

MOTOR EQUIPMENT SCHEDULE														
TAG	DESCRIPTION / SERVICE	LOCATION	HP/KW/MCA	VOLTS/PH.	D/C PROTECTION	WIRE SIZE	STARTER				CONTROL			REMARKS
							HOA	VFD	Manual	Magnetic	PACKAGED	TYPE	SUPPLY BY	
SPLIT SYSTEMS														
C-AC-01	IT Room Cooling	IT Server Room												Powered by corresponding condensing unit
C-AC-02	Electrical Room Cooling	C113												Powered by corresponding condensing unit
C-AC-03	Electrical Room Cooling	C111												Powered by corresponding condensing unit
CONDENSING UNITS														
C-CU-01	IT Room Cooling	Roof	21.3 MCA, 25 MOP	208/1/60	25A-2P	#10 CU								
C-CU-02	Electrical Room Cooling	Roof	13.7 MCA, 15 MOP	208/1/60	15A-2P	#12 CU								
C-CU-03	Electrical Room Cooling	Roof	21.3 MCA, 25 MOP	208/1/60	25A-2P	#10 CU								
C-AHU-CU-01	Child Care AHU Condensing Unit	Roof	54 FLA, 70 MOP	575/3/60	70A-3P	#4 CU								
AIR HANDLING UNITS														
C-AHU-01	Child Care AHU	Roof	165.4 FLA, 200 MOP	600/3/60	200A-3P	#3/0 CU								
MAKE-UP AIR HANDLING UNIT														
C-MUA-1	DayCare MUA	Crawl space	44 KW, 80 MOP	600/3/60	80A-3P	#3 CU								
FANS														
C-EF-01	Crawl space Exhaust Fan	4 MCA, 15 MOP	208/1/60	15A-2P	#12 CU									
C-EF-02	Kitchen Exhaust Fan	5.8 FLA	120/1/60	15A-1P	#12 CU									
C-EF-03	Garbage room Exhaust Fan	1.5 FLA, 15 MOP	120/1/60	15A-1P	#12 CU									
PUMPS														
C-P-GW-01/02	Pump Controller	Crawl space	0.6 HP	120/1/60	15A-1P	#12 CU								Pump is powered by pump controller. Both pumps will run at the same time
C-P-GW-03/04	Pump Controller	Crawl space	0.6 HP	120/1/60	15A-1P	#12 CU								Pump is powered by pump controller. Both pumps will run at the same time
C-P-DHWR-01	Dom Hot Water Recirc Pump	Mechanical Room	0.1 HP	120/1/60	15A-1P	#12 CU								
CONTROLS														
BAS			15 MCA	120/1/60	15A-1P	#12 CU								Provide junction box in ceiling.
PLUMBING														
DHW-T-1			18 KW	600/3/60	30A-3P	#10 CU								
DHW-T-2			18 KW	600/3/60	30A-3P	#10 CU								
Trap Primers	Electronic Trap Primers		15 MOP	120/1/60	15A-1P	#12 CU								
Grease Interceptor			15 MOP	120/1/60	15A-1P	#12 CU								Grease Interceptor Control
MISC														
Electric Tracing	C-AHU-01 CONDENSATE	Child Care roof	1.54 MCA, 1.23 FLA	120/1/60	15A-1P	#12 CU								Down through roof from AHU, c/w 3m tracing inside from penetration

GENERAL NOTES:

1. REFER TO MECHANICAL SCHEDULES FOR DESIGNED EQUIPMENT SELECTION AND INFORMATION. THIS SCHEDULE IS TO SUPPLEMENT THE INFORMATION SHOWN THROUGHOUT THE DOCUMENTS REGARDING MECHANICAL EQUIPMENT.

MECHANICAL MOTOR LIST

Electric Heater Schedule - CC					
Item #	Watts	Volts	Description	Manufacturer and Model	Notes
FORCE FLOW HEATER					
C-FFH-01	4000	208V/1Ø	FORCE FLOW HEATER 410mm LONG, RECESSED, WHITE COLOR	OUELLET: QAO2400B-T	1,2
UNIT HEATERS					
C-UH-01	2000	208V/1Ø	UNIT HEATER CW WALL OR CEILING BRACKET	OUELLET: OAS2008AM	2
C-UH-02	3000	208V/1Ø	UNIT HEATER CW WALL OR CEILING BRACKET	OUELLET: OAS3008AM	2
C-UH-03	6000	208V/1Ø	UNIT HEATER CW WALL OR CEILING BRACKET	OUELLET: OAS6008AM	2
C-UH-04	7500	208V/3Ø	UNIT HEATER CW WALL OR CEILING BRACKET	OUELLET: OAS7008AM	2
RADIANT CEILING PANELS					
C-ERP-C	750	120V/1Ø	RADIANT CEILING PANELS SIZE 34"x48", RECESSED MOUNT, WHITE COLOR	OUELLET: AS2448-750-120PW	1,2
C-ERP-B	900	120V/1Ø	RADIANT CEILING PANELS SIZE 24"x48", RECESSED MOUNT, WHITE COLOR	OUELLET: AS2448-900-120PW	1,2
C-ERP-A	375	120V/1Ø	RADIANT CEILING PANELS SIZE 24"x24", RECESSED MOUNT, WHITE COLOR	OUELLET: AS2424-375-120PW	1,2
C-ERP-D	350	120V/1Ø	RADIANT CEILING PANELS SIZE 24"x24", RECESSED MOUNT, WHITE COLOR	OUELLET: AS1460-350-24PW	1,2

SPECIFIC ELECTRICAL NOTES:
 1. RECESSED UNLESS OTHERWISE INDICATED
 2. CW INTEGRAL 24V RELAY & TRANSFORMER AND WIRED TO REMOTE DIGITAL WALL MTD T-STAT.
 3. CW BUILT IN T-STAT.
 4. ALL FORCE FLOW HEATERS AND RADIANT CEILING PANELS ARE TO HAVE A SHORT CIRCUIT RATING OF 1...

GENERAL ELECTRICAL NOTES:
 A) VOLTAGE RATINGS AS INDICATED IN ELECTRIC HEATING SCHEDULE UNLESS OTHERWISE NOTED ON DRAWINGS.
 B) APPROVED EQUAL MANUFACTURERS: STELPRO, DIMPLEX, CHROMALOX.
 C) ALL ELECTRIC HEATING DEVICES TO BE CW 24V RELAY & TRANSFORMER AND WIRED TO A REMOTE WALL MOUNTED DIGITAL T-STAT.

ELECTRIC HEATER SCHEDULE

Section 26 06 05.16 - LUMINAIRE SCHEDULE							File Name: Smith + Andersen	
Project Name: SWRC							22522.000.E.001 Luminaire Schedule - CC	
TYPE	VOLT.	LAMP(S)	DIMENSIONS	DESCRIPTION	MANUFACTURER/CATALOGUE NUMBER	MINIMUM PERFORMANCE REQUIRED (DELIVERED)	LOCATED	
INTERIOR LIGHTING								
C.LR1.4.3	120-277V	11.6 W LED W 2x38" 4000 K	LENGTH 4' W 3x14"	Beam 2 series recessed linear 4FT LED lighting fixture. Extruded aluminum housing, 80 CRI, bating lens, 0-10V dimming to 1%, 120-277V UNV, IC rated	AXIS LIGHTING INC BEAM 2 SERIES CAT# B2SORLED-300-80-40-BW-4-W-UNV-DP-1	PER DWG	BUILDING INTERIOR	
C.LR1.4.5	120-277V	19.4 W LED 300 LMFT 4000 K	LENGTH 4' W 2x38" H 3x14"	Beam 2 series recessed linear 4FT LED lighting fixture. Extruded aluminum housing, 80 CRI, bating lens, 0-10V dimming to 1%, 120-277V UNV, IC rated	AXIS LIGHTING INC BEAM 2 SERIES CAT# B2SORLED-500-80-40-BW-4-W-UNV-DP-1	PER DWG	BUILDING INTERIOR	
C.LR1.4.7_5	120-277V	29.5 W LED 750 LMFT 4000 K	LENGTH 4' W 2x38" H 3x14"	Beam 2 series recessed linear 4FT LED lighting fixture. Extruded aluminum housing, 80 CRI, bating lens, 0-10V dimming to 1%, 120-277V UNV, IC rated	AXIS LIGHTING INC BEAM 2 SERIES CAT# B2SORLED-750-80-40-BW-4-W-UNV-DP-1	PER DWG	BUILDING INTERIOR	
C.LR1.4.10	120-277V	40.1 W LED 1000 LMFT 4000 K	LENGTH 4' W 2x38" H 3x14"	Beam 2 series recessed linear 4FT LED lighting fixture. Extruded aluminum housing, 80 CRI, bating lens, 0-10V dimming to 1%, 120-277V UNV, IC rated	AXIS LIGHTING INC BEAM 2 SERIES CAT# B2SORLED-1000-80-40-BW-4-W-UNV-DP-1	PER DWG	BUILDING INTERIOR	
C.LR1.8.10	120-277V	134.8 W LED 1000 LMFT 4000 K	LENGTH 8' W 2x38" H 3x14"	Beam 2 series recessed linear 8FT LED lighting fixture. Extruded aluminum housing, 80 CRI, bating lens, 0-10V dimming to 1%, 120-277V UNV, IC rated	AXIS LIGHTING INC BEAM 2 SERIES CAT# B2SORLED-1000-80-40-BW-8-W-UNV-DP-1	PER DWG	BUILDING INTERIOR	
C.LR3.8.6	120-277V	36.4 W LED 600 LMFT 4000 K	LENGTH 8' W 2' H 3x15"16"	Beam 5 series recessed direct flush linear 8FT LED lighting fixture. Extruded aluminum housing, 80 CRI, spotless lens, 0-10V dimming to 1%, 120-277V UNV, IC rated	AXIS LIGHTING INC BEAM 5 SERIES CAT# BERLED-600-80-40-FL-8-W-UNV-DP-1	PER DWG	BUILDING INTERIOR	
C.P1.24	120-277V	18.0 W LED 4000 K	LENGTH 4' W 2x8"16"	4FT Linear LED strip light with frosted polycarbonate lens, 0-10V dimming to 10%, 120-277V UNV, surface/suspension mount.	COOPER LIGHTING SOLUTIONS METALUX SERIES CAT# BSLSLTPSLC-UNV-LO-4000K	2418 LM	BUILDING INTERIOR	
C.P2.40	120-277V	33.0 W LED 4000 K	LENGTH 8' W 2x8"16"	8FT Linear LED strip light with frosted polycarbonate lens, 0-10V dimming to 10%, 120-277V UNV, surface/suspension mount.	COOPER LIGHTING SOLUTIONS METALUX SERIES CAT# BSLSLTPSLC-UNV-LO-4000K	4321 LM	BUILDING INTERIOR	
C.P2.80	120-277V	63.0 W LED 4000 K	LENGTH 8' W 2x8"16"	8FT Linear LED strip light with frosted polycarbonate lens, 0-10V dimming to 10%, 120-277V UNV, surface/suspension mount.	COOPER LIGHTING SOLUTIONS METALUX SERIES CAT# BSLSLTPSLC-UNV-AMD-4000K	8141 LM	BUILDING INTERIOR	
C.P5.7	120-277V	10.4 WFT LED 4000 K	CUSTOM LENGTH	Linear SKETCH pendant LED lighting fixture, spotless lens, 0-10V dimming to 1%, 120-277V UNV, 80 CRI, custom set	AXIS, SKETCH SERIES CAT# SKPE4-SL0100-AL-700-80-4-SO-UNV-DP	PER DWG	BUILDING INTERIOR	
C.D1.15	120V	15.7 W LED 4000 K	D 4"	Architectural 4" round LED Downlight fixture with direct lighting distribution, 0-10V dimming to 1% c/w round medium 70 distribution reflector, finish matte white	COOPER LIGHTING HALO SERIES CAT# HC2UB LS1525 L15 940 D + HCDTRMW	1500 LM	BUILDING INTERIOR	
C.D2.7	120-277V	9.6 W LED 4000 K	D 4"	Architectural 4" round LED Downlight fixture with direct lighting distribution, 0-10V dimming to 1% c/w round medium 70 distribution reflector, finish matte white	COOPER LIGHTING HALO SERIES CAT# HC2UB LS510 L07 940 D + HCDTRMW	750 LM	BUILDING INTERIOR	
EXTERIOR LIGHTING								
C.EX1	120V	8.0 W LED 3500 K	D 2"	Architectural 2" round smooth LED Downlight fixture with direct lighting distribution, lumen (200/400/550 LM) and CCT selectable, 0-10V dimming, 40° distribution angle, 80 CRI, finish trim matte white	COOPER LIGHTING HALO SERIES CAT# HSLSLTPSLC-UNV-LO-10RWW	550 LM	EXTERIOR ENTRANCE CANOPY	
C.EX2	120V	18.8 W LED 3000 K		Exterior wall mounted LED sconce. Extruded aluminum housing, not dimmable (On/Off), 80 CRI, IP65	SIMES MINISLOT SERIES CAT# S.3824W.24	1203 LM	EXTERIOR ENTRANCE	
C.EX3.4.6	120V	9.8 WFT LED 600 LMFT 3500 K	LENGTH 4' W 2x12" H 2x13"16"	4FT Exterior linear Extend 2 Mullion mount lighting fixture. Extruded aluminum housing, spotless lens, dimming (0-10V) 1%, 80 CRI, IK10, c/w horizontal mullion down bracket, IP65	AXIS LIGHTING INC EXTEND 2 MULLION SERIES CAT# EX2WD-600-80-35-SC-4-120-DPX-1-HDM	PER DWG	EXTERIOR ENTRANCE	
C.EX4	120V	LED 3000 K		Exterior wall mounted LED sconce, IP65	PERFORMANCE IN LIGHTING, MINIM 30 SERIES OR LITHONIA LIGHTING, WEDGE SERIES	PER DWG	EXTERIOR BUILDING	
EMERGENCY LIGHTING EXIT SIGN								
C.X1	120V	LED		Commercial durable extruded aluminum pictogram (Running Man) LED Exit sign, universal surface mounting, minimum 0.5hr runtime, self-powered	BELUCE QUADRA RM SERIES CAT# QR-RM-SP-L-U-QLR-M		BUILDING INTERIOR	
C.X2	121/120 V	LED		Commercial durable extruded aluminum pictogram (Running Man) Combo LED Exit sign, universal surface mounting and LED 2x3W dual heads, minimum 0.5hr runtime, self-powered	BELUCE QUADRA COMBO RM SERIES CAT# QR-RM-12-72-L-U-QLR-M-2BR-LED-MR16-120V		CRAWL SPACE	
C.BU-1, C.BU-3	120/240 V	LED		Emergency lighting battery pack 144Wh, 24V, c/w double remote heads 9x5 W LED, minimum 0.5 hour runtime	BELUCE NOVA SERIES CAT# NV-24-144-2B1MR-LED-MR16-120V		BUILDING INTERIOR	

