

2024-11-19 ISSUED FOR SPA Date: Issue/Revision

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. SHOMALI 100036483

Project North: True North:



OAKVILLE, C L6H 0X7 T. 905.281.4444

MATAJ ARCHITECTS INC

Client: Dr. Sandra Iroakazi

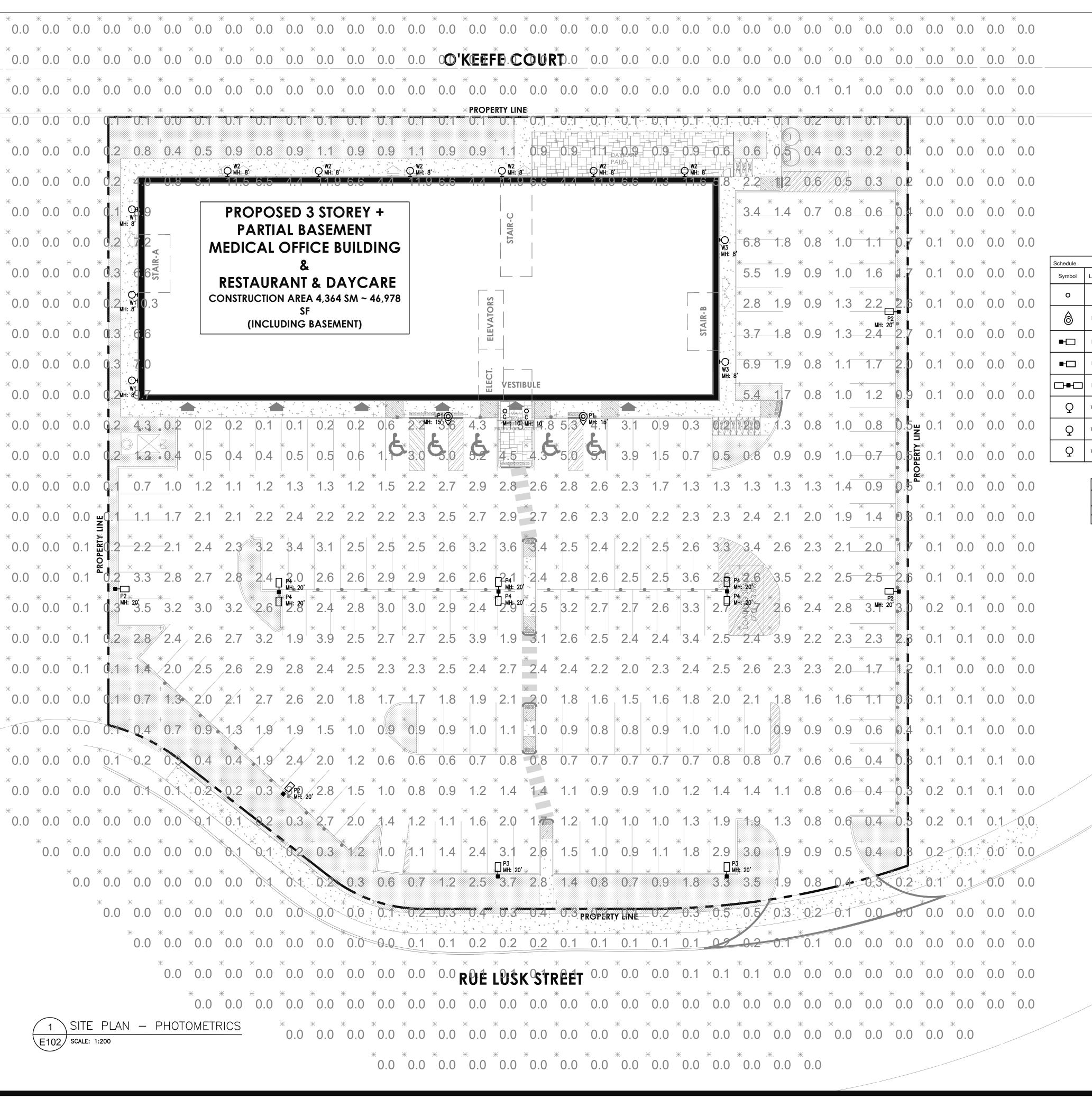
LUSK MEDICAL BUILDING

120 LUSK STREET OTTAWA, ON

SITE PLAN ELECTRICAL LAYOUT

Drawn By: Approved By: G.S. Project No.: 35-24 AS SHOWN

E101



Schedule							
Symbol	Label	QTY	Manufacturer	Catalog	LLF	Total Output	Input Power
0	С	2	Lotus LED Lights	DL254-6-30W-M-A5C5- HO-16W-3000K	1	1820	15.0452
<⊚	P1	2	RAB Design Lighting	SKY2S-LED80A40-H-VK- WA-BLK-DIM-PT2A-SP10 (40W 120V 4K)	0.9	5033	40.1669
•—	P2	4	Lumecon	LDS-SAL-45-DB-T3-1-30- -MAS-BL	0.9	3638	45
•	P3	2	Lumecon	LDS-SAL-110-DB-T4-1- 30-MAS-BL	0.9	6274	110
	P4	3	Lumecon	LDS-SAL-60-DB-T5-1-30	0.9	16348	119.6
Q	W1	3	WISCONSIN LIGHTING LAB	NF-WCS-22-30-xx-1S	0.9	2896	22
Q	W2	6	WISCONSIN LIGHTING LAB	NF-WCS-22-30-xx-2M	0.9	2896	22
Q	W3	2	WISCONSIN LIGHTING LAB	NF-WCS-45-30-xx-4M	0.9	5929	43.7

Statistics				_		
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PARKING LOT	Ж	1.9 fc	6.9 fc	0.3 fc	23.0:1	6.3:1
SPILL	Ж	0.0 fc	0.3 fc	0.0 fc	N/A	N/A

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Note:
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Drawing Issues/Revisions:

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R STAMP Project North



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MATAJ ARCHITECTS INC.

Client: Dr. Sandra Iroakazi

Projec

LUSK MEDICAL BUILDING

120 LUSK STREET OTTAWA, ON

Sheet Title:

SITE PLAN - PHOTOMETRICS

Design By:	Drawn By:	Approved By:
N.P.	N.P.	G.S.
Scale:	Date:	Project No.:
AS SHOWN		35-24

Drawing No:

E102

Drawing Series:



LDS - SAL LED Small Area Light



Project:	
O GEORGEOGO	
Comments:	

The sleek fixture design of the LDS-SAL is a blend of modern sophistication and unmatched energy efficiency. The LDS-SAL small area light includes the benefits of superior thermal efficiency, an industry-leading ten-year all-parts warranty, and custom optics ensuring best-in-class photometric results. Optimize photometric designs with greater pole spacing, uniformity, and lower energy usage. The LDS-SAL includes lumen packages up to 30,000 lumens allowing one-for-one replacements of existing HID fixtures up to 1000 Watt and is a perfect spec-grade solution for parking lots, pathways, tennis courts, and many other outdoor applications. Proudly Made in the USA.

Technical Specifications

Input Voltage: 120-277V or 347-480V. Housing: Die-cast aluminum housing with 60% gloss polyester powder coat finishes for maximum durability. The base aluminum material is prepared using an environmentallyfriendly non-chrome 2-step surface cleaning and passivation process. The process results in a more durable conversion layer than traditional chromate conversion coatings and allows maximum adhesion of the powder coating to the aluminum substrate. Housing features an integrated heat sink and driver compartment built into the fixture design.

Mounting: Mounting arm designed for a square / round pole (standard). Additional mounting options include a pole mounting arm adaptor. Split Circuit: Optional

Effective Projected Area (EPA): 0.83 ft2

Color Temperature: 2200K, 2700K, 3000K, 4000K (standard), 5000K. LED Lifetime: All LEDs are rated for a minimum of 100,000 hours of continuous operation at ambient outdoor temperatures from -40°F/-40°C to 115°F/46°C. Color Rendering Index (CRI): Minimum of 80 or higher. CRI 90+ available upon request. CRI

Dimming: 0-10V standard dimming capability. Custom Optics: Lumecon meticulously engineered premium acrylic optical lenses to maximize the distribution and uniformity of light while minimizing cost. Our arrays distribute light at least 21% further and with 29% more uniformity than leading competitors. Lumecon

custom lenses create a uniform, well-lit environment that mitigates illuminance "hot spots" and use less wattage than typical LED area lights. Vandal Resistant: Our lens is also resistant to vandalism with a low compact design making

the lens material dense and impact resistant. We build to withstand high abuse lighting

Surge Protection: Thermally protected 20kA/ 40kV varistor type surge suppressor is included and meets ANSI C136.2-2015: Extreme Level. Also meets IEC61643-11 Class II / EN61643-11 Type 2, and US Dept of Energy MSSLC Model Spec for surge protection. The device is wired in series with the luminaire input power in order to interrupt power to the luminaire when consumed, protecting the LED power supply and circuit boards from additional electrical

Lumecon ETD™ System: The enhanced thermal dissipation system engines are thermally bonded to provide maximum thermal dissipation to the exterior of the fixture to ensure long life. To protect the light engine panel from moisture and corrosion, the LED light engine panel is uniformly coated with a UV stabilized acrylic polymer resin that meets MIL and ASTM dielectric standards, UL, and IPC standards for flammability, moisture resistance and thermal shock. Certification Data: ETL Listed to UL 1598, UL 8750 Wet Locations. *Full compliance and test documentation is available for TM-21, LM-79, LM-80, ETL Listing to UL1598 and UL 8750.Salt Fog tested for 3,000 hours per ASTM B117-16 / ASTM D610-08. Ingress Protection: IP66 per

ANSI/IEC 60529-2004. Passed 3G vibration @ 100K cycles, per ANSI C136.31-2018. DesignLights Consortium® (DLC) Qualified Product: Unless noted, not all versions of this product may be DLC® qualified. For a complete list of Lumecon DLC® Qualified Products visit: www.designlights.org.

Dimulator Photo-Control: Maximize the cost-saving benefits of your outdoor LED light fixtures with the stand-alone Dimming solution. All Dimulators (except for CD and DIM 3 versions) have three selectable dimming levels (30%,50%, 70%) with three different start times (10:00 pm, Midnight, or 2:00 am), which are selectable through the ten position selector switch located on the bottom of the base. All dimming schedules will return to full brightness at 5:00 am. The stand-alone unit is made to work with the ANSI C136.41 receptacle and will provide dimming

Manufacturing Origin: US Manufactured and Assembled. BABA Compliant: Meets Build America, Buy America Act Included in the Infrastructure Investment and Jobs Act, Public Law Number 117-58, Title IX, Subtitle A, Part I – Buy America Sourcing Requirements, Sections 70911-70917 stating Manufactured in the U.S. The cost of components mined, produced, or manufactured in the U.S. is greater than 55 percent of the

total cost of all manufactured product components. Warranty: 10 Year L70 performance based warranty. For full warranty terms, please visit our

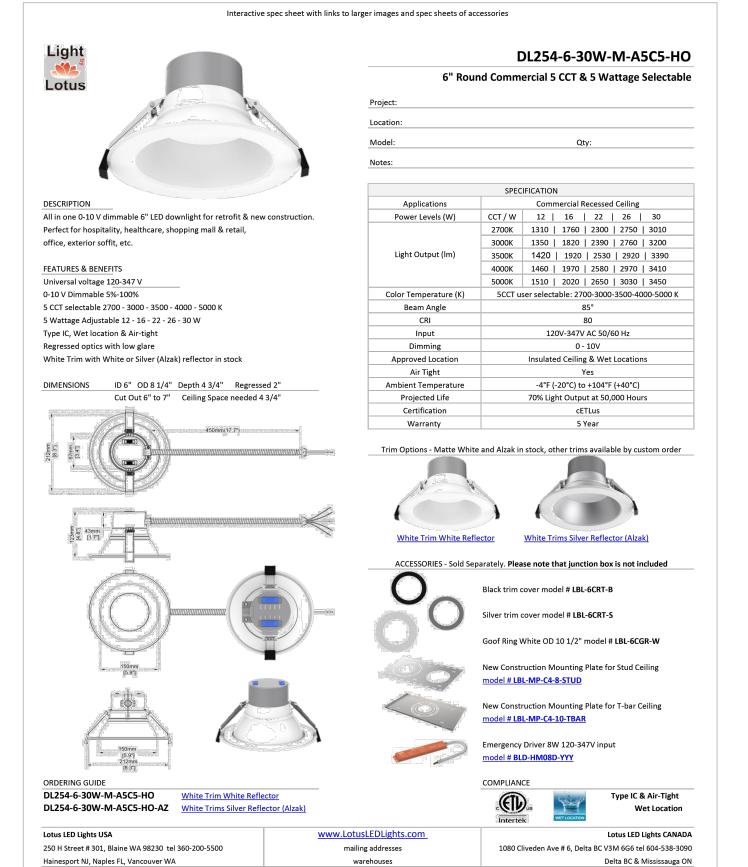
Email: sales@lumecon.com Website: www.lumecon.com Phone: 248-477-5009
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Note: Specifications and photometric data are subject to change at any time without notice.

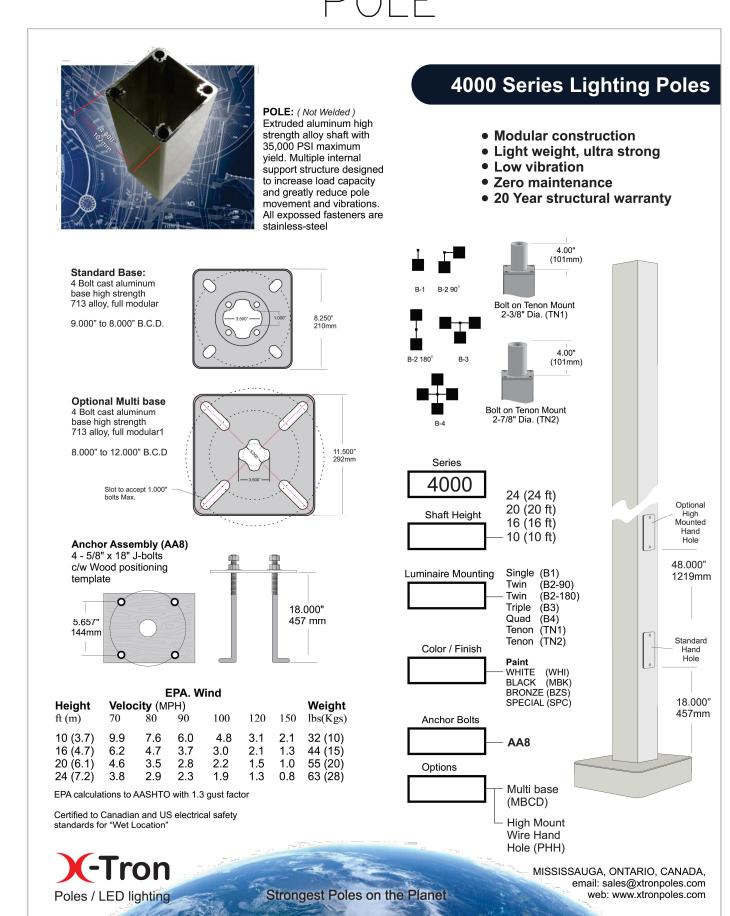




TYPE C







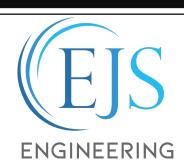


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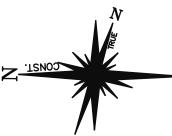
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T. 905.281.4444



Client: Dr. Sandra Iroakazi

LUSK MEDICAL BUILDING

120 LUSK STREET OTTAWA, ON

SITE PLAN - LIGHTING TYPES & CUTSHEETS

	Design By:	Drawn By:	Approved By:		
	N.P.	N.P.	G.S.		
	Scale:	Date:	Project No.:		
П	AS SHOWN		35-24		

Drawing No:

E103

Drawing Series: