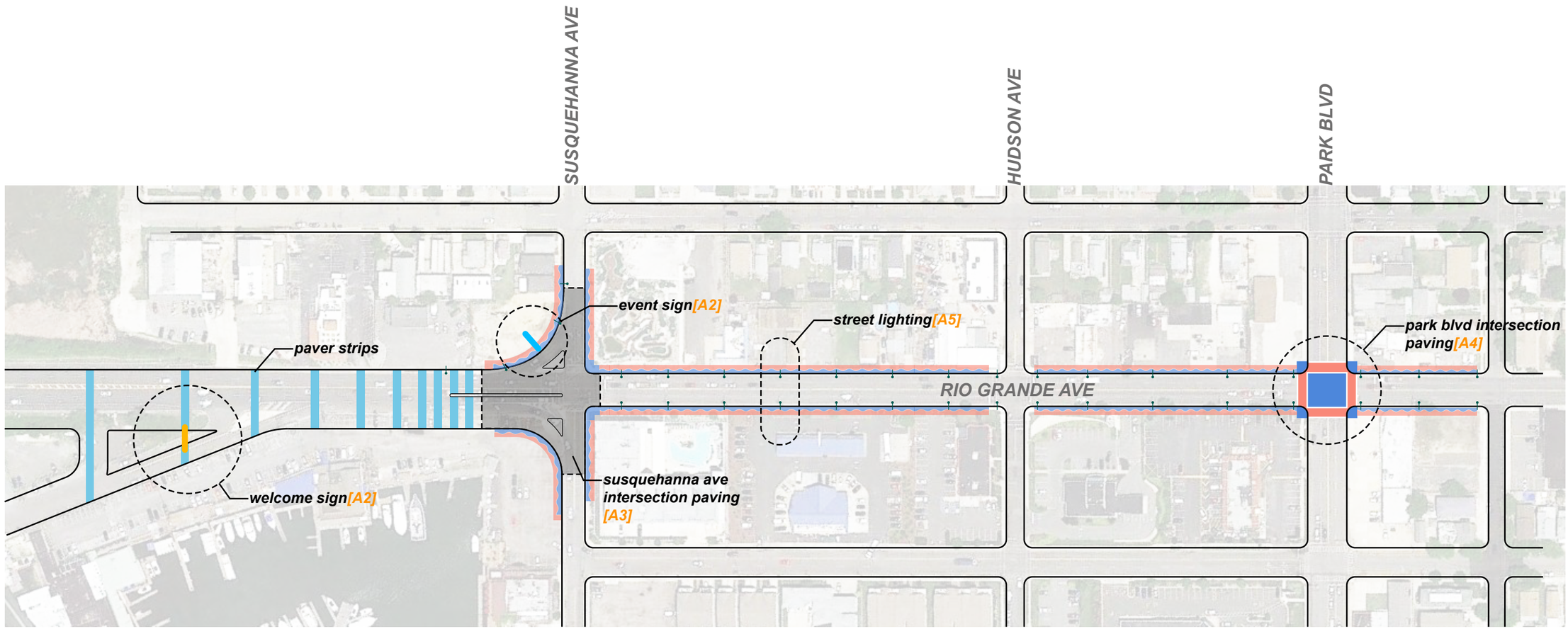

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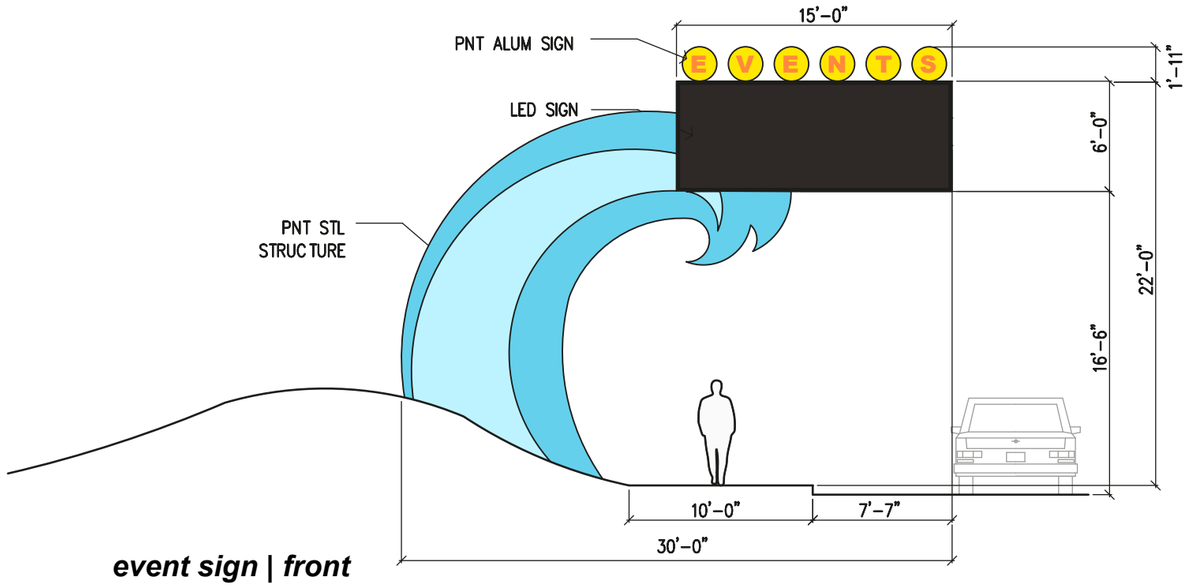
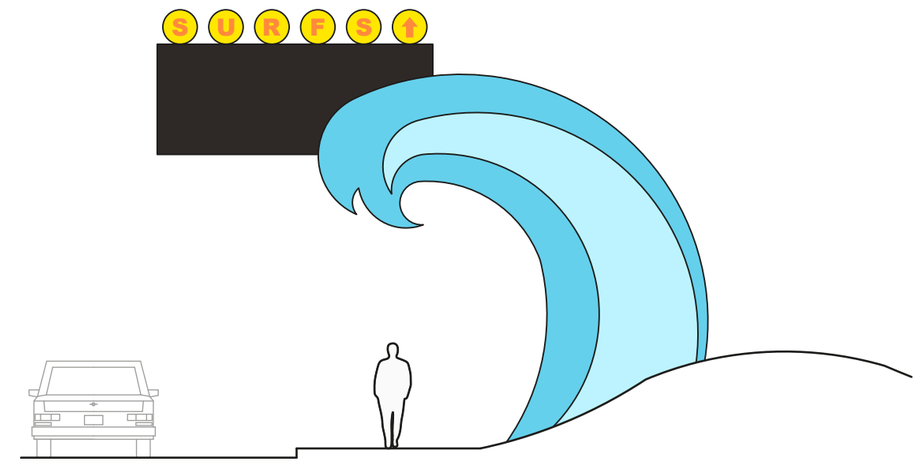
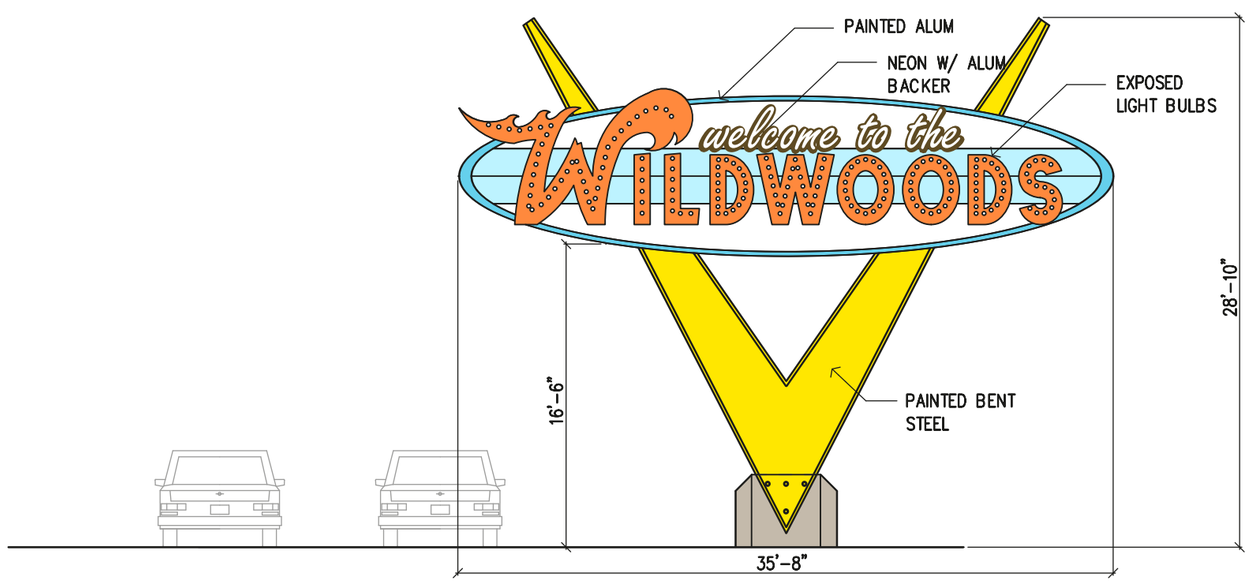
[A1]



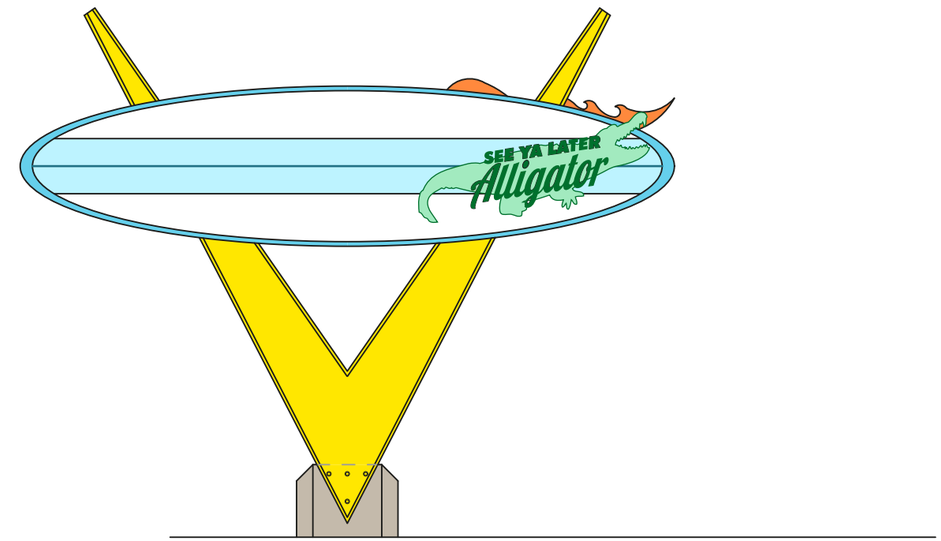
event sign | front



event sign | back



welcome sign | front



welcome sign | back

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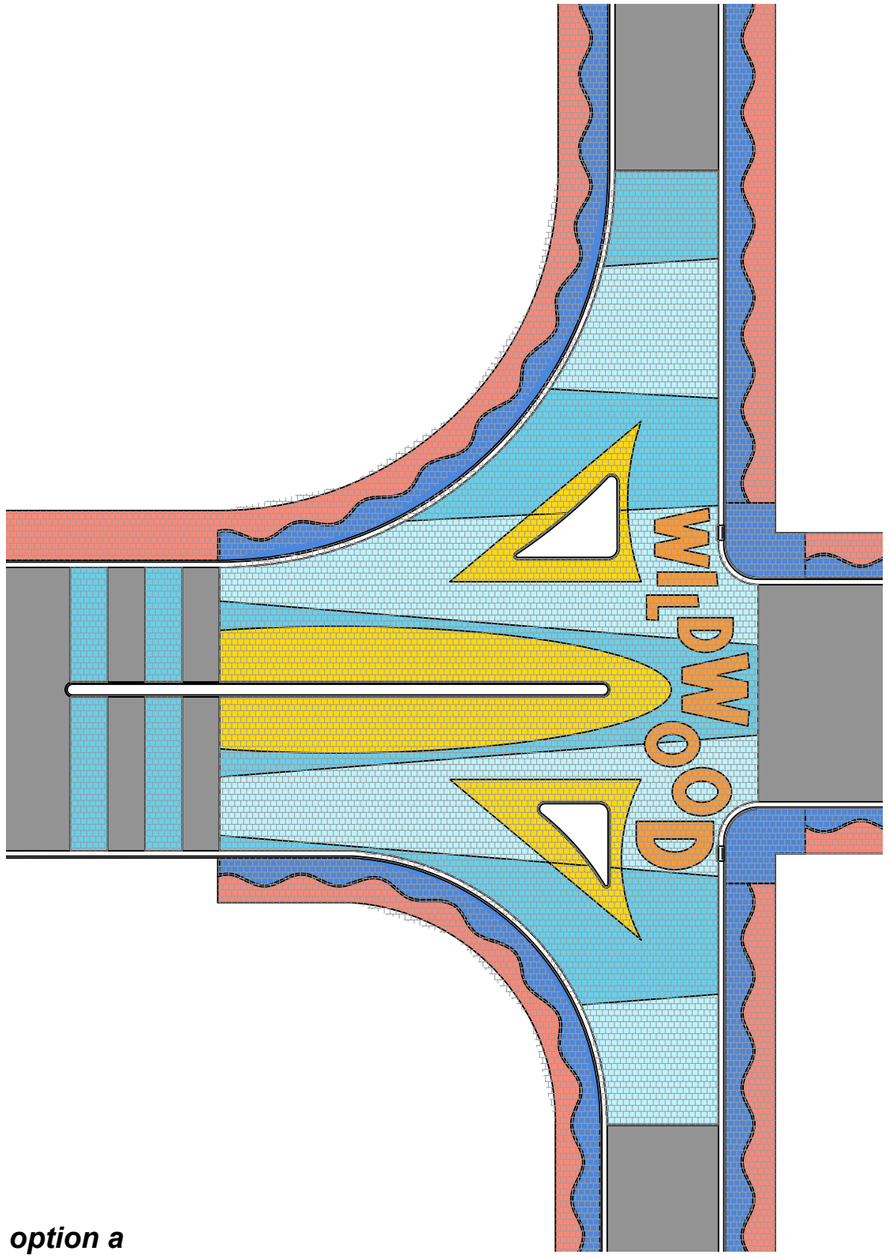
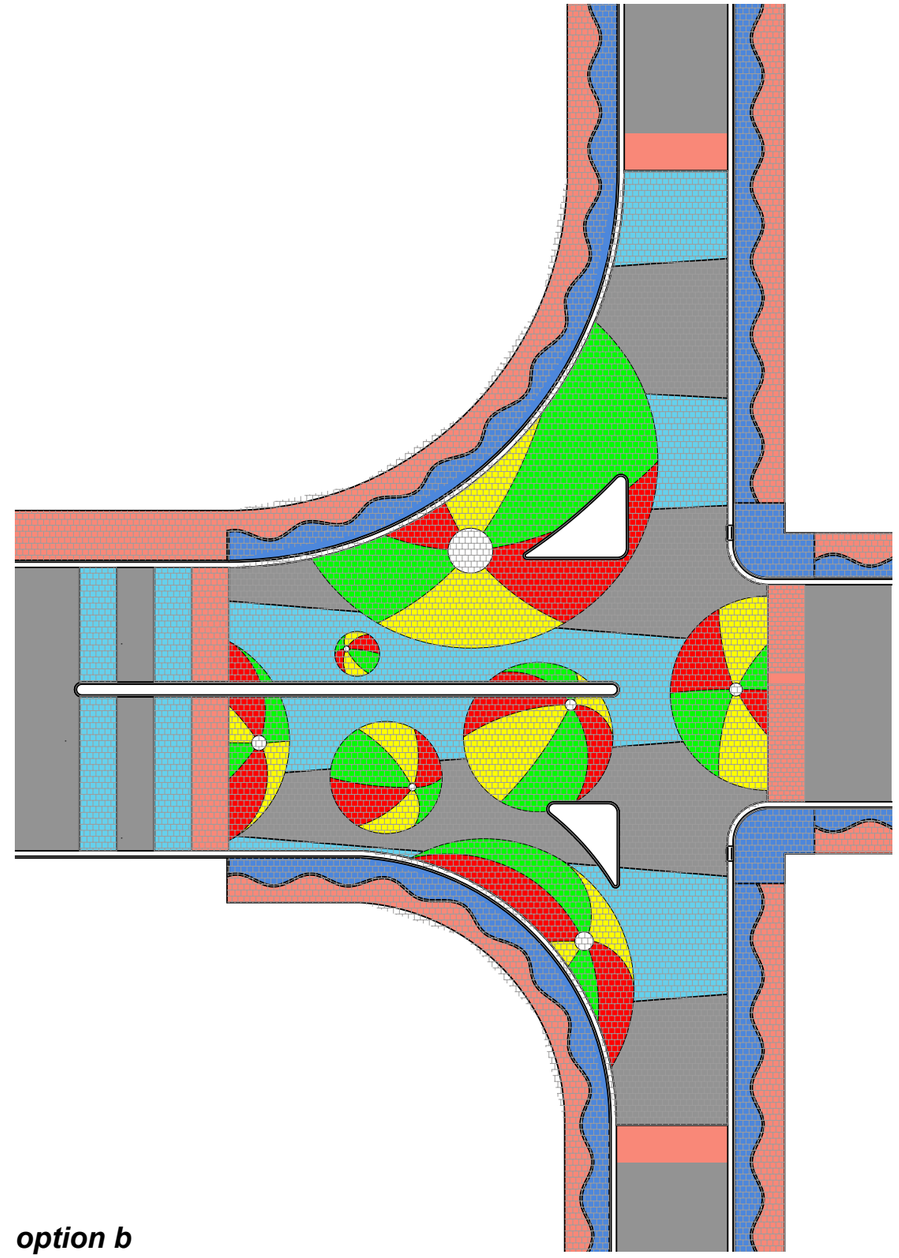
[A2]



option a



option b

RIO GRANDE AVE

SUSQUEHANNA AVE

SUSQUEHANNA AVE

N

susquehanna ave intersection paving

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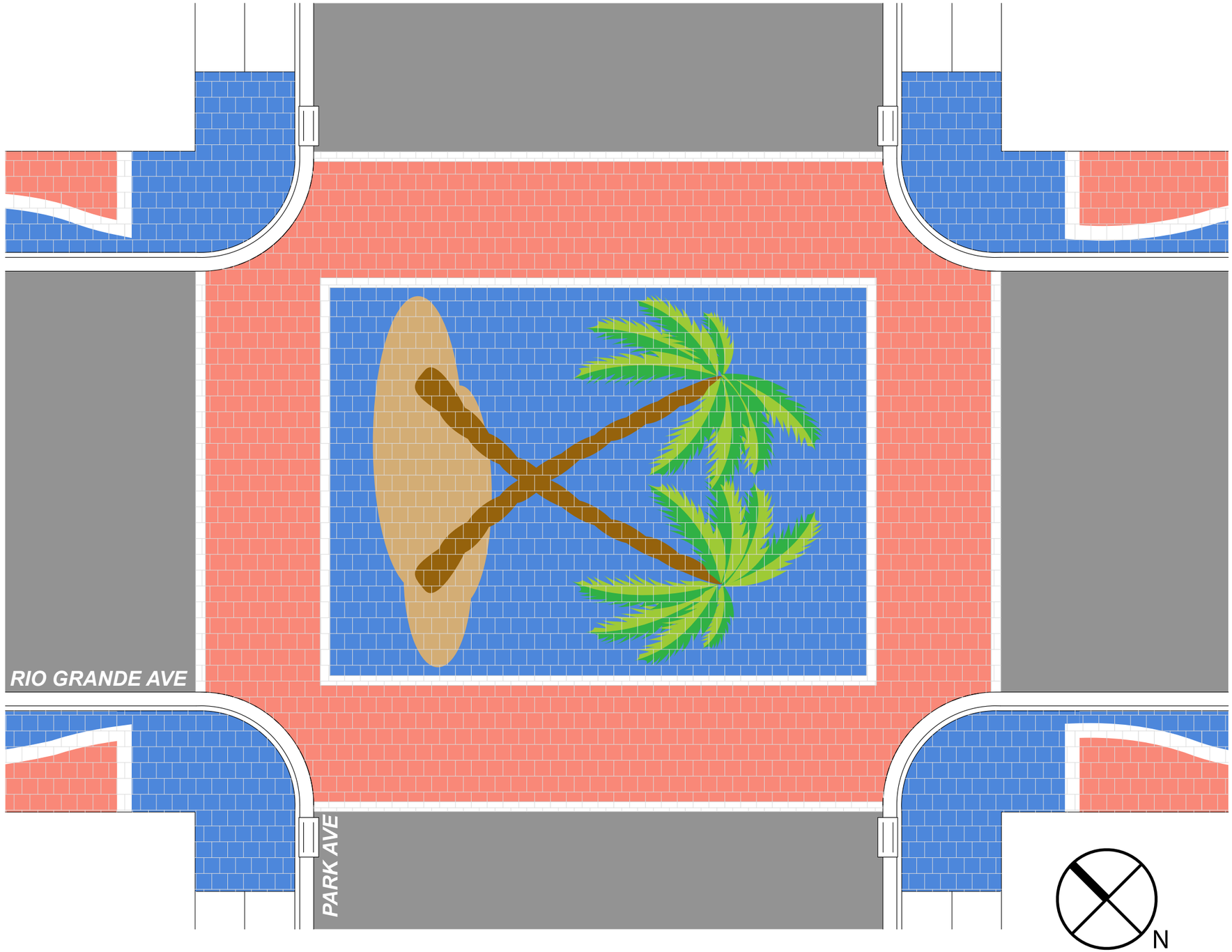
[A3]



park blvd intersection paving

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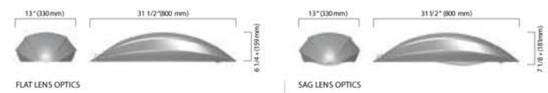
[A4]

CAPELLA
SERIES

Inspired by movement / Inspired by the splendor of movement, the Capella is one of the most adaptable luminaires on the market. With it's graceful curves and sweeping lines it contributes to the beautification of any environment and enhances the visual impact of any project. >>

LUMINAIRES

Conform to the UL 1598and CSA C22.2 No. 250.0-08 standards



FLAT LENS OPTICS | SAG LENS OPTICS

CPLS

EPA: 0,47 sq. ft.
Weight: 30 lbs (13.6 kg)

LAMPS / LED

LAMP CODE DEFINITION / 40W 49LED 4K
- Lamp wattage
- Number of diodes (LED)
- Color temperature

LED = Philips Lumileds Rebel ES, CRI = 70, CCT = 4000K (+/- 350K)
LED rated life = 100,000 hrs[1] - Driver rated life = 50,000 hrs

LUMINAIRE	LAMP	TYPICAL DELIVERED LUMENS [2]		TYPICAL LAMP WATTAGE (W)	TYPICAL SYSTEM WATTAGE [3] (W)	TYPICAL CURRENT @ 120 V (A)	TYPICAL CURRENT @ 240 V (A)	TYPICAL CURRENT @ 277 V (A)	LED CURRENT (MA)	HPS EQUIVALENT [4]	LUMINAIRE EFFICACY RATING (LM/W)	
		FLAT LENS	SAG LENS								FLAT LENS	SAG LENS
CPLS	40W30LED4K-ES	2965	3000	40	45	0.38	0.19	0.16	400	70 W	66	67
	60W30LED4K-ES	4025	4070	60	68	0.57	0.28	0.25	600	100 W	59	60

[1] L70 = 100,000 hrs (at ambient temperature = 25°C and forward current = 700 mA).
[2] May vary depending on the optical distribution used.
[3] System wattage includes the lamp and the LED driver.
[4] Compared to Capella (equivalence should always be confirmed by a photometric layout).

