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			3 A3B 2 A4	SINGLE SINGLE	8824	1.030	B1-U0-G2 B2-U0-G2	72 72	216	Cree Inc Cree Inc		-XX + OSQM-B- -XX + OSQM-B-			DSQ-BLSMF
			2     A4       3     A4B	SINGLE	8574	1.030	B1-U0-G2	72	216	Cree Inc		-XX + OSQM-B- -XX + OSQM-B-			DSQ-BLSMF
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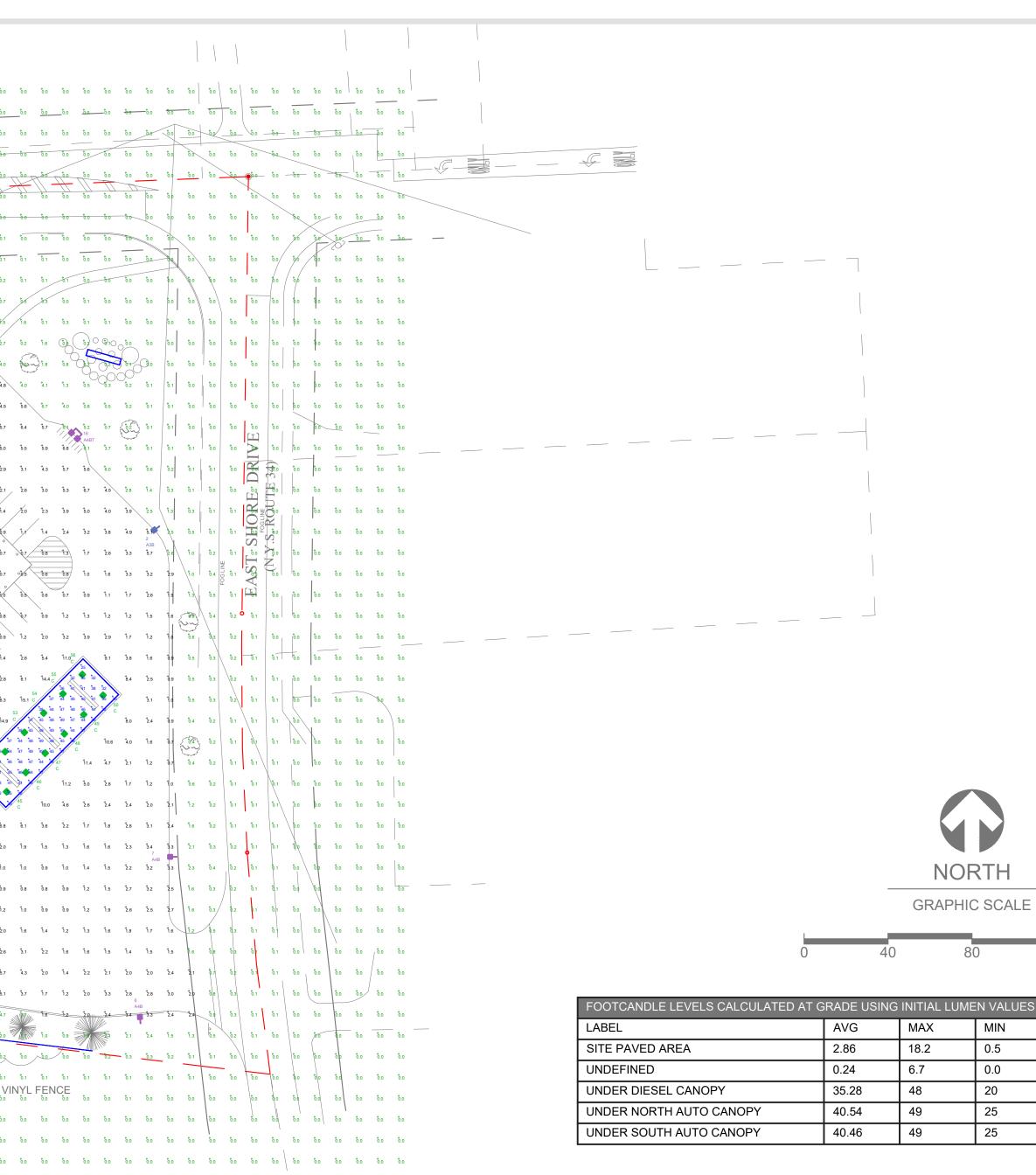
REDLEONARD Associates

1340 Kemper Meadow Dr, Forest Park, OH 45240 513-574-9500 | redleonard.com

REV.BYDATER1JSG12/2/22 R2 JSG 12/8/22 R3 JSG 1/19/23

DESCRIPTION ALL CANOPY & AREA LIGHTS WERE 5000K ALL POLE HEIGHTS WERE 25' CREATED PLATINUM PACKAGE

.



#### DISCLAIMER

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SCALE: LAYOUT BY: 1" = 40' DAR DWG SIZE: DATE: 4/27/22 D

PROJECT NAME: DANDY MINI MART D85 LANSING, NY DRAWING NUMBER: RL-7936-S1-R3

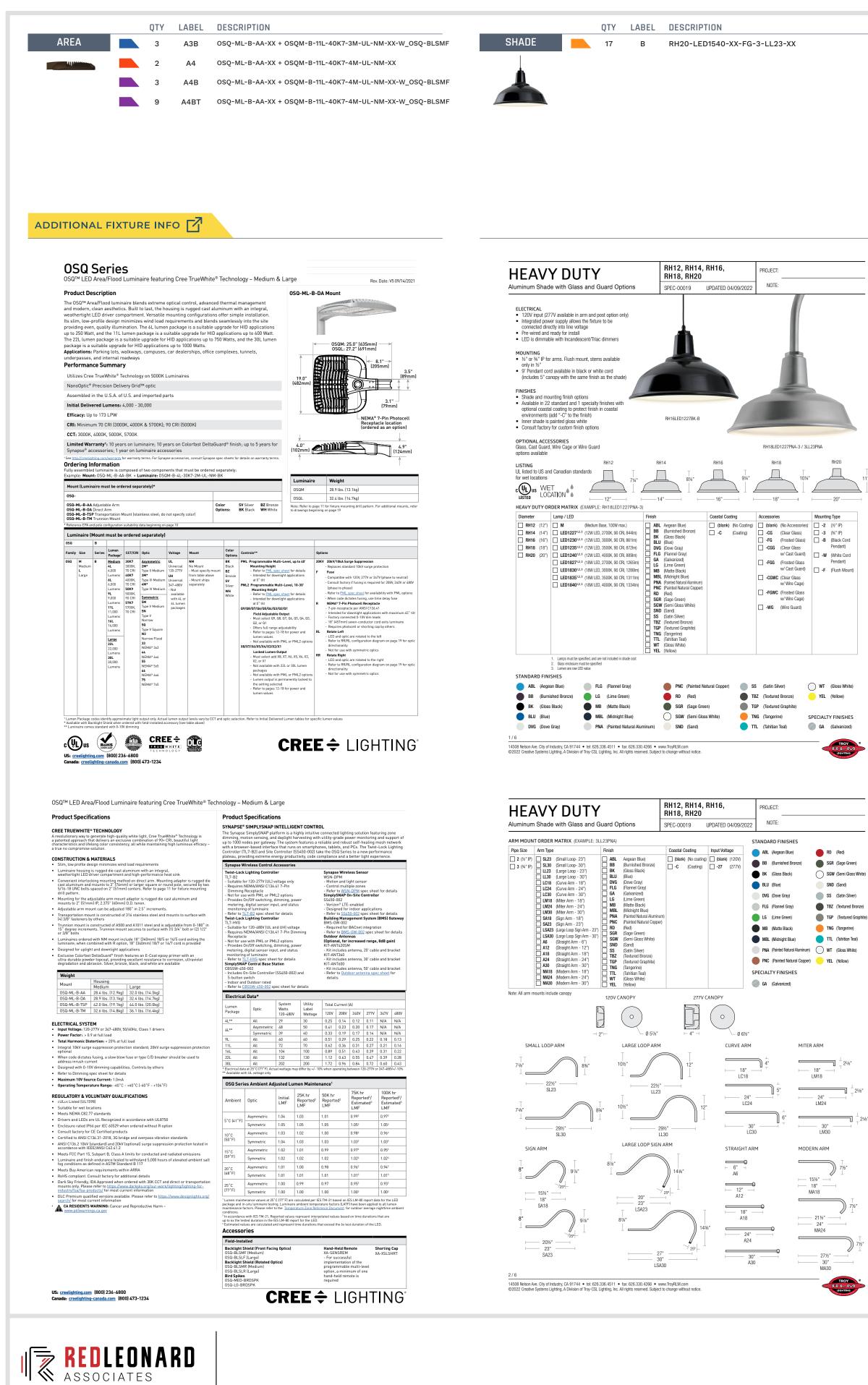


# 4000K VERSION

LUM NO.	LABEL	MTG. HT.
1	A3B	20
2	A3B	20
3	A3B	20
4	A4	20
5	A4	20
6	A4B	20
7	A4B	20
8	A4B	20
9	A4BT	20
10	A4BT	20
11	A4BT	20
12	A4BT	20
13	A4BT	20
14	A4BT	20
15	A4BT	20
16	A4BT	20
17	A4BT	20
18	В	12
19	В	12
20	В	12
21	В	12
22	В	12
23	В	12
24	В	12
25	B	12
26	B	12
27	B	12
28	B	12
29	B	12
30	B	13.25
31	В	13.25
32	В	13.25
33	В	13.25
34	В	13.25
35	С	15
36	С	15
37	С	15
38	С	15
39	С	15
40	С	15
41	С	15
42	С	15
43	С	15
44	С	15
45	C	15
46	C	15
40		
	C	15
48	C	15
49	С	15
50	С	15
51	С	15
52	С	15
53	С	15
54	С	15
55	С	15
56	С	15
57	С	15
58	С	15
59	D	18
60	D	18
61	D	18
	D	
62		18
63	D	18
64	D	18
65	D	18
66	D	18

LUMINAIRE LOCATION SUMMARY





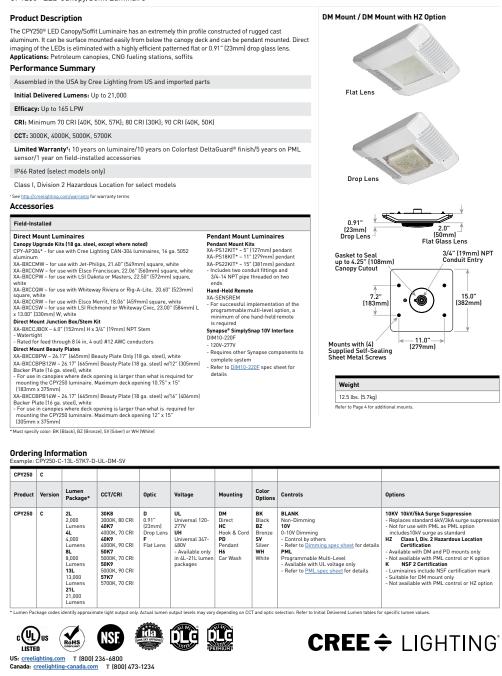
1340 Kemper Meadow Dr, Forest Park, OH 45240 513-574-9500 redleonard.com



Rev. Date: V3 02/01/2022

### ADDITIONAL FIXTURE INFO

#### **CPY Series - Version C** CPY250<sup>®</sup> LED Canopy/Soffit Luminaire



P	roduct Specifications
С	DNSTRUCTION & MATERIALS
•	Slim, low profile design
•	Easy mounting and servicing from below the deck
•	Luminaire housing is constructed of rugged cast aluminum with integral heat sink specifically designed for LED Flat lens is 0.125" tempered Solite® glass
	Drop lens is 0.125" molded borosilicate glass
•	Direct mount is suitable for use in single or double skin canopies with a minimum 4.0" (102mm) wide panels and a minimum 22 gauge, 0.030" (0.7mm canopy thickness
•	Direct mount luminaire mounts directly to the canopy deck with the drilling of a single 2" to 4" [51mm to 102mm] round hole, is secured in place with self-sealing screws that provide a weathertight seal and includes $3/4$ " [19mm conduit entry for direct wire feed
•	Hook and cord mount includes a 3' (0.91m) cord out of the luminaire and is intended to hang from the single hook
•	Standard pendant mount includes a mounting bracket and a J-Box for customer wiring and is intended to be mounted by 3/4 IP pendant (by others)
	Hazardous location pendant mount has a threaded hub which accepts 3/4" NPT conduit (by others) and secures with a 1/4"-20 set screw
•	H6 mount includes cable gland with 3' (0.91m) cord out of the luminaire and is intended to hang from the single hook
•	Exclusive Colorfast DeltaGuard* finish features an E-Coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Black, bronze, silver and white are available
•	Weight: 12.5 lbs. (5.7kg)
	ECTRICAL SYSTEM
	Input Voltage: 120-277V or 347-480V, 50/60Hz
	Power Factor: > 0.9 at full load Total Harmonic Distortion: < 20% at full load
•	Integral 6kV/3kA surge suppression protection standard; 10kV/5kA surge suppression protection optional
•	When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current
•	NTROLS 10V option provides continuous dimming to 10% with 0-10V DC control protocol
•	Maximum 10V Source Current: 1mA
•	Use only lighting controls with neutral connection or controls intended for use with LED fixtures
•	Reference LED Dimming spec sheet for additional dimming information
RE	COLATORY & VOLUNTARY QUALIFICATIONS
	Suitable for wet locations when ordered with DM, DM mount w/HZ option, PD mount w/HZ option, and H6 mounts. Covered ceiling required only when not used with cULus Listed, wet location junction box or XA-BXCCJBOX accessory Suitable for damp locations when ordered with HC and PD mounts. Designed
•	for indoor use only Enclosure meets IP66 requirements per IEC 60529 when ordered with DM and
•	H6 mounts ANSI C136.2 6kV/3kA (standard) and 10kV/5kA (optional) surge protection, tested in accordance with IEEE/ANSI C62.41.2. PML option includes 10kV surge protection
•	Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions
•	Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117
•	Meets Buy American requirements within ARRA
•	RoHS compliant. Consult factory for additional details
•	Class I, Division 2 Hazardous Location rated when ordered with the DM or PD mount and the HZ option. Not available with K or PML options. Rated for Groups A, B, C & D. Bears a T3C [ $160^{\circ}$ C] temperature classification within a 25°C ambient
•	NSF Certified when ordered with DM mount and K option. Not available with HZ or PML options. Refer to http://info.nsf.org/Certified/Food/ for additional details
•	Dark Sky Friendly, IDA Approved when ordered with 30K CCT and Flat Lens [F]. Please refer to <u>https://www.darksky.org/our-work/lighting/lighting-for-industry/fsa/fsa-products/</u> for most current information
•	DLC Premium qualified for Fuel Pump Canopies. DLC Standard qualified for High-Bay/Low Bay Luminaires when ordered with 8L and 30K8, 40K9 and 50K9 CCTS, 12L or 21L Lumen packages with all CCTs. Please refer to https:// www.designlights.org/search/ for most current information

CARESIDENTS WARNING: Cancer and Reproductive Harm -

US: creelighting.com T (800) 236-6800 Canada: creelighting-canada.com T (800) 473-1234

Lumen	System Watts	Total C	Total Current (A)						
Package	120-480V**	120V	208V	240V	277V	347V	480V		
2L	14	0.11	0.07	0.06	0.05	N/A	N/A		
4L	31	0.26	0.15	0.13	0.11	0.09	0.07		
8L	53	0.45	0.26	0.22	0.19	0.15	0.11		
13L	86	0.73	0.42	0.36	0.32	0.25	0.19		
21L	132	1.13	0.64	0.56	0.49	0.38	0.28		

CPY Series (Version C) Ambient Adjusted Lumen Maintenance<sup>1</sup>

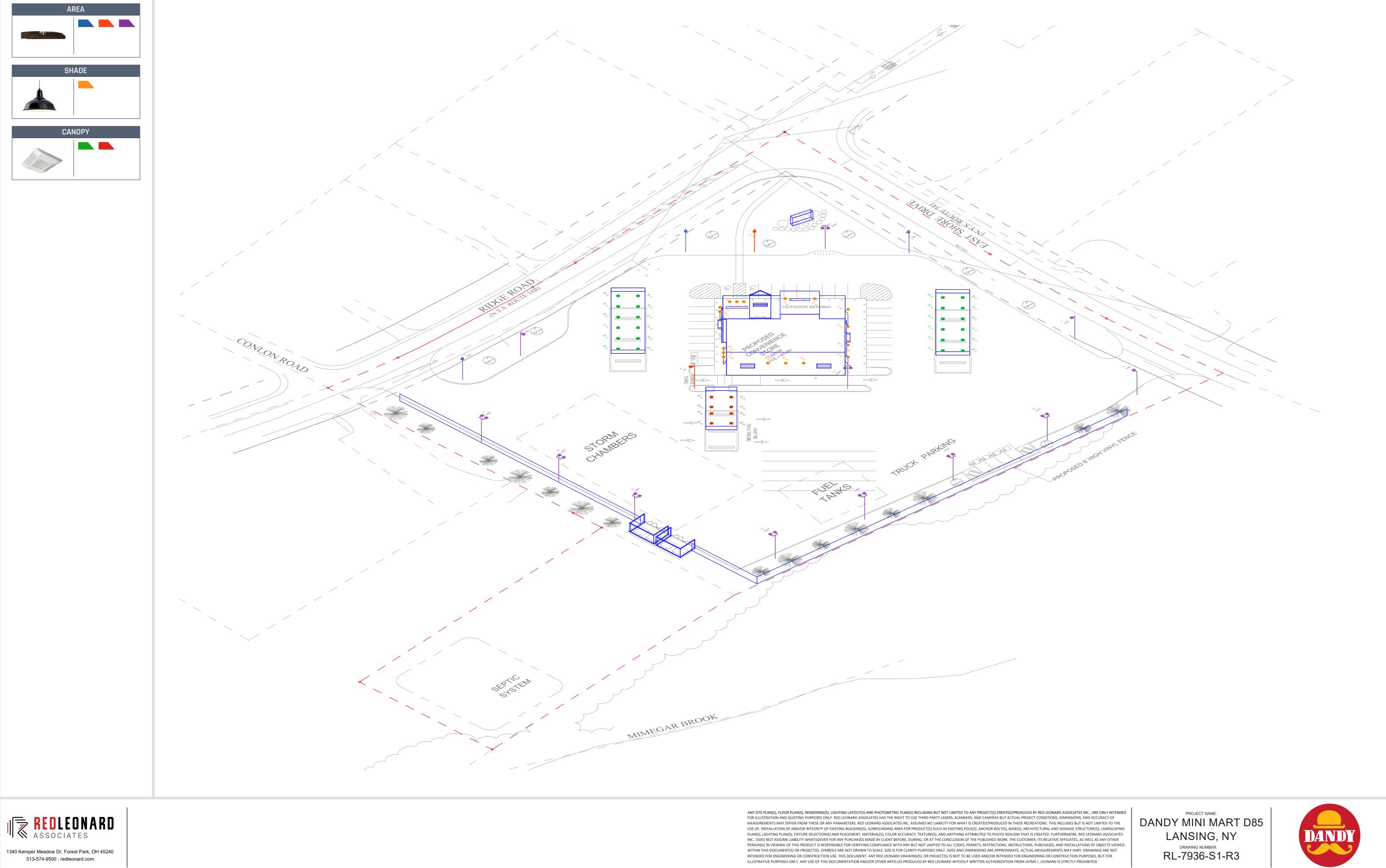
01130	Tes (tersion of Ambient A	ujustet	Lamente			
Ambient	Luminaire Mounting Surface	Initial LMF	25K hr Reported <sup>2</sup> LMF	50K hr Reported <sup>2</sup> LMF	75K hr Estimated <sup>3</sup> LMF	100K hr Estimated <sup>3</sup> LMF
5°C	2L-13L Plywood/ 2L-21L Metal	1.02	0.99	0.96	0.94	0.92
(41°F)	21L Plywood	1.02	0.99	0.96	0.93	0.90
10°C (50°F)	2L-13L Plywood/ 2L-21L Metal	1.02	0.98	0.96	0.93	0.91
(50 F)	21L Plywood	1.02	0.98	0.95	0.92	0.90
15°C	2L-13L Plywood/ 2L-21L Metal	1.01	0.98	0.95	0.93	0.91
(59°F)	21L Plywood	1.01	0.98	0.95	0.92	0.89
20°C	2L-13L Plywood/ 2L-21L Metal	1.01	0.97	0.95	0.92	0.90
(68°F)	21L Plywood	1.01	0.97	0.94	0.91	0.89
25°C	2L-13L Plywood/ 2L-21L Metal	1.00	0.97	0.94	0.92	0.90
(77°F)	21L Plywood	1.00	0.96	0.94	0.91	0.88
30°C (86°F)	2L-13L Plywood/ 2L-21L Metal	0.99	0.96	0.94	0.91	0.89
(86 F)	21L Plywood	0.99	0.96	0.93	0.90	0.87
35°C (95°F)	2L-13L Plywood/ 2L-21L Metal	0.99	0.95	0.93	0.91	0.88
(42 F)	21L Plywood	0.99	0.93	0.89	0.84	0.80
40°C (104°F)	2L-13L Plywood/ 2L-21L Metal	0.98	0.95	0.92	0.90	0.88
45°C (113°F)	2L-4L Plywood/ 2L-13L Metal	0.98	0.93	0.89	0.86	0.82
50°C (122°F)	2L-4L Metal	0.97	0.90	0.84	0.78	0.73
package and maintenance conditions. <sup>2</sup> In accordan the tested du	ntenance values at 25°C (77°F) are of in-situ luminaire testing. Luminaire factors. Please refer to the <u>Temperr</u> ce with IES TM-21, Reported values ration in the IES LM-80 report for th alues are calculated and represent t	ambient t ature Zone represent e LED.	emperature fac Reference Doo interpolated va	tors (LATF) ha <u>cument</u> for out lues based on	ve been applied door average nig time durations t	to all lumen jhttime ambien hat are up to 6:

Operating Temperature Range							
lumen	Direct Mount to	Direct Mount to Sheet	Class 1, Division 2 Hazardous Locatio				
Package	Plywood	Metal/Suspended	Direct Mount to Plywood	Direct Mount to She Metal/Suspended			
2L	-40°C to +45°C	-40°C to +50°C	-40°C to +25°C				
4L	-40°C to +45°C	-40°C to +50°C					
8L	-40°C to +40°C	-40°C to +45°C					
13L	-40°C to +40°C	-40°C to +45°C					
21L	-40°C to +35°C	-40°C to +40°C					
NOTE: Standard luminaires are UL rated at 40°C, and hazardous location luminaires are UL rated at 25°C, but will operate in the ambients listed above WARNINE: Exceeding maximum operating temperature may result in thermal foldback							

## **CREE ÷** LIGHTING<sup>®</sup>

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DANDY MINI MART D85 LANSING, NY drawing number: RL-7936-S1-R3





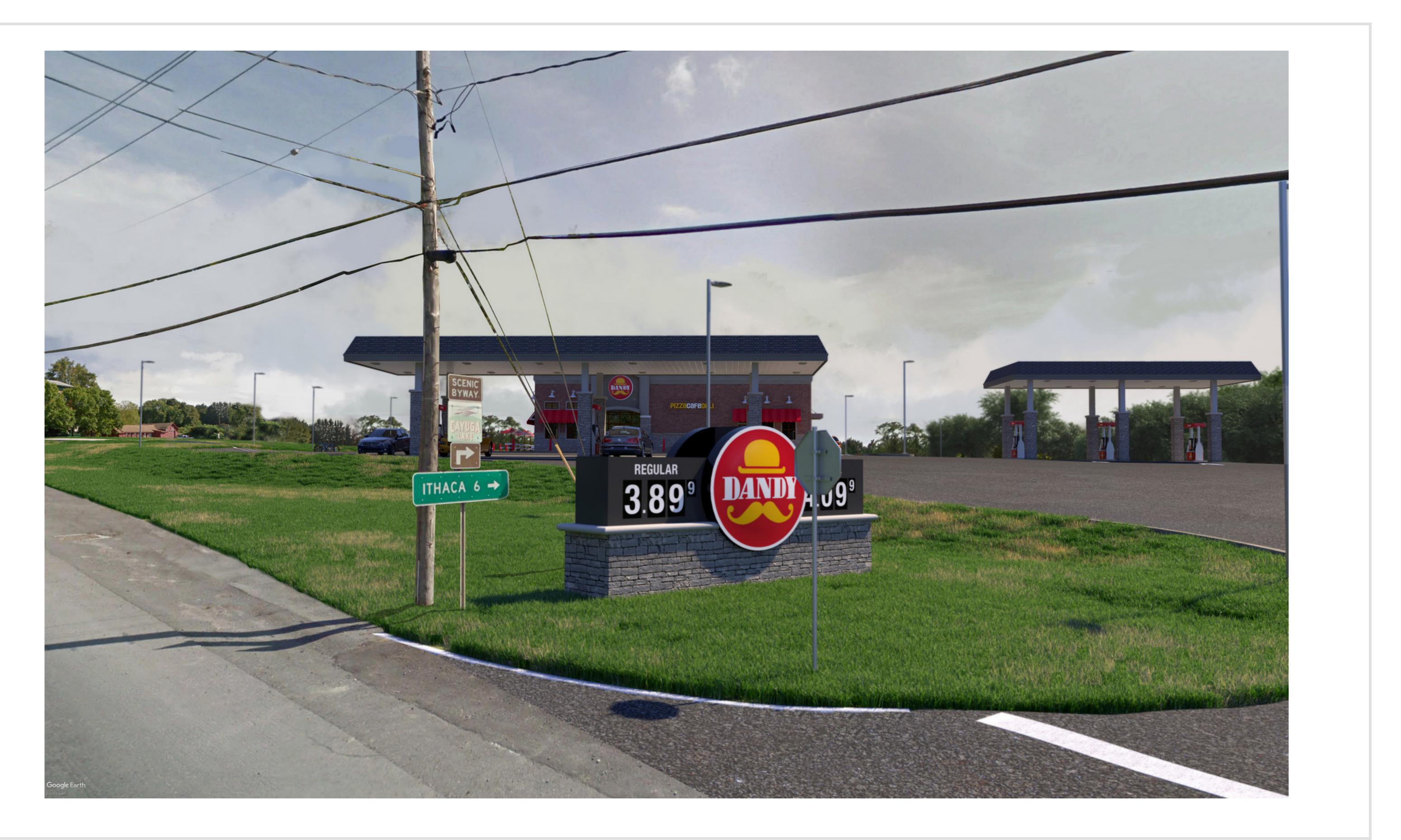


























DANDY MINI MART D85 LANSING, NY drawing number: RL-7936-S1-R3







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