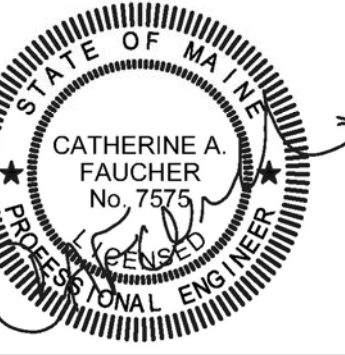




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Mark Date Description

Project Status
**ISSUED FOR
 CONSTRUCTION**

SEPTEMBER 21, 2016

Drawing Title

**ELECTRICAL
 SCHEDULES**

Scale: 12" = 1'-0"

Drawing Number

E-60.1

ELECTRICAL SCHEDULE OF MECHANICAL EQUIPMENT

TAG	DESCRIPTION	VOLTS	PH	LOAD	MCA	MOPD	DISCONNECT SWITCH				STARTER (NEMA)		CBD	PANEL	WIRING IN CONDUIT	NOTES
							FRAME	POLES	FUSE	NEMA ENCL	FBD	SIZE/ VFD				
CU-1/ AC-1	SPLIT A/C UNIT	208	1	—	18	30	30	3	30	3R	26	—	—	SEE NOTE	(2) #10 + (1) #10G	3
RCP-1	DHW RECIRC PUMP	120	1	1/8 HP	—	—	20	1	NF	1	26	—	—	23	(2) #12 + (1) #12G	
EF-1	EXHAUST FAN	120	1	135 W	—	—	FWE					—	—	26	(2) #12 + (1) #12G	1, 4
EF-2	EXHAUST FAN	120	1	285 W	—	—	FWE					—	—	26	(2) #12 + (1) #12G	1, 4
EF-3	EXHAUST FAN	120	1	256 W	—	—	FWE					—	—	26	(2) #12 + (1) #12G	1, 4
FP-1	VAV AIR TERMINAL FAN	277	1	1/3 HP	—	—	20	1	20	1	26	—	—	23	20A CB (2) #12 + (1) #12G	1, 2
FP-2	VAV AIR TERMINAL FAN	277	1	1/2 HP	—	—	30	1	30	1	26	—	—	23	30A CB (2) #10 + (1) #10G	1, 2
FP-3	VAV AIR TERMINAL FAN	277	1	1 HP	—	—	60	1	50	1	26	—	—	23	50A CB (2) #8 + (1) #10G	1, 2
FP-4	VAV AIR TERMINAL FAN	480	3	1 HP	—	—	30	3	20	1	26	—	—	23	20A CB (3) #12 + (1) #12G	1, 2
VAV-A	VAV AIR TERMINAL HEAT	277	1	SEE PLAN	—	—	20	1	NF	1	26	—	—	23	20A CB (2) #12 + (1) #12G	1, 2
VAV-B	VAV AIR TERMINAL HEAT	277	1	SEE PLAN	—	—	20	1	NF	1	26	—	—	23	20A CB (2) #12 + (1) #12G	1, 2
VAV-C	VAV AIR TERMINAL HEAT	277	1	SEE PLAN	—	—	20	1	NF	1	26	—	—	23	20A CB (2) #12 + (1) #12G	1, 2
VAV-D	VAV AIR TERMINAL HEAT	277	1	SEE PLAN	—	—	20	1	NF	1	26	—	—	23	20A CB (2) #12 + (1) #12G	1, 2
VAV-E	VAV AIR TERMINAL HEAT	277	1	SEE PLAN	—	—	20	1	NF	1	26	—	—	23	20A CB (2) #12 + (1) #12G	1, 2
VAV-G	VAV AIR TERMINAL HEAT	277	1	SEE PLAN	—	—	20	1	NF	1	26	—	—	23	20A CB (2) #12 + (1) #12G	1, 2

