

**ADDENDUM
NO. 4**

March 8, 2024

**Cherry Tree Elementary School Additions & Renovations
13989 Hazel Dell Parkway
Carmel, IN 46033**

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications and the Drawings dated February 9, 2024, by Fanning/Howey. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 4-1 and attached Revised Drawing Sheet E8.01.

LUMINAIRE SCHEDULE - GENERAL NOTES

- SEE SPECIFICATIONS FOR DRIVER REQUIREMENTS.
- FOR ALL DOWNLIGHTING FIXTURES, PROVIDE REQUIRED MOUNTING HARDWARE FOR MOUNTING IN LAY-IN TYPE CEILING.
- CONTRACTOR TO VERIFY TYPES AND QUANTITY OF LIGHT FIXTURES REQUIRING EMERGENCY BATTERY UNITS AND PROVIDE REQUIRED QUANTITY OF EMERGENCY BATTERY UNITS, LABOR, MATERIAL, ETC. IN THE PROJECT BID FOR FIELD INSTALLATION OF EMERGENCY BATTERY UNITS.
- LIGHT FIXTURE SUBMITTALS TO INCLUDE DATA SHEETS FOR ALL FIXTURE TYPES, INCLUDING ADDITIONAL DATA SHEETS FOR DRIVER COMBINATIONS REQUIRED TO MEET THE INSTALLATION REQUIREMENTS OF THE VARIOUS FIXTURE TYPES INDICATED IN THE REMARKS COLUMN OF THE FIXTURE SCHEDULES OR ON THE DRAWINGS. SUBMITTALS SHALL ALSO INDICATE COLOR FOR ANY CUSTOM COLOR LIGHT FIXTURES.
- COLOR TEMPERATURE FOR ALL FIXTURES IS TO BE 4000K UNLESS NOTED OTHERWISE.
- UNDER THE ALTERNATE BID FOR THE EMERGENCY GENERATOR ALL EMERGENCY LIGHT FIXTURES AND EXIT SIGNS ARE TO BE PROVIDED WITH AN EMERGENCY TRANSFER DEVICES. UNDER THE BASE BID THEY ARE TO BE PROVIDED WITH AN EMERGENCY BATTERY UNIT.

LUMINAIRE SCHEDULE									
PLAN TYPE	MANUFACTURER/CATALOG	MOUNTING	LAMPS			APPLIED VOLTAGE	DESCRIPTION	VA LOAD	
			NO.	WATTS	TYPE				
C1	INSIGHT LIGHTING MX SERIES PINNACLE MOPAT M SERIES SPI EIW1190S SERIES	SURFACE WALL	1	36.0 W	LED	0 in	277 V	4-FOOT ADJUSTABLE MEDIUM OUTPUT, WALL MOUNTED LED UPLIGHT ASYMMETRIC FIXTURE, TEXTURED WHITE.	36 VA
C2	JESCO LIGHTING DL-AC-FLEX-BEAM SERIES CONTECH LIGHTING TLTAC SERIES LLI ARCHITECTURAL LIGHTING LLL14C4.0W SERIES	COVE	1	5.5 W	LED	314 in	277 V	FLEXIBLE LINEAR LED STRIP LIGHTING MOUNTED IN COVE.	5.5 VA
C3	EXTANT HTG-IR-LP SERIES MARK SL-IL SERIES AXIS LIGHTING SCR SERIES	RECESSED	1	1.8 W	LED	143 in	277 V	1.5 - INCH APERTURE RECESSED LED TRIMLESS FIXTURE, LENGTH PER DRAWINGS, INTERGRAL DRIVER, MUD RING.	1.8 VA
C4	MODALIGHT ELY SERIES 10 LIGHTING CS-SL SERIES LUMINISE LCN2 SERIES	COVE	1	19.0 W	LED	1966 in	277 V	4-FOOT LED COVE LIGHT FIXTURES ADJUSTABLE 120 DEGREE BEAM ANGLE.	19 VA
D1	A-LIGHT LEAN SERIES I/P ENVY COLLECTION VPM422 SERIES FOCALPOINT FCT SERIES	RECESSED	1	53.0 W	LED	4734 in	277 V	2BY2" INDIRECT RECESSED LAY-IN, WITH ACOUSTIC COLOR OPTION AS SHOWN ON DRAWINGS.	53 VA
D1X	A-LIGHT LEAN SERIES I/P ENVY COLLECTION VPM422 SERIES FOCALPOINT FCT SERIES	RECESSED	1	53.0 W	LED	4734 in	277 V	2BY2" INDIRECT RECESSED LAY-IN, WITH ACOUSTIC COLOR OPTION AS SHOWN ON DRAWINGS, PROVIDE WITH EMERGENCY TRANSFER DEVICE.	53 VA
DS01	FLUXWERX PORTAL TC1 SERIES LUMENWERK CLIPPER SERIES	RECESSED	1	9.0 W	LED	1300 in	277 V	5.5 INCH MEDIUM BEAM, 80 CRI, WHITE POWDER COAT FIXTURE/TRIM FINISH AND OPTIC CHANNEL FINISH.	9 VA
FL1	LUMARK NF1LD-S SERIES LITHONIA ESXF LED SERIES STONECO FL20 SERIES BEACON RFL2 SERIES	BRACKET MOUNTED	1	20.0 W	LED	2682 in	277 V	ROOFTOP MOUNTED LED FLOOD LIGHT AIMED TO ILLUMINATE THE ENTRY TOWER.	20 VA
FL2	COOPER INVUE VFS SERIES LITHONIA DSXF1 SERIES BEACON RFL3 SERIES	GROUND MOUNTED	1	46.0 W	LED	4132 in	277 V	GROUND MOUNTED LED FLOOD LIGHT AIMED TO ILLUMINATE TO THE LETTERS ON THE FACE OF THE BUILDING, WIDE SYMMETRIC RECTANGULAR DISTRIBUTION.	46 VA
LCD41	PORTFOLIO LER4B SERIES LITHONIA LDN4CYL SERIES PRESCOLITE LTC-4RD SERIES	PENDANT	1	12.0 W	LED	1000 in	277 V	4-INCH APERTURE OPEN REFLECTOR LED CYLINDER DOWNLIGHT, SURFACE MOUNTED WITH NO STEM, MEDIUM DISTRIBUTION, CLEAR SPECULAR REFLECTOR, 0-10VDC DIMMING FIXTURE HOUSING WHITE IN COLOR.	12 VA
LD61	HALO H03 SERIES LITHONIA LDN6 SERIES PRESCOLITE LFL6LED SERIES	RECESSED	1	22.0 W	LED	1500 in	277 V	6-INCH ROUND APERTURE OPEN REFLECTOR LED DOWNLIGHT, MEDIUM DISTRIBUTION, CLEAR SPECULAR FINISH, SELF-FLANGED, 0-10VDC DIMMING, BAR HANGER ACCESSORY, FIXTURES IN SERVING AREA ARE TO BE EITHER 3000K OR 3500K AS NOTED, ALL OTHER INSTANCES TO BE 4000K	19 VA
LD61X	HALO H03 SERIES LITHONIA LDN6 SERIES PRESCOLITE LFL6LED SERIES	RECESSED	1	22.0 W	LED	1500 in	277 V	6-INCH ROUND APERTURE OPEN REFLECTOR LED DOWNLIGHT, MEDIUM DISTRIBUTION, CLEAR SPECULAR FINISH, SELF-FLANGED, 0-10VDC DIMMING, BAR HANGER ACCESSORY, WITH EMERGENCY TRANSFER DEVICE.	22 VA
LD62	HALO H03 SERIES LITHONIA LDN6 SERIES PRESCOLITE LFL6LED SERIES	RECESSED	1	22.0 W	LED	2000 in	277 V	6-INCH ROUND APERTURE OPEN REFLECTOR LED DOWNLIGHT, MEDIUM DISTRIBUTION, CLEAR SPECULAR FINISH, SELF-FLANGED, 0-10VDC DIMMING, BAR HANGER ACCESSORY, FIXTURES IN SERVING AREA ARE TO BE EITHER 3000K OR 3500K AS NOTED, ALL OTHER INSTANCES TO BE 4000K	19 VA
LD62X	HALO H03 SERIES LITHONIA LDN6 SERIES PRESCOLITE LFL6LED SERIES	RECESSED	1	22.0 W	LED	2000 in	277 V	6-INCH ROUND APERTURE OPEN REFLECTOR LED DOWNLIGHT, MEDIUM DISTRIBUTION, CLEAR SPECULAR FINISH, SELF-FLANGED, 0-10VDC DIMMING, BAR HANGER ACCESSORY, WITH EMERGENCY TRANSFER DEVICE.	22 VA
LDW61	PORTFOLIO LD6A SERIES GOTHAM EVO SHOWER SERIES PRESCOLITE LFL6LED4 SERIES	RECESSED	1	15.0 W	LED	1000 in	277 V	6-INCH ROUND APERTURE LED SHOWER LIGHT WITH REGRESSED LENS REFLECTOR, WHITE REFLECTOR AND TRIM, SELF-FLANGED, IP65 WET LOCATION LISTED.	15 VA
LE1	MCGRAW-EDISON LIGHTING GARDGO LIGHTING LITHONIA LIGHTING SPAULDING LIGHTING BEACON GEOPAK SERIES	SURFACE WALL	1		LED		277 V	HALF-CYLINDER LED WALL MOUNTED LUMINAIRE WITH DIE CAST ALUMINUM HOUSING, BOTTOM DIFFUSER FLUSH WITH THE DIE CASTING, TYPE 3 DISTRIBUTION, 70 CRI LENS, LUMINAIRE COLOR: FROM MANUFACTURER STANDARD COLORS. MOUNT ONTO JUNCTION BOX, VANDAL RESISTANT.	20 VA
LF1	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	39.0 W	LED	4000 in	277 V	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 10% 0-10V DIMMING.	39 VA
LF1A	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	39.0 W	LED	4000 in	277 V	1 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 10% 0-10V DIMMING.	39 VA
LF1AX	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	39.0 W	LED	4000 in	277 V	1 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 10% 0-10V DIMMING, EMERGENCY TRANSFER DEVICE.	39 VA
LF1X	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	39.0 W	LED	4000 in	277 V	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 10% 0-10V DIMMING, EMERGENCY TRANSFER DEVICE.	39 VA
LF1XA	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	39.0 W	LED	4000 in	277 V	1 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 10% 0-10V DIMMING, EMERGENCY TRANSFER DEVICE.	39 VA
LF2	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	47.0 W	LED	4800 in	277 V	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 10% 0-10V DIMMING.	47 VA
LF2X	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	47.0 W	LED	4800 in	277 V	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 10% 0-10V DIMMING, EMERGENCY TRANSFER DEVICE.	47 VA
LF3	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	53.0 W	LED	6000 in	277 V	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 10% 0-10V DIMMING.	53 VA
LF3X	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	53.0 W	LED	6000 in	277 V	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 10% 0-10V DIMMING, EMERGENCY TRANSFER DEVICE.	53 VA
