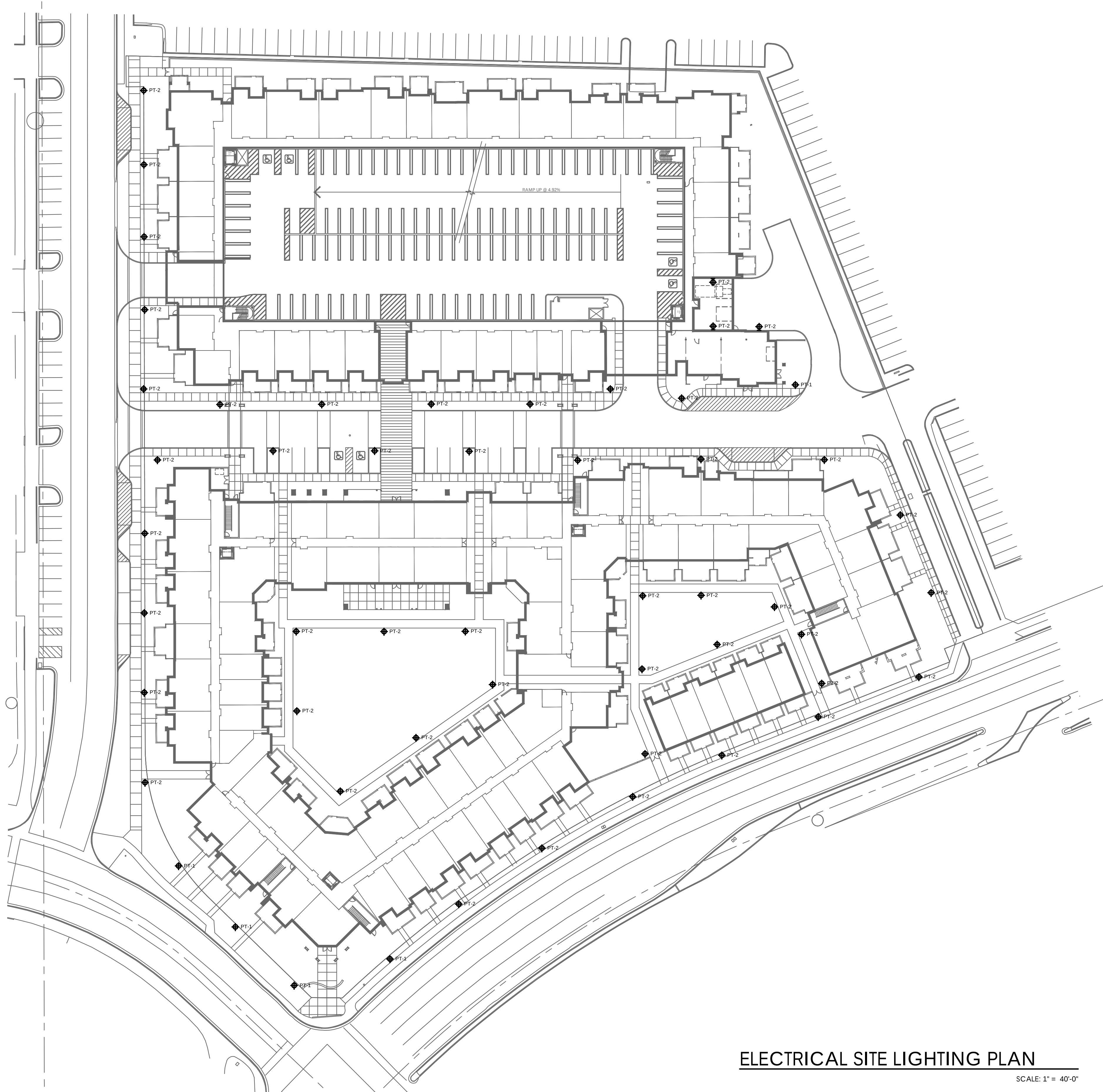




ELECTRICAL SITE LIGHTING PLAN

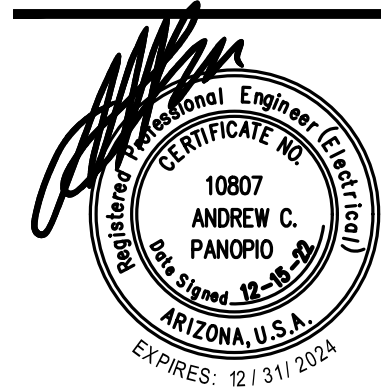
SCALE: 1" = 40'-0"

Rev.	Date:	Description:
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MESA RIVERVIEW APARTMENTS

MESA, AZ

ELECTRICAL SITE LIGHTING PLAN



NP ENGINEERING INC.
4115 N. 15TH AVE.
PHOENIX, AZ 85015
PH: (602) 265-1559 FAX: (602) 265-1605

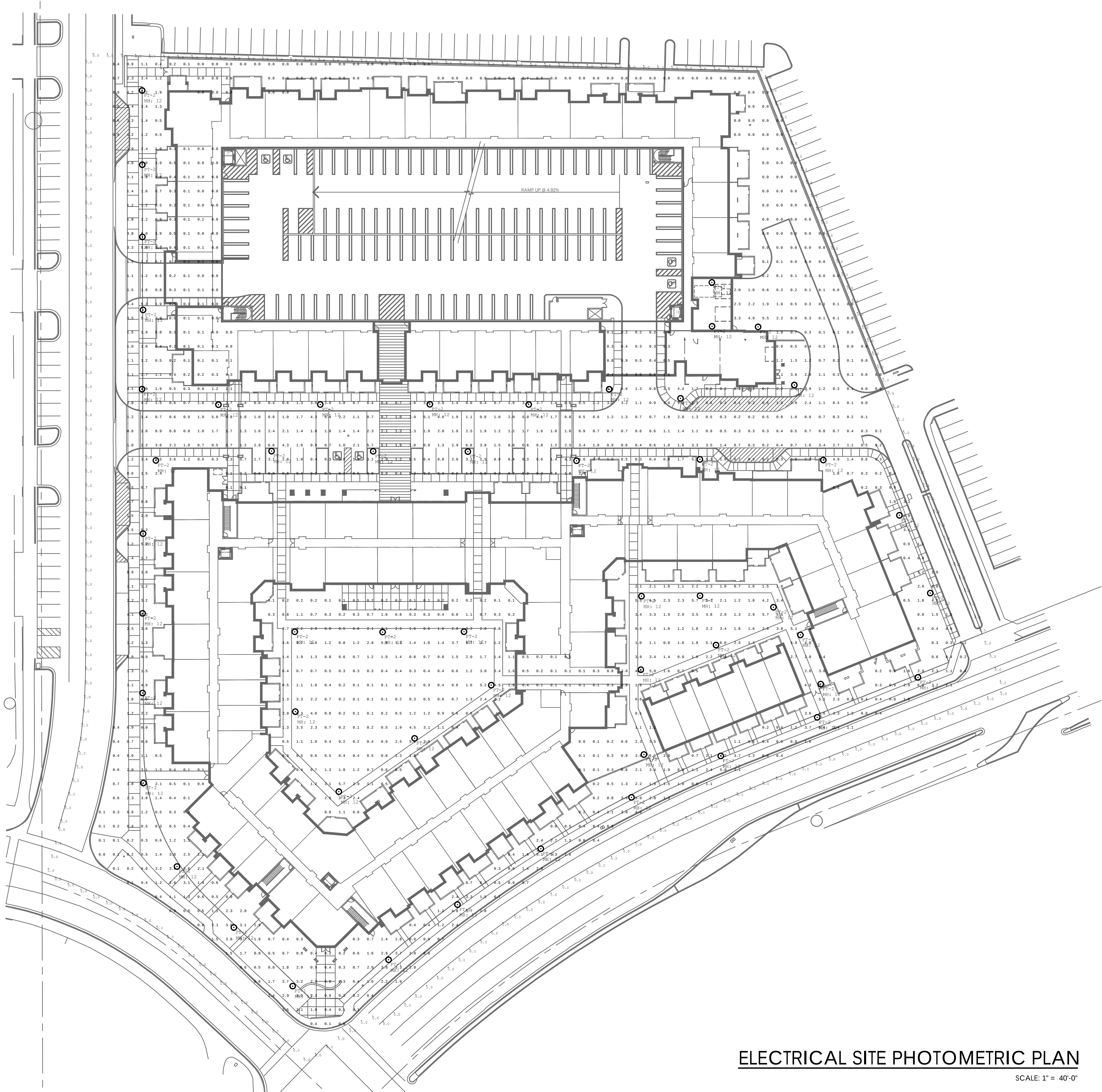
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Project Manager: **RP**
Drawn by: **JCS**
Date: **11/07/22**

E1

Sheet of





ELECTRICAL SITE PHOTOMETRIC PLAN

SCALE: 1" = 40'-0"

Luminaire Schedule							LLF	Luminaire Lumens	Luminaire Watts	Total Watts
Symbol	Qty	Label	Arrangement	Description	Tag					
●	5	PT-1	Single	LST-TNB OPS-PT-BSL-60-26K8			0.968	4073	24	478
●	148	PT-2	Single	LST-TNB OPS-PT-BSL-94-26K8			0.968	4473	34	1032

Calculation Summary						
Label	Category	Units	Avg	Max	Min	Avg/Min
Property Line	Footcandle	FC	0.31	1.92	0.00	N/A
Site	Illuminance	FC	1.39	6.4	0.0	N/A

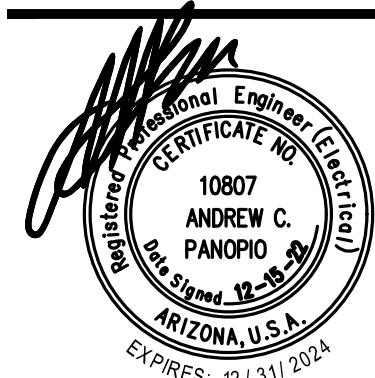
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MESA RIVERVIEW APARTMENTS

MESA, AZ

ELECTRICAL SITE PHOTOMETRIC PLAN



NP ENGINEERING INC.

4115 N. 15TH AVE.

PHOENIX, AZ 85015

PH: (602) 265-1559 FAX: (602) 265-1605

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Project Manager: RP
Drawn by: JCS
Date: 11/07/22

E2

Sheet of

MESA, AZ

ELECTRICAL SITE LIGHTING CUT-SHEETS

PH: (602) 265-1559 FAX: (602) 265-1605
PHOENIX, AZ 85013

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Project Manager: **RP**
Drawn by: **JCS**
Date: **11/07/22**

Sheet of

Type: PT-1

Opulence Small Post Top

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ORDERING GUIDE

TYPICAL ORDER EXAMPLE: **OPS PT 8L 5Q UNV 40K8 BLK ALBCS1**

Prefix	Mounting	Lumen Package*	Distribution
OPS - Opulence Small	PT - Post Top (2 3/8" x 3" Tension)	3L - 3,000 Lumens 5L - 5,000 Lumens 8L - 8,000 Lumens 10L - 10,000 Lumens 12L - 12,000 Lumens 14L - 14,000 Lumens	5Q - Type 5 Square 5R - Type 5 Concentrated 5R - Type 5 Rectangular 3W - Type 3 (Wide Throw) 4F - Type 4 (Forward Throw) 5D - Type 5 Diffused AD - Asymmetric Diffused
Voltage	Color Temp	Finish	Controls
UNV - Universal Voltage (120-277V) HW - High Voltage (347-480V)	50K8 - 5,000K CCT - 80 CRI 40K8 - 4,000K CCT - 80 CRI 30K8 - 3,000K CCT - 80 CRI 27K8 - 2,700K CCT - 80 CRI	BRZ - Dark Bronze BLK - Black GMG - Gun Metal Gray GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus WHT - White	(Blank) - None Wireless Controls System ALBCS1 - ArLink Blue Wireless Motion & Photo Sensor Controller (8-24" MHz) ALBCS2 - ArLink Blue Wireless Motion & Photo Sensor Controller (25-40" MHz) Stand-Alone Controls CRSP - 7 Pin Control Receptacle ANSI C136.41 ¹ INSBT1 - Integral Bluetooth™ Motion and PhotoSens Controller (8-24" MHz) ^{1,3} INSBT2 - Integral Bluetooth™ Motion and PhotoSens Sensor (25-40" MHz) ^{1,3} EXT - 0-10v Dimming leads extended to housing exterior

Accessory Ordering Information

CONTROLS ACCESSORIES		MOUNTING ACCESSORIES ⁶	
Description	Order Number	Description	Order Number
Twist Lock Protocol (120V) for use with CRTP	122514	Internal Fish Mount Adapter for 4' OD Round Pole	7644CGLR
Twist Lock Protocol (270V) for use with CRTP	122515	Post Top Wall Mount Bracket	761587CLR
Twist Lock Protocol (347V) for use with CRTP	122516	D180 Post Top Arm Bracket	761588CLR
Twist Lock Protocol (480V) for use with CRTP	122518	Internal Tension Adapter for 4" Square Pole	694630CLR
ArLink 5 Pin Twist Lock Controller	661409	Internal Tension Adapter for 5" Square Pole	694641CLR
ArLink 7 Pin Twist Lock Controller	661410	Internal Tension Adapter for 6" Square Pole	694642CLR
Shorting Cap for use with CRTP	148028	Decorative Base Cover (4 1/2" Round Poles)	483904CLR
		1" Universal Bird Spike Kit (2" Recommended per Luminaire)	751632
		EHS - External Shield (Black Finish Only)	781340
FUSING ACCESSORIES ⁵			
Description	Order Number		
Single Fusing (120V)	FK100		
Single Fusing (270V)	FK217		
Double Fusing (480V)	DFK480		
Double Fusing (347V)	DFK347		

FOOTNOTES:

- 1-120-277V Only. Not available with 14L Lumen Package.
- 2-Control device or shorting cap must be ordered separately. See Accessory Ordering Information.
- 3-INSBT1 is field configurable via the LSI app that can be downloaded from your smartphone's native app store.
- 4-Accessories are shipped separately and field installed.
- 5-Fusing must be located in field field of pole.
- 6-"CLR" denotes Finish. See Finish options.

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 SPEC.1094.A.0321

Type: PT-2

Opulence Small Post Top

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ORDERING GUIDE

TYPICAL ORDER EXAMPLE: **OPS PT 8L 5Q UNV 40K8 BLK ALBCS1**

Prefix	Mounting	Lumen Package*	Distribution
OPS - Opulence Small	PT - Post Top (2 3/8" x 3" Tension)	3L - 3,000 Lumens 5L - 5,000 Lumens 8L - 8,000 Lumens 10L - 10,000 Lumens 12L - 12,000 Lumens 14L - 14,000 Lumens	5Q - Type 5 Square 5R - Type 5 Concentrated 5R - Type 5 Rectangular 3W - Type 3 (Wide Throw) 4F - Type 4 (Forward Throw) 5D - Type 5 Diffused AD - Asymmetric Diffused
Voltage	Color Temp	Finish	Controls
UNV - Universal Voltage (120-277V) HV - High Voltage (347-480V)	50K8 - 5,000K CCT - 80 CRI 40K8 - 4,000K CCT - 80 CRI 30K8 - 3,000K CCT - 80 CRI 27K8 - 2,700K CCT - 80 CRI	BRZ - Dark Bronze BLK - Black GMG - Gun Metal Gray GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus WHT - White	(Blank) - None Wireless Controls System ALBCS1 - ArLink Blue Wireless Motion & Photo Sensor Controller (8-24' MH) ALBCS2 - ArLink Blue Wireless Motion & Photo Sensor Controller (25-40' MH) Stand-Alone Controls CRTP - 7 Pin Control Receptacle ANSI C136.41 ² INSBT1 - Integral Bluetooth™ Motion and PhotoSens Controller (8-24' MH) ^{1,3} INSBT2 - Integral Bluetooth™ Motion and PhotoSens Sensor (25-40' MH) ^{1,3} EXT - 0-10v Dimming leads extended to housing exterior

Accessory Ordering Information

CONTROLS ACCESSORIES		MOUNTING ACCESSORIES ⁶	
Description	Order Number	Description	Order Number
Twist Lock Protocol (120V) for use with CRTP	122514	Internal Flush Mount Adapter for 4' OD Round Pole	7644CCLR
Twist Lock Protocol (277V) for use with CRTP	122515	Post Top Wall Mount Bracket	76158TOLR
Twist Lock Protocol (347V) for use with CRTP	122516	D180 Post Top Arm Bracket	76158BOLR
Twist Lock Protocol (480V) for use with CRTP	122518	Internal Tension Adapter for 4" Square Pole	694630CLR
ArLink 5 Pin Twist Lock Controller	661409	Internal Tension Adapter for 5" Square Pole	694641CLR
ArLink 7 Pin Twist Lock Controller	661410	Internal Tension Adapter for 6" Square Pole	694642CLR
Shorting Cap for use with CRTP	148028	Decorative Base Cover (4 1/2" Round Poles)	483904CLR
		10' Linear Bird Spike Kit (2" Recommended per Luminaire)	751632
		EHS - External Shield (Black Finish Only)	781340
FUSING ACCESSORIES ⁵			
Description	Order Number		
Single Fusing (120V)	FK100		
Single Fusing (277V)	FK217		
Double Fusing (480V)	DFK480		
Double Fusing (347V)	DFK347		

FOOTNOTES:

- 1-120-277V Only. Not available with 14L Lumen Package.
- 2-Control device or shorting cap must be ordered separately. See Accessory Ordering Information.
- 3-INSBT1 is field configurable via the LSI app that can be found on your smartphone's native app store.
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