

8/6/2020

Lithonia Lighting WF4-LED-30K-BN-M6 Wafer Ultra Thin Integrated LED board Brushed Nickel Recessed Ceiling Light

VIP Code: QCGXSLAR13

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Lithonia Lighting WF4-LED-30K-BN-M6

Wafer Ultra Thin Integrated LED board Brushed Nickel Recessed Ceiling Light

Call 844.344.3536 For Trade Pricing

Original List Price: \$72.00 (You Save 50.00%)

Bulbs Included

Discontinued

Non-Returnable

This item is no longer available. Our Lighting Experts are standing by to assist you with locating a suitable replacement. Please call 866.344.3875 for assistance.

[Return Policy](#)[Shipping Policy](#)[110% Price Match](#)

Zoom Image

Related Product

Lithonia Lighting WF3-LED-30K-BN-M6
Wafer Ultra Thin Integrated LED board Br...
\$34.87

Lithonia Lighting WF3-LED-30K-MB-M6
Wafer Ultra Thin Integrated LED board Ma...
\$33.27

Lithonia Lighting WF3-LED-30K-MW-M6
Wafer Ultra Thin Integrated LED board Ma...
\$30.24



LITHONIA LIGHTING
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FMFL-30610-CAML-0A

[Product information](#)
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General Information

Lithonia Lighting WF4-LED-30K-BN-M6
Wafer Ultra Thin Integrated LED board Brushed Nickel Recessed Ceiling Light

The Lithonia Lighting Wafer-Thin LED recessed downlight with remote driver box combines high quality light output and efficiency while eliminating the pot light housing for competitive affordability

Every Order Includes

No Restocking Fees!

Have a question about this product? Ask us!

Live Chat

Submit a Question

ship in 2-4

<https://www.lithonia.lightingnewyork.com/product/lithonia-lighting-wafer-ultra-thin-recessed-wf4-led-30k-bn-m6.html>

1/3

Mitchell CutSheets-080324-811

A-1

SHEET:

NONE

SCALE:

8/3/2024

DATE:

DRAWINGS PROVIDED BY:

Kim Brown Projects

Box 92
Waterbury Center, Vermont 05677
802-244-0156

PROJECT DESCRIPTION:

MAD RIVER EYECARE
55 SOUTH MAIN STREET
WATERBURY, VERMONT

SHEET TITLE:

LT 1 FIXTURE

NO.	DESCRIPTION	BY	DATE

A-603



- Mounting hardware is hidden on the back plate to ensure a clean silhouette
- Suitable for use in wet (outdoor direct rain) locations as defined by NEC and CEC. Meets United States UL Underwriters Laboratories & CSA Canadian Standards Association Product Safety Standards
- Fixture is Dark Sky compliant and engineered to minimize light glare upward into the night sky
- Meets California Energy Commission Title regulations/JA8 when using the included LED bulb
- Suitable for use in both interior and outdoor spaces.
- LED Bulbs carry a 3-year limited warranty
- 5-year finish warranty
- The Coastal Elements Collection offers versatile designs, constructed of composite materials and coated with anti-fading finishes, for maximum durability in harsh climates

The perfect addition to Modern Coastal, Silo's compact design blends simple and long-lasting practicality. Built to stand up to harsh climates and available in three rust and corrosion-resistant finishes, Silo is available in a downlight-only option to meet dark sky compliance, an up and downlight for additional wall washing, and a small flush mount.

DETAILS	
FINISH:	Architectural Bronze
MATERIAL:	Composite
GLASS:	Etched Lens
DIMMABLE:	YES, CL TYPE DIMMER (SSL7A)

DIMENSIONS	
WIDTH:	4.5"
HEIGHT:	8"
WEIGHT:	1.3lb
BACK PLATE:	4.5"W x 4.75"H
EXTENSION:	5.8"
TOP TO OUTLET:	4"

LIGHT SOURCE	
LIGHT SOURCE:	Socketed
LED NAME:	GU10LED-3K
VOLTAGE:	120v
COLOR TEMP:	3000
LUMENS:	500
CRI:	80
INCANDESCENT EQUIVALENCY:	1 x 50w
DIMMABLE:	YES, CL TYPE DIMMER (SSL7A)

SHIPPING	
CARTON LENGTH:	8.3
CARTON WIDTH:	10.2
CARTON HEIGHT:	6.7
CARTON WEIGHT:	2.4

hinkley.com



VIPER S

SMALL VIPER LUMINAIRE

FEATURES

- Small size companion to Viper Large
- Wide choice of different LED wattage configurations
- Nine optical distributions
- Designed to replace HID lighting up to 400W MH or HPS
- Suitable for wet locations



*3000K and warmer CCTs only

See Certification Specifications

CONTROL TECHNOLOGY

NX DISTRIBUTED INTELLIGENCE

wiSCAPE

energen



SPECIFICATIONS

CONSTRUCTION

- Manufactured with die cast aluminum
- Coated with a polyester finish that meets ASTM B117 corrosion test requirements and ASTM D522 cracking and loss of adhesion test requirements
- IFS polyester powder-coat electrostatically applied and thermocured. IFS finish consists of a five stage pretreatment regimen with a polymer primer sealer and top coated with a thermostat super TGIC polyester powder coat finish
- The finish meets the AAMA 2604 performance specification which includes passing a 3,000-hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds
- External hardware is corrosion resistant

OPTICS

- Cartridge is held together with internal brass standoffs soldered to the board so that it can be field replaced as a one-piece optical system
- One-piece silicone gasket ensures a weatherproof seal around each individual optic
- One-piece optical cartridge system consisting of an LED engine, optics, gasket and stainless steel bezel

INSTALLATION

- Mounting options for horizontal arm, vertical tenon or traditional arm mounting available. Mounting hardware included

ELECTRICAL

- Luminaire accepts 100V through 277V, 347V or 480V input 50 Hz to 60 Hz (UNV)

ELECTRICAL (CONTINUED)

- Power factor is $\geq .90$ at full load
- Dimming drivers are standard, but CD must be selected in options to obtain external wiring leads for dimming controls
- Component-to-component wiring within the luminaire may carry no more than 80% of rated load and is certified by UL for use at 600VAC at 90°C or higher
- Plug disconnects are certified by UL for use at 600 VAC, 13A or higher. 13A rating applies to primary (AC) side only
- Fixture electrical compartment contains all LED driver components
- Optional 7-pin ANSI C136.41-2013 Twist-Lock® photo control receptacle available. Compatible with ANSI C136.41 external wireless control devices
- Ambient operating temperature -40°C to 25°C
- Surge protection: 20kA
- Lifeshield™ Circuit (see Electrical Data)

CONTROLS

- Available with an optional passive Infrared (PIR) motion sensor capable of detecting motion 360° around the luminaire. When no motion is detected for the specified time, the motion response system reduces the wattage to factory preset level, reducing the light level accordingly. When motion is detected by the PIR sensor, the luminaire returns to full wattage and full light output. Please contact Beacon Products if project requirements vary from standard configuration
- Available with **energen** for optional set dimming, timed dimming with simple delay, or timed dimming based on time of night

STRIKE



RELATED PRODUCTS

[Viper Large](#)

CONTROLS (CONTINUED)

- In addition, Viper can be specified with [SiteSync™ wireless control system](#) for reduction in energy and maintenance costs while optimizing light quality 24/7

CERTIFICATIONS

- DLC® (DesignLights Consortium) Qualified. Please refer to the DLC website for specific product qualifications at www.designlights.org
- Certified to UL 1598 and UL 8750
- 3G rated for ANSI C136.31 high vibration applications with MAF mounting
- IDA approved
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 04/23/2020. See [Buy American Solutions](#).

WARRANTY

- 5 year warranty
- See [HLI Commercial and Industrial Outdoor Lighting Warranty](#) for additional information

KEY DATA

Lumen Range	4,045–16,216
Wattage Range	39–136
Efficacy Range (LPW)	100–124
Reported Life (Hours)	L70>60,000
Input Current Range (Amps)	0.1–1.1

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BEA-VIPER-S-SPEC

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701 Millennium Boulevard • Greenville, SC 29607 / Tel 864.678.1000 / Website www.beaconproducts.com



HUBBELL
Lighting

Mitchell CutSheets-080324-811

Photometry

Viper Brochure

Dimensional Drawings

ENERGEN

SiteSync

A-3

SHEET:

NONE

SCALE:

8/3/2024

DATE:

DRAWINGS PROVIDED BY:

Kim Brown Projects

Box 92
Waterbury Center, Vermont 05677
802-244-8156

PROJECT DESCRIPTION:

MAD RIVER EYECARE
55 SOUTH MAIN STREET
WATERBURY, VERMONT

SHEET TITLE:

LT 3 & 4 FIXTURES

NO.	DESCRIPTION	BY	DATE

A-605.1



VIPER S

SMALL VIPER LUMINAIRE

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

ORDERING GUIDE

Example: VPS-24L-55-4K7-4W-UNV-A-DBT-TL-GENI-04-BC

CATALOG #

VPS					
Series	LED Engine	CCT/CRI ¹	Distribution	Rotation	Voltage
VPS Viper Small	24L-39 39W, LED array 24L-55 55W, LED array 36L-65 65W, LED array 36L-80 80W, LED array 48L-110 110W, LED array 60L-136 136W, LED array	3K7 3000K, 70 CRI 4K7 4000K, 70 CRI 5K7 5000K, 70 CRI	FR Type 1/Front Row 2 Type 2 3 Type 3 4F (formerly 4) Type 4 4W Type 4 Wide 5QM Type 5QM 5R Type 5R (rectangular) 5W Type 5W (round wide) TC Tennis Court CR Corner Right CL Corner Left	Blank No rotation L Optic rotation left ⁵ R Optic rotation right ⁵	UNV 120–277V 347 347V 480 480V

Mounting				
A Rectangular Arm (formerly RA) for square or round pole MAF Mast Arm Fitter (formerly SF2) for 2 3/4" OD horizontal arm K Knuckle (formerly PK2) limit to 30° tilt or 2 3/4" OD horizontal arm or vertical tenon WB Wall Bracket AD Universal Arm for square pole AD3 Adapter for 2.4"–4.1" round pole AD4 Adapter for 4.2"–5.3" round pole AD5 Adapter for 5.5"–5.9" round pole AD6 Adapter for 6.0"–6.5" round pole	Color BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGS Light Grey Gloss Smooth PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VGT Verde Green Textured Color Option CC Custom Color	Control Options NXWE NX Wireless Enabled (module + radio) NXSPW_F Nx Wireless, PIR Occ. Sensor, Daylight Harvesting? NXSP_F NX, PIR Occ. Sensor, Daylight Harvesting? WIR Wireless Controls, wiSCAPE Control Options 7PR 7-Pin Receptacle only (shorting cap, photo control, or wireless control provided by others) 7PR-SC 7-Pin Receptacle w/Shorting Cap 7PR-TL 7-Pin Receptacle w/Twist-Lock® photo control SCP/_F Programmable Occupancy Sensor w/ daylight control ^{1,2,6} GENI-XX ENERGENI ³ SWP SiteSync Pre-Commission ⁴ SWPM_F SiteSync Pre-Commission w/ Sensor ^{1,2,4}	Options BC Backshield (available for FR, 2, 3, 4, 4W Optics) CD Continuous Dimming F Fusing TB Terminal Block	

House Side Shield Accessories

- ☐ HSS/VP-S/90-FB/XXX 90° shield front or back
☐ HSS/VP-S/90-LR/XXX 90° shield left or right
☐ HSS/VP-S/270-FB/XXX 270° shield front or back
☐ HSS/VP-S/270-LR/XXX 270° shield left or right
☐ HSS/VP-S/360/XXX Full shield

Replace XXX with notation for desired finish color. Refer to page 8 for shield images.

Mounting Accessories

- ☐ VPL-AD-RPA3 2.4"-4.1" Round Pole Adapter for AD arm
☐ VPL-AD-RPA4 4.2"-5.3" Round Pole Adapter for AD arm
☐ VPL-AD-RPA5 5.5"-5.9" Round Pole Adapter for AD arm
☐ VPL-AD-RPA6 6.0"-6.5" Round Pole Adapter for AD arm

Notes:

- Not available with other wireless control or sensor options
- Specify mounting height; 8 = 8' or less, 40 = 14' to 30'
- Specify routine setting code (example GENI-04). See ENERGENI brochure and instructions for setting table and options. Not available with sensor or SiteSync options
- Specify group and zone at time of order. See www.hubbell.com/lighting/vipersync for further details. Order at least one SiteSync interface accessory SWUSB or SWTAB. Each option contains SiteSync License, GUI, and Bridge Node
- Only available with FR, 2, 3, 4, 4W and 5R distributions
- Specify mounting height; 8=8', 30=30'

Accessories and Services (Ordered Separately)

- ☐ SCP-REMOTE Remote Control for SCP/_F option. Order at least one per project to program and control the occupancy sensor
- ☐ SWUSB* SiteSync interface software loaded on USB flash drive for use with owner supplied PC (Windows based only). Includes SiteSync license, software and USB radio bridge node
- ☐ SWTAB* Windows tablet and SiteSync interface software. Includes tablet with preloaded software, SiteSync license and USB radio bridge node
- ☐ SWBRG SiteSync USB radio bridge node only. Order if a replacement is required or if an extra bridge node is requested
- ☐ SW7PR+ SiteSync 7-Pin on fixture module On/Off/Dim, Daylight Sensor 120-480VAC
- ☐ BIRD-SPIKE-3 Bird Spikes

* When ordering SiteSync at least one of these two interface options must be ordered per project.
+ Available as a SiteSync retrofit solution for fixtures with an existing 7-pin receptacle.

Hubbell Control Solutions — Accessories (Sold Separately)

NX Distributed Intelligence™

- ☐ NXOFM-1R1D-UNV On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with HubbNET Radio and Bluetooth® Radio, 120-480VAC

wiSCAPE® Lighting Control

- ☐ WIR-RME-L On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with wiSCAPE Radio, 110-480VAC

For additional information related to these accessories please visit www.hubbell.com/lighting/vipersync. Options provided for use with integrated sensor, please view specification sheet ordering information table for details.

A-4	SHEET: NONE	SCALE: NONE	DATE: 8/3/2024	DRAWINGS PROVIDED BY: Kim Brown Projects Box 92 Waterbury Center, Vermont 05677 802-244-8156 -	PROJECT DESCRIPTION: MAD RIVER EYECARE 55 SOUTH MAIN STREET WATERBURY, VERMONT	SHEET TITLE: LT 3 & 4 FIXTURES	NO. DESCRIPTION BY DATE	A-605.2
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VIPER S

SMALL VIPER LUMINAIRE

CONTROLS

SiteSync — Precommissioned Ordering Information:

When ordering a fixture with the SiteSync lighting control option, additional information will be required to complete the order. The SiteSync Commissioning Form or alternate schedule information must be completed. This form includes Project location, Group Information, and Operating schedules. For more detailed information please visit [the SiteSync family page on our website](#) or contact Hubbell Lighting tech support at 864-678-1000.



SiteSync

SiteSync fixtures with Motion control (SWPM) require the mounting height of the fixture for selection of the lens.

Examples: VP-L/80L-235/4K7/3/UNV/A/DB/SWP/
VP-L/80L-235/4K7/3/UNV/A/DB/SWPM-40F/

SiteSync only
SiteSync with Motion Control

SiteSync 7-Pin Module:

- SiteSync features in a new form
- Available as an accessory for new construction or retrofit applications (with existing 7-Pin receptacle)
- Does not interface with occupancy sensors



SW7PR

NX Distributed Intelligence™ Lighting Controls:

Supports both indoor and outdoor applications in a variety of deployment options: wired, wireless and hybrid. Integrates with and enables a wide array of luminaires including those with SpectraSync Color Tuning Technology.



NX Design & Application Guide

NX Integrated Controls Reference								
NX Option	Sensor	Networkable	Scheduling	Occupancy	Daylight Harvesting	0-10V Dimming	On/off Control	Bluetooth® App Programming
NX Networked – Wireless								
NXOFM-1R1D-UNV	SCLNX	Yes	Yes	Yes	Yes	Yes	Yes	Yes, Bluetooth App

wISCAPE™:

Supports remote management, monitoring and metering of outdoor wireless lighting applications such as smart campuses, smart cities, parking lots, parking lots and roadways.



NX Brochure

wISCAPE

wISCAPE Reference								
wISCAPE Option	Sensor	Networkable	Scheduling	Occupancy	Daylight Harvesting	0-10V Dimming	On/off Control	Bluetooth® App Programming
Networked – Wireless								
WIR-RME-L	WIR-RME-L	Yes	Yes	No	Yes	Yes	Yes	wISCAPE Gateway

Mitchell CutSheets-080324-811



A-5	SHEET:	NONE	SCALE:	8/3/2024	DATE:	DRAWINGS PROVIDED BY:	PROJECT DESCRIPTION:	SHEET TITLE:	NO.	DESCRIPTION	BY	DATE	A-605.3
						Kim Brown Projects	MAD RIVER EYECARE 55 SOUTH MAIN STREET WATERBURY, VERMONT	LT 3 & 4 FIXTURES					