LFW2	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	47.0 W	LED	4800 in	277 V	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 10% 0-10V DIMMING, DAMP LOCATION.	47 VA
LFW2X	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	47.0 W	LED	4800 in	277 V	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 10% 0-10V DIMMING WITH AN EMERGENCY TRANSFER DEVICE, DAMP LOCATION.	47 VA
LPB1	COOPER INVUE LUMINA LIGHTING UMC-10011 SERIES LUMINIS MA30 SERIES	BALLARD	1	37.0 W	LED	1276 in	277 V	36 - INCH TALL BALLARD, DIE CAST ALUMINUM HOUSING SYMETRIC DISTRIBUTION.	37 VA
LR2	METALUX WNL6D SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES	SUSPENDED	1	48.0 W	LED	4000 in	277 V	4-FOOT LED WRAP AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMING. IF SUSPENDED, INSTALL AT 8-FOOT AFF WITH CONDUIT STEMS (UNO).	27 VA
LR2X	METALUX WNL6D SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES	SUSPENDED	1	48.0 W	LED	4000 in	277 V	4-FOOT LED WRAP AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMING, WITH EMERGENCY TRANSFER DEVICE. IF SUSPENDED, INSTALL AT 8-FOOT AFF WITH CONDUIT STEMS (UNO).	27 VA
LR4	METALUX WNL6D SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES	SUSPENDED	1	87.0 W	LED	7000 in	277 V	4-FOOT WRAP LED AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMING. IF SUSPENDED, INSTALL AT 8-FOOT AFF WITH CONDUIT STEMS (UNO).	87 VA
LR4X	METALUX WNL6D SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES	SUSPENDED	1	87.0 W	LED	7000 in	277 V	4-FOOT LED WRAP AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMING, WITH EMERGENCY TRANSFER DEVICE. IF SUSPENDED, INSTALL AT 8-FOOT AFF WITH CONDUIT STEMS (UNO).	116 VA
LS1	LITHONIA RSX2 SERIES LUMARK PREVAL SERIES BEACON VIPER L SERIES	25'-0" ROUND TAPERED POLE	1	270.0 W	LED	27301 in	277 V	POLE MOUNTED LED FIXTURE ON A 25'-0" TALL POLE, CLEAR LENS, 70+CRI, 4000K, TYPE 3 DISTRIBUTION.	270 VA
LS2	LITHONIA RSX2 SERIES LUMARK PREVAL SERIES BEACON VIPER L SERIES	15'-0" ROUND TAPERED POLE	1	180.0 W	LED	20000 in	277 V	POLE MOUNTED LED FIXTURE ON A 15'-0" TALL POLE, CLEAR LENS, 70+CRI, 4000K, TYPE 3 DISTRIBUTION.	180 VA
LT044H	MARK ARCHITECTURAL SLOT 4 LED SERIES STARTEK LIGHTING AMERICA RBEAM SERIES LITECONTROL MOD 4 LED SERIES	RECESSED	1	40.0 W	LED	4000 in	277 V	4" BY 4-FOOT LED SLOT FIXTURE, MOUNTING METHOD PER PLANS, 100% DOWNLIGHT WITH ACRYLIC FLUSH SMOOTH DIFFUSER, 80 CRI, 0-10VDC DIMMING DRIVER.	40 VA
LT044HX	MARK ARCHITECTURAL SLOT 4 LED SERIES STARTEK LIGHTING AMERICA RBEAM SERIES LITECONTROL MOD 4 LED SERIES	RECESSED	1	40.0 W	LED	4000 in	277 V	4" BY 4-FOOT LED SLOT FIXTURE, MOUNTING METHOD PER PLANS, 100% DOWNLIGHT WITH ACRYLIC FLUSH SMOOTH DIFFUSER, 80 CRI, 0-10VDC DIMMING DRIVER WITH EMERGENCY TRANSFER DEVICE.	40 VA
LW8S2X	METALUX WNL6D SERIES LITHONIA WL4 SERIES COLUMBIA LBL SERIES	SURFACE WALL	1	53.0 W	LED	3800 in	277 V	4-FOOT WALL BRACKET TYPE LED STAIRWELL FIXTURE, FROSTED ACRYLIC LENS, INTEGRAL OCCUPANCY SENSOR, PROVIDE WITH DRIVER AS REQUIRED FOR AUTOMATIC DIMMING TO 50% OUTPUT DURING UNOCCUPIED TIMES. PROVIDE WITH EMERGENCY TRANSFER DEVICE.	53 VA
P1	LUXBOX LX-DA SERIES INSIGHT LIGHTING ADOBE SERIES	PENDANT	1	45.0 W	T8	3495 in	277 V	TWO PENDANT MOUNTED 7.5 INCH LONG LED DOWNLIGHT FIXTURES MOUNTED END-TO-END, 0-10VDC DIMMING, DESIGN COLOR TO BE SELECTED AT A LATER DATE.	45 VA
P2	INDY LIGHTING L06 SERIES SOLID STATE LUMINAIRES SSC6 SERIES PRESCOLITE LTC-6RD SERIES	PENDANT	1	49.0 W	LED	5500 in	277 V	PENDANT MOUNTED 6-INCH CYLINDER 0-10VDC, DIMMING, WIDE DISTRIBUTION, BRONZE SPECULAR FINISH.	49 VA
P2X	INDY LIGHTING L06 SERIES SOLID STATE LUMINAIRES SSC6 SERIES PRESCOLITE LTC-6RD SERIES	PENDANT	1	49.0 W	LED	5500 in	277 V	PENDANT MOUNTED 6-INCH CYLINDER 0-10VDC, DIMMING, WIDE DISTRIBUTION, BRONZE SPECULAR FINISH, PROVIDE WITH EMERGENCY TRANSFER DEVICE.	49 VA
P3	LIGHTOLIER 3DPH8 SERIES BASELIGHT OSD2 SERIES LUMINIS PR2280 SERIES	PENDANT	1	68.0 W	LED	10000 in	277 V	DECORATIVE HIGH BAY BELL SHAPED LIGHT FIXTURE, MEDIUM SIZE, CLEAR LOWER SHADE, LAYERED FINE TEXTURE, BRONZE FINISH, 1%, 0-10V DIMMING.	68 VA
P3X	LIGHTOLIER 3DPH8 SERIES BASELIGHT OSD2 SERIES LUMINIS PR2280 SERIES	PENDANT	1	68.0 W	LED	10000 in	277 V	DECORATIVE HIGH BAY BELL SHAPED LIGHT FIXTURE, MEDIUM SIZE, CLEAR LOWER SHADE, LAYERED FINE TEXTURE, BRONZE FINISH, 1%, 0-10V DIMMING, PROVIDE WITH EMERGENCY TRANSFER DEVICE.	68 VA
RL1	LUMINIS KURBA SERIES QTRAIN KURY SERIES KELVIN SW3 SERIES	SURFACE	1	80.0 W	LED	100 in	277 V	ROPE LIGHT TO BE INSTALLED UNDER THE STONE LIP OF OUTDOOR PLANTER. PROVIDE ALL NECESSARY HARDWARE, DRIVERS ETC. AS REQUIRED FOR A COMPLETE SYSTEM.	80 VA
WW1	PRUDENTIAL BPRO2-REC SERIES STARTEK LIGHTING AMERICA R SLIM SERIES LITECONTROL 2L SERIES	RECESSED	1	125.0 W	LED	825 in	277 V	16 FOOT LONG RECESSED LINEAR WALL WASH, FLUSH LENS, STANDARD OUTPUT 0-10VDC MATTE WHITE FINISH.	125 VA
XC	SURE-LITES CX SERIES CHLORIDE 55 LINE SERIES LITHONIA SIGNATURE SERIES DUAL-LITE SEMBRA SERIES	SURFACE CEILING	1	3.0 W	RED LED	0 in	277 V	CAST ALUMINUM AC ONLY EXIT SIGN, SINGLE FACE, DIRECTIONAL ARROWS INDICATED, WHITE HOUSING. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.	3 VA
XVW	SURE-LITES UX SERIES CHLORIDE 80 LINE SERIES LITHONIA LV SERIES DUAL-LITE SEWL SERIES	SURFACE WALL	1	3.0 W	RED LED	0 in	277 V	CAST ALUMINUM, VANDAL RESISTANT AC ONLY EXIT SIGN, SINGLE FACE, DIRECTIONAL ARROWS INDICATED, WHITE HOUSING, REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.	3 VA
XV	SURE-LITES CX SERIES CHLORIDE 55 LINE SERIES LITHONIA SIGNATURE SERIES DUAL-LITE SEMBRA SERIES	SURFACE WALL	1	3.0 W	RED LED	0 in	277 V	CAST ALUMINUM AC ONLY EXIT SIGN, SINGLE FACE, DIRECTIONAL ARROWS INDICATED, WHITE HOUSING. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.	3 VA

Branch Panel: BH3

Location: ELEC B124
Supply From: M5B-H
Mounting: Surface
Enclosure: Type 1

Volts: 480/277 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10 kA
Mains Type: M.L.O
Mains Rating: 200 A
MCB Rating: 200 A

Notes: INTEGRAL SURGE PROTECTION

CKT	Circuit Description	Trip	Poles	A (VA)	B (VA)	C (VA)	Poles	Trip	Circuit Description	CKT
1	Transformer TB1	100 A	3	14812	1412			1	20 A Lighting - RM B108-B113	2
3					15014	416		1	20 A VVFS - B121, B131, B132	4
5						13584	416	1	20 A VVFS - B117, B119, B129, B130	6
7	Lighting - RM B114-B120, B128-B129	20 A	1	1312	312			1	20 A VVFS - B111, B112, B113	8
9	Lighting - RM B121-B127, B130-135, B201	20 A	1	1097	1856			3	20 A AHU-3 6.7 FLA RM B201 (NOTE 1)	10
11	VVFS B107, B108, B109, B110	20 A	1	0	1856			416	1856	12
13	Spare	20 A	1	0	1856					14
15	Spare	20 A	1	0	5540			3	40 A ACCU-3 25 MCA ROOFTOP (NOTE 2)	16
17	Spare	20 A	1	0	5540					18
19	Spare	20 A	1	0	5540					20
21	Spare	20 A	1	0	0			1	20 A Spare	22
23	Spare	20 A	1	0	0			0	0	24
25	Spare	20 A	1	0	0			1	20 A Spare	26
27	Spare	20 A	1	0	0			1	20 A Spare	28
29	Spare	20 A	1	0	0			0	0	30
31	Spare	20 A	1	0	0			1	20 A Spare	32
33	Spare	20 A	1	0	0			1	20 A Spare	34
35	Spare	20 A	1	0	0			0	0	36
37	Spare	20 A	1	0	0			1	20 A Spare	38
39	Spare	20 A	1	0	0			1	20 A Spare	40
41	Spare	20 A	1	0	0			1	20 A Spare	42
				Total Load:	25244 VA	23923 VA	21812 VA			
				Total Amps:	92 A	88 A	79 A			

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	3821 VA	100.00%	3821 VA	
Motor	12058 VA	111.54%	13450 VA	Total Conn. Load: 70979 VA
Other	0 VA	0.00%	0 VA	Total Est. Demand: 58833 VA
Receptacle - Convenience	27720 VA	68.04%	18860 VA	Total Conn.: 85 A
HVAC	18180 VA	90.00%	16362 VA	Total Est. Demand: 71 A
Receptacle - Undercounter Ref.	1200 VA	70.00%	840 VA	
Receptacle - Refrigerator	2000 VA	80.00%	1600 VA	
Receptacle - Microwave	3000 VA	50.00%	1500 VA	
Receptacle - Copy Machine	3000 VA	80.00%	2400 VA	

Branch Panel: BL3

Location: ELEC B124
Supply From: TB1
Mounting: Surface
Enclosure: Type 1

Volts: 208/120 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 18 kA
Mains Type: MCB
Mains Rating: 200 A
MCB Rating: 200 A

Notes: INTEGRAL SURGE PROTECTION

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	Receptacle - B108, B108	20 A	1	1080	900			1	20 A RECEPETS RM - B122, B201	2
3	AUTOMATIC DOOR RM - B108	20 A	1		1127	0		3	1 20 A AHU LIGHTS/RECEPETS RM - B201	4
5	AUTOMATIC DOOR RM - B108	20 A	1			1127	470	1	20 A EF-16, PUH-B1 RM - B201	6
7	AUTOMATIC DOOR RM - B108	20 A	1	1127	385			1	20 A EF-14, EF-16, CUH-B1	8
9	AUTOMATIC DOOR RM - B101	20 A	1		1127	1440		1	20 A RECEPETS RM - B115	10
11	AUTOMATIC DOOR RM - B101	20 A	1							