



GENERAL NOTES:

DRAWING SHOWING LOCATIONS OF EQUIPMENT, GEAR, LIGHTING, PIPING, ETC. ARE DIAGRAMMATIC AND MAY NOT ALWAYS REFLECT ACTUAL INSTALLATION CONDITIONS. DRAWINGS SHOW THE GENERAL ARRANGEMENT OF ALL EQUIPMENT, GEAR, LIGHTING, AND PIPING AND MAY NOT INCLUDE ALL OFFSETS AND FITTINGS AS REQUIRED. DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS ACTUAL BUILDING CONSTRUCTION AND THE WORK OF OTHERS WILL PERMIT. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS.

ELECTRICAL CONTRACTOR SHALL COORDINATE ALL GEAR, LIGHTING, PIPING AND EQUIPMENT WITH WORK OF OTHER TRADES PRIOR TO COMMENCEMENT OF WORK.

FINISH AND INSTALL ELECTRICAL PRODUCTS IN COMPLIANCE WITH LOCAL BUILDING CODES AND THE AUTHORITY HAVING JURISDICTION AND IN ACCORDANCE WITH GENERALLY ACCEPTED INDUSTRY STANDARDS AND PRACTICES AND MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS.

CALCULATIONS HAVE BEEN PERFORMED ACCORDING TO IES STANDARDS AND GOOD PRACTICE. SOME OF THE DIFFERENCES BETWEEN THE MEASURED VALUES AND CALCULATED RESULTS MAY OCCUR DUE TO TOLERANCES IN CALCULATION METHODS, TESTING PROCEDURES, COMPONENT PERFORMANCE, MEASUREMENT TECHNIQUES AND FIELD CONDITIONS. INPUT DATA USED TO GENERATE THE ATTACHED CALCULATIONS SUCH AS ROOM DIMENSIONS, REFLECTANCE, FURNITURE, AND ARCHITECTURAL ELEMENTS SIGNIFICANTLY AFFECT THE LIGHTING CALCULATIONS, IF THE REAL ENVIRONMENT CONDITIONS DO NOT MATCH THE INPUT DATA, DIFFERENCES, WILL OCCUR BETWEEN THE MEASURED VALUES AND CALCULATED VALUES.

ELECTRICAL NOTES:

- ALL WORK SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL BUILDING CODES AND ORDINANCES, NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), NATIONAL ELECTRICAL CODE (NEC), AND THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
- INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUFACTURER'S PUBLISHED RECOMMENDATION. MAINTAIN ALL RECOMMENDED CLEARANCES AROUND EQUIPMENT.
- COORDINATE ALL EQUIPMENT WITH HVAC, PLUMBING, STRUCTURAL MEMBERS, DOORS, AND OTHER POTENTIAL CONFLICTS. COORDINATE WORK WITH ALL OTHER TRADES.
- ALL WIRING, INCLUDING CONTROL WIRING WILL BE PROVIDED BY THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL PROVIDE CONTROLS, AND ALL MISCELLANEOUS EQUIPMENT TO MAKE THE ELECTRICAL POWER/LIGHTING/DATA/FIRE ALARM/SECURITY SYSTEM COMPLETELY OPERATIONAL, READY FOR THE OWNER'S USE.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING, ADJUSTING AND CALIBRATION OF CONTROL SYSTEMS UNLESS SPECIFIED OTHERWISE.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE AN OPERATING AND MAINTENANCE MANUAL, CODE COMPLIANCE REPORT AND COPY OF THE STATE APPROVED ELECTRICAL PLAN TO THE BUILDING OWNER OR OPERATOR. THE OPERATING AND MAINTENANCE MANUAL SHALL INCLUDE BASIC DATA RELATING TO THE OPERATION AND MAINTENANCE OF ELECTRICAL SYSTEMS AND EQUIPMENT. REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY IDENTIFIED. WHERE APPLICABLE, ELECTRICAL CONTROLS INFORMATION SUCH AS DIAGRAMS, SCHEMATICS, CONTROL SEQUENCE DESCRIPTIONS, AND MAINTENANCE AND CALIBRATION INFORMATION SHALL BE INCLUDED.
- THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE INTENDED TO INDICATE CAPACITY, SIZE, APPROXIMATE LOCATION AND GENERAL ARRANGEMENT, NOT THE SPECIFIC DETAILS OF CONSTRUCTION. ADDITIONAL OFFSETS, FITTINGS, ACCESSORIES, AND COORDINATION THAT MAY BE NEEDED FOR PROPER INSTALLATION AND ARE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- ANY ERRORS OR AMBIGUITIES IN THE PLANS AND/OR SPECIFICATIONS THAT ARE DISCOVERED BY THE CONTRACTOR SHALL BE REPORTED TO THE ENGINEER BEFORE WORK IS STARTED. OMISSION OF PARTICULAR REFERENCE TO ANY ITEM NECESSARY FOR COMPLETE INSTALLATION AND PROPER OPERATION THEREOF SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF FURNISHING THE SAME AT NO EXTRA COST. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL PROJECT DOCUMENTS FOR INFORMATION PRIOR TO BID.
- ALL WORKMANSHIP, MATERIALS, EQUIPMENT, AND ANY OTHER COMPONENTS REQUIRED FOR JOB COMPLETION SHALL COMPLY WITH ALL APPLICABLE CODES AND PROJECT SPECIFICATIONS.
- ANY CHANGES TO MATERIALS SPECIFIED ON PLAN MUST BE APPROVED BY THE ELECTRICAL ENGINEER.
- LIGHTING EQUIPMENT IS NOT TO BE USED FOR TEMPORARY LIGHTING DURING CONSTRUCTION.
- POWER EQUIPMENT IS NOT TO BE USED FOR TEMPORARY POWER DURING CONSTRUCTION.
- CLEAN FIXTURES AND EQUIPMENT AND LEAVE IN PROPER WORKING CONDITION AT THE TIME OF FINAL CLEAN-UP.

PLAN NOTES:

Luminaire Schedule						
Symbol	Tag	Qty	Label	Arrangement	LLF	Description
	P1	1	ALED3T78Y-PC (DOUBLE)	BACK-BACK	0.900	ALED3T78Y (TYPE III)
	D1	29	DLED4R8Y	SINGLE	0.900	DLED4R8Y

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min Max/Min
Alley	Illuminance	Fc	0.20	0.6	0.0	N.A. N.A.
Apartment Complex Lot	Illuminance	Fc	1.53	6.5	0.1	15.30 65.00
Sidewalk	Illuminance	Fc	0.97	3.0	0.0	N.A. N.A.

LPD Area Summary			
Label	Area	Total Watts	LPD



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COMMENTS	
#	DATE
REVISIONS	

DRAWN BY: AARON KEIL	APPROVED BY:
ISSUE DATE: 3/22/2017	REVIEW DATE:
PAPER SIZE: ARCH D (24"x36")	SCALE: 1" = 10'

La Crosse Street APT

Brett Sawyer - City LTG