VIPER S

SMALL VIPER LUMINAIRE

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

DELIVERED LUMENS

# of LEDs	DRIVE CURRENT (mA)	SYSTEM WATTS	DISTRIBUTION TYPE	5K (5000K nominal, 70 CRI)					4K (4000K nominal, 70 CRI)					3K (3000K nominal, 70 CRI)				
				LUMENS	LPW	B	U	G	LUMENS	LPW	B	U	G	LUMENS	LPW	B	U	G
24	500mA	39W	FR	4689	120	1	0	0	4665	120	1	0	0	4432	114	1	0	0
			2	4523	116	1	0	1	4500	115	1	0	1	4275	110	1	0	1
			3	4436	114	1	0	1	4414	113	1	0	1	4194	108	1	0	1
			4F	4362	112	1	0	2	4340	111	1	0	2	4123	106	0	0	2
			4W	4280	110	1	0	2	4258	109	1	0	2	4045	104	1	0	2
			5QM	4442	114	2	0	1	4420	113	2	0	1	4199	108	2	0	0
			5R	4472	115	2	0	2	4450	114	2	0	2	4227	108	2	0	2
			5W	4335	112	3	0	1	4336	111	3	0	1	4114	105	3	0	1
			TC	4561	117	1	0	1	4538	116	1	0	1	4311	111	1	0	1
			CL	4758	122	1	0	2	4758	122	1	0	2	4329	111	1	0	1
			CR	4773	122	1	0	2	4773	122	1	0	2	4361	112	1	0	1
			FR	6357	118	1	0	1	6486	120	1	0	1	5804	107	1	0	1
			2	6132	114	1	0	1	6257	116	1	0	2	5599	104	1	0	1
			3	6015	111	1	0	2	6137	114	1	0	2	5492	102	1	0	2
24	700 mA	55W	4F	5921	110	1	0	2	6034	112	1	0	2	5400	100	1	0	2
			4W	5793	108	1	0	2	5909	110	1	0	2	5272	98	1	0	2
			5QM	6022	112	2	0	1	6145	114	2	0	1	5499	102	2	0	1
			5R	6063	112	3	0	3	6187	115	3	0	3	5536	103	3	0	3
			5W	5908	109	3	0	1	6028	112	3	0	1	5908	102	3	0	1
			TC	6183	113	1	0	1	6309	118	1	0	1	5645	105	1	0	1
			CL	6707	122	1	0	2	6707	122	1	0	2	6117	111	1	0	2
			CR	6729	122	1	0	2	6729	122	1	0	2	6143	112	1	0	2
			FR	7864	121	1	0	1	8041	124	1	0	1	7189	111	1	0	1
			2	7586	117	1	0	2	7757	119	1	0	2	6934	107	1	0	2
			3	7441	114	1	0	2	7609	117	1	0	2	6802	105	1	0	2
			4F	7317	110	1	0	2	7482	112	1	0	2	6688	100	1	0	2
			4W	8690	108	1	0	2	8864	110	1	0	2	7908	98	1	0	2
			5QM	7450	115	3	0	1	7618	117	3	0	1	6810	105	3	0	1
36	560 mA	65W	5R	7501	115	3	0	3	7670	118	3	0	3	6857	105	3	0	3
			5W	7309	112	3	0	2	7473	115	3	0	2	6681	103	3	0	1
			TC	7540	116	1	0	1	7694	118	1	0	1	7694	122	1	0	2
			CL	8179	126	2	0	2	8179	126	2	0	2	7467	115	1	0	2
			CR	8205	126	2	0	2	8205	126	2	0	2	7492	115	1	0	2
			FR	9535	118	1	0	1	9730	120	1	0	1	8706	107	1	0	1
			2	9197	114	1	0	2	9385	116	1	0	2	8398	104	1	0	2
			3	9022	111	1	0	2	9206	114	1	0	2	8238	102	1	0	2
			4F	8871	110	1	0	2	9052	112	1	0	2	8100	100	1	0	2
			4W	11587	108	1	0	3	11819	110	1	0	3	10544	98	1	0	3
			5QM	9033	112	3	0	1	9217	114	3	0	1	8248	102	3	0	1
			5R	9095	112	3	0	3	9280	115	3	0	3	8304	103	3	0	3
			5W	8861	109	3	0	2	9043	112	3	0	2	8092	100	3	0	2
			TC	9275	115	1	0	1	9464	118	1	0	1	8468	105	1	0	1
48	700 mA	110W	CL	10060	126	2	0	2	10060	126	2	0	2	9184	115	2	0	2
			CR	10093	126	2	0	2	10093	126	2	0	2	9215	115	2	0	2
			FR	12713	118	1	0	1	12973	120	2	0	1	11608	107	1	0	1
			2	12263	114	2	0	2	12513	116	2	0	2	11197	104	2	0	2
			3	12029	111	2	0	2	12275	114	2	0	2	10984	102	1	0	2
			4F	11828	110	1	0	3	12069	112	1	0	3	10800	100	1	0	2
			4W	11609	108	1	0	3	11841	110	1	0	3	10564	98	1	0	3
			5QM	12044	112	3	0	2	12290	114	3	0	2	10997	102	3	0	1
			5R	12126	112	3	0	3	12374	115	3	0	3	11072	103	3	0	3
			5W	12126	109	4	0	2	12057	112	4	0	2	10789	100	4	0	2
			RC	12366	115	1	0	2	12619	118	1	0	1	11290	105	1	0	2
			CL	13414	122	2	0	3	13414	122	2	0	3	12246	111	2	0	2
			CR	13458	122	2	0	3	13458	122	2	0	3	12287	112	2	0	2
			FR	15891	117	2	0	2	16216	120	2	0	2	14511	107	2	0	1
60	700 mA	136W	2	15329	113	2	0	2	15642	116	2	0	2	13997	103	2	0	2
			3	15037	111	2	0	3	15344	113	2	0	3	13730	101	2	0	3
			4F	14784	109	1	0	3	15086	111	1	0	3	13500	100	1	0	3
			4W	14802	109	2	0	3	15104	112	2	0	3	13515	100	2	0	3
			5QM	15055	111	3	0	2	15362	114	3	0	2	13747	102	3	0	2
			5R	15158	112	4	0	4	15469	114	4	0	4	13841	102	4	0	4
			5W	14781	109	4	0	2	15083	111	4	0	2	13495	100	4	0	2
			TC	15458	115	1	0	2	15834	118	1	0	2	14113	105	1	0	2
			CL	16768	123	3	0	3	16768	123	3	0	3	15309	113	2	0	3
			CR	16823	124	3	0	3	16823	124	3	0	3	15359	113	2	0	3

Mitchell CutSheets-080324-811

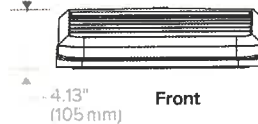
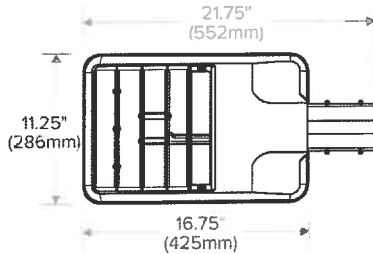
A-6	SHEET:	NONE	SCALE:	8/3/2024	DATE:	DRAWINGS PROVIDED BY: Kim Brown Projects Box 92 Waterbury Center, Vermont 05677 802-244-8156	PROJECT DESCRIPTION: MAD RIVER EYECARE 55 SOUTH MAIN STREET WATERBURY, VERMONT	SHEET TITLE: LT 3 & 4 FIXTURES	NO. DESCRIPTION BY DATE	A-605.4
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VIPER S

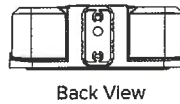
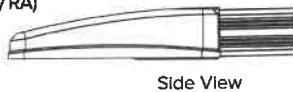
SMALL VIPER LUMINAIRE

DIMENSIONS

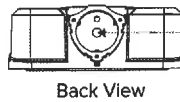
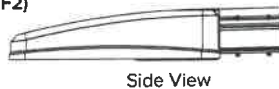


Weight	15.0 lbs (6.8 kg)
EPA	.67 ft ²

A Arm (formerly RA)

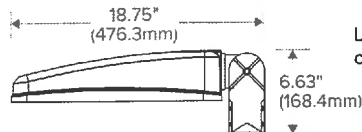


MAF (formerly SF2)



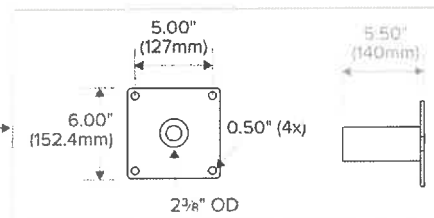
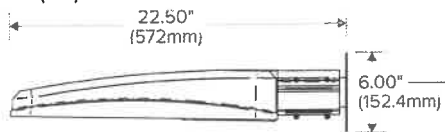
Accepts 2 3/8" OD tenon, min 5" long.

2 3/8" Adjustable Knuckle (K) (formerly PK2)

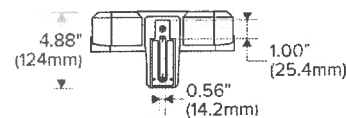
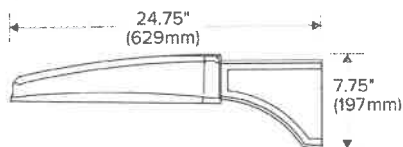


Limit to 30° tilt. Sensor, photocell and wireless controls should not be tilted above horizontal.

Wall Bracket (WB)



AD Decorative Arm



See page 9 for mounting details.

Mitchell CutSheets-080324-811

A-7

SHEET:

NONE

SCALE:

8/3/2024

DATE:

DRAWINGS PROVIDED BY:
Kim Brown Projects
Box 92
Waterbury Center, Vermont 05677
802-244-8156

PROJECT DESCRIPTION:

MAD RIVER EYECARE
55 SOUTH MAIN STREET
WATERBURY, VERMONT

SHEET TITLE:

LT 3 & 4 FIXTURES

NO. DESCRIPTION BY DATE

A-605.5



VIPER S

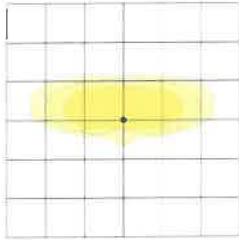
SMALL VIPER LUMINAIRE

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

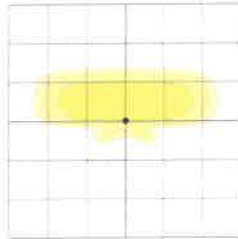
PHOTOMETRY

The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see [website photometric test reports](#).

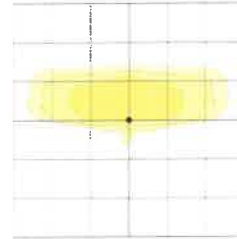
Type FR – Front Row/Auto Optic



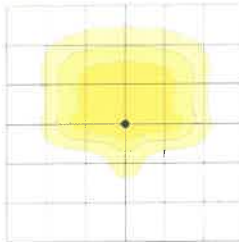
Type 2



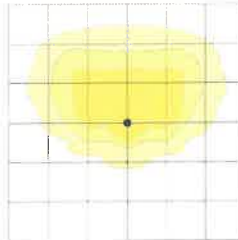
Type 3



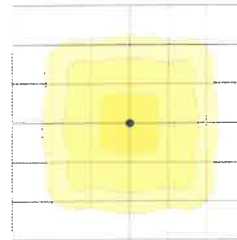
Type 4



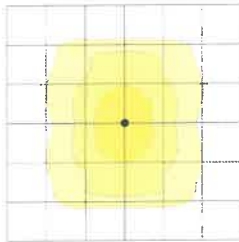
Type 4 Wide



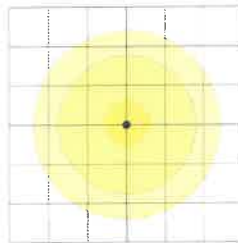
Type 5QM



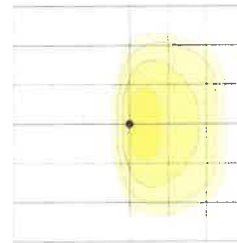
Type 5R (rectangular)



Type 5W (round wide)



Type TC



Mitchell CutSheets-080324-811

A-8

SHEET:

NONE

SCALE:

8/3/2024

DATE:

DRAWINGS PROVIDED BY:
Kim Brown Projects
Box 92
Waterbury Center, Vermont 05677
802-244-8156

PROJECT DESCRIPTION:
MAD RIVER EYECARE
55 SOUTH MAIN STREET
WATERBURY, VERMONT

SHEET TITLE:

LT 3 & 4 FIXTURES

NO.	DESCRIPTION	BY	DATE

A-605.6



VIPER S

SMALL VIPER LUMINAIRE

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

ELECTRICAL DATA

# OF LEDS	NUMBER OF DRIVERS	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	SYSTEM POWER (w)	CURRENT (Amps)
24	1	500 mA	120	39	0.33
			277		0.14
			347		0.11
			480		0.08
24	1	700 mA	120	55	0.5
			277		0.2
			347		0.2
			480		0.1
36	1	525 mA	120	65	0.65
			277		0.28
			347		0.22
			480		0.16
		700 mA	120	80	0.7
			277		0.3
			347		0.2
			480		0.2
48	1	700 mA	120	110	0.9
			277		0.4
			347		0.3
			480		0.2
60	1	700 mA	120	136	1.1
			277		0.5
			347		0.4
			480		0.3

PROJECTED LUMEN MAINTENANCE						
Ambient Temp.	0	25,000	50,000	TM-21-11 60,000 ¹	100,000	Calculated L70 (HOURS)
25°C / 77°C	1	0.97	0.95	0.95	0.92	>377,000

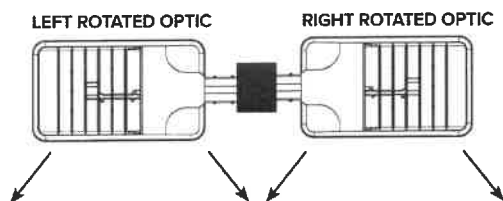
¹ Projected per IESNA TM-21-11.
Data references the extrapolated performance projections for the 60 LED base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.

LIFESHIELD™ CIRCUIT

Protects luminaire from excessive temperature. The device activates at a specific, factory-preset temperature and progressively reduces power over a finite temperature range. Operation is smooth and undetectable to the eye. Thermal circuit is designed to "fail on", allowing the luminaire to revert to full power in the event of an interruption of its power supply or faulty wiring connection to the drivers. The device can co-exist with other 0-10V control devices (occupancy sensors, external dimmers, etc.)

ADDITIONAL INFORMATION

ROTATION OPTIONS



Page 7/9 Rev. 11/03/20
BEA-VIPER-S-SPEC

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701 Millennium Boulevard • Greenville, SC 29607 / Tel: 864.678.1000 / Website: www.beaconproducts.com



A-9

SHEET:

NONE

SCALE:

8/3/2024

DATE:

DRAWINGS PROVIDED BY:

Kim Brown Projects

Box 92
Waterbury Center, Vermont 05677
802-244-8156

PROJECT DESCRIPTION:

MAD RIVER EYECARE
55 SOUTH MAIN STREET
WATERBURY, VERMONT

SHEET TITLE:

LT 3 & 4 FIXTURES

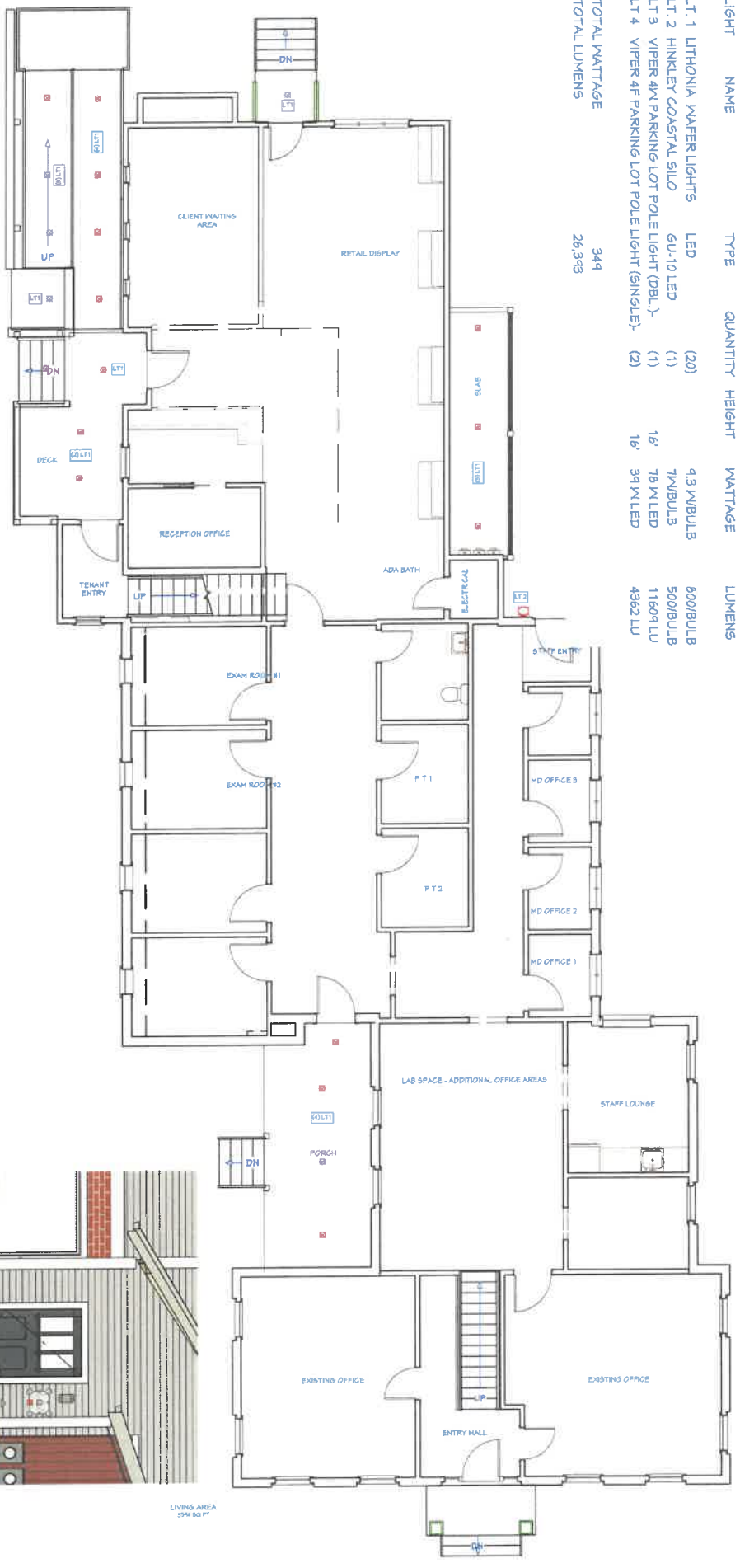
NO.	DESCRIPTION	BY	DATE

A-605.7

LIGHT NAME	TYPE	QUANTITY	HEIGHT	WATTAGE	LUMENS
LT 1 LITHONIA WAFFER LIGHTS	LED	(20)		4.3 W/BULB	800/BULB
LT 2 HINKLEY COASTAL SILO	GU-10 LED	(1)		7W/BULB	500/BULB
LT 3 VIPER 4W PARKING LOT POLE LIGHT (DBL.)		(1)	16'	78 W LED	11609 LU
LT 4 VIPER 4W PARKING LOT POLE LIGHT (SINGLE)		(2)	16'	34 W LED	4362 LU
TOTAL WATTAGE	349				
TOTAL LUMENS	26,393				

Mitchell-Rev-073024-1117 kimbrown@woodsskier.com

LIGHTING PLAN
SCALE - 3/16" = 1'-0"



SHEET: A-17

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

DATE: 8/3/2024

DRAWINGS PROVIDED BY:
Kim Brown Projects
 Box 92
 Waterbury Center, Vermont 05677
 802-244-8156

PROJECT DESCRIPTION:
MAD RIVER EYECARE
55 SOUTH MAIN STREET
WATERBURY, VERMONT

SHEET TITLE:
EXTERIOR LIGHTING PLAN

NO.	DESCRIPTION	BY	DATE

A-601

LIVING AREA
594 SQ FT



Mitchell-Rev-073024-1117

kimbrown@woodskier.com

SHEET:
A-1

SCALE:
NONE

DATE:
7/31/2024

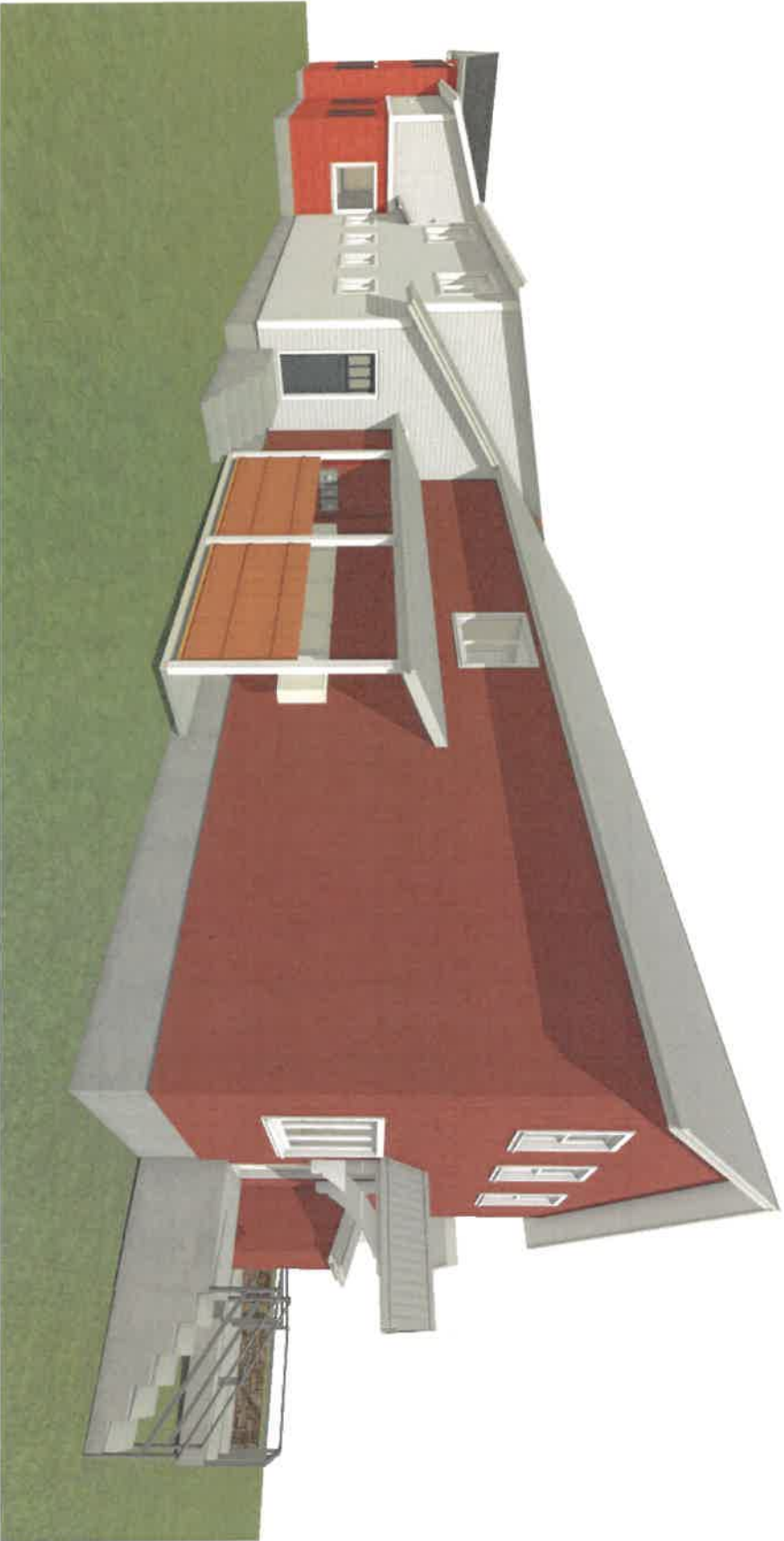
DRAWINGS PROVIDED BY:
Kim Brown Projects
Box 92
Waterbury Center, Vermont 05677
802-244-8156

PROJECT DESCRIPTION:
MAD RIVER EYECARE
55 SOUTH MAIN STREET
WATERBURY, VERMONT

SHEET TITLE:
ISOMETRIC VIEW #1

NO.	DESCRIPTION	BY	DATE

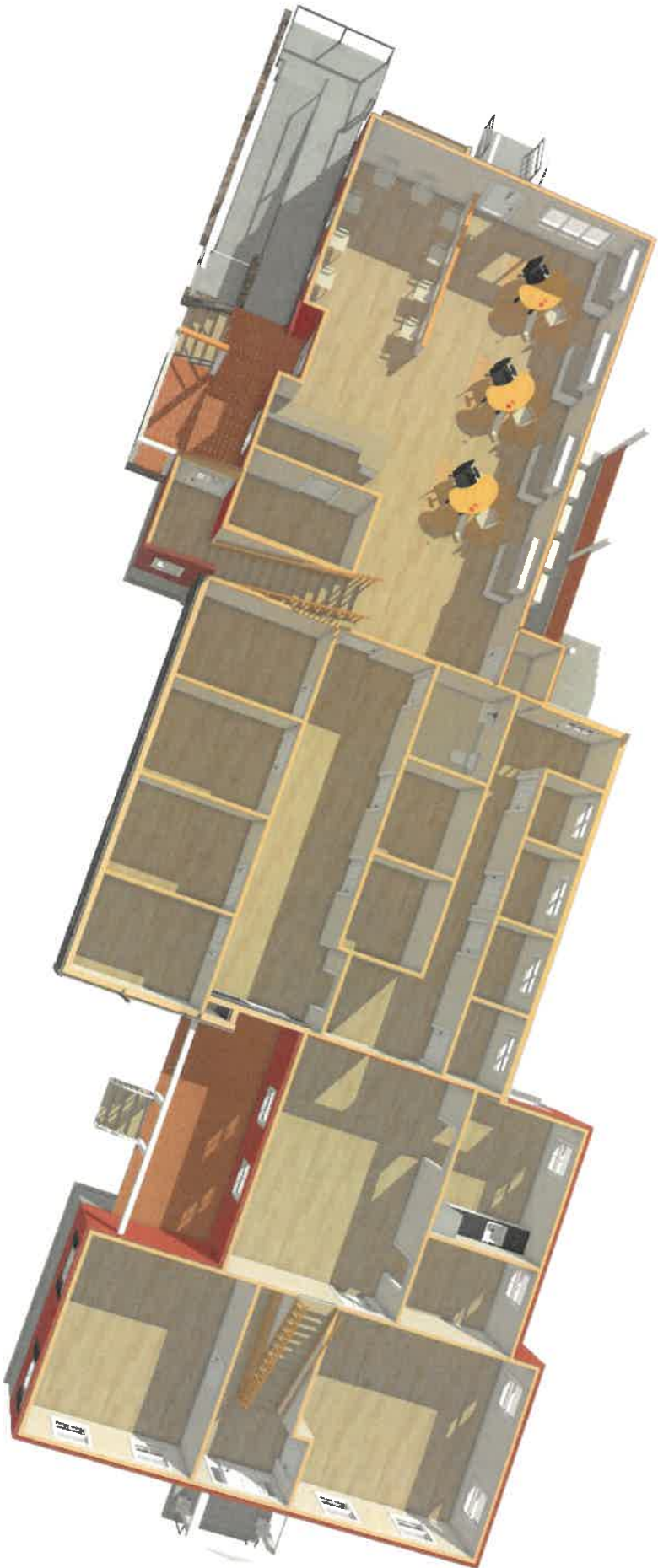
3D.1



Mitchell-Rev-073024-1117

kimbrown@woodsskier.com

SHEET:		SCALE:		DATE:		DRAWINGS PROVIDED BY:		PROJECT DESCRIPTION:		SHEET TITLE:		NO.		DESCRIPTION		BY		DATE		3D.2	
A-2		NONE		7/31/2024		Kim Brown Projects Box 92 Waterbury Center, Vermont 05677 802-244-8156		MAD RIVER EYECARE 55 SOUTH MAIN STREET WATERBURY, VERMONT		ISOMETRIC VIEW #2											



Mitchell-Rev-073024-1117 kimbrown@woodskier.com

SHEET:		SCALE:		DATE:		DRAWINGS PROVIDED BY:		PROJECT DESCRIPTION:		SHEET TITLE:		NO.		DESCRIPTION		BY		DATE		3D.3	
A-3		NONE		7/31/2024		Kim Brown Projects Box 92 Waterbury Center, Vermont 05677 802-244-8156		MAD RIVER EYECARE 55 SOUTH MAIN STREET WATERBURY, VERMONT		1ST FLOOR OVERVIEW											



Mitchell-Rev-073024-1117

kimbrown@woods skier.com

SHEET:

A-4

SCALE:

NONE

DATE:

7/31/2024

DRAWINGS PROVIDED BY:

Kim Brown Projects
Box 92
Waterbury Center, Vermont 05677
802-244-8156

PROJECT DESCRIPTION:

MAD RIVER EYECARE
55 SOUTH MAIN STREET
WATERBURY, VERMONT

SHEET TITLE:

PHOTOS OF EXISTING STRUCTURE

NO. DESCRIPTION BY DATE

PH.1

Mitchell-Rev-07/3024-1117

kimbrown@woods skier.com

SHEET:
A-5

SCALE:
1" = 50'

DATE:
7/31/2024

DRAWINGS PROVIDED BY:
Kim Brown Projects
Box 92
Waterbury Center, Vermont 05677
802-244-8156

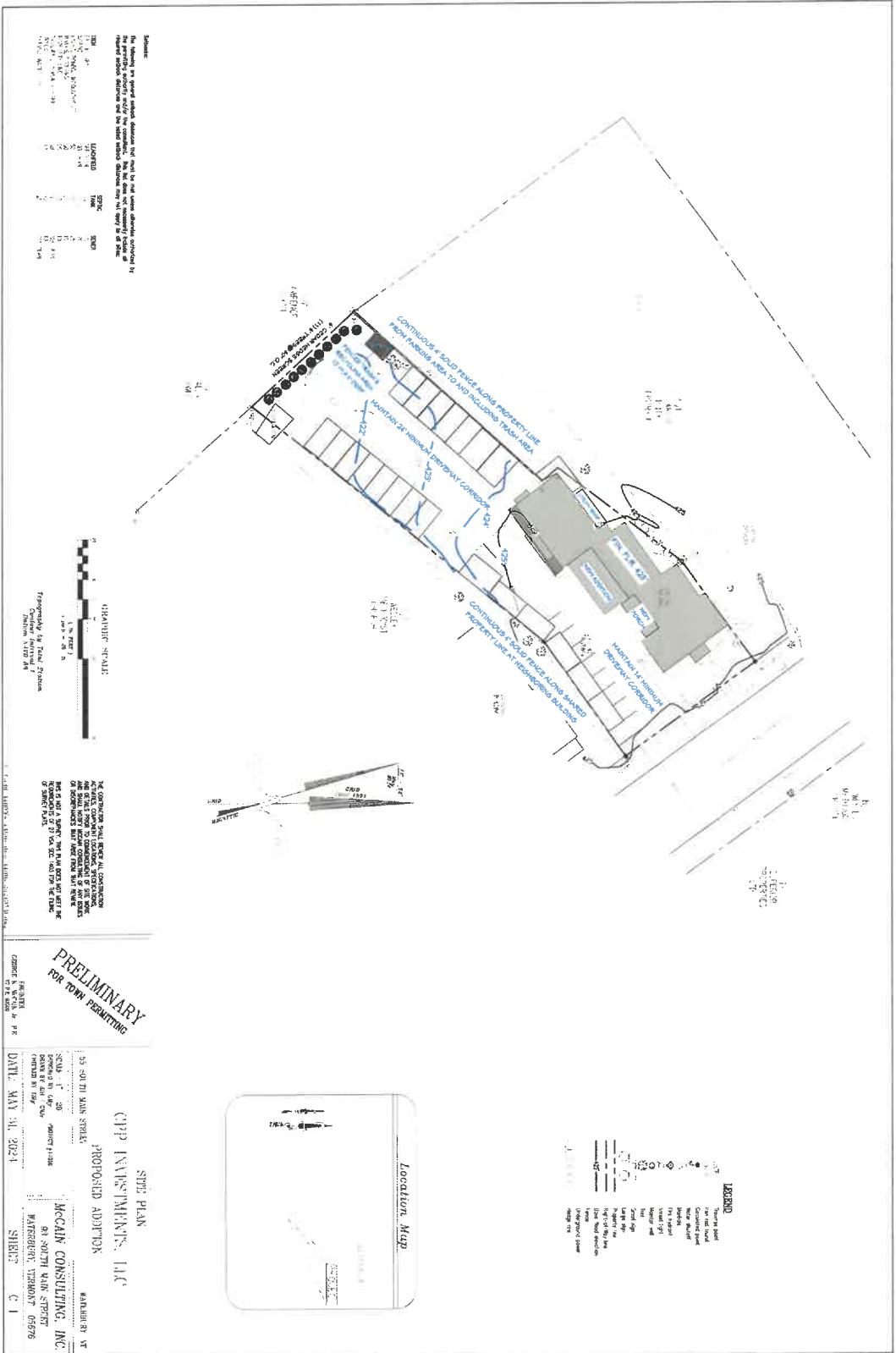
PROJECT DESCRIPTION:
MAD RIVER EYECARE
55 SOUTH MAIN STREET
WATERBURY, VERMONT

SHEET TITLE:

SITE PLAN

NO.	DESCRIPTION	BY	DATE

C-1



Mitchell-Rev-073024-1117

kimbrown@woodsskier.com

SHEET:

A-6

SCALE:

1/8" = 1'-0"

DATE:

7/31/2024

DRAWINGS PROVIDED BY:

Kim Brown Projects
Box 92
Waterbury Center, Vermont 05677
802-244-8156

PROJECT DESCRIPTION:

MAD RIVER EYECARE
55 SOUTH MAIN STREET
WATERBURY, VERMONT

SHEET TITLE:

BASEMENT PLAN

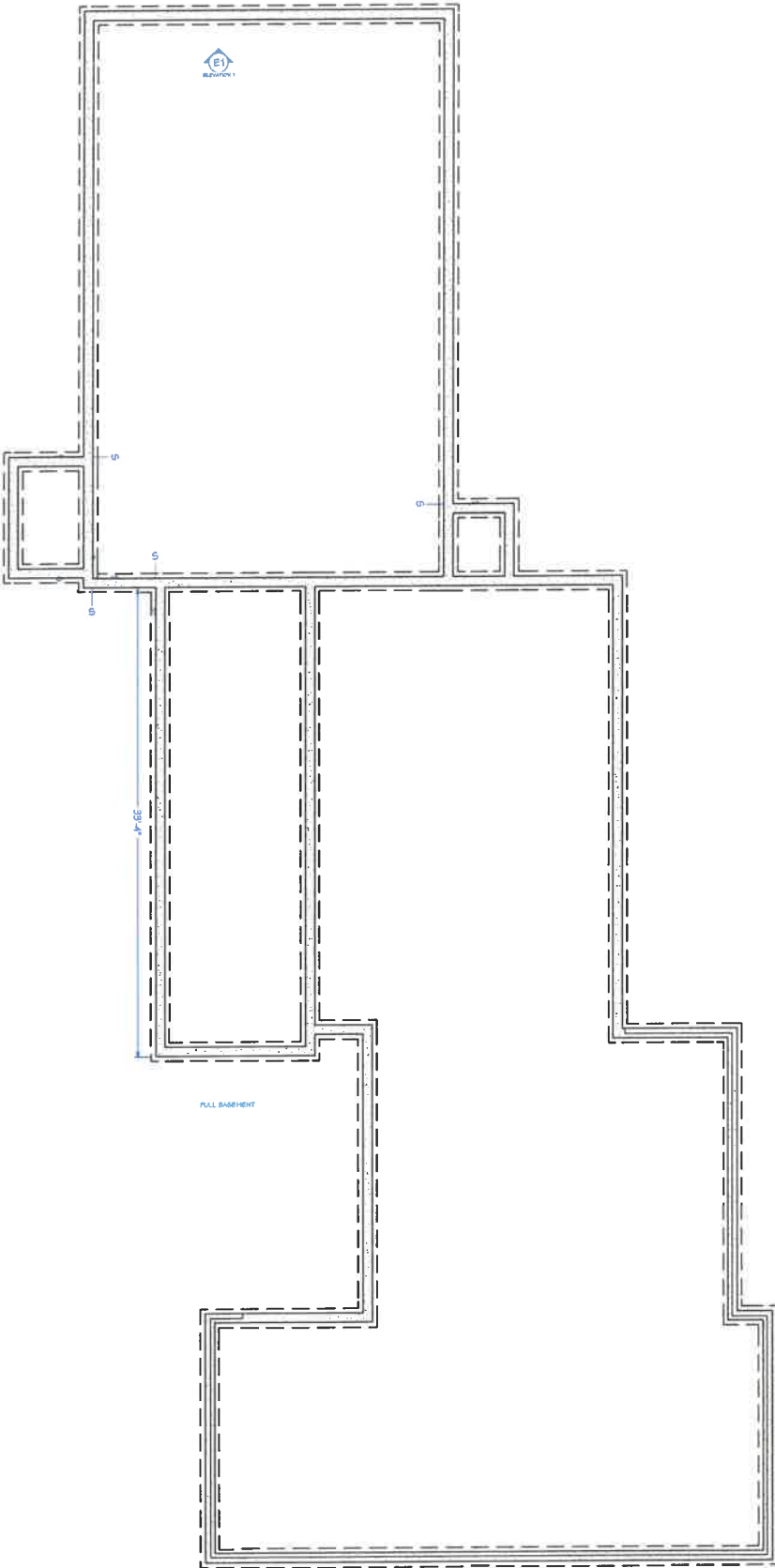
NO.

DESCRIPTION

BY

DATE

A-100



LIVING AREA
2421 SQ. FT.

SHEET:
A-7

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

DATE:
7/31/2024

DRAWINGS PROVIDED BY:
Kim Brown Projects
Box 92
Waterbury Center, Vermont 05677
802-244-8150

PROJECT DESCRIPTION:
MAD RIVER EYECARE
55 SOUTH MAIN STREET
WATERBURY, VERMONT

SHEET TITLE:

1ST FLOOR PLAN

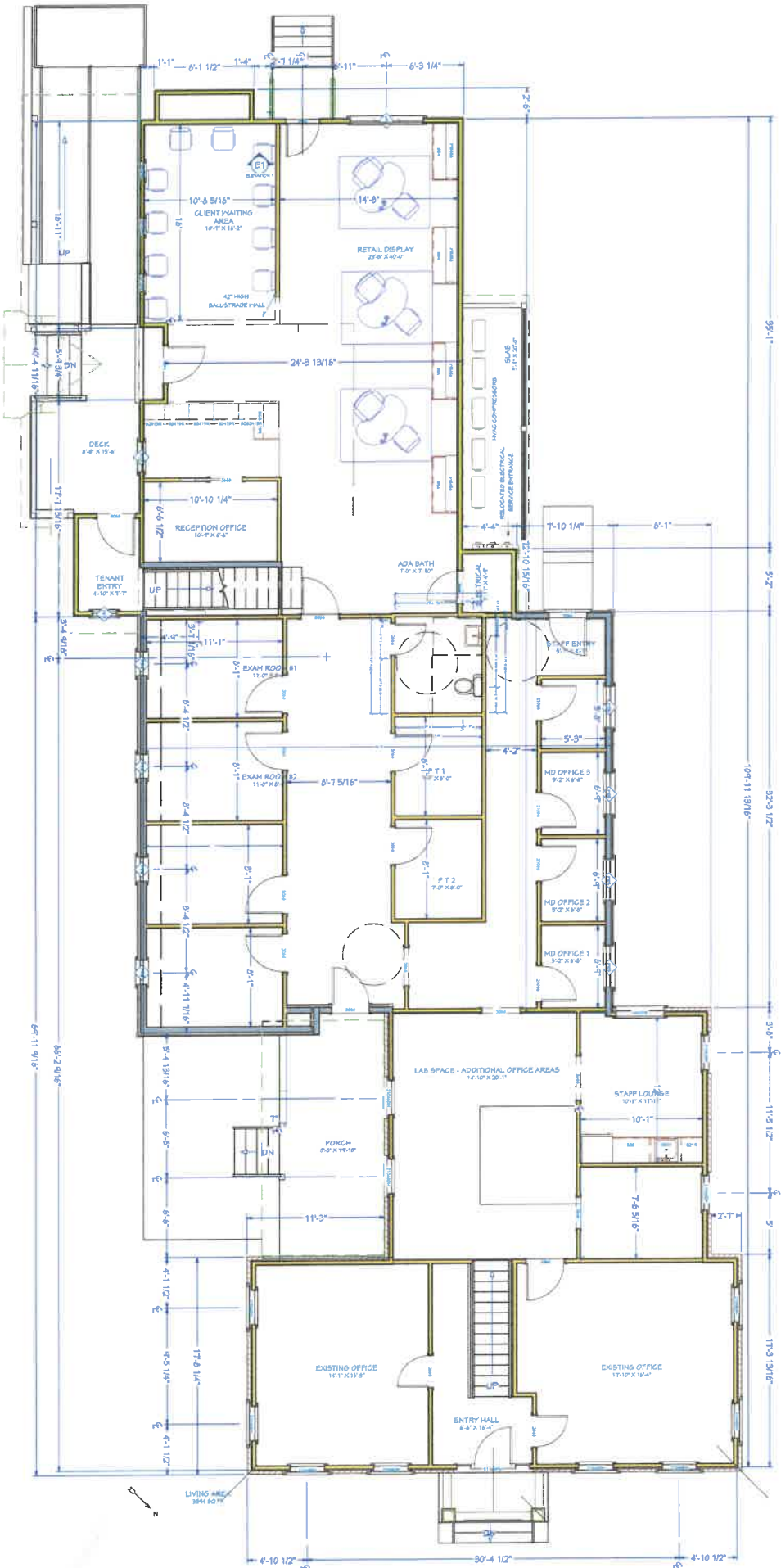
NO.	DESCRIPTION	BY	DATE

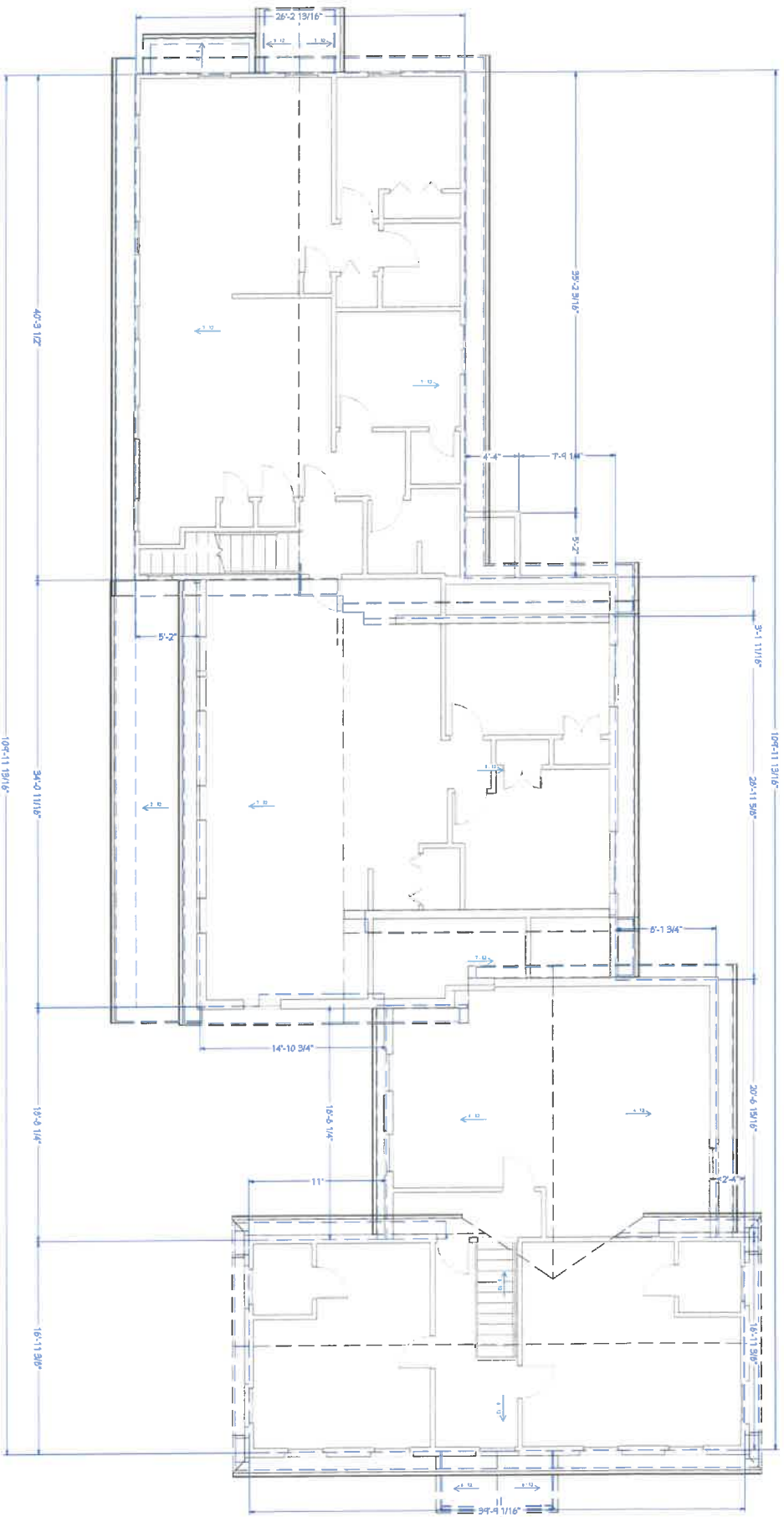
A-101

Mitchell-Rev-073024-1117

kimbrown@woodsskier.com

1ST FLOOR PLAN
SCALE - 3/16" = 1'-0"





ROOF PLAN
SCALE - 3/16" = 1'-0"

Mitchell-Rev-073024-1117 kimbrown@woodskier.com

SHEET: A-9	SCALE: 1/8" = 1'-0"	DATE: 7/31/2024	DRAWINGS PROVIDED BY: Kim Brown Projects Box 92 Waterbury Center, Vermont 05677 802-244-8155	PROJECT DESCRIPTION: MAD RIVER EYECARE 55 SOUTH MAIN STREET WATERBURY, VERMONT	SHEET TITLE: ROOF PLAN	NO.	DESCRIPTION	BY	DATE	A-103
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FRONT ELEVATION
SCALE - 1/8" = 1'-0"

Mitchell-Rev-073024-1117

kimbrown@woodskier.com

SHEET:		SCALE:		DATE:		DRAWINGS PROVIDED BY:		PROJECT DESCRIPTION:		SHEET TITLE:		NO.		DESCRIPTION		BY		DATE		A-201	
A-10		1/8" = 1'-0"		7/31/2024		Kim Brown Projects Box 92 Waterbury Center, Vermont 05677 802-244-8156		MAD RIVER EYECARE 55 SOUTH MAIN STREET WATERBURY, VERMONT		FRONT ELEVATION											



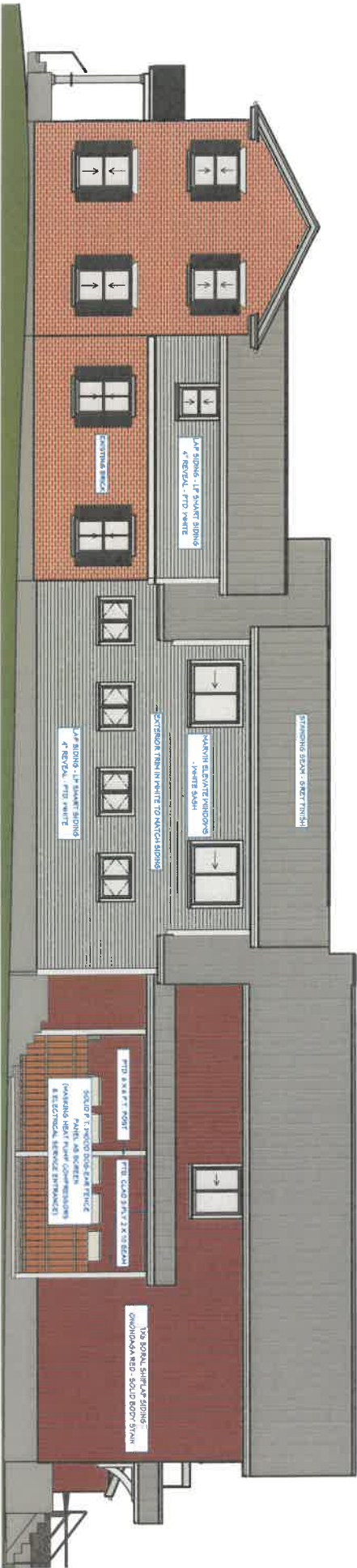
LEFT ELEVATION

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

Mitchell-Rev-073024-1117

kimbrown@woodskier.com

SHEET: A-11		SCALE: 1/8" = 1'-0"		DATE: 7/31/2024		DRAWINGS PROVIDED BY: Kim Brown Projects Box 92 Waterbury Center, Vermont 05677 802-244-8155		PROJECT DESCRIPTION: MAD RIVER EYECARE 55 SOUTH MAIN STREET WATERBURY, VERMONT		SHEET TITLE: LEFT ELEVATION		NO.		DESCRIPTION		BY		DATE		A-202	
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RIGHT ELEVATION
SCALE - 1/8" = 1'-0"

Mitchell-Rev-073024-1117

kimbrown@woodsskier.com

SHEET:		SCALE:		DATE:		DRAWINGS PROVIDED BY:		PROJECT DESCRIPTION:		SHEET TITLE:		NO.		DESCRIPTION		BY		DATE		A-203	
A-12		1/8" = 1'-0"		7/31/2024		Kim Brown Projects Box 92 Waterbury Center, Vermont 05677 802-244-8135		MAD RIVER EYECARE 55 SOUTH MAIN STREET WATERBURY, VERMONT		RIGHT ELEVATION											



REAR ELEVATION

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

Mitchell-Rev-073024-1117

kimbrown@woodsskier.com

SHEET:
A-13

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

DATE:
7/31/2024

DRAWINGS PROVIDED BY:
Kim Brown Projects
Box 92
Waterbury Center, Vermont 05677
802-244-8155

