



1 ELECTRICAL SITE PLAN
ES-1 SCALE: 1 : 600

CALCULATION SUMMARY							
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	AVG/MIN	MAX/MIN
BOUNDARY LINE	ILLUMINANCE	Fc	0.09	0.3	0.0	N.A.	N.A.
CAR PARKING AND DRIVEWAY	ILLUMINANCE	Fc	1.82	4.1	0.5	3.64	8.20
LOADING DOCKS	ILLUMINANCE	Fc	2.35	3.8	1.4	1.68	2.71
OUTDOOR STORAGE AREA	ILLUMINANCE	Fc	1.09	3.8	0.2	5.45	19.00
TRUCK DRIVEWAY	ILLUMINANCE	Fc	1.53	4.5	0.2	7.65	22.50
TRUCK PARKING	ILLUMINANCE	Fc	1.57	2.4	0.5	3.14	4.80

GENERAL LIGHTING NOTES:
1. ALL LIGHT FIXTURES ARE TO BE DARK SKY COMPLIANT AND BIRD FRIENDLY.

LUMINAIRE SCHEDULE						
SYMBOL	TYPE	MOUNTING	DESCRIPTION	MANUFACTURER AND MODEL NUMBER	WATTS	LUMENS
◻	EPS	20' ROUND TAPERED POLE	LOW PROFILE, 347V, LED HEAD SHIELDED FROM PUBLIC ROAD ON LIGHT POLE AND 3' ARTFORM BASE.	US ARCHITECTURAL LIGHTING CAT.# RZR-M-PLED-IV-FT-48LED-700mA-NW-HS	120 MAX.	10000 MIN.
◻	RWW1	35' ROUND TAPERED POLE	LOW PROFILE, 347V, LED HEAD ON LIGHT POLE AND 3' ARTFORM BASE.	US ARCHITECTURAL LIGHTING CAT.# RZR-M-PLED-IV-FT-48LED-700mA-NW-HS.	280 MAX.	25000 MIN.
○	SDR	32" IN HIGH SOFFIT	ROUND, 120V LED DOWN LIGHT IN SOFFIT.	USA1 LIGHTING CAT.# B4RAF-25-24G1-40KS-R50-S-STD TRIM FINISH-NCIC-120-D19	40 MAX.	3000 MIN.
○	SDR1	32" IN HIGH SOFFIT	ROUND, 120V LED DOWN LIGHT IN SOFFIT.	USA1 LIGHTING CAT.# B4RAF-25-24G1-40KS-R50-S-STD TRIM FINISH-NCIC-120-D19 Tilt at 30° from nadir	40 MAX.	3000 MIN.
◻	TPD	35' ROUND TAPERED POLE	LOW PROFILE, 347V, LED HEAD, ON LIGHT POLE AND 5' BASE.	US ARCHITECTURAL LIGHTING CAT.# RZR-G-PLED-IV-FT-120LED-1050mA-40K	450 MAX.	35000 MIN.
◻	TPS	35' ROUND TAPERED POLE	LOW PROFILE, 347V, LED HEAD SHIELDED FROM ADJACENT PROPERTY ON LIGHT POLE AND 5' BASE.	US ARCHITECTURAL LIGHTING CAT.#RZR-G-PLED-IV-FT-120LED-1050mA-NW-HS	450 MAX.	35000 MIN.
HO	WM1	15' ON WALL	LOW PROFILE, 347V, SMALL LED SURFACE MOUNTED LIGHTING FOR NARROW ROAD	US ARCