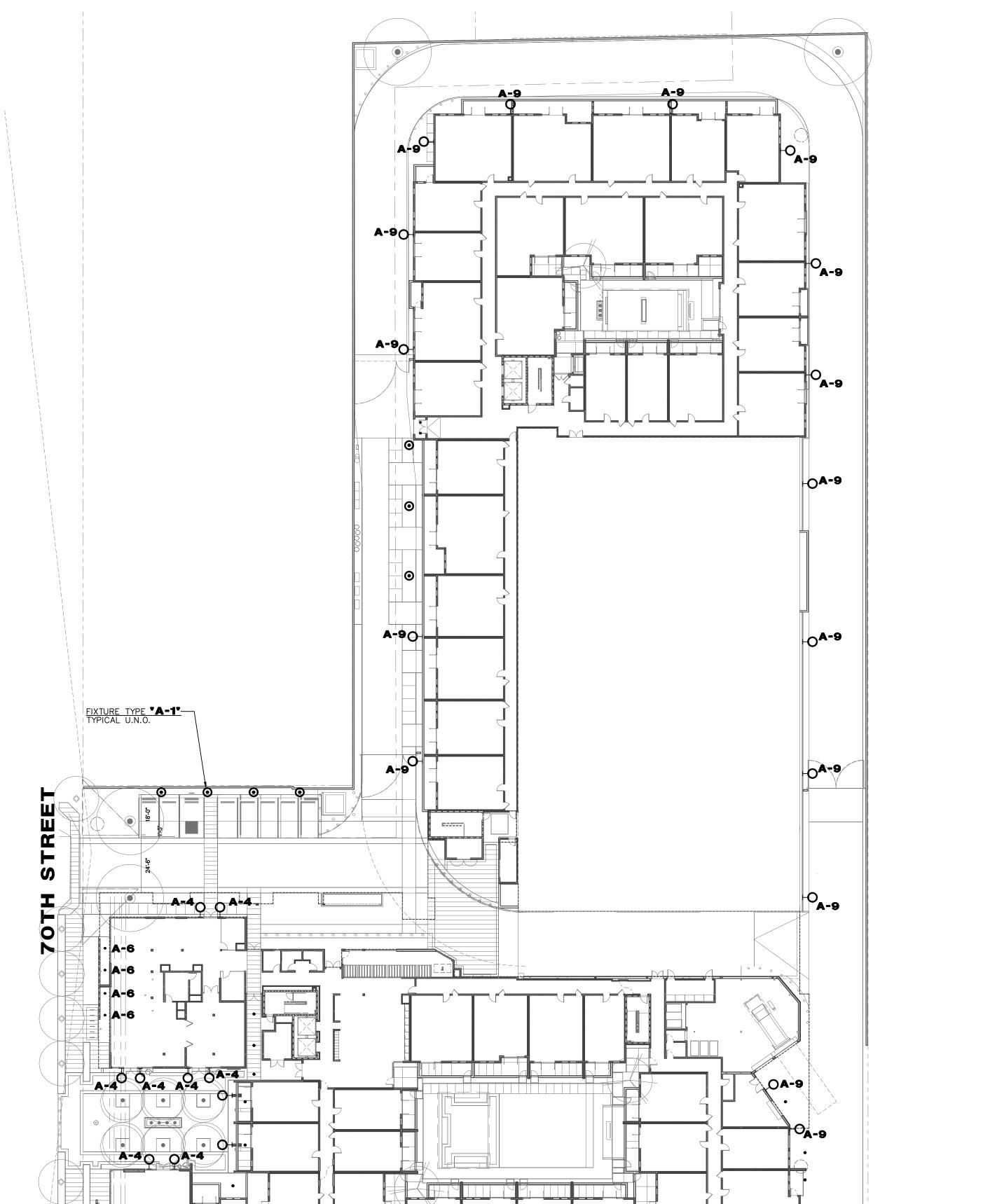


PROFESSIONAL ENGINEER AND CONSTRUCTED PER STRUCTURAL ENGINEERS SEALED CONSTRUCTION DOCUMENT.

NOTE: ELECTRICAL CONTRACTOR SHALL BOND METAL POLE PER NEC 410.30(B)(5) AS SHOWN IN DETAIL.



• A-6

A-6 A-6

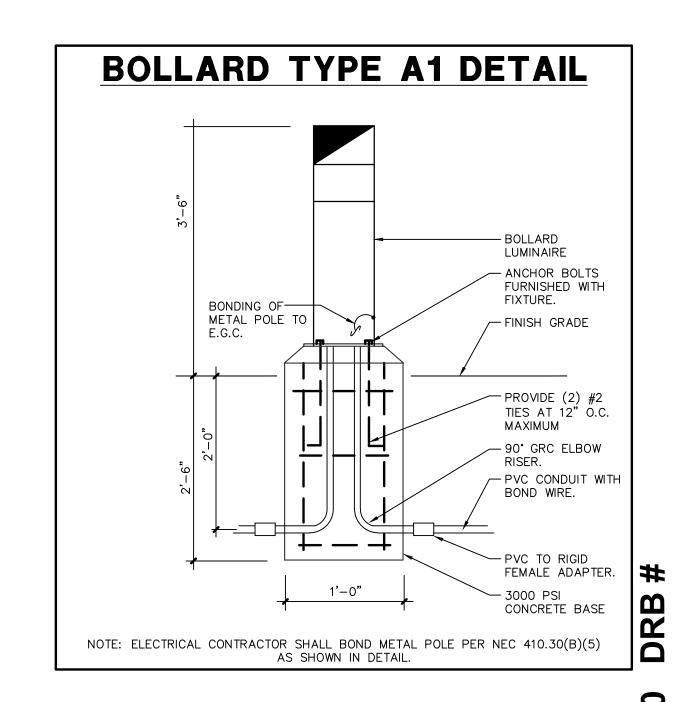
NORTH

MCDOWELL ROAD

## LUMINAIRE SCHEDULE

- PROVIDE 90 MINUTE EMERGENCY BATTERY BACK-UP FOR ALL EMERGENCY FIXTURES. SEE SCHEDULE BELOW FOR SPECIFICATIONS AND LUMEN REQUIREMENTS.
- 2. MODULAR WIRING SYSTEM FOR LIGHT FIXTURES IS AN ACCEPTABLE ALTERNATE.
- . BASE BID FOR LUMINAIRES SHALL BE BASED ON MANUFACTURERS LISTED IN CONTRACT DOCUMENTS. UPON AWARD OF PROJECT. ALTERNATES PROPOSED BY CONTRACTOR SHALL BE SUBMITTED <u>WITH WRITTEN OWNER APPROVAL & AN INTEMIZED DEDUCT TO BASE BID</u>.
- 4. ALTERNATE FIXTURE SELECTIONS MAY REQUIRE ADDITIONAL TIME FOR SUBMITTAL REVIEW & POSSIBLE ENGINEERING DESIGN CHANGES, TO BE BILLED TO THE CONTRACTOR.
- 5. PROVIDE MINIMUM 10 MINUTE TIME DELAY ON EMERGENCY FIXTURES WHEN HID AREA LIGHTING IS USED.

MARK	MANUFACTURER MODEL NUMBER	VOLTS	LAMPS CRI/CCT INPUT WATTS	REMARKS/MOUNTING
A1	LIGMAN CO-10127-W30	MVOLT	LED 38.9 WATTS	BOLLARD LIGHT FIXTURE.
<b>A</b> 2	MP LIGHTING L600-13W30SWS-MA	MVOLT	LED 13.0 WATTS	6" ROUND WET LOCATION SURFA DOWNLIGHT.
A4	LIGMAN LEW-30011-W-W30	MVOLT	LED 13.8 WATTS	WALL PACK FIXTURE MOUNTED A 8'-0" AFG
<b>A</b> 5	WE-EF USA 131-9960	MVOLT	LED 8.5 WATTS	WALL PACK FIXTURE MOUNTED A 3'-0" AFG
A7	BK LIGHTING RM-5-MM-LED-E70 MFL-BZW-12-11-E	MVOLT	LED 6.77 WATTS	WET LOCATION LIGHT FIXTURE MOUNTED IN TREE AT +10'-0" A
<b>A9</b>	LIGMAN LEW-30011-T3-W30	MVOLT	LED 13.8 WATTS	WALL PACK FIXTURE MOUNTED A 8'-0" AFG
<b>G1</b>	BEACON PRODUCTS SRT2-85-4K7-5RW UNV-GT	MVOLT	LED 87.2 WATTS	GARAGE LIGHT FIXTURE SURFAC MOUNTED AT +10'-0" AFF.
SA	US ARCHITECTURAL RZR-PT2-PLED-VSQ W-40LED-350MA-NW	MVOLT	LED 85.4 WATTS	DOUBLE LUMINAIRE POLE LIGHT FIXTURE AT GARAGE ROOF.



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McD

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Scottsdale, AZ 85254 Attn: Jeff Brand

April 29, 2021

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> Project No. 319084

DR-110 **ELECTRICAL SITE** 

LIGHTING PLAN

Project Contact/Designer: RANDY GROTHAUS HAWKINS DESIGN GROUP INC. ELECTRICAL CONSULTING ENGINEERS

PRELIMINARY

NOT FOR CONSTRUCTION

IECC<sub>1</sub> 2018 NEC: 2017

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**ELECTRICAL SITE LIGHTING PLAN** SCALE: 1" = 30'-0"

SCALE: 3/32" = 1'-0"

PLAN NORTH **NELSEN** PARTNERS

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> Project No. 319084

DR-111

ELECTRICAL GARAGE

LIGHTING PLAN -**GROUND LEVEL** 

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DESIGN CODES IECC<sub>1</sub> 2018 NEC: 2017

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Project Contact/Designer: RANDY GROTHAUS HAWKINS DESIGN GROUP NC.

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**PRELIMINARY** 

NOT FOR CONSTRUCTION

ELECTRICAL GARAGE LIGHTING PLAN - ROOF

SCALE: 3/32" = 1'-0"

PLAN NORTH

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**ARCHITECT** 

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Project No. 319084

DR-112

ELECTRICAL GARAGE

LIGHTING PLAN -

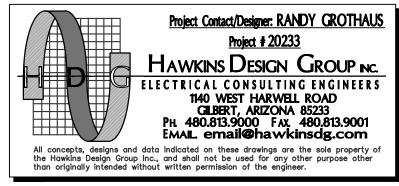
ROOF

**PRELIMINARY** NOT FOR CONSTRUCTION DESIGN CODES

IECC<sub>1</sub> 2018

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NEC: 2017



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Project Contact/Designer: RANDY GROTHAUS

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# # DRB 5-ZN-2020 2020

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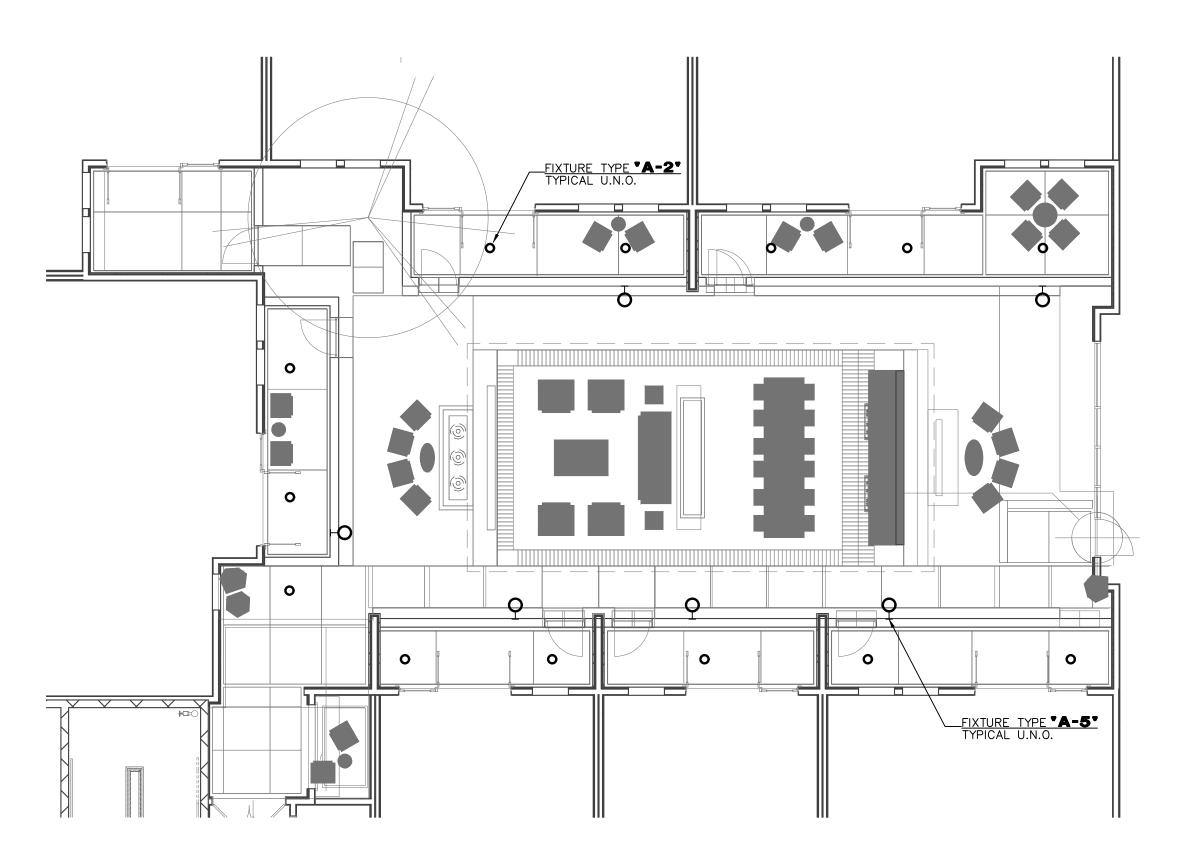
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Project No. 319084

DR-113

ELECTRICAL NORTH AMENITY AREA LIGHTING PLAN





**DESIGN CODES** IECC<sub>1</sub> 2018 NEC: 2017

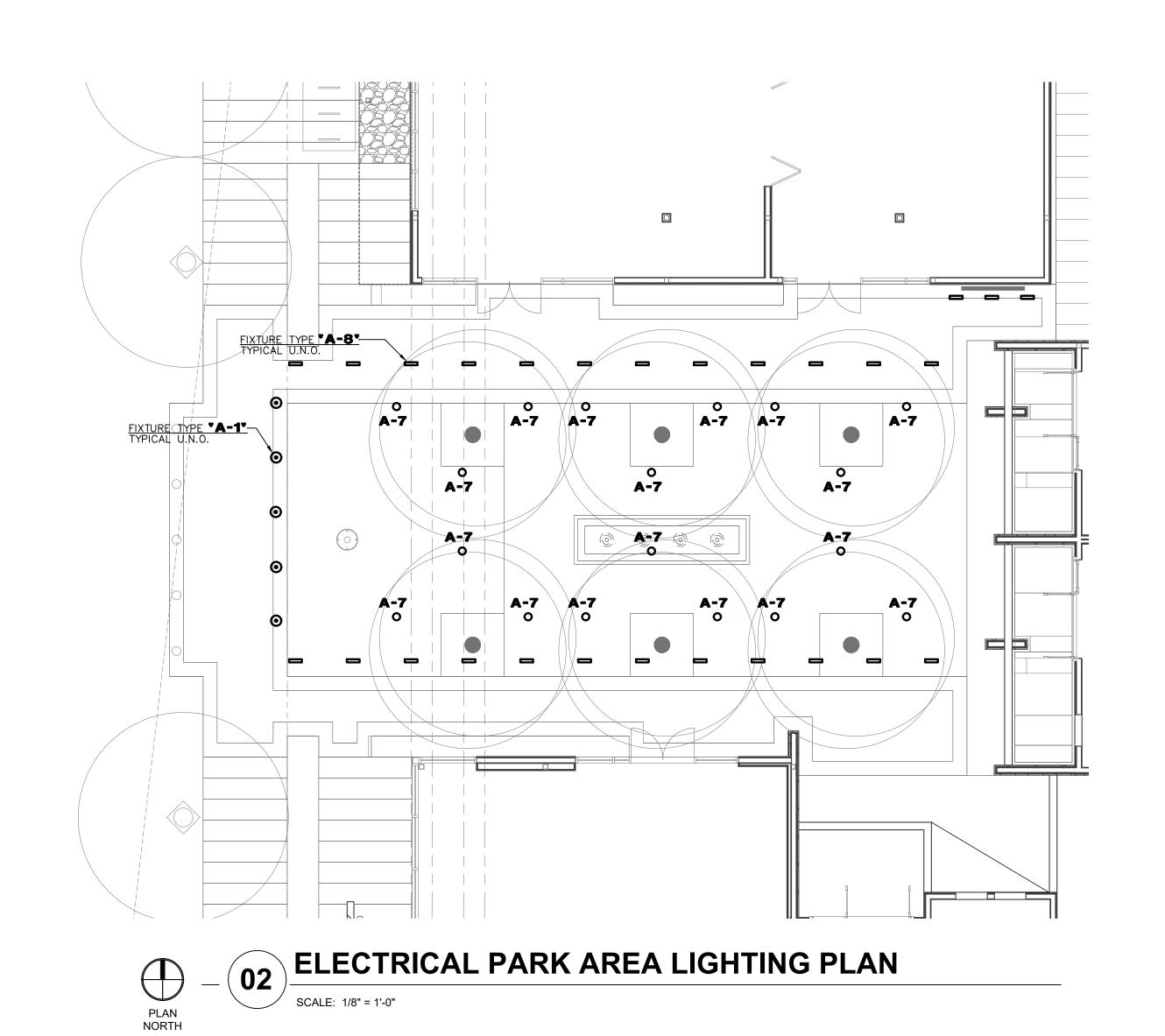
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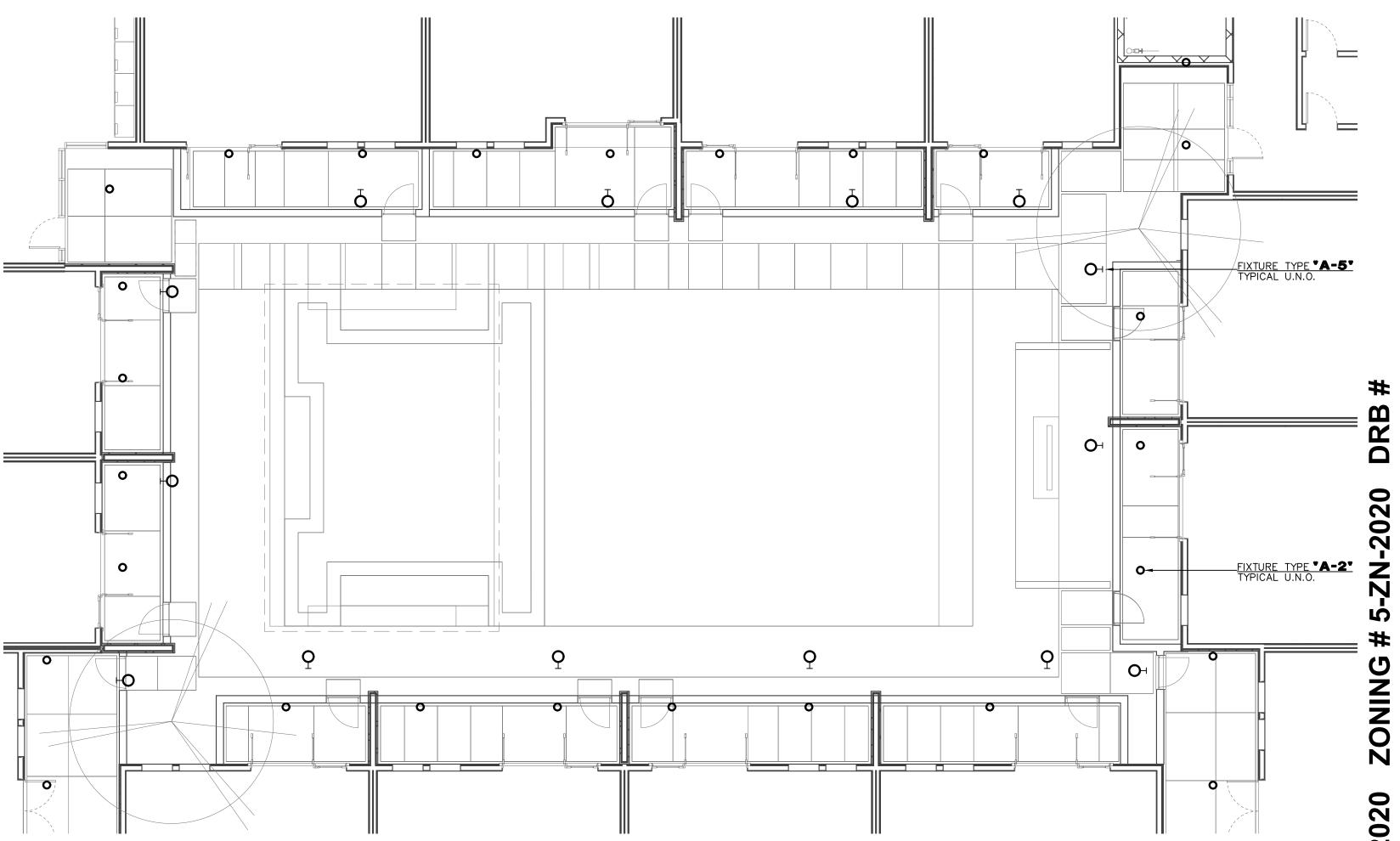
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McDOWEL

7000



SCALE: 1/8" = 1'-0"

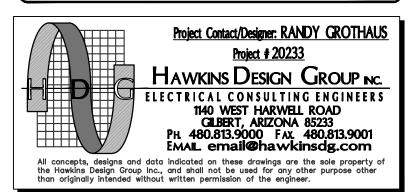


**ELECTRICAL SOUTH AMENITY AREA LIGHTING PLAN** SCALE: 1/8" = 1'-0" PLAN NORTH

> **PRELIMINARY** NOT FOR CONSTRUCTION

**DESIGN CODES** IECC<sub>1</sub> 2018 NEC: 2017

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Ste 160

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Commercial Developers 4700 S. McClintock Drive

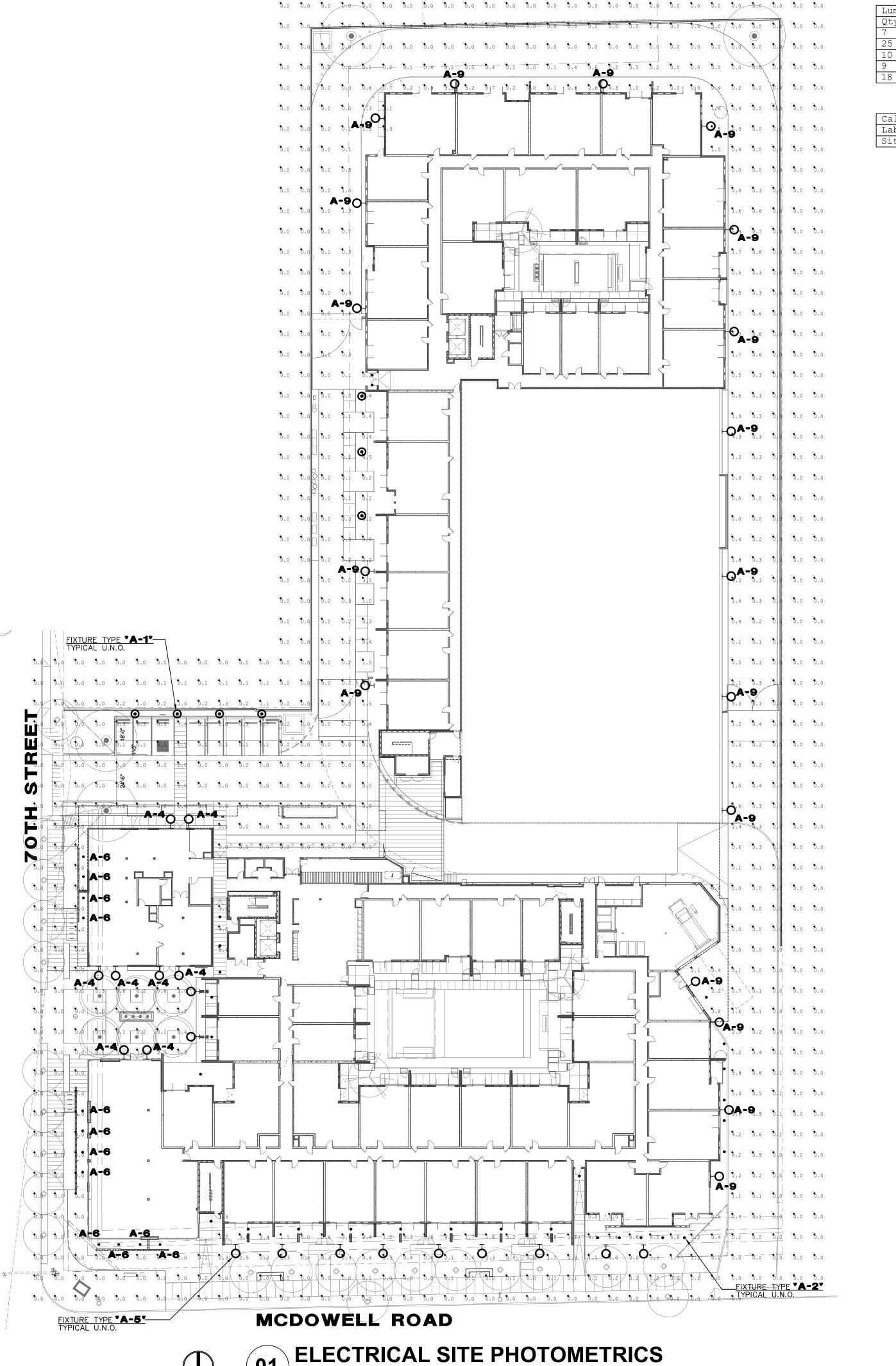
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> 319084 DR-114

ELECTRICAL SOUTH AMENITY AREAS LIGHTING PLAN



PLAN

Luminair	e Schedule								
Qty	Label	Symbol	Manufacturer	Description	Mtg Height	LLF	Lumens	Watts	Total Watt:
7	A-1	•	LIGMAN	CO-10127-W30	3'	1.000	983	38.9	272.3
25	A-2	•	MP LIGHTING	L600-13W30SWS-MA	10'	1.000	1061	13	325
10	A-4	Ю	LIGMAN	LEW-30011-W-W30	8'	1.000	1583	13.8	138
9	A-5	Ю	WE-EF USA	131-9960	3'	1.000	465	8.5	76.5
18	A-9	Ю	LIGMAN	LEW-30011-T3-W30	8'	1.000	1376	13.8	248.4

Calcul	ation Summary	У					
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/
Site	Illuminance	Fc	0.42	8.6	0.0	N.A.	N.A.

**NELSEN** PARTNERS ARCHITECTS & PLANNERS

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**McDOWE** 

#

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319084

DR-120 **ELECTRICAL SITE** PHOTOMETRICS

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**DESIGN CODES** 

IECC<sub>1</sub> 2018

BY ENGINEER, WILL REQUIRE REVISIONS TO PLANS AND POSSIBLE ADDITIONAL SERVICE

NEC: 2017

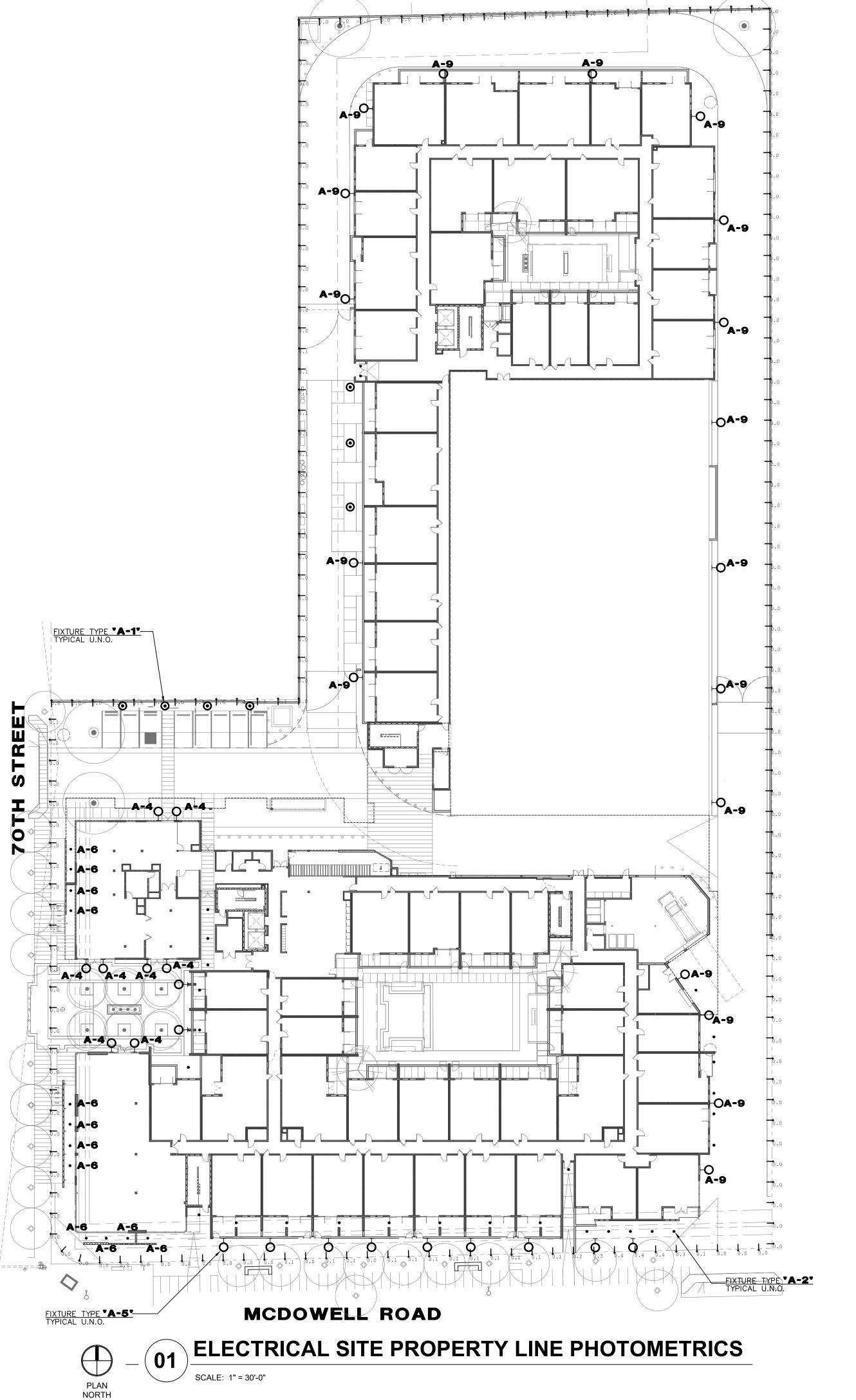
Project Contact/Designer: RANDY GROTHAUS HAWKINS DESIGN GROUP INC.

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Label Manufacturer Description O-10127-W30 MP LIGHTING L600-13W30SWS-MA 10' A-2 1.000 1583 13.8 138 LIGMAN LEW-30011-W-W30 8' A-4 131-9960 1.000 465 8.5 76.5 1.000 1376 13.8 248.4 A-9 LEW-30011-T3-W30 8'

Calculation Summary

Label CalcType Units Avg Max Min Avg/Min Max/Min Property Line 6' Vertical Illuminance Fc 0.04 0.6 0.0 N.A. N.A.

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McDOWEL

# Tempe, AZ 85282

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Project No. 319084

**DR-121** 

ELECTRICAL SITE PROPERTY LINE PHOTOMETRICS

Project Contact/Designer: RANDY GROTHAUS

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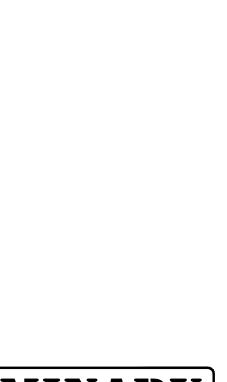
FROM THIS SET OF ELECTRICAL DESIGN PLANS. ANY CHANGES TO THE DESIGN, IF APPROVED

NEC: 2017

IECC<sub>1</sub> 2018

Lumi	naire S	chedule							
Qty	Label	Symbol	Manufacturer	Description	Mtg Height	LLF	Lumens	Watts	Total Watt
16	G1	<b>©</b>	Beacon Products	SRT2-85-4K7-5RW-UNV-GT	10'	0.950	8967	87.2	1395.2

		Calculation Su	mmary						
		Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Mir
FIXTURE TYPE *G1* TYPICAL U.N.O.	4.1 3.1 3.7 4.3 3.6 2.6 1.9	Level 1_Floor	Illuminance	Fc	4.57	10.3	1.4	3.26	7.36
1.4 1.9 3.0 4.8 6.7 6.8 4.0 5.4 7.4 6.1 4.2 3.0 2.6 2.8 3.7 5.4	7.0 6.4 3.6 5.7 6.9 5.3 3.4 2.3								
1.6 2.2 3.6 6.0 5.1 8.9 5.5 10.3 7.7 5.0 3.4 2.9 3.2 4.3 6.7	9.7     8.1       6.5     9.8       6.9     4.2       2.7								
1.7 2.2 3.6 5.8 8.5 8.5 3.4 5.8 9.5 7.4 4.9 3.5 3.0 3.3 4.4 6.5	8.9 7.7 3.1 6.8 9.1 6.6 4.2 2.8								



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Attn: Jeff Brand

April 29, 2021

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> > 319084

**DR-122 ELECTRICAL GARAGE** PHOTOMETRICS -

**GROUND LEVEL** 

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**ELECTRICAL GARAGE PHOTOMETRICS - GROUND LEVEL** SCALE: 3/32" = 1'-0" PLAN NORTH

1.7 2.1 2.8 3.8 4.6 4.2 3.5 3.8 4.7 4.4 3.6 2.9 12.1 2.7 3.4 4.2 4.7 4.1 3.5 3.9 4.6 4.1 3.2 2.4

 $\frac{1}{1.7}$   $\frac{1}{2.2}$   $\frac{1}{2.9}$   $\frac{1}{4.0}$   $\frac{1}{4.9}$   $\frac{1}{4.6}$   $\frac{1}{4.0}$   $\frac{1}{4.6}$   $\frac{1}{4.5}$   $\frac{1}$ 

1.8 2.3 3.3 5.1 6.9 6.9 4.0 5.5 7.4 6.1 4.2 1.7

1.8 2.2 3.2 4.6 6.1 5.8 3.9 4.9 6.4 5.4 4.0 \$ 0 1.m 2.6 3.5 4.9 6.2 5.5 3.8 5.2 6.3 5.1 3.7 2.7 m

1.7 2.2 3.0 4.0 4.9 4.6 3.6 4.0 5.0 4.6 3.6 2.8 1.8 1.8 2.5 3.2 4.3 5.0 4.4 3.6 4.1 5.0 4.4 3.3 2.6

 $\frac{1.8}{1.8}$   $\frac{2.3}{3.4}$   $\frac{4.9}{5}$ .1  $\frac{4.9}{5}$ .0  $\frac{4.0}{5}$ .4  $\frac{4.0}{5}$ .4  $\frac{4.3}{6}$ .1  $\frac{4.3}{1}$   $\frac{$ 

1.8 2.5 3.8 6.2 9.3 9.0 6 5.5 10.3 7.7 4.9 3.4 1.9 2.9 4.2 6.7 9.7 8.1 68 6.7 10.0 7.2 4.5 3.0

1.7 2.2 2.9 3.9 4.6 4.2 3.5 3.8 4.6 4.3 3.5 1.8 1.7 1.7 1.8 1.7 1.8 1.7 1.9

1.8 2.3 3.4 5.1 6.9 6.9 4.0 5.4 7.4 6.1 4.3 3.1 1.8 2.7 3.7 5.5 7.1 6.6 3.8 6.0 7.3 5.8 3.9 2.8

1.9 2.5 3.8 6.2 9.3 9.0 5.5 10.3 7.7 4.9 3.4 1 2.9 4.2 6.7 9.7 8.1 8 6.7 10.0 7.2 4.5 3.0 PARKING LYL 01 1.8 2.9 4.1 6.4 9.0 7.6 3.1 6.9 9.1 6.8 4.3 3.0

<del>-1.8 2.2 3.0 4</del>.0 4.9 4.6 3.6 4.0 5.0 4.6 3.6 2.9 | 1.7 2.5 3.2 4.3 5.0 4.4 3.6 4.1 5.0 4.4 3.4 2.6

 $\parallel 1.9$  2.4 3.7 5.9 8.6 8.5 3.4 5.8 9.4 7.2 4.7 3 | 3 | 1.9

 $\|1.8 \quad 2.2 \quad 2.9 \quad 3.9 \quad 4.6 \quad 4.2 \quad 3.5 \quad 3.8 \quad 4.6 \quad 4.3 \quad 3.5 \quad 2.8 \quad |1.7 \quad 2.5 \quad 3.2 \quad 4.1 \quad 4.6 \quad 4.1 \quad 3.4 \quad 3.9 \quad 4.6 \quad 4.2 \quad 3.2 \quad 2.5 \quad 3.8 \quad 4.6 \quad 4.2 \quad 3.2 \quad 3.8 \quad 4.6 \quad 4.2 \quad 3.2 \quad 3.8 \quad 4.6 \quad 4.2 \quad 3.8 \quad 4.8 \quad 4.$ 

1.8 2.3 3.2 4.7 6.1 5.8 4.0 4.8 6.4 5.5 4.0 1.0 1.8 2.7 3.5 1.8 1.0 1.8 1.0 1.8 1.0

 $1. \sqrt{2} \sqrt{2} \sqrt{2} \sqrt{3} \cdot 9 \sqrt{4} \cdot 6 \sqrt{4} \cdot 2 \sqrt{3} \cdot 5 \sqrt{4} \cdot 6 \sqrt{4} \cdot 3 \sqrt{4} \cdot 6 \sqrt{4} \cdot 3 \sqrt{2} \cdot 8 \sqrt{4} \cdot 6 \sqrt{4} \cdot 1 \sqrt{2} \cdot 5 \sqrt{3} \cdot 2 \sqrt{4} \cdot 1 \sqrt{4} \cdot 6 \sqrt{4} \cdot 1 \sqrt{3} \cdot 9 \sqrt{4} \cdot 6 \sqrt{4} \cdot 1 \sqrt{2} \cdot 5 \sqrt{3} \cdot 2 \sqrt{4} \cdot 1 \sqrt{4} \cdot 6 \sqrt{4} \cdot 1 \sqrt{3} \cdot 9 \sqrt{4} \cdot 6 \sqrt{4} \cdot 1 \sqrt{2} \cdot 5 \sqrt{3} \cdot 2 \sqrt{4} \cdot 1 \sqrt{4} \cdot 6 \sqrt{4} \cdot 1 \sqrt{2} \cdot 6 \sqrt$ 

1.7 2.2 3m3 ∰4.1 4.9 4.6 3.6 4.0 5.0 4.6 3.6 1∥9 ∐1.∭ 2.6 3.2 4.3 5.0 4.4 3.6 4.2 5.0 4.4 3.3 2.6∥

<u>.8 2.3 3.4 5</u>.1 6.9 6.9 3.9 5.4 7.4 6.1 4.3 3.1 1.8 2.7 3.7 5.4 7.1 6.6 3.7 5.9 7.3 5.8 3.9 2.8

1.9 2.5 3.9 6.1 5.3 5.0 6.7 5.5 10.3 5.7 4.9 3.3 1.9 2.9 4.2 6.7 5.7 8.0 67 6.7 10.0 5.2 4.5 3.0

1.9 2.5 3.8 6.1 5.3 5.0 5.5 10.2 7.7 4.9 3.4 1.2 2.9 4.2 6.7 5.7 8.1 8

1.8 2.2 2.9 3.9 4.6 4.2 3.5 3.8 4.6 4.3 3.5 2.8

1.8 2.3 3.4 5.1 6.9 6.9 3.9 5.4 7.4 6.1 4.3 3.1

1.9 2.5 3.8 6.2 9.3 9.0 5.5 10.3 1.7 1.9 1.9

1.8 2.3 3.2 4.7 6.1 5.8 3.9 4.9 6.3 5.5 4.0 3.0

1.8 2.9 4.1 6.4 5.0 7.6 3.1 6.9 5.1 6.8 4.3 3.0

1. 2.5 3.2 4.1 4.6 4.1 3.4 3.9 4.6 4.1 3.2 2.5

<u>i.8 2.8 3.7 5.4</u> 7.1 6.6 3.7 5.9 7.3 5.8 3.9 2.8<sub>m</sub>

2.7 3.5 5.0 6.3 5.5 3.8 5.2 6.3 5.2 3.7 2.7

1. 2.5 3.2 4.2 5.0 4.4 3.6 4.2 5.0 4.4 3.3 2.6

2.9 4.2 6.7 9.6 8.1

Symbol Manufacturer Description Mtg Height LLF Lumens Watts Total Watts
U.S. ARCHITECTURAL LIGHTING RZR-PT2-PLED-VSQ-W-40LED-350mA-NW 15' 1.000 6134 42.7 170.8 Label

Calculation Summary LabelCalcTypeUnitsAvgMaxMinAvg/MinMax/MinRoof Parking\_PlanarIlluminanceFc1.043.60.25.2018.00

				v •		•						
<b>†</b> 0.2	†.3	<b>†</b> 0.4	<b>†</b> 0.5	<b>†</b> .6	†o.6	<b>†</b> 0.6	<b>†</b> 0.6	<sup>†</sup> 0.5	<b>†</b> 0.4	<b>†</b> .3	<b>†</b> . 2	
<b>t</b> . 2	0.4	0.6	<b>†</b> 0.8	<b>†</b> .9	1.0	1.0	<b>†</b> . 9	<b>†</b> 0.7	<b>†</b> 0.6	0.4	<b>†</b> 0.2	
0.3	<u></u>		1.0	1.2	1.4	1.4	1.2	<b>†</b> 1.0	<b>†</b> 0.7	<u>†</u> 0.5	0.3	
<b>1 .</b> 3	<b>.</b> 5	<b>†</b> 0.8	<b>1.</b> 2	1.8	2 2	<sup>‡</sup> 2.2	<b>1.</b> 7	<b>†</b> 1.2	<b>†</b> 0.8	<del>†</del> .5	<b>+</b> 3	
<del>-</del> 0.3	<del>†</del> .6	<b>†</b> 0.9	<b>1.</b> 4 _	<b>†</b> 2.3	3.6	3.5 <b>3.</b> 5	<b>2.</b> 2	<b>†</b> .3	<b>†</b> 0.8	0.5	0.3	
0.4	0.6	७.9	<b>1.</b> 4 _	<b>†</b> 2.2	3.3	*3.2	<u> </u>	<b>1.</b> 3	<b>†</b> .9	0.6	0.3	
† · · 4			 1.3 =	1.8	+	- <del> </del>	<del></del>	1.3	0.9	0.6	<b>7</b> 0.4	
† † · 4	 †.6	<b>†</b> .9	<b>1.</b> 2 =	1.5		1.6	1.4	<b>†</b> .2	७.9	<b>†</b> 0.6	70.4	
† † · · 4	† .6	<sup>†</sup> 0.9	1.2	1.4	1 5	1.5	1.4	<b>†</b> 1.2	<b>†</b> 0.9	†o.6	<b>†</b> 0 . 4	
 † † · · · · · · · · · · · · · · · · · ·	†.6 ————————————————————————————————————	†.9 —	1.2	1.4	1 5	1.5	<u> </u>	<b>†</b> .2	<b>†</b> .9	†.6 	0.4	
† † · · 4	<b>0</b> .6	<sup>†</sup> 0.9	1.2	1.5	1 7	1.7	<b>1.</b> 5	<b>†</b> 1.2	<b>†</b> 0.9	0.6	<b>†</b> . 4	
† <u>† 4</u>	<u>†</u> .6	<b>†</b> .9	1.3	1.8	2 3	2.4	1.9	<b>†</b> 1.3	<b>†</b> 0.9		0.4	
† 3 · 3	<b>.</b> 5	<b>†</b> 0.9	<b>1.</b> 3	<b>†</b> 2.2	3,5	3.6 <b>3.</b> 6	<b>2.</b> 3	<b>†</b> 1.4	<b>†</b> 0.9	<del>†</del> .6	+3	
0.3	<del>*</del> 0.5		-1.3-	- <del>*</del> 2.1-				1.4	— <del>*</del> 0 <u>.</u> 9	0.6	<del>-</del> 0.3	
0.3	0.5	0.8	1.1 _	1.6	2.0	<u>+</u> 2.0	1.6	<b>†</b> .2	<b>†</b> 0.8	0.5	<del>-</del> 0.3	
<pre>†</pre>	† • 4	<b>†</b> 0.7	<b>†</b> 0.9 =	<del>†</del> 1.1	1.3	1.3	<del>1</del> .1	<b>†</b> 0.9	<b>†</b> 0.7	<b>†</b> 0.5	<b>†</b> 0.3	
0.2	<b>†</b> 0.4	<b>†</b> 0.5	<b>†</b> 0.7 =	<del>†</del> .8		0.9	0.8	<b>†</b> 0.7	<b>†</b> 0.5	<b>†</b> 0.4	<b>†</b> 0.2	

**ELECTRICAL GARAGE PHOTOMETRICS - ROOF** 

SCALE: 3/32" = 1'-0"

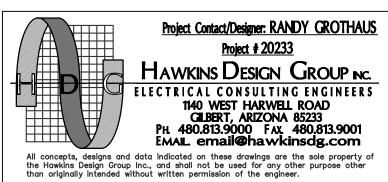
PLAN

NORTH

PRELIMINARY NOT FOR CONSTRUCTION

**DESIGN CODES** IECC<sub>1</sub> 2018 NEC: 2017

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-ZN-2020 Hawkins Companies Commercial Developers 4700 S. McClintock Drive Ste 160

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DRB

Tempe, AZ 85282 **ARCHITECT** Nelsen Partners 15210 N. Scottsdale Road Suite 300 Scottsdale, AZ 85254

April 29, 2021

Attn: Jeff Brand

2020

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Project No. 319084

DR-123

**ELECTRICAL GARAGE** PHOTOMETRICS -ROOF



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OWNER

Hawkins Companies Commercial Developers 4700 S. McClintock Drive Ste 160

**ARCHITECT** 

Nelsen Partners 15210 N. Scottsdale Road Suite 300 Scottsdale, AZ 85254 Attn: Jeff Brand

2020

April 29, 2021 22

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> Project No. 319084

DR-124 ELECTRICAL

NORTH AMENITY PHOTOMETRICS

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NOT FOR CONSTRUCTION

Project Contact/Designer: RANDY GROTHAUS

HAWKINS DESIGN GROUP NC.

ELECTRICAL CONSULTING ENGINEERS
1140 WEST HARWELL ROAD
CILBERT, ARIZONA 85233
PH 480.813.9000 FAX. 480.813.9001
EMAIL. email@hawkinsdg.com

**DESIGN CODES** 

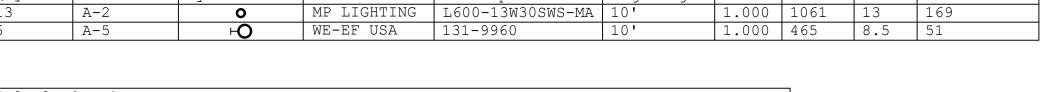
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BY ENGINEER, WILL REQUIRE REVISIONS TO PLANS AND POSSIBLE ADDITIONAL SERVICE FEE.

NEC: 2017

IECC<sub>1</sub> 2018



Mtg Height LLF Lumens Watts Total Watts

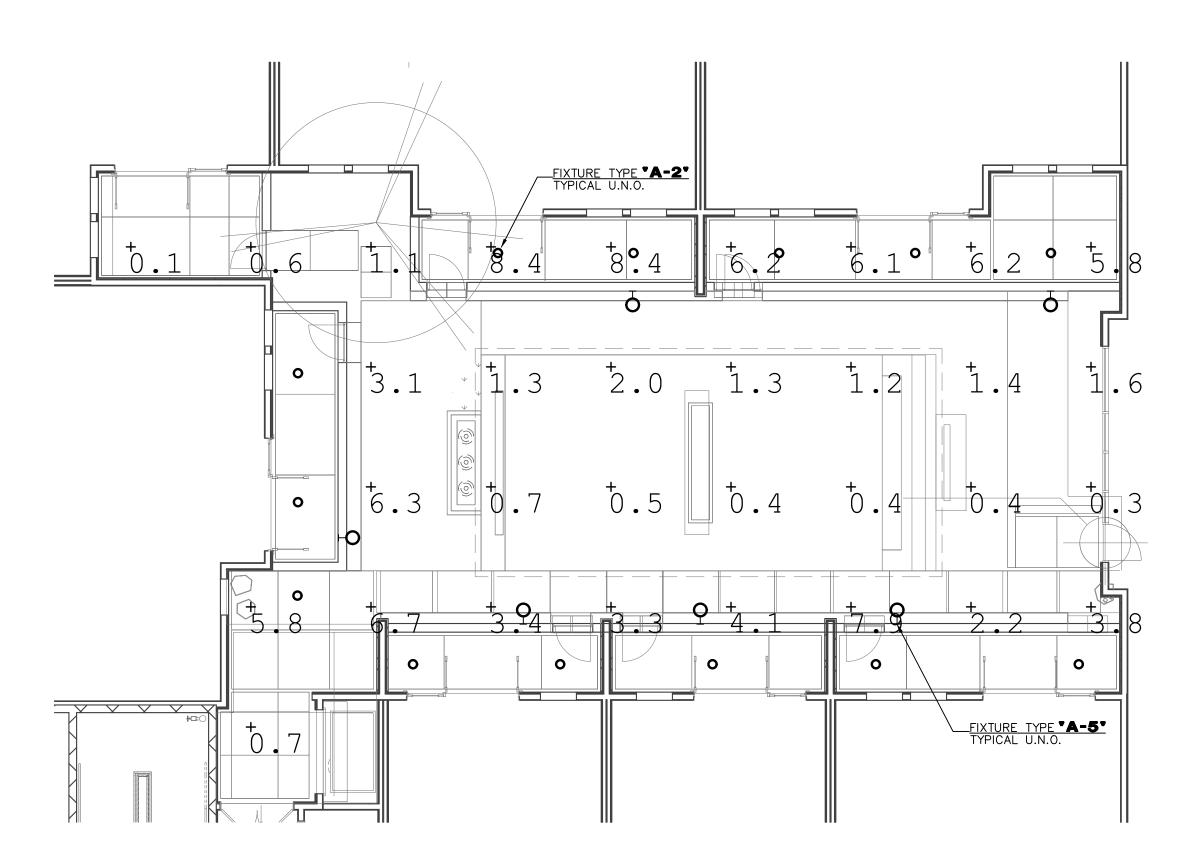
Calculation Summa	ry						
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
North Amenity Pla	nar Illuminance	Fc	3.18	8.4	0.1	31.80	84.00

Manufacturer Description

Luminaire Schedule

Label

Symbol





	ire Schedul		T				T	1	T
Qty	Label	Symbol	Manufacturer	Description	Mtg Height	LLF	Lumens	Watts	Total Watt
5	A-1	0	LIGMAN	CO-10127-W30	3'	1.000	983	38.9	194.5
27	A-2	0	MP LIGHTING	L600-13W30SWS-MA	10'	1.000	1061	13	351
14	A-5	Ю	WE-EF USA	131-9960	3'	1.000	465	8.5	119
18	A-7	0	B-K LIGHTING, INC.	RM - 5 - MM - LED - e70 - MFL - BZW - 12 - 11 - E	10'	1.000	458	6.77	121.86

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Public Pocket Park_Planar	Illuminance	Fc	1.99	8.2	0.0	N.A.	N.A.
South Amenity_Planar	Illuminance	Fc	3.19	9.8	0.1	31.90	98.00

NEL	SEN
PART	N E R S
ARCHITECTS	& PLANNERS

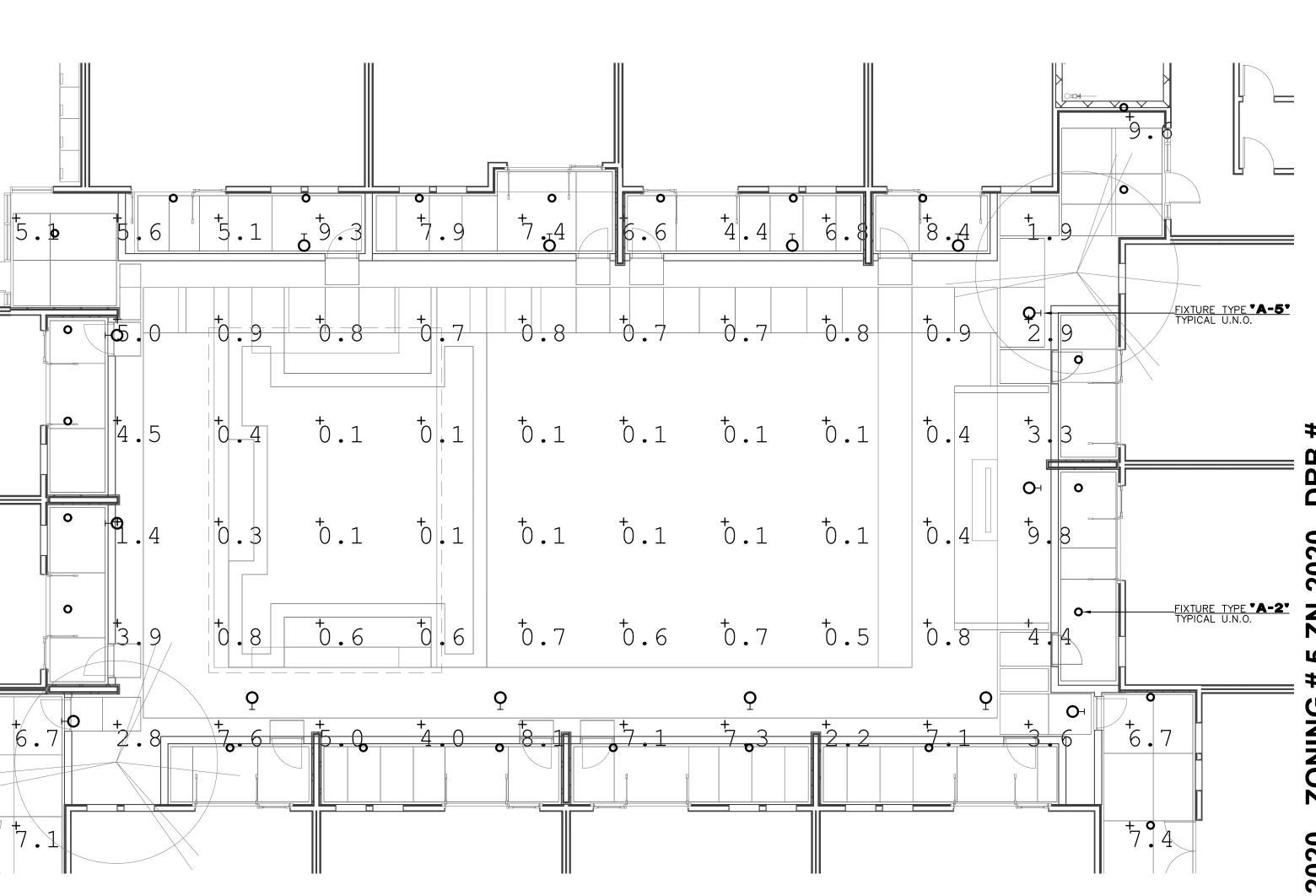
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**McDOWE** 



**ELECTRICAL SOUTH AMENITY PHOTOMETRICS** (01) SCALE: 1/8" = 1'-0" PLAN NORTH

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NEC: 2017

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Attn: Jeff Brand

**ARCHITECT** Nelsen Partners

Ste 160

Suite 300

Project No. 319084

DR-125

ELECTRICAL **SOUTH AMENITIES** PHOTOMETRICS

1.6 **6** 5.7 **6** 4.8 FIXTURE TYPE \*A-1\*
TYPICAL U.N.O. A-7 A-7 A-7 A-7 A-7 A+7 () 0.1

**ELECTRICAL PARK AREA PHOTOMETRICS** PLAN NORTH SCALE: 1/8" = 1'-0"

> **DESIGN CODES** IECC<sub>1</sub> 2018

Luminair	e Schedule								
Qty	Label	Symbol	Manufacturer	Description	Mtg Height	LLF	Lumens	Watts	Total Wat
5	A-1	0	LIGMAN	CO-10127-W30	3'	1.000	983	38.9	194.5
27	A-2	0	MP LIGHTING	L600-13W30SWS-MA	10'	1.000	1061	13	351
14	A-5	Ю	WE-EF USA	131-9960	3'	1.000	465	8.5	119
18	A-7	0	B-K LIGHTING, INC.	RM - 5 - MM - LED - e70 - MFL - BZW - 12 - 11 - E	10'	1.000	458	6.77	121.86
18	A-7	o o	B-K LIGHTING, INC.	RM - 5 - MM - LED - e70 - MFL - BZW - 12 - 11 - E	10'			6.77	121.86

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Property Line 6' Vertical	Illuminance	Fc	0.00	0.3	0.0	N.A.	N.A.

NEL	SEN
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ARCHITECTS	& PLANNERS

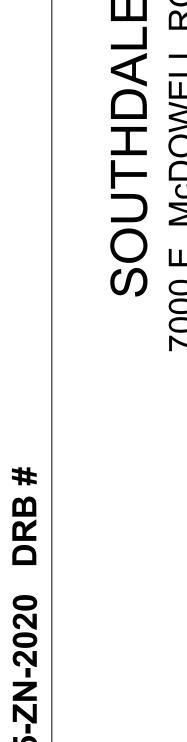
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**ARCHITECT** Nelsen Partners

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319084

DR-126 ELECTRICAL SOUTH AMENITIES PROPERTY LINE

PHOTOMETRICS

NOT FOR CONSTRUCTION Project Contact/Designer: RANDY GROTHAUS HAWKINS DESIGN GROUP INC.

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ELECTRICAL SOUTH AMENITY PROPERTY LINE PHOTOMETRICS

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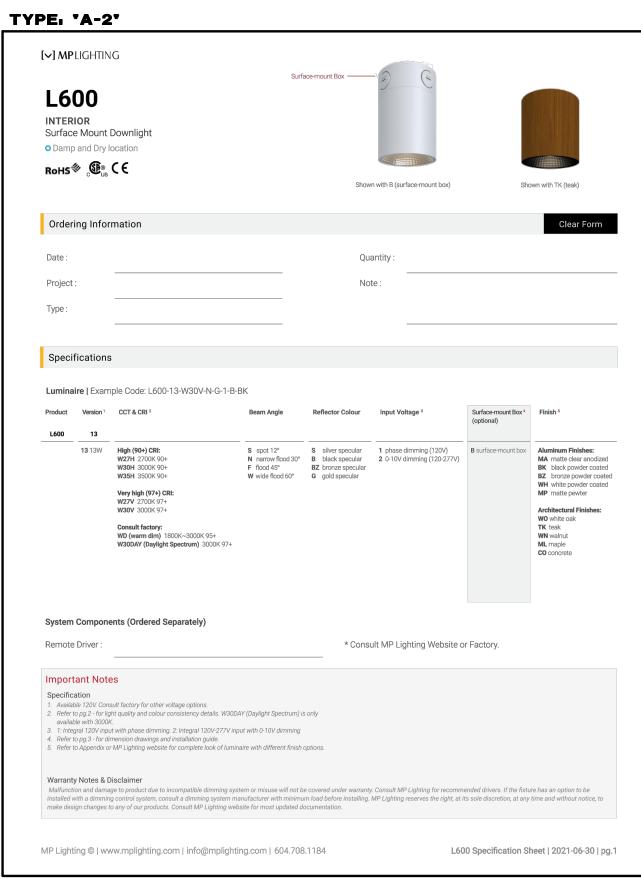
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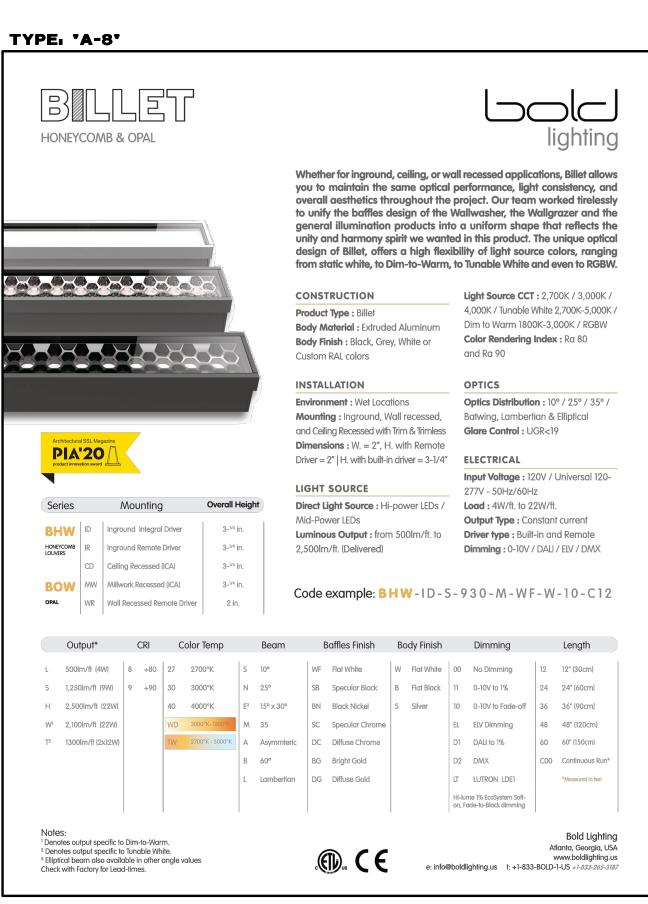
SCALE: 1/8" = 1'-0"

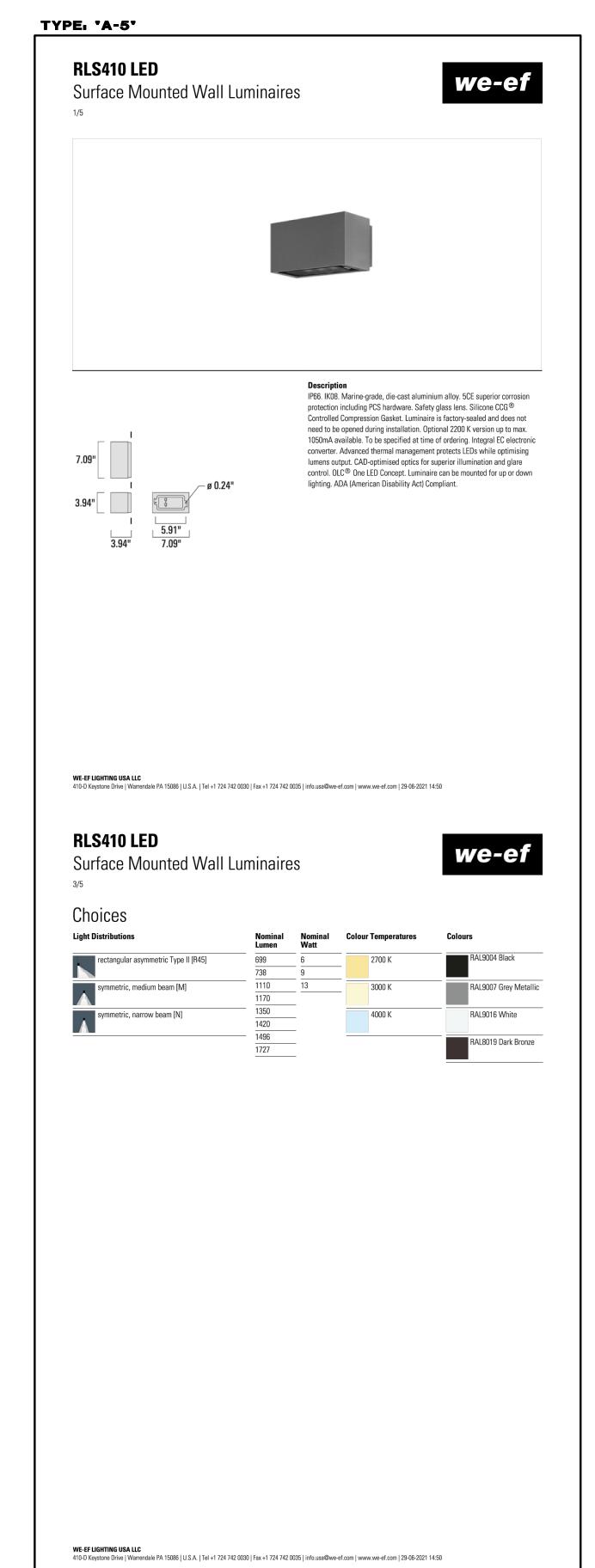
PLAN NORTH

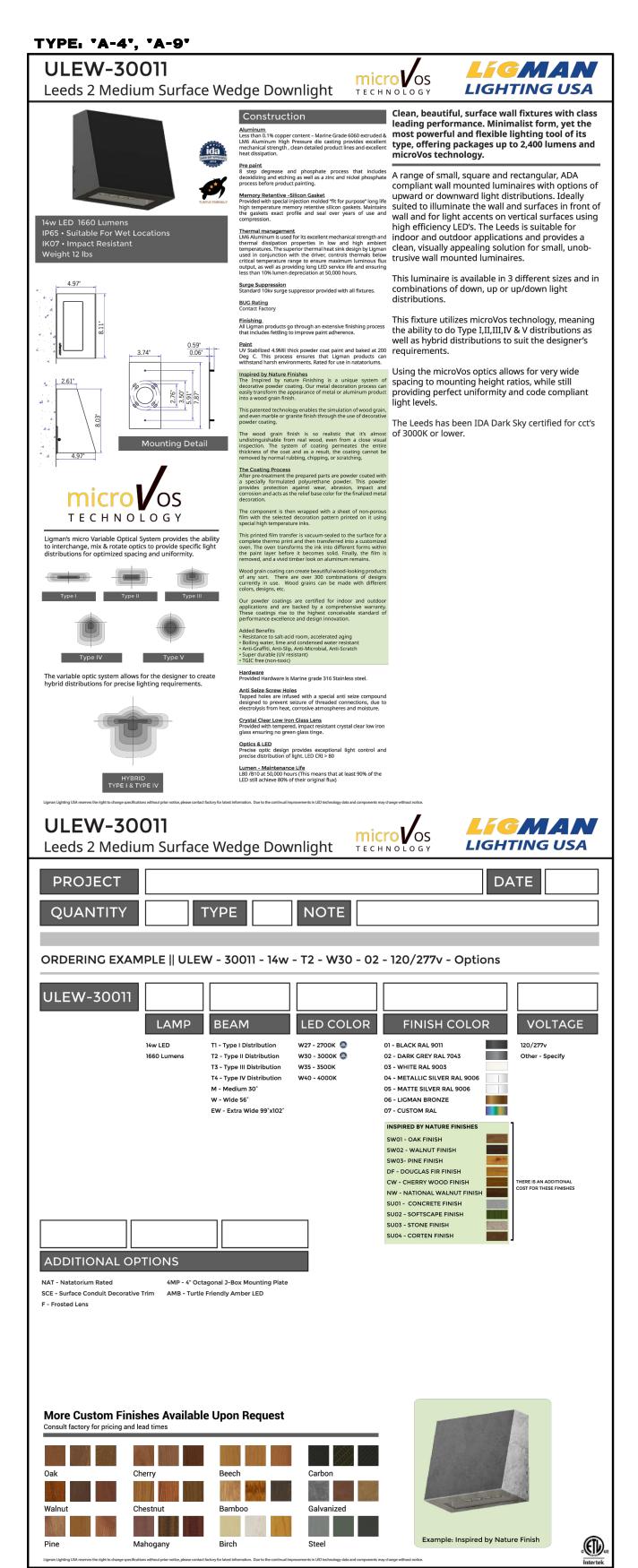
FIXTURE TYPE \*A-1\*
TYPICAL U.N.O. A-7 **△**A-7 A-7 **△ △ – 7** A-7 A-7 A-7 A-7 **A-7** 

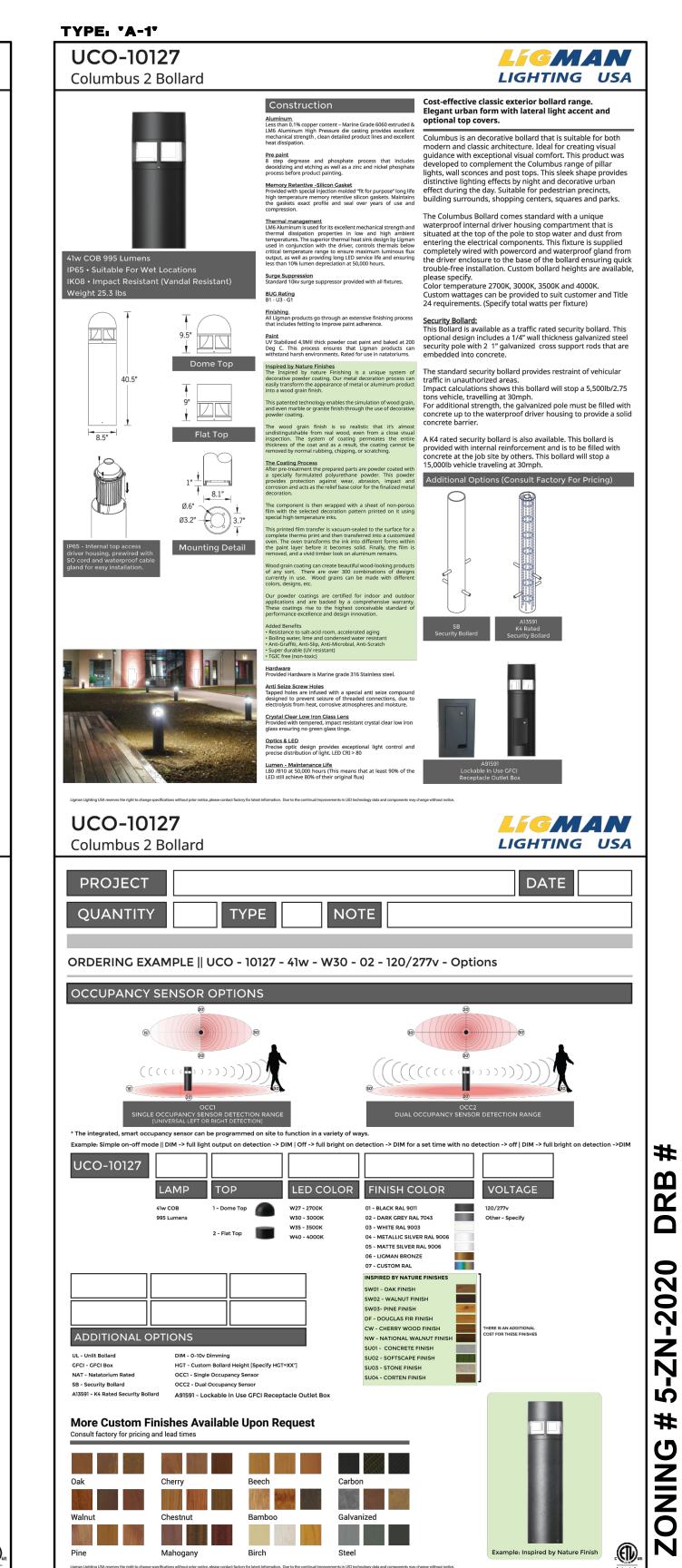
ELECTRICAL PARK AREA PROPERTY LINE PHOTOMETRICS PLAN NORTH SCALE: 1/8" = 1'-0"











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IECC<sub>1</sub> 2018

Project Contact/Designer: RANDY GROTHAUS Project # 20233 HAWKINS DESIGN GROUP INC. ELECTRICAL CONSULTING ENGINEERS 1140 WEST HARWELL ROAD GILBERT, ARIZONA 85233 Ph. 480.813.9000 Fax. 480.813.9001 EMAIL email@hawkinsdg.com All concepts, designs and data indicated on these drawings are the sole property of the Hawkins Design Group Inc., and shall not be used for any other purpose other than originally intended without written permission of the engineer.

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ARCHITECT Nelsen Partners 15210 N. Scottsdale Road Suite 300 Scottsdale, AZ 85254

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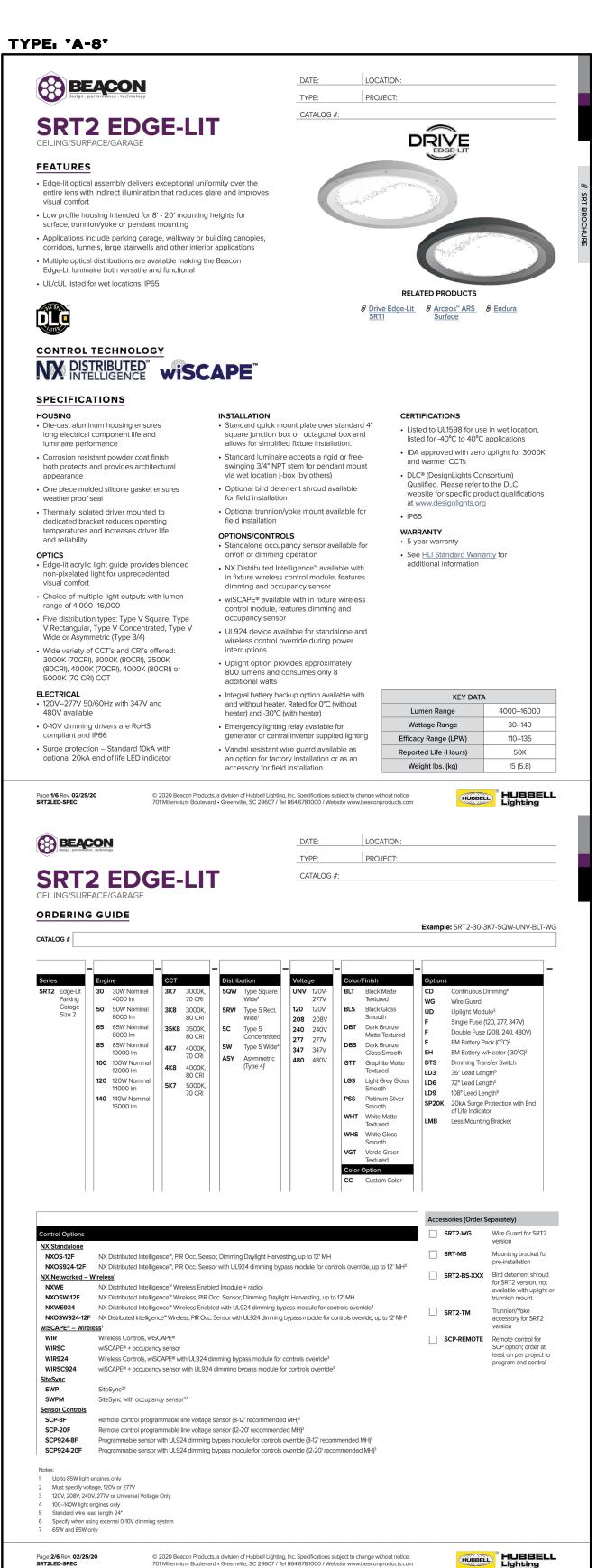
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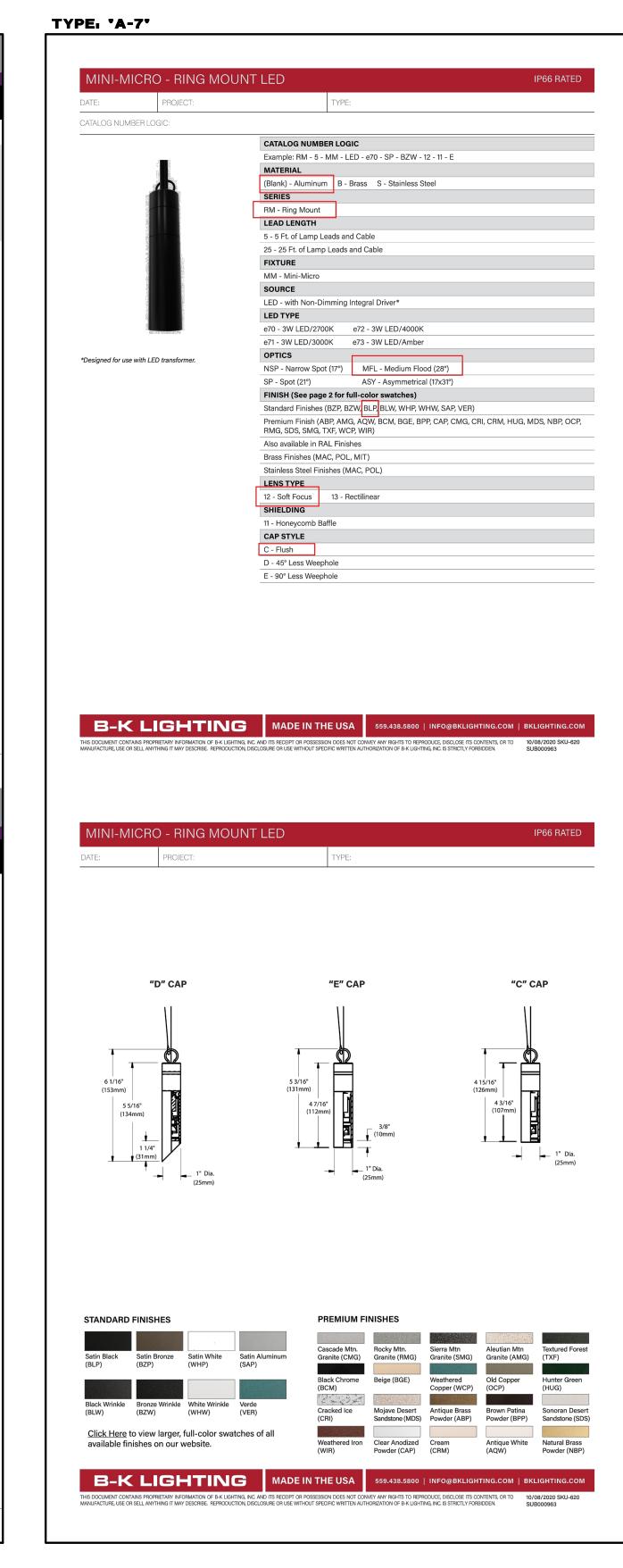
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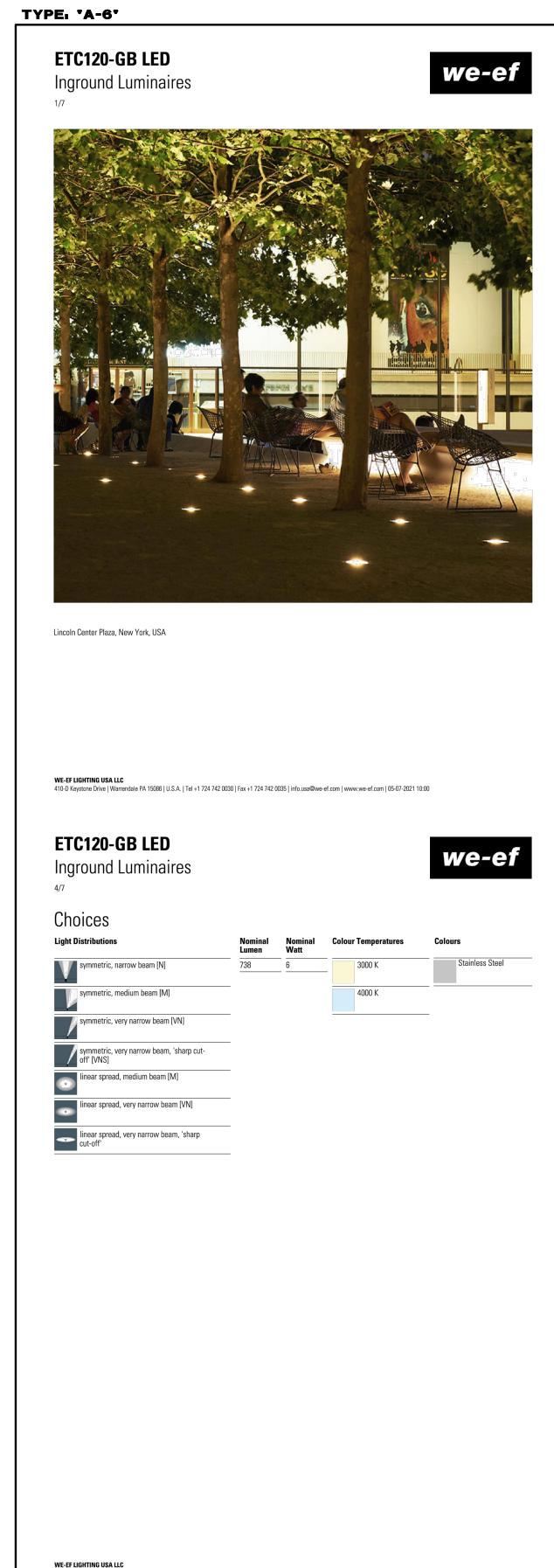
Project No. 319084

DR-150

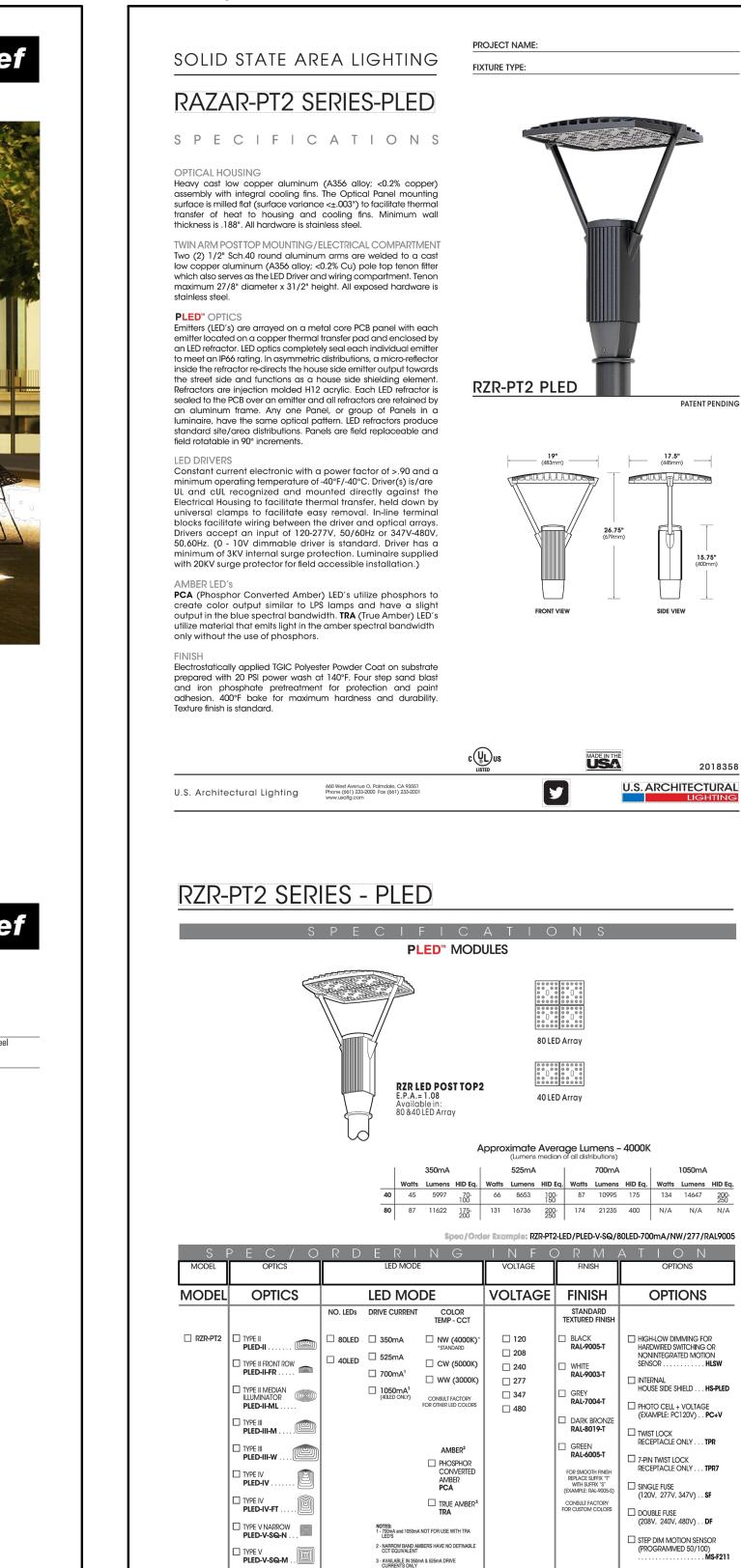
**ELECTRICAL CUT** SHEETS







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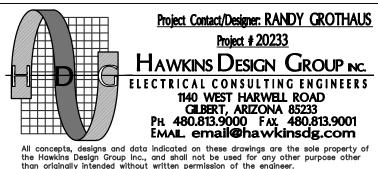
TYPE V
PLED-V-SQ-W ...

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**DR-151** 

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Attn: Jeff Brand

April 29, 2021

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