



PLAN NOTES:

- 1 NEW POLE MOUNTED LIGHT FIXTURE SHALL BE INSTALLED IN APPROXIMATE LOCATION SHOWN. RE: LIGHTING FIXTURE SCHEDULE ON SHEET SL200
- $\langle 2 \rangle$ EXISTING POLE LIGHT TO REMAIN.
- $\langle 3 \rangle$ 50ft OWNER RADIUS LIGHTING CALCULATION
- $\langle 4 \rangle$ 5FT OWNER RADIUS LIGHTING CALCULATION

CALCULATION SUMMARY									
AREA	AVE	MAX	MIN	MAX/MIN	AVE/MIN				
LOT 9	2.59	6.2	0.6	10.33	4.32				
LOT 9 – ATM 5ft RADIUS	3.95	6.8	2.4	2.83	1.65				
LOT 9 – ATM 50ft RADIUS	5.75	14.0	1.4	10.00	4.11				
NOTES	1			10.00	1.11				

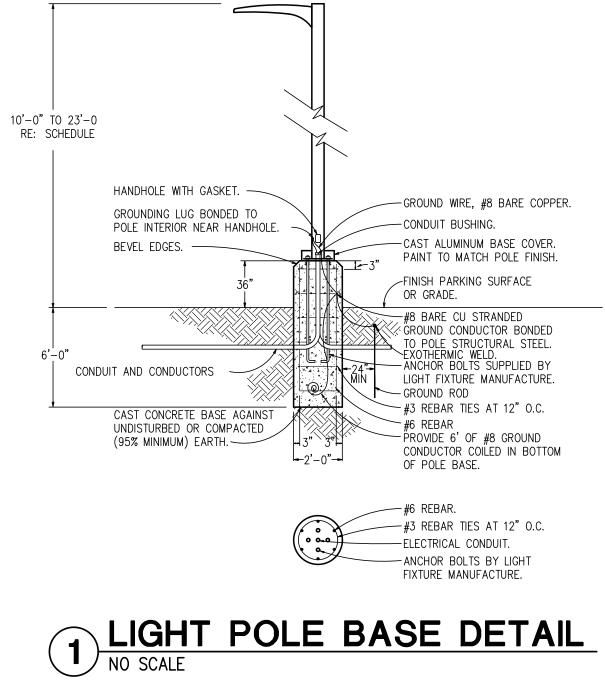
1) ATM CALCULATIONS FROM 3FT ABOVE FINISHED GRADE.

RELEASED FOR CONSTRUCTION As Noted on Plan Review

Development Services Department Lee's Summit, Missouri

02/28/2023

MEP ENGINEER:	UD
STREETS OF WEST PRYOR LOT 9 ATM LOT 9 ATM SITE LIGHTING	
THIS DRAWING is provided as an instrument of the Engineer, and is intended for use on ONLY. This Drawing Remains the Property of and shall be Returned to him upon comple construction work. All Drawings, Specificat Designs and Arrangements appearing herein co original and unpublished Work of the Engi Reproductions, Use or Disclosure of the Information contained herein Without the PF Consent of the Engineer is strictly Prohibited. © Copyright 2023 InSite Group, Inc.	this Project the Engineer stion of the ions, Ideas, onstitute the neer. Any Proprietary
SEAL: CURTIS L. BRUNGARDT X-16-23 NUMBER PE-2003016693 STONAL ENGINE	
	DATE
	03/2023 PERMIT
-	-6828-2
PROJECT NUMBER: 20 PROJECT PHASE:	CD
PROJECT PHASE	CD
PROJECT PHASE	CD
PROJECT PHASE	CD





MARK	MANUFACTURER *	FIXTURE DESCRIPTION	MODEL NUMBER	MOUNTING	COLOR
PL6	McGRAW-EDISON	DARK SKY COMPLIANT AREA LIGHT FIXTURE WITH TWO DIRECT ARM MOUNTS AT 180 DEGREES, FIXTURES INSTALLED 90 DEGREES, 23FT ABOVE FINISHED GRADE, 20FT ALUMINUM POLE WITH VIBRATION DAMPER	FIXTURE: (2) GLEON-SA4D-740-U-5WQ-BZ POLE: SSA4M20WCN2GV	POLE	4000K

2) INFORMATION PROVIDED IN SCHEDULE IS TO SHOW WHAT WAS USED IN CALCULATION. COORDINATE FINAL FIXTURE WITH OWNER/ENGINEER PRIOR TO ORDERING. LIGHTING CONTROL OPTIONS SHALL BE SELECTED TO COMPLY WITH CITY REQUIREMENTS.

* OR PRIOR APPROVED EQUAL

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	STREETS OF WEST PRYOR LOT 9 ATM SITE LIGHTING	LEE'S SUMMIT, MO JACKSON COUNTY	
the Engir ONLY. TI and shall constructi Designs c original o Reproduct Informatio Consent o	and Arrangements appear and unpublished Work ions, Use or Disclosu n contained herein Wit of the Engineer is strictly rright 2023 InSite Gro	for use on Property of upon comple- gs, Specifica ring herein c of the Eng ure of the thout the P Prohibited. oup, Inc.	this Project the Engineer etion of the tions, Ideas, onstitute the ineer. Any Proprietary
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Lee's Summit, Missou

InSite Group

3540 NE RALPH POWELL RD, STE. B LEE'S SUMMIT, MO 64064 PHONE: (816) 228-3377

MEP ENGINEER

1				GLEON	l Galleon
:-740-U	-T4FT-GM				
ngine Drive Ci	Color Irrent Temperature	Voltage	Distribution	Mounting	Finish
A=600mA B=800mA C=1000m/ D=1200m/	 735=70CRI, 3500K 740=70CRI, 4000K 750=70CRI, 5000K 760=70CRI, 5000K 827=80CRI, 2700K 830=80CRI, 3000K AMB=Amber, 590nm ^{14, 16} 	U=120-277V 1=120V 2=208V 3=240V 4=277V 8=480V 7.ª 9=347V 7	T2=Type II T2R=Type II Roadway T3=Type III Roadway T4FT=Type IV Forward Throw T4FT=Type IV Forward Throw T4FT=Type IV Wide SNQ=Type V Narrow SMQ=Type V Square Medium SWQ=Type V Square Medium SWQ=Type V Square Medium SWQ=Type V Square Medium SU2=Type II w/Spill Control SL3=Type II w/Spill Control SL3=Type II w/Spill Control SL4=00° Spill Light Eliminator Right RW=Rectangular Wide Type I AFL=Automotive Frontline	[Blank]=Arm for Round or Square Pole EA=Extended Arm ⁹ MA=Mast Arm Adapter ¹⁰ WM=Wall Mount QM=Quick Mount Arm (Standard Length) ¹¹ QMEA=Quick Mount Arm (Extended Length) ¹²	AP=Grey BZ=Bronze BK=Black DP=Dark Platinum GM=Graphite Metallik WH=White RALXX=Custom Colo
ge)	BPC=Button Type Photocontrol PR=NEMA 3-PIN Photocontrol Recei	Systems Option	s (Add as Sumix)	Accessories (Order Separa OA/RA1016=NEMA Photocontrol Multi-Tap - 10 OA/RA1027=NEMA Photocontrol - 480V	
Itage) evice	PR7-NEMA 7-PIN Photocontrol Rec SPB2=Dimming Occupancy Senso SPB4=Dimming Occupancy Senso MS-L20=Motion Sensor for ON/OFF MS-L40W=Motion Sensor for ON/OFF MS/X-L20=Bi-Level Motion Sensor MS/DIM-L20=Bi-Level Motion Sensor for Din MS/DIM-L20=Motion Sensor for DIN DZW=WaveLinx Module and 4-PIN Rec ZD=WaveLinx Module with DALI driv SWP04XX=WaveLinx Sensor Only, 1 WOBXX=WaveLinx Sensor or Nil, 1 WOBXX=WaveLinx Sensor or Nil, 1 WOBXX=WaveLinx Sensor or Nil, 1 WOBXX=WaveLinx Sensor rith Bluet UWF-LW=Enlighted Sensor, 16'-40' DIM10-MS/DIM-L20=Synapse Occu DIM10-MS/DIM-L40=Synapse Occu	r with Bluetooth r with Bluetooth Operation, 9' - 21' FOperation, 21' ' - 20' Mounting y' - 20' Mountin ming Operation, imming Operation, zeptacle er and 4-PIN Rec -15' ^{13,32,33} tooth, 7'-15' ^{13,32} tooth, 7'-15' ^{13,32} tooth, 7'-15' ^{13,32} tooth, 7'-15' ^{13,32} tooth, 7'-15' ^{13,32} tooth, 7'-15' ^{13,32} tooth, 7'-15' ^{13,32}	Interface, 21' - 40' Mounting ²⁴ ² Mounting Height ²⁴ + 40' Mounting Height ²⁴ Height ^{24, 25} 19' - 20' Mounting Height ²⁴ n, 21' - 40' Mounting Height ²⁴ eptacle ⁴ ⁴ ¹⁰ Mounting) ¹⁹ -20' Mounting) ¹⁹	OJ(RA1201=NEMA Photocontrol - 347V OA(RA1013=Photocontrol Shorting Cap OJ(RA1014=120V Photocontrol MA1252=10kV Surge Module Replacement MA1036-XX=2@180° Tenon Adapter for 2-3/8° MA1187-XX=2@180° Tenon Adapter for 2-3/8° MA1189-XX=2@90° Tenon Adapter for 2-3/8° MA1189-XX=2@90° Tenon Adapter for 2-3/8° MA1189-XX=2@90° Tenon Adapter for 2-3/8° MA1189-XX=2@90° Tenon Adapter for 2-3/8° MA1190-XX=2@90° Tenon Adapter for 2-3/8° MA1038-XX=2@180° Tenon Adapter for 3-1/2° MA1191-XX=2@180° Tenon Adapter for 3-1/2° MA1192-XX=2@90° Tenon Adapter for 3-1/2° MA1193-XX=2@180° Tenon Adapter for 3-1/2° MA1193-XX=2@90° Tenon Adapter for 3-1/2° MA1193-XX=2@90° Tenon Adapter for 3-1/2° MA1193-XX=2@90° Tenon Adapter for 3-1/2° MA1194-XX=2@90° Tenon Adapter for 3-1/2° GEON-MT1=Field Installed Mesh Top for 1-4 L GEON-MT3=Field Installed Mesh Top for 7-8 I GLEON-MT3=Field Installed Mesh Top for 7-8 I GLEON-MT4=Field Installed Mesh Top for 7-8 I GLEON-MT4=Field Installed Mesh Top for 7-8 I GLEON-MEA=Quick Mount Arm Kit 11 GLEON-QMEA=Quick Mount Arm Kit 11 SJ(RSBK=Glare Reducing Shield, Black ^{32,30} LS/GRSWH=Glare Reducing Shield, White ^{23,30} LS/GRSWH=Glare Reducing Shield, Shield Mash SWPD5-XX=Wavelinx Wireless Sensor, 7-15' M	0.D. Tenon 0.D. Tenon 1.D. T
	and fixture compatibility for all applications.	19. Cannot Is 20. Low vo	allable with Enlighted wireless sensors. be used with other control options. Itage control lead brought out 18" outside fixture ailable if any "MS" sensor is selected. Motion se is the use of BPC photocontrol or the PR7 or PR dditional information. use with 14FT, T4W or SL4 optics. See IES files	nsor has an integral photocell. photocontrol receptacle with photocontrol accessory. See A for details.	
t information esignlights.c 5,000-hours (EA). or extended ar when com he HA high at use with ung e Phase Thre	rg Qualified Products List under Family Mode er ASTM B117, with a scribe rating of 9 per quick mount arm (QMEA). Jined with sensor options. Not available with holent and sensor options at 1A. rounded systems, impedance grounded syste e Wire Delta, Three Phase High Leg Delta and	guide for a 23. Not for 24. The FS your lightir 25. Replac 26. Enlight ems quantities. d 27. Not ava 28. Not for	IR-100 configuration tool is required to adjust pa grepresentative at Cooper Lighting Solutions fo e X with number of Light Squares operating in lo ed wireless sensors are factory installed only re- silable with house side shield (HSS). use with SNQ, SMQ, SMQ or RW optics. A black	r mole information. w output mode. juiring network components LWP-EM-1, LWP-GW-1 and LWP trim plate is used when HSS is selected.	
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LAMP

LED

QTY

4000K 2 PER POLE

TYPE

CODE

DRIVE CURRENT

(QUANTITY/TYPE)

(1) 1200mA

WATTS

516

1-2

VOLTS (PER/POLE) NOTES

MVOLT