2	VARIABLE AIR VOLUME UNIT	105	1 A	0 W	120 V	1	D-7	16(1/2")C 2#12	---	---	DDC	DDC	---	---	2	

STARTER TYPES:

- FVNR FULL VOLTAGE NON-REVERSING
- FVR FULL VOLTAGE REVERSING
- 2-SPD TWO SPEED
- VFD VARIABLE FREQUENCY DRIVE
- RVS REDUCED VOLTAGE
- MAG MAGNETIC STARTER
- MAN MANUAL STARTER

COMBINATION DISCONNECT TYPES:

- FS FUSED SWITCH
- NFS NON-FUSED SWITCH
- MCP MOTOR CIRCUIT PROTECTOR
- CB CIRCUIT BREAKER

CONTROL DEVICES:

- HQA HAND-OFF-AUTO SWITCH
- RP RED (RUN) PILOT LIGHT
- GP GREEN (POWER) PILOT LIGHT
- 00 ON-OFF SELECTOR SWITCH
- S/S STOP-START PUSHBUTTONS

ABBREVIATIONS:

- EC ELECTRICAL SUBCONTRACTOR
- MC MECHANICAL SUBCONTRACTOR
- GC GENERAL CONTRACTOR
- TC TEMPERATURE CONTROL
- OWN CITY

GENERAL NOTES:

- A. CIRCUITING IS REPRESENTATIONAL ONLY. CONFIRM CIRCUITING ARRANGEMENTS ON SITE WITH EXISTING CONDITIONS.
- B. WIRING BETWEEN VFDs AND MOTORS SHALL BE RATED FOR VFD USE.
- C. INPUT AND OUTPUT CONDUCTORS TO AND FROM VFD'S SHALL BE INSTALLED IN SEPARATE RACEWAYS, INDEPENDENT FROM ANY OTHER CONDUCTORS, AND SHALL NOT PASS THRU ANY COMMON WIREWAY OR RACEWAY.

NOTES:

- 1. INSTALL, WIRE AND CONNECT VFD AS SUPPLIED BY MECHANICAL. VFD SHALL BE LOCATED AT AHU-1. CONFIRM FINAL LOCATIONS WITH MECHANICAL.
- 2. INSTALL, WIRE AND CONNECT LOW VOLTAGE TRANSFORMER AS SUPPLIED BY MECHANICAL.
- 3. WIRE AND CONNECT SUMP PUMP DUPLEX CONTROLLER C/W ASSOCIATED CONTROLS. REFER TO TYPICAL DUPLEX SUMP PUMP WIRING DETAIL.
- 4. INTERIOR UNIT AC-1 SHALL BE SUB-FED FROM EXTERIOR UNIT CU-1.



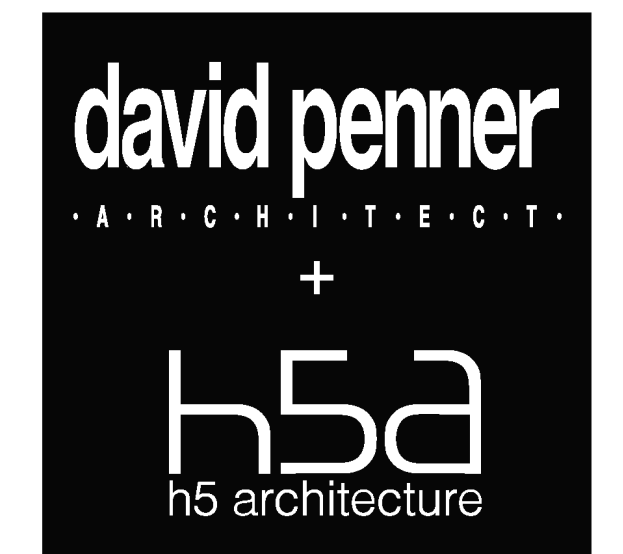
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 February 28, 2016

SCALE
 1/8" = 1'-0"

electrical
 schedules
E6.1