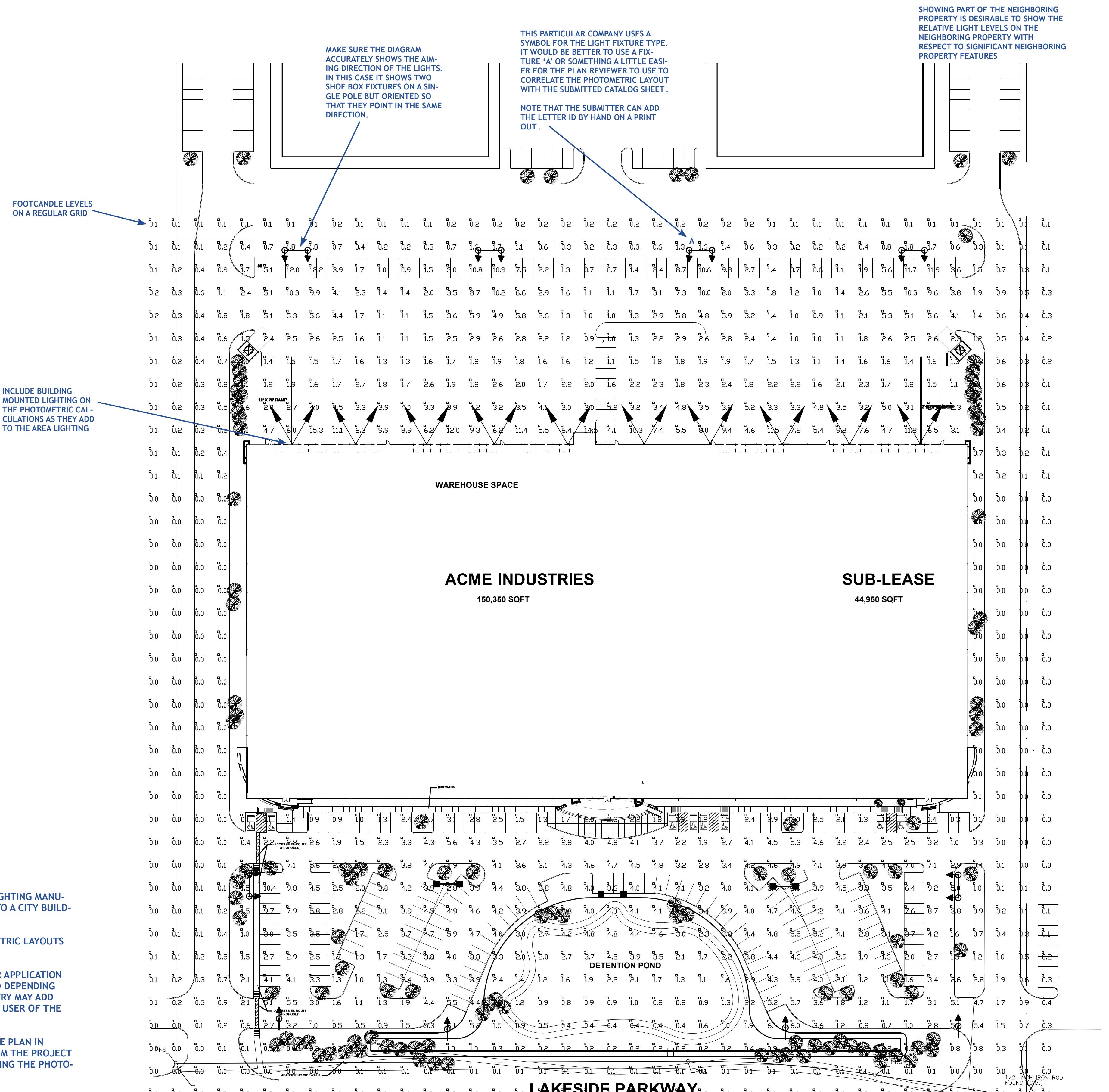


REVISIONS

Rev # Date BY:



PHOTOMETRIC LAYOUTS GENERAL INFORMATION

1. THIS PHOTOMETRIC LAYOUT WAS PROVIDED AS A COURTESY BY A LIGHTING MANUFACTURER FOR A SHELL WAREHOUSE AND WAS USED AS A SUBMITTAL TO A CITY BUILDING DEPARTMENT.
2. OFTEN MANUFACTURER REPRESENTATIVES WILL PROVIDE PHOTOMETRIC LAYOUTS FOR THEIR FIXTURES AS A COURTESY.
3. ONE CAN ALSO CREATE PHOTOMETRIC LAYOUTS USING A COMPUTER APPLICATION PROGRAM. SOME PROGRAMS ARE FREE AND SOME CAN BE PURCHASED DEPENDING ON COMPLEXITY. HAVING A LIGHTING SUPPLIER PROVIDE THE PHOTOMETRY MAY ADD SOME CREDIBILITY OF THE ACCURACY OF THE SUBMITTAL UNLESS THE USER OF THE COMPUTER PROGRAM IS ADEPT AT ITS USE.
4. TYPICALLY A PHOTOMETRIC PROGRAM WILL USE AS AN INPUT, A SITE PLAN IN AUTOCAD .DWG OR .DXF FORMAT. OFTEN THE SITE PLAN COMES FROM THE PROJECT CIVIL ENGINEER AND CAN BE EMAILED TO THE PERSON OR GROUP MAKING THE PHOTOMETRIC ANALYSIS.

(THE BACKGROUND FOR THIS SITE PHOTOMETRIC LAYOUT WAS FROM A CIVIL ENGINEER AND THE LIGHTING MANUFACTURER TURNED OFF THE CIVIL ENGINEERING DRAWING LAYERS SUCH AS UTILITIES AND GRADING INSTRUCTIONS FOR THIS PHOTOMETRIC PRINTOUT.)

5. THE CITY OF MISSOULA NEEDS A PAPER DRAWING PRINT OUT PRINTED TO A STANDARD SCALE THAT IS READABLE AND UNDERSTANDABLE. TYPICALLY A D-SIZE DRAWING (24" X 36") WOULD BE SUFFICIENT.

6. THE CITY OF MISSOULA LIGHTING ORDINANCE REQUIRES BOTH A LIGHT FIXTURE LAYOUT AND A PHOTOMETRIC LAYOUT. THIS DRAWING, BY SHOWING BOTH THE PHOTOMETRIC CALCULATIONS AND THE PROPOSED LIGHT FIXTURE LOCATIONS AND AIMING DIRECTION, SATISFIES THE ORDINANCE SUBMITTAL REQUIREMENTS WITH A SINGLE DRAWING SHEET.

NOTE THAT THIS LEGEND DESCRIBES IN DETAIL THE PROPOSED LIGHT FIXTURES.

A CATALOG ID WOULD BE HELPFUL TO CORRELATE TO A CATALOG SHEET TO REMOVE DOUBT AND TO EXPEDITE REVIEW.

(THIS SHEET HAS AN ID BUT THEY ARE NOT VERY CLEAR ON THE DRAWING LAYOUT.)

Numeric Summary						
Project: All Projects	Label	CalcType	Units	Avg	Max	Min
CalcPts		Illuminance	Fc	1.96	15.3	0.0
Luminaire Schedule						
Project: All Projects	Symbol	Qty	Label	Arrangement	Lumens	LLF
	■	4	A	DIRP	82000	0.800
	■	6	B	FORWARD-THROW-D180	82000	0.800
	→	4	C	SINGLE	82000	0.800
	→	20	D	SINGLE	36000	0.750

INCLUDING THE SCALE IS VERY IMPORTANT FOR CITY OF MISSOULA PLAN REVIEWER UNDERSTANDING.

NOTE THAT THE DATE IS HANDY TO DIFFERENTIATE A RE-SUBMITTAL IF ONE IS REQUIRED.

THIS TABLE SUMMARIZES THE TOTAL CALCULATIONS TO PROVIDE INFORMATION FOR THE REVIEWER AS WELL AS, AND OFTEN MORE IMPORTANT, INFORMATION FOR THE END USER.

SAMPLE PHOTOMETRIC DRAWING

DATE - 12/18/06
scale 1" = 50'

8711 PM: STEVE BY: J.P. SHEET 1 OF 1

ACME LIGHTING SYSTEMS