OPTICAL SYSTEMS / LED

Flat lens
IP66 rated optical system, composed of individual pre-oriented lens to achieve desired distribution, assembled with a tempered-glass flat lens permanently sealed onto the lower part of the heat sink.
LE2F: Asymetrical
LE3F: Asymetrical
LE4F: Asymetrical
LE5F: Symmetrical (square)
> House shield available in option (HS

Sag lens
IP66 rated optical system, composed of individual pre-oriented lens to achieve desired distribution, assembled with a tempered-glass sag lens permanently sealed onto the lower part of the heat sink.
LE2S: Asymetrical
LE3S: Asymetrical
LE4S: Asymetrical
LE5S: Symmetrical (square)
> House shield available in option (HS

* Photometry available on Philips Lumec web site www.philips.com/lumec.

WATTAGE	LE2F / LE2S LE3F / LE3S LE4F / LE4S LE5F / LE5S
40W30LED4K-ES	✓
60W30LED4K-ES	✓

✓: Available N/A: Not available

VOLTAGE

120 / 208 / 240 / 277

LAMPS / HID

WATTAGE	2H / 4H	2HF / 4HF
50 MH, medium	✓	✓
70 MH, medium	✓	✓
100 MH, medium	✓	✓
150 MH, medium	✓	✓
175 MH, medium	✓	✓
35 HPS, medium	✓	✓
50 HPS, medium	✓	✓
70 HPS, medium	✓	✓
100 HPS, medium	✓	✓
150 HPS, medium	✓	✓
18 CF	✓	✓
26 CF	✓	✓
32 CF	✓	✓
42 CF	✓	✓

✓: Available N/A: Not available
> Socket: GX24Q-2 (18W), GX24Q-3 (26W)(32W), GX24Q-4 (42W), triple tube for compact fluorescent (lamp not included).

OPTICAL SYSTEMS / HID

(Lampes non incluses)

FLAT LENS optics
Sealed optical chamber consisting of an hydroformed reflector permanently sealed on a flat tempered-glass lens.
2HF: Full cut-off (III)
4HF: Full cut-off (IV)

Optique / LENTILLE EN SAILLIE
Bloc optique scellé composé d'un réflecteur hydroformé scellé de façon permanente sur une lentille en saillie en verre trempé.
2H: Défilé (III)
4H: Défilé (IV)

* Photometry available on Philips Lumec web site www.philips.com/lumec.

VOLTAGE

HID [1]: 120 / 208 / 240 / 277 / 347 / 480
CosmoPolis [2]: 120 / 208 / 240 / 277

1 Multi-top ballast also available.
2 Only available with 60 CW.

Philips Lumec reserves the right to substitute materials or change the manufacturing process of its products without prior noti fication.
For the latest updates go to www.philips.com/lumec

PHILIPS LUMEC

Super versatile and durable, UGE's smallest wind turbine is the perfect solution for off-grid power generation. This unit is ideal for street lights, boats and marine applications, or any location where power needs to be generated on site.

Standing approximately 1 meter tall, and weighing just 40kg, assembly takes less than 30 minutes and setting the tower and foundation for installation is simple and easy.

The HoYi! starts producing energy in extremely low wind speeds and can withstand hurricanes, making it nearly maintenance free for its entire lifetime.

Visit www.urbangreenenergy.com/products/hoyi to find out more information!

UGE

Specifications

General

Axis	Vertical
Height	1.3m (4.3 ft)
Width	0.8m (2.6 ft)
Weight	40 kg (88.1 lb)
Swept Area	0.84m² (9.0 ft²)
Blade Materials	Fiberglass

Performance

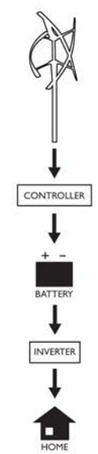
Rated Power	200 W
Cut-in Wind Speed	2.5 m/s (5.6 mph)
Cut-out Wind Speed	30 m/s (61.1 mph)
Rated RPM	200 RPM
Survival Wind Speed	50 m/s (110 mph)
Rated Wind Speed	12m/s (26 mph)
Noise Level at 12m/s	40 dB

Electric Generation

Generator Type	PMG
Rated Output	
Off-Grid	200W

Hoyi VAWT Power Curve

Battery Backup System



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SOLAR READY

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street lighting and turbine

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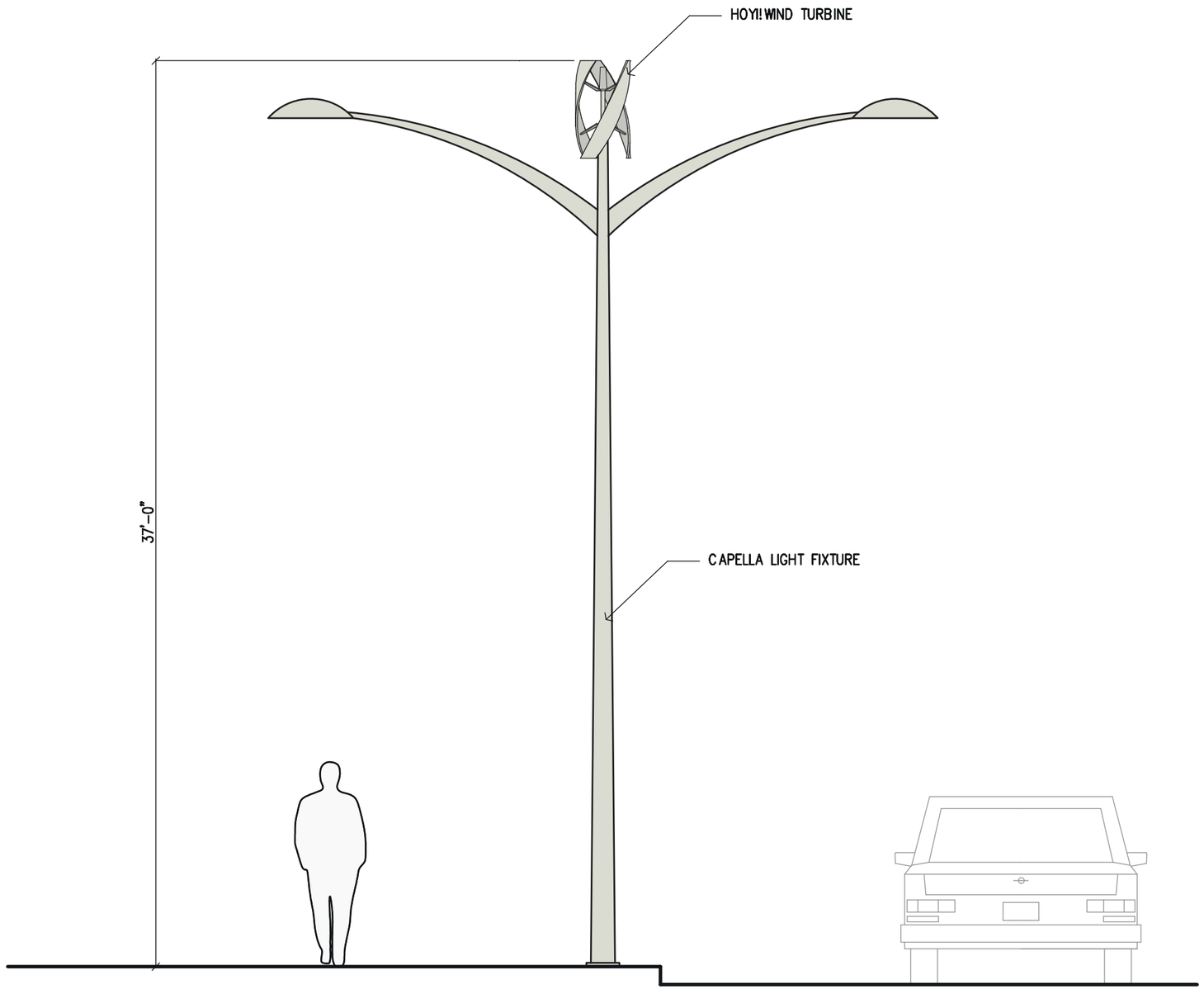
[A5]



light fixture with turbine drawing

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[A6]