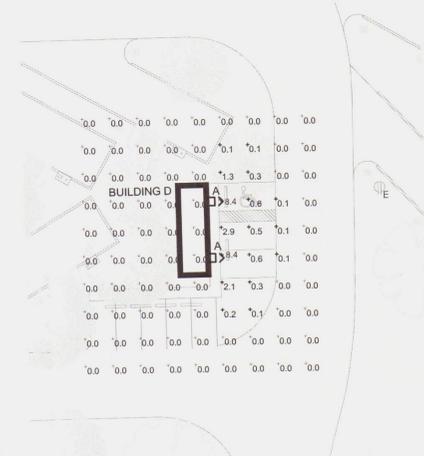


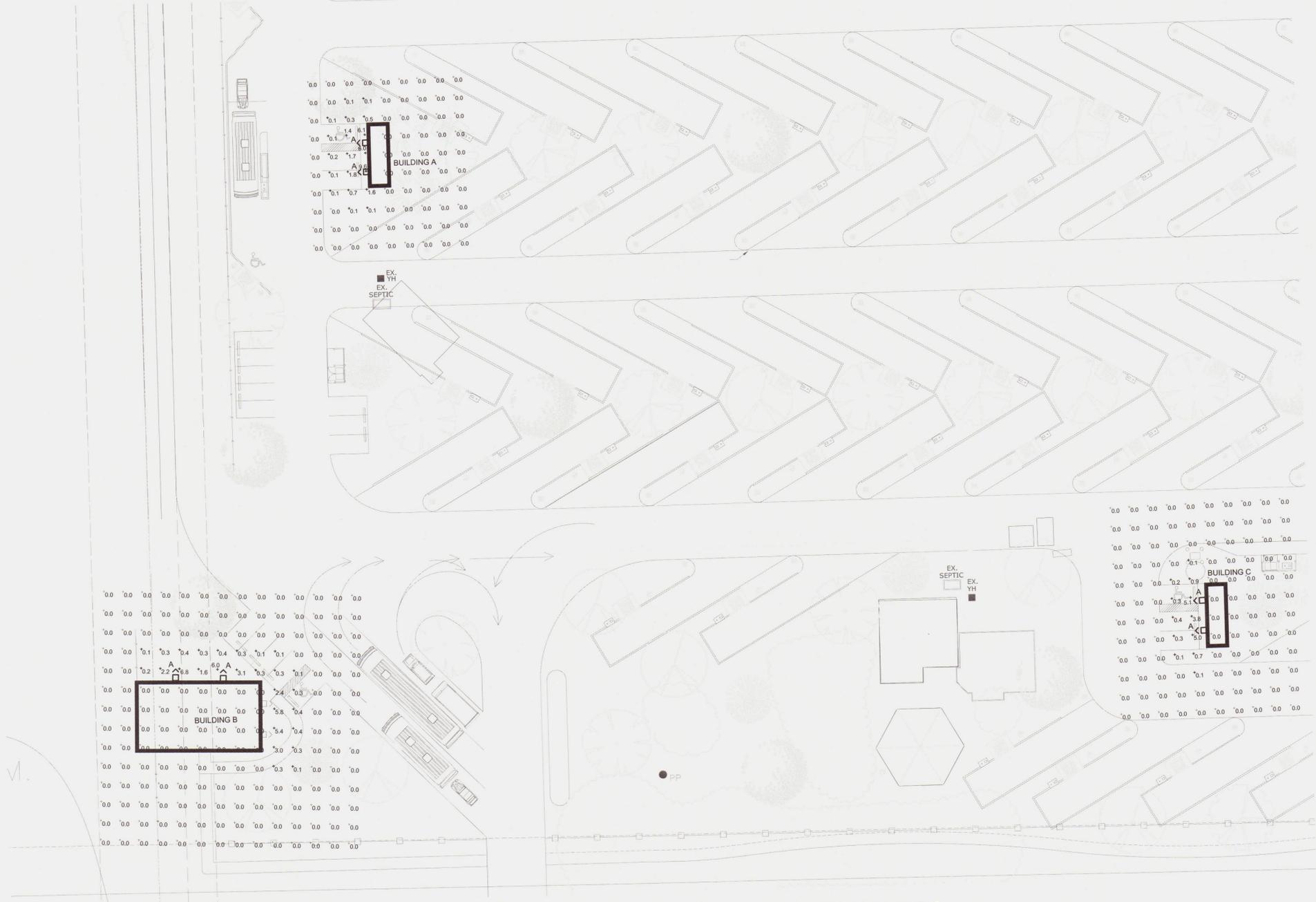
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**GENERAL NOTES**

- A. THE CALCULATIONS SHOWN IN THIS DRAWING HAVE BEEN MADE USING A 0.80 LIGHT LOSS FACTOR (LLF) DUE TO DIRT DEPRECIATION AND NATURAL AGING OF THE PROPOSED FIXTURES.
- B. FIXTURE MOUNTING HEIGHT IS +10'-0" AFG.



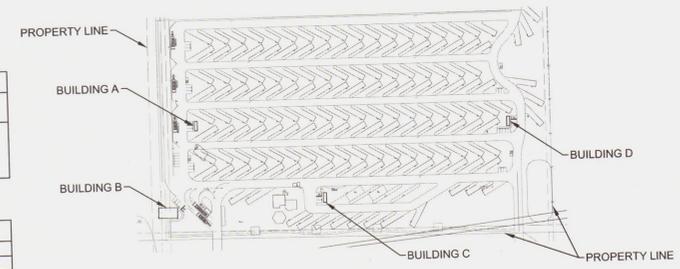
**LIGHTING PHOTOMETRY CALC - BUILDING D**  
SCALE: 1" = 30'-0"



**LIGHTING PHOTOMETRY CALC - BUILDINGS A, B, AND C**  
SCALE: 1" = 30'-0"

LUMINAIRE SCHEDULE								
MARK	MANUFACTURER	CATALOG NO.	LAMPS QTY/TYPE	FINISH	MOUNTING	WATTAGE	VOLTAGE	REMARKS
A	WAC LIGHTING	WP-LED127-30-aBZ-PC-120-BZ	LED 3000K	BRONZE	WALL	27	120	WALL PACK, DIE CAST ALUMINUM HOUSING, INTEGRAL DRIVER, LED, 2075 DELIVERED LUMENS, 85 CRI, IP66 RATED. PROVIDE PHOTO SENSOR OPTION.

PHOTOMETRIC AREA CALCULATION SUMMARY					
AREA DESCRIPTION	AVG (FC)	MAX (FC)	MIN (FC)	MAX/MIN	AVG/MIN
BUILDING A	0.3	9.6	0.0	N/A	N/A
BUILDING B	0.2	6.8	0.0	N/A	N/A
BUILDING C	0.1	5.1	0.0	N/A	N/A
BUILDING D	0.3	8.4	0.0	N/A	N/A



**SITE KEY PLAN**  
NOT TO SCALE

**FIN - model: WP-LED1**  
Endurance Wallpack

**PRODUCT DESCRIPTION**  
Die cast aluminum factory sealed housings with patent pending design for a water and dust proof IP66 rated outdoor luminaire.

**FEATURES**

- Factory Sealed LED Light Engine
- 20° Forward Throw Illumination
- Photo/Motion Sensor Compatible (Sold Separately)
- Built-in Level For Easy Adjustment
- Suitable to install in all directions
- Multi-Function Dimming: ELV (120V) or 0-10V
- 85 CRI
- 100,000 hour rated life

**ORDER NUMBER**

Model	Power	Comparable	Color Temp	Delivered Lumens	CBP	Finish
WP-LED119	19W	39W HED	30	3000K 1390	1630	aBZ Architectural Bronze
WP-LED127	27W	20W HED	50	3000K 2075	1461	aGH Architectural Graphite
WP-LED135	35W	100W HED	30	3000K 2750	1930	aWT Architectural White

Example: WP-LED119-50-BZ

**ACCESSORIES**

Motion Sensor (120V)	MS-120-BZ	Brass	PC-120-BZ	Brass
	MS-120-GY	Gray	PC-120-GY	Gray
	MS-120-WT	White	PC-120-WT	White

Photo Sensor (120V)

**WAC LIGHTING**  
Responsible Lighting®

Fixture Type:

Catalog Number:

Project:

Location:

**SPECIFICATIONS**

Construction: Die-cast aluminum

Power: Integral driver in luminaire. Universal voltage input (120V-277V)

Dimming: 100% - 30% with 0 - 10V dimmer (120V - 277V)  
100% - 15% with Electronic Low Voltage (ELV) dimmer (120V only)

Finish: Architectural Bronze, Graphite, and White

Standards: IP66, Wet Location, ETL & cETL Listed

Total Harmonic Distortion: 35%

Operating Temperature: -40°C (-40°F) to 40°C (104°F)

**PHOTOMETRY**

**PLANT**  
ENGINEERING CONSULTANTS  
320 W FILLMORE SUITE 100 COLORADO SPRINGS CO 80907  
www.plantec.com  
719.473.7077



**JUDGE ORR ROAD RV PARK**  
SITE DEVELOPMENT PLAN  
14010 JUDGE ORR ROAD PEYTON, CO 80831

REVISIONS	MARK	DATE	COMMENT

SHEET TITLE  
**ELECTRICAL LIGHTING PHOTOMETRY CALC**

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PROJECT 17077  
DATE 11/29/2017  
DRAWN JDH  
CHECKED MPP

SHEET

**E100**

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