General Note - For all light fixtures, the manufacturer/catalogue number noted is the basis of design. Approved equivalent fixtures will need to conform to or exceed the characteristics of the basis of design light fixture.

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER, CAT.#	APPLICATION	COVERAGE
§	WIRELESS WALL CONTROL TOGGLE ON/OFF, 2 BUTTONS, WHITE	LUTRON, PICO SERIES CAT# P12-2B-QWH-L01	MKE RM, IT SERVER, GENERAL STORAGE	1 SWITCHED ZONE
V	WIRELESS WALL CONTROL, RF, 2 BUTTON WITH RAINBOW LOWER, WHITE	LUTRON, PICO SERIES CAT# P12-3BR-QWH-L01	OFFICE, KITCHEN, STAFF RM, GARBAGE WATER METER RM	1 SWITCHED ZONE
§	WIRELESS WALL DIMMING SWITCH, 120VAC, RF, 2 BUTTON WITH RAINBOW LOWER, WHITE	LUTRON, PICO SERIES CAT# P12-3BR-QWH-L01	PRE-SCHOOL RM PLAYNAP, INFANT RM	1 DIMMED ZONE
DS	PIR WALL OCCUPANCY SENSOR SWITCH TOGGLE ON/OFF WITH AUTO ON/OFF, 120VAC, 5A	LUTRON, MAESTRO SERIES CAT# MS-SP58-WH	STORAGE, LAUNDRY, CUSTODIAL	180', 81m2 (800 SQ FT) MAJOR MOTION
RS	WALL MOUNTED DIGITAL TOUCHSCREEN 9", WHITE	LUTRON, ATHENA CAT# Q-TOUCH5-WH	RECEPTION, FITNESS RM, GYM STORAGE #1&4	MAXIMUM WIRE LENGTH 100 m (328 FT)
DS	WIRELESS OCCUPANCY VACUANCY SENSOR, RF, PIR, WHITE	LUTRON, RADIO POWER SAVR SERIES CAT# LP2-OC2B-B-WH	PIR RM PLAYNAP, INFANT RM, OFFICE, KITCHEN, STAFF RM, GARBAGE RM, CORRID, VEST	300', 2.4m CEILING, 5.5x5.5m (9.8m CEILING, 6.7x6.7m)
DL	WIRELESS CEILING MOUNTED DAYLIGHT SENSOR, RF, WHITE	LUTRON, RADIO POWER SAVR SERIES CAT# LP2-DC2B-B-WH	PRE-SCHOOL RM PLAYNAP, INFANT RM	1 SENSOR FOR WINDOW FACE
DSM	WIRELESS CEILING MOUNTED SENSOR MODULE 2x3x4, 4 WIRELESS, WHITE	LUTRON CAT# DS2-4W-C	AS APPLICABLE	RF RANGE: 50 FT (15 M) LINE OF SIGHT OR 30 FT (9 M) THROUGH CONCRETE
ALCR	ALISON EMERGENCY POWER CONTROL, 120-277V	LUTRON CAT# LUT-ALCR	AS APPLICABLE	SWITCHED LOADS UP TO 20A, 1200W (120V) / 1500W (277V)
ELU	EMERGENCY LIGHTING INTERFACE, 100-247VAC, 30 mA, 30W	LUTRON CAT# LUT-ELI-3PN	AS APPLICABLE	
PP	POWERPAK, 120VAC, 24VDC, 18A	LUTRON CAT# PP-2V	AS APPLICABLE	
§	WIRED WALL 3-WAY SWITCH TOGGLE ON/OFF, WHITE		CRAWL SPACE	1 SWITCHED ZONE

GENERAL NOTES:
 1. PROVIDE OCCUPANCY SENSORS COMPLETE WITH ALL POWER PACKS, MOUNTING HARDWARE AND ACCESSORIES, AS REQUIRED.
 2. COORDINATE EXACT MOUNTING OF OCCUPANCY SENSORS ON SITE. MOUNT SENSORS WITH THE RECEIVERS FACING THE AREA OF COVERAGE. ULTRASONIC SENSORS TO BE PLACED A MINIMUM 1200mm AWAY FROM SUPPLY DUCTS AND 1500mm FROM HORIZONTAL DISCHARGE DUCTS.
 3. ELECTRICAL SUBCONTRACTOR TO CALIBRATE SENSITIVITY AND COVERAGE OF EACH SENSOR AFTER INSTALLATION TO ENSURE PROPER OPERATION OF UNIT. COORDINATE TIME DELAY SETTINGS OF EACH SENSOR WITH THE CITY CONTRACT ADMINISTRATOR.
 4. REFER TO LIGHTING CONTROL SCHEDULE OF OPERATION IN SPECIFICATIONS FOR OCCUPANCY SENSOR PROGRAMMING REQUIRED.

LIGHTING CONTROL SCHEDULE



No.	Date	Description
1	2025-12-11	CONTRACT DOCUMENTS
2	2025-01-15	ADDENDUM 3