NOTES:
 1 SCHEDULED DATA IS TYPICAL FOR MULTIPLE UNITS. REFER TO FLOOR PLANS FOR QUANTITY OF UNITS.
 2 VARIOUS RATINGS OF ELECTRIC HEATING ELEMENT ARE USED IN UNITS WITH THIS TAG DESIGNATION. REFER TO FLOOR PLANS FOR KW RATINGS OF HEATING ELEMENTS. VERIFY MCA AND MOPD RATINGS PRIOR TO ORDERING FUSES.
 3 INDICATED WIRING IS POWER TO CU BY DIVISION 26. POWER AND CONTROL CABLE BETWEEN AC AND CU IS FURNISHED BY DIVISION 23 AND INSTALLED BY DIVISION 26.
 4 WIRE AND CONNECT WALL MOUNTED SPEED CONTROLLER FURNISHED BY DIVISION 23. COORDINATE SPEED CONTROLLER LOCATION WITH DIVISION 23 AND ARCHITECT.
 5 UNIT IS CONSISTS OF MULTIPLE MOTORS FACTORY WIRED FOR SINGLE-POINT POWER CONNECTION.
 6 CORD AND PLUG FURNISHED WITH EQUIPMENT

ABBREVIATIONS:
 FWE FURNISHED WITH EQUIPMENT
 NF NOT FUSED
 SWBD SWITCHBOARD
 FBD FURNISHED BY DIVISION
 CBD CONTROL WIRING BY DIVISION

D1 ELECTRICAL SCHEDULE OF MECHANICAL EQUIPMENT

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MFR	CATALOG SERIES NUMBER SEE NOTE 1	MOUNTING	VOLTS	LAMP			KEY NOTES
						QTY PER FIXTURE	WATTS	TYPE	
A	RECESSED T-BAR FIXTURE	ARON	DUOT1-2FA-3000-B3-3500K-90-UNV-DM	GRID	MVOLT	1	30	LED ARRAY 3500K	
A1	RECESSED GRID TROFFER	COLUMBIA	LCAT22-35MLG-EU	GRID	MVOLT	1	30	LED ARRAY 3500K	
B	4" APERTURE LINEAR FIXTURE	FINELITE	HP-4R-V-9-35-F-120V-SC*	RECESSED	SEE NOTE 7	1	9.3W/ft.	LED ARRAY 3500K	6, 7
B1	4" APERTURE LINEAR FIXTURE	FINELITE	HP-4R-V-9-35-F-120V-SC*	RECESSED	SEE NOTE 7	1	9.3W/ft.	LED ARRAY 3500K	6, 7
C	CEILING MOUNTED UTILITY LIGHT	COLUMBIA	LCL4-35ML-EU	SURFACE	MVOLT	1	48	LED ARRAY 3500K	
D	RECESSED DOWNLIGHT	FOCAL POINT	HOUSING: FLC44D-SO-3000L-L11-T TRIM: LC44-SQ-3000L-935-DN-CD-WH	RECESSED	SEE NOTE 7	1	45	LED ARRAY 3500K	7
D1	RECESSED DOWNLIGHT	FOCAL POINT	HOUSING: FLC44D-SO-1500L-L11-T TRIM: LC44-SQ-1500L-935-DN-CD-WH	RECESSED	SEE NOTE 7	1	21	LED ARRAY 3500K	7
F	SURFACE MOUNTED COVE LIGHT	FOCAL POINT	FCOL-HN-1000LF-35K-1C-LD1-CV	SURFACE	MVOLT	1	9W/ft.	LED ARRAY 3500K	6
G	RECESSED WALL GRAZING FIXTURE	FOCAL POINT	FTRLACL135K1C120LD1**-WH**	RECESSED	MVOLT	1	5.8W/ft.	LED ARRAY 3500K	6
H	RECESSED LINEAR FIXTURE	FINELITE	HP-2R-V-SO-3500K**-SC	RECESSED	SEE NOTE 7	1	4.6W/ft.	LED ARRAY 3500K	7
L	SURFACE MOUNTED UNDER CABINET LIGHT, 32" LENGTH	PRIMA	55132-WH-30K	UNDERCABINET	120	1	10.8	LED ARRAY 3000K	
L1	SURFACE MOUNTED UNDER CABINET LIGHT, 24" LENGTH	PRIMA	55124-WH-30K	UNDERCABINET	120	1	8	LED ARRAY 3000K	
P	4"x4" INDIRECT PENDANT	FINELITE	E1-14x4-H-9-35*-SC	PENDANT SEE PLAN	SEE NOTE 7	1	60	LED ARRAY 3500K	7
P1	3" DIAMETER DIRECT PENDANT	FOCAL POINT	FSDL-33-CX-4000L-35K-1C-UNV-L11-S18-TC	PENDANT SEE PLAN	MVOLT	1	48	LED ARRAY 3500K	8
P2	2" DIAMETER DIRECT PENDANT	FOCAL POINT	FSDL-33-CX-4000L-35K-1C-UNV-L11-S18-TC	PENDANT SEE PLAN	MVOLT	1	56	LED ARRAY 3500K	8
P3	2" DIAMETER DIRECT PENDANT, 12" STEMS	FOCAL POINT	FSDL-33-CX-4000L-35K-1C-UNV-L11-S12-TC	PENDANT SEE PLAN	MVOLT	1	56	LED ARRAY 3500K	8
P4	LINEAR DIRECT/INDIRECT PENDANT, 14' LENGTH	FINELITE	HP-2-ID-14'-H-H-9-35-TG-BG*-FA-DC	PENDANT SEE PLAN	SEE NOTE 7	1	14.2W/ft.	LED ARRAY 3500K	7
P5	LINEAR DIRECT PENDANT, 8' LENGTH	FINELITE	HP-2-D-8-H-9-35-BG*-FM-SC	PENDANT SEE PLAN	SEE NOTE 7	1	7.1W/ft.	LED ARRAY 3500K	7
P6	LINEAR DIRECT PENDANT, 6' LENGTH	FINELITE	HP-2-D-6-H-9-35-BG*-FM-SC	PENDANT SEE PLAN	SEE NOTE 7	1	7.1W/ft.	LED ARRAY 3500K	7
P7	LINEAR DIRECT PENDANT, 4' LENGTH	FINELITE	HP-2-D-4-H-9-35-BG*-FM-SC	PENDANT SEE PLAN	SEE NOTE 7	1	7.1W/ft.	LED ARRAY 3500K	7
W	4" SQUARE WALL WASHER	FOCAL POINT	HOUSING: FLC44W-SO-1500L-L11-T TRIM: LC44-SQ-1500L-935-WW-CD-WH	RECESSED	SEE NOTE 7	1	24	LED ARRAY 3500K	7
EXIT	DIE CAST EXIT SIGN WITH BATTERY BACKUP	DUAL-LITE	SE-R-W-E-I	SEE PLAN	SEE NOTE 7	1	3.8	LED ARRAY	3, 7

- NOTES
- NOTE THAT THESE NUMBERS ARE NOT COMPLETE CATALOG NUMBERS. PROVIDE ALL REQUIREMENTS ON SCHEDULE, NOTES, SPECS, AND DRAWINGS COMBINED.
 - CATALOG SERIES NUMBERS ARE USED TO ESTABLISH A LEVEL OF QUALITY AND NOT INTENDED TO LIMIT COMPETITION. SERIES NUMBERS ARE NOT COMPLETE CATALOG NUMBERS. COMPLY WITH ADDITIONAL REQUIREMENTS IN SPECIFICATIONS AND DRAWINGS.
 - PROVIDE WALL, CEILING, OR PENDANT MOUNTING AS INDICATED ON PLANS. PROVIDE NUMBER OF FACES AND ARROWS AS INDICATED.
 - PROVIDE PROGRAMMED START BALLAST WITH ROOMS THAT HAVE OCCUPANCY SENSORS.
 - VERIFY CEILING STRUCTURE AND MOUNTING HEIGHT PRIOR TO ORDERING ANY LIGHT FIXTURES.
 - FIXTURES SHALL SATISFY LENGTHS AND ARRANGEMENT LAYOUTS SHOWN ON PLANS.
 - LUMINAIRE VOLTAGE SHALL MATCH EXISTING BRANCH CIRCUIT VOLTAGE SERVING THE AREA IN WHICH THE FIXTURE WILL BE INSTALLED. VERIFY VOLTAGE IN FIELD PRIOR TO ORDERING.
 - FINISH TO BE SELECTED FROM MANUFACTURER'S STANDARD FINISHES.

A1 LUMINAIRE SCHEDULE