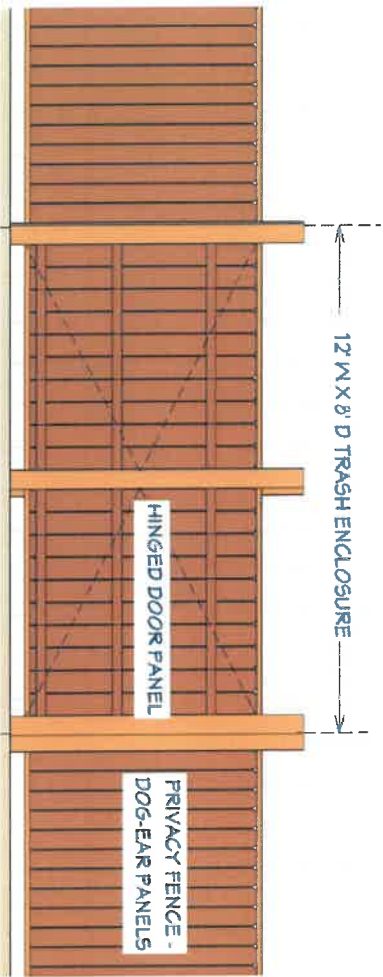
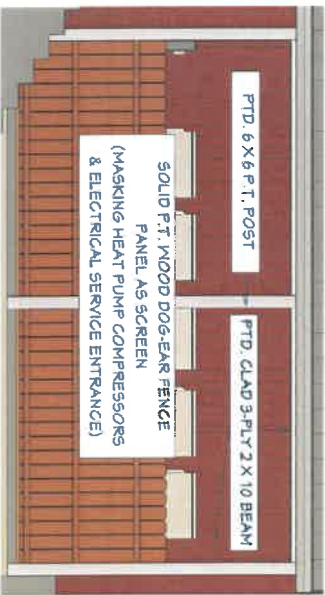
PROJECT DESCRIPTION:
MAD RIVER EYECARE
55 SOUTH MAIN STREET
WATERBURY, VERMONT

SHEET TITLE:

REAR ELEVATION

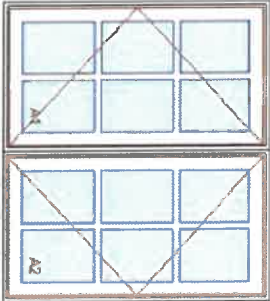
NO.	DESCRIPTION	BY	DATE

A-204



Mitchell-Rev-073024-1117 kimbrown@woodsskier.com

SHEET: A-14	SCALE: NONE	DATE: 7/31/2024	DRAWINGS PROVIDED BY: Kim Brown Projects Box 92 Waterbury Center, Vermont, 05677 802-244-8155	PROJECT DESCRIPTION: MAD RIVER EYECARE 55 SOUTH MAIN STREET WATERBURY, VERMONT	SHEET TITLE: FENCE DETAILS	NO. DESCRIPTION BY DATE	A-401
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As Viewed From The Exterior

PS 40" X 35 1/8"
EO 41" X 35 5/8"
Egress Information A1, A2
Width: 11 15/64" Height: 30 23/32"
Net Clear Opening: 2.40 Sqft
Performance Information A1, A2
U-Factor: 0.27
Solar Heat Gain Coefficient: 0.27
Visible Light Transmittance: 0.46
Condensation Resistance: 59
CPD Number: MAR-N-250-01072-00001

Stone White Exterior
White Interior
2W1H - Rectangle Assembly
Assembly Rough Opening
41" X 35 5/8"

Unit: A1

Elevate Casement - Left Hand
CN 2135
Rough Opening 21" X 35 5/8"
Stone White Exterior
White Interior

IG

Low E2 w/Argon
Stainless Perimeter and Spacer Bar
7/8" SDL - With Spacer Bar - Stainless
Rectangular - Special Cut 2W3H
Stone White Ext. - White Int
White Folding Handle
Interior Aluminum Screen
Bright View Mesh
White Surround

Unit: A2

Elevate Casement - Right Hand
CN 2135
Rough Opening 21" X 35 5/8"
Stone White Exterior
White Interior

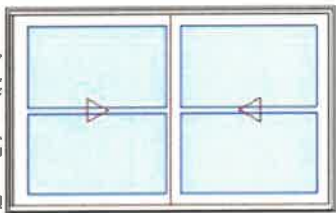
IG

Low E2 w/Argon
Stainless Perimeter and Spacer Bar
7/8" SDL - With Spacer Bar - Stainless
Rectangular - Special Cut 2W3H
Stone White Ext. - White Int
White Folding Handle
Interior Aluminum Screen
Bright View Mesh
White Surround

4 9/16" Jambs

Nealing Fin

***Note: Divided lite cut alignment may not be accurately represented in the
OM5 drawing. Please consult your local representative for exact specifications.
***Note: Unit Availability and Price is Subject to Change



As Viewed From The Exterior

PS 34 1/8" X 54 1/8"
EO 34 1/2" X 53 3/4"
Egress Information
Width: 30 15/32" Height: 21 37/64"
Net Clear Opening: 4.57 Sqft
Performance Information
U-Factor: 0.29
Solar Heat Gain Coefficient: 0.28
Visible Light Transmittance: 0.47
Condensation Resistance: 56
CPD Number: MAR-N-424-00768-00001

7/8" SDL - With Spacer Bar - Stainless
Rectangular 2W1H
Stone White Ext. - White Int
White Weather Strip Package
1 White Sash Lock
Exterior Aluminum Screen
Stone White Surround
Bright View Mesh
3 1/4" Jambs
Thru Jambs Installation
Existing Sill Angle B
***Note: Divided lite cut alignment may not be accurately represented in the
OM5 drawing. Please consult your local representative for exact specifications
***Note: Unit Availability and Price is Subject to Change

EXISTING WINDOWS IN BRICK PORTION OF HOUSE
WILL BE EITHER REBUILT OR REPLACED WITH
MARVIN UNITS DETAILED TO MATCH EXISTING WINDOW UNITS

Mitchell-Rev-073024-1117

kimbrown@woodskier.com

SHEET:
A-15

SCALE:
NONE

DATE:
7/31/2024

DRAWINGS PROVIDED BY:
Kim Brown Projects
Box 92
Waterbury Center, Vermont 05677
(802)244-9150

PROJECT DESCRIPTION:
MAD RIVER EYECARE
55 SOUTH MAIN STREET
WATERBURY, VERMONT

SHEET TITLE:
MARVIN ELEVATE WINDOW DETAILS

NO.	DESCRIPTION	BY	DATE

A-402

SHEET:

A-16

SCALE:

NONE

DATE:

7/31/2024

DRAWINGS PROVIDED BY:

Kim Brown Projects
Box 92
Watbury Center, Vermont 05677
802-244-8156

PROJECT DESCRIPTION:

MAD RIVER EYECARE
55 SOUTH MAIN STREET
WATERBURY, VERMONT

SHEET TITLE:

NEW WINDOW SCHEDULE

NO.

DESCRIPTION

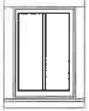
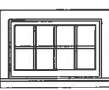
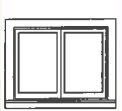
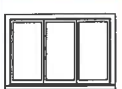
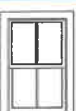
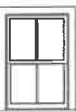
BY

DATE

A-501

Mitchell-Rev-073024-1117

kimbrown@woodskier.com

WINDOW SCHEDULE									
NO.	WINDOW ELEVATION NUMBER	MODEL	QTY	SIZE	SW	EXTERIOR DESCRIPTION	HEADER	FOOT	MANUFACTURER
	W01	ELAWN9139	1	3033AM	31"X40 1/8"	SINGLE AWNING	2X6X40" (2)		MARVIN ELEVATE SERIES
	W02	ELAWN2535	1	20211AM	25"X36 1/8"	SINGLE AWNING	2X6X28" (2)		MARVIN ELEVATE SERIES
	W03	ELAWN9123	2	30111AM	31"X24 1/8"	SINGLE AWNING	2X6X40" (2)		MARVIN ELEVATE SERIES
	W04	ELAWN9135	5	28211AM	33"X36 1/8"	SINGLE AWNING	2X6X36" (2)		MARVIN ELEVATE SERIES
	W05	ELCA2191 2W	4	3523DG	42"X32 5/8"	DOUBLE CASEMENT-LH/RHR	2X6X45" (2)		MARVIN ELEVATE SERIES
	W06	ELCA2535	4	202115G	25"X36 1/8"	SINGLE CASEMENT-HL	2X6X28" (2)		MARVIN ELEVATE SERIES
	W07	ELCA2547	1	209115G	25"X48 1/8"	SINGLE CASEMENT-HL	2X6X28" (2)		MARVIN ELEVATE SERIES
	W08	ELCA2547 3W	1	60311TC	73"X48 1/8"	TRIPLE CASEMENT-LH/RHR	2X10X78" (2)		MARVIN ELEVATE SERIES
	W09	ELDH3040	1	2634DH	30 1/2"X48 3/4"	DOUBLE HUNG	2X6X33 1/2" (2)		MARVIN ELEVATE SERIES
	W10	ELDH3048	1	2640DH	30 1/2"X48 3/4"	DOUBLE HUNG	2X6X33 1/2" (2)		MARVIN ELEVATE SERIES
	W11	ELDH3048	5	2840DH	32 1/2"X48 3/4"	DOUBLE HUNG	2X6X35 1/2" (2)		MARVIN ELEVATE SERIES
	W12	ELDH9452	4	21044DH	34 1/2"X32 3/4"	DOUBLE HUNG	2X6X31 1/2" (2)		MARVIN ELEVATE SERIES
	W13	ELGL4848E	1	4040LS	48 1/2"X48 3/4"	YES LEFT SLIDING	2X6X51 1/2" (2)		MARVIN ELEVATE SERIES
	W14	ELGL6048E	2	5040LS	60 1/2"X48 3/4"	YES LEFT SLIDING	2X6X69 1/2" (2)		MARVIN ELEVATE SERIES