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**Building #17
Campus Expansion Child
Day-care Center**

777 Old Saw Mill River Road
Mount Pleasant, NY 10591

Project No. B17-DAYCARE

Architect
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MEP / IT / Security Engineer

Cosentini Associates
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Civil Engineer

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Landscape Architect

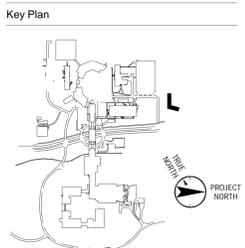
Langan
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TYPE	FIXTURE DESCRIPTION	LOCATION	MANUFACTURER	CATALOG NUMBER	FINISH	LAMPING	FIXTURE INPUT			REMARKS
							VOLTAGE	WATTS	UNITS	
A	SURFACE OR PENDANT MOUNTED LED LINEAR STRIP LIGHT WITH NOMINAL 4" LONG HOUSING, DIFFUSING LENS, AND INTEGRAL DRIVER.	GENERAL	COOPER-METALUX	INDUSTRIAL LED LINEAR BAY #4-LED-I-LD5-S-W-TBW-UNV-LESC-CD	PER ARCHITECT	LED 3500K 5000 LM	UNV	50	PER FIXT.	FIXTURE UPDATED MODEL OF REGENERON STANDARD TYPE LT-41.
B	SURFACE MOUNTED LED VAPORTIGHT FIXTURE, WITH GUARDED DIFFUSING LENS, INTEGRAL DRIVER AND WET LOCATION RATINGS.	ROOF	LITHONIA	OLVTWM	PER ARCHITECT	LED 4000K 600 LM	UNV	15	PER FIXT.	
LD1	CEILING RECESSED DOWNLIGHT WITH NOMINAL 4 INCH SQUARE APERTURE AND 3.5 INCH RECESSED DEPTH, WITH DIFFUSED SOLITE LENS, 45 DEGREE BEAM, 45 DEGREE CUTOFF, INTEGRAL 0-10V DIMMABLE DRIVER.	GENERAL	TECH LIGHTING	ELEMENT 4" HOUSING E4PH #E4PS-F-15-930-D-N (INTEGRATED DRIVER 277V-01-0V CONTROL-2 & TRM #E4PS-F-R-D-930-6-[FINISH]-[FINISH])	PER ARCHITECT	LED 3000K 1500 LM	277V	15	PER FIXT.	FIXTURE UPDATED MODEL OF REGENERON STANDARD TYPE LT-56.
LD2	CEILING RECESSED ADJUSTABLE DOWNLIGHT WITH NOMINAL 4 INCH SQUARE APERTURE AND 6 INCH RECESSED DEPTH, WITH DIFFUSED SOLITE LENS, 40 DEGREE BEAM, 0-40 DEGREE TILT ADJUSTMENT AND 30 DEGREE ROTATION, WITH 45 DEGREE CUTOFF, INTEGRAL 0-10V DIMMABLE DRIVER.	MAIN LOBBY	TECH LIGHTING	ELEMENT 4" HOUSING E4NGH #E4PS-F-15-930-4-A-N (INTEGRATED DRIVER 277V-01-0V CONTROL-2 & TRM #E4PS-F-R-A-[FINISH]-[FINISH]) & #353E4LEDCOPT-25	PER ARCHITECT	LED 3000K 1800 LM	277V	24	PER FIXT.	FIXTURE UPDATED MODEL OF REGENERON STANDARD TYPE LT-56.
LP1	NOT USED.									
LP2	SURFACE MOUNTED LED PENDANT WITH 4.5 INCH SQUARE PROFILE X 5 INCH HIGH, WIDE BEAM 83 DEGREE OPTICS, WITH INTEGRAL 0-10V DIMMABLE DRIVER. PROVIDE WITH RIGID STEM PENDANT, LENGTH TO BE CONFIRMED.	PRE-K CLASSROOM	SPECTRUM	PICO PENDANT #C045S0XT[OUTPUT TO BE CONFIRMED]-30K-XW-DS10X-FG-PM-[FINISH]	PER ARCHITECT	LED 3000K 3000 LM	277V	30	PER FIXT.	ALLOW UP TO 30W EACH.
LP3	CEILING SUSPENDED LED PENDANT, WITH NOMINAL 14.5 INCH ROUND X 15 INCH HIGH CONICAL PROFILE, RECESSED CEILING BODY REQUIRED, INTEGRAL ELV OR 0-10V DIMMABLE DRIVER REQUIRED.	LOBBY AND CONFERENCE	TECH LIGHTING	MIL0 #700TMOLO-W0-LED927	PER ARCHITECT	LED 3000K 400 LM	120V	10	PER FIXT.	
LR1	CEILING RECESS MOUNTED LED TROFFER, WITH NOMINAL 2x4 HOUSING, DIFFUSING LENS AND INTEGRAL 0-10V DIMMABLE DRIVER WHERE DIMMING IS SPECIFIED.	GENERAL	AXIS LIGHTING	DA 2x4 LED #DALED-24-5000-80-35-VL-W-U-CP-1-[MOUNTING]	PER ARCHITECT	LED 3500K 5000 LM	UNV	50	PER FIXT.	FIXTURE UPDATED MODEL OF REGENERON STANDARD SIMILAR TO TYPE LT-66 ALLOW UP TO 50W PER FIXTURE. 3000K COLOR TEMPERATURE IS RECOMMENDED.
LR2	CEILING RECESSED LINEAR LED DOWNLIGHT INTEGRATED INTO CEILING GRIDS, WITH NOMINAL 1 INCH WIDE X 1.5 INCH HIGH PROFILE WITH DIFFUSED CONTINUOUS LENS AND REMOTE 0-10V DIMMABLE DRIVER. FIXTURE SHALL BE 2X2 SQUARE PATTERN.	CLASSROOMS	ARMSTRONG/JLC-TECH	TBAR LED #TBSL-HW[2X2 SQUARE] (GRID)-B-A-[C] WITH REMOTE POWER SUPPLY #TBSL-DIM-HP[100V]-UNV	PER ARCHITECT	LED 3000K 564 LM PER FT	UNV	64	PER FIXT.	POWER SUPPLIES SUBJECT TO WATTAGE AND CONTROL SYSTEM LIMITATIONS.
LR3	CEILING RECESSED LINEAR LED DOWNLIGHT INTEGRATED INTO CEILING GRIDS, WITH NOMINAL 1 INCH WIDE X 1.5 INCH HIGH PROFILE WITH DIFFUSED CONTINUOUS LENS AND REMOTE 0-10V DIMMABLE DRIVER. FIXTURE SHALL BE 2x4 RECTANGULAR PATTERN.	CLASSROOMS	ARMSTRONG/JLC-TECH	TBAR LED #TBSL-HW[2X4 RECTANGLE] (GRID)-B-A-[C] WITH REMOTE POWER SUPPLY #TBSL-DIM-HP[100V]-UNV	PER ARCHITECT	LED 3000K 564 LM PER FT	UNV	96	PER FIXT.	POWER SUPPLIES SUBJECT TO WATTAGE AND CONTROL SYSTEM LIMITATIONS.
LR4	CEILING RECESSED LINEAR LED DOWNLIGHT INTEGRATED INTO CEILING GRIDS, WITH NOMINAL 1 INCH WIDE X 1.5 INCH HIGH PROFILE WITH DIFFUSED CONTINUOUS LENS AND REMOTE 0-10V DIMMABLE DRIVER. FIXTURE SHALL BE 4x4 SQUARE PATTERN.	CLASSROOMS	ARMSTRONG/JLC-TECH	TBAR LED #TBSL-HW[4X4 SQUARE] (GRID)-B-A-[C] WITH REMOTE POWER SUPPLY #TBSL-DIM-HP[200V]-UNV	PER ARCHITECT	LED 3000K 564 LM PER FT	UNV	128	PER FIXT.	POWER SUPPLIES SUBJECT TO WATTAGE AND CONTROL SYSTEM LIMITATIONS.
LS1	SQUARE SURFACE MOUNTED DOWNLIGHT NOMINAL 4 INCH SQUARE X 0.7 INCH HIGH PROFILE AND 0.25 INCH WIDE FRAME, DIFFUSED LENS, PROVIDE WITH INTEGRAL ELV OR 0-10V DIMMABLE DRIVER WITH 277V AC INPUT.	INFANT CORRIDOR	JUNO	SLIMFORM LED #JFSQ-SINOTLM-30K-90CRI-MVOLT-ZT-VH	PER ARCHITECT	LED 3000K 700 LM	UNV	10	PER FIXT.	
LS2	SURFACE MOUNTED LED SCONCE WITH 4.5 INCH SQUARE PROFILE X 5 INCH HIGH, WIDE BEAM 83 DEGREE OPTICS, WITH INTEGRAL 0-10V DIMMABLE DRIVER.	INFANT CLASSROOM	SPECTRUM	PICO SCONCE #C045S0XT[10]-30K-XW-DS10X-FG-WM3-[FINISH]	PER ARCHITECT	LED 3000K 1000 LM	277V	10	PER FIXT.	MOUNT FIXTURE IN COMPLIANCE WITH ALL ADA REQUIREMENTS.
LN1	NOT USED.									
LN2	EXTERIOR RATED RECESSED MOUNTED LINEAR LED DOWNLIGHT WITH WALLGRABING OPTICS, NOMINAL 2.5 INCH WIDE X 4 INCH HIGH HOUSING WITH DIFFUSED SATINE CONTINUOUS LENS, AND INTEGRAL DIMMABLE DRIVER, RATED IP65 FOR EXTERIOR WET LOCATIONS.	EXTERIOR ENTRY VESTIBULE SOFFIT	SELUX	M60 #L602-1C40-930-[A2 OR A5 OPTICS]-[MOUNTING] (LENGTH PER DRAWINGS)-SP-U-DIM	PER ARCHITECT	LED 3000K 954 LM PER FT	UNV	10	PER LN. FT.	PROVIDE WITH INTEGRAL DIMMABLE 0-10V DRIVER AND CONTROLS.
LN3	EXTERIOR RATED CEILING RECESSED DOWNLIGHT WITH NOMINAL 4 INCH SQUARE APERTURE AND 3.5 INCH RECESSED DEPTH, WITH DIFFUSED SOLITE LENS, 45 DEGREE BEAM, 45 DEGREE CUTOFF, INTEGRAL 0-10V DIMMABLE DRIVER, RATED IP65 FOR EXTERIOR WET LOCATIONS.	EXTERIOR VESTIBULE SOFFIT	TECH LIGHTING	ELEMENT 4" HOUSING E4PH #E4PS-F-15-930-D-1 [WET LOCATION] (INTEGRATED DRIVER 277V-01-0V CONTROL-2 & TRM #E4PS-F-R-D-930-6-[FINISH]-[FINISH])	PER ARCHITECT	LED 3000K 1500 LM	277V	15	PER FIXT.	PROVIDE WITH INTEGRAL DIMMABLE 0-10V DRIVER AND CONTROLS.

- LIGHTING NOTES:**
- FOR ALL LED FIXTURES, CONTRACTOR TO PROVIDE SPECIFIED LUMEN OUTPUT AT REDUCED WATTAGE IF FIXTURE EFFICIENCY HAS IMPROVED SINCE THE PUBLISHING OF THIS DOCUMENT.
 - ALL LUMEN OUTPUTS INDICATED REFERENCE DELIVERED LUMENS.
 - SEE APPENDIX A OF SPECIFICATIONS BOOK FOR CORRESPONDING LIGHT FIXTURE CUTSHEETS.
 - ALL MANUFACTURERS OF CONTINUOUS-RUN LINEAR FIXTURES MUST SUBMIT SHOP DRAWINGS COORDINATED WITH ARCHITECTURAL DRAWINGS FOR RUN LENGTH REVIEW.
 - FOR ALL LUMINAIRES WHERE MOCKUPS ARE INDICATED AND FOR ALL FIXTURES WITH A TRANSLUCENT LENS OR DIFFUSER, SAMPLES OF LED FIXTURES AND DIFFUSER MATERIALS (WHERE APPLICABLE) SHALL BE REVIEWED AND APPROVED BY DESIGN TEAM PRIOR TO FABRICATION.
 - FOR ALL LUMINAIRES, CONTRACTOR TO CONFIRM DRIVER COMPATIBILITY WITH INSTALLED CONTROLS SYSTEM.
 - CONTRACTOR TO LOCATE ALL REMOTE DRIVERS IN ACCESSIBLE AND VENTILATED LOCATION NEAR ASSOCIATED FIXTURES.
 - ALLOW FOR MINIMUM OF 1 CONTROL ZONE PER FIXTURE TYPE FOR EACH ROOM, UNLESS OTHERWISE SPECIFIED.
 - CONTRACTOR TO CONFIRM ALL ZONING AND LIGHTING CONTROL SHOP DRAWINGS PRIOR TO LIGHT FIXTURE AND WIRING INSTALLATION.
 - CONTRACTOR TO PROVIDE ALL INSTALLATION, WIRING, LIGHTING CONTROLS, MOUNTING ACCESSORIES AND ALL NECESSARY REQUIRED COMPONENTS FOR SUCCESSFUL INSTALLATION.
 - REFER TO ARCHITECTURAL ELEVATIONS FOR FIXTURE MOUNTING AND SUSPENSION HEIGHTS.
 - FIXTURE FINISH TYPE TO BE CONFIRMED BY ARCHITECT. ANTI-MICROBIAL PAINT FINISH MAY BE REQUIRED. CLIENT TO CONFIRM SPEC REQUIREMENTS.
 - INSTALL ALL FIXTURES IN COMPLIANCE WITH ADA REGULATIONS AND GUIDELINES.
 - ALL FIXTURE ALTERNATES WHETHER LISTED IN THIS SCHEDULE OR PROVIDED BY OTHERS REQUIRE APPROVAL FROM OWNER/ARCHITECT/LIGHTING DESIGNER.

SITE LIGHTING SCHEDULE										
TYPE	FIXTURE DESCRIPTION	LOCATION	MANUFACTURER	CATALOG NUMBER	WATTS	VOLTAGE	NOTE A7			
SL1	OUTDOOR LED AREA LIGHT	SITE	LSI CORP	MRS-LED-09L-SIL-6W-30-70CRI	63	277V	WITH MOTION AND PHOTOCELL SENSOR			
SL2	OUTDOOR LED WALL LIGHT	SITE	LSI CORP	XWS-LED-06L-FTW-40-80CRI	52	277V	WITH MOTION AND PHOTOCELL SENSOR			
SL3	MONUMENT LIGHTING	SITE	COORDINATE LIGHTING FIXTURE TYPE WITH ARCHITECT				277V	CONTROLLED VIA TIMECLOCK ON PHOTOCELL OFF		

- SITE LIGHTING SCHEDULE NOTES:**
- FOR EXACT QUANTITY, LOCATION, AND TYPES FOR SITE LIGHTING FIXTURES, REFER TO CIVIL ENGINEERS DRAWING C-600 FOR ADDITIONAL INFORMATION.
 - REFER TO DETAIL 'X' FOR SITE LIGHTING DETAIL.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE WIRING, CONTROLS, APPURTENANCES, AND CONNECTIONS AS REQUIRED FOR A COMPLETE INSTALLATION AS PER INSTRUCTIONS ISSUED BY SYSTEM VENDOR. FINAL LOCATION FOR SITE LIGHTING FIXTURES SHALL BE COORDINATED WITH ARCHITECT.
 - REFER TO DRAWING E-052 FOR SITE LIGHTING PLAN.



No.	Date	Description
0	06.20.2022	ISSUED FOR PERMIT
1	06.20.2022	100% CONSTRUCTION DOCUMENTS
2	07.01.2022	100% CONSTRUCTION DOCUMENTS-1

Plot Date: 07.01.2022

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Professional Seal and Signature

Vendor Name: COSENTINI
Vendor Project No.: 210104
Discipline: Electrical Drawn By: AI
ELECTRICAL SCHEDULES
SHEET 4

Scale: 12" = 1'-0" Floor:

E-603

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 ENERGY CONSERVATION CODE OF NYS

This plan is approved only for work indicated on the application specification sheet. All other matters shown are not to be relied upon, or to be considered as either being approved or in accordance with applicable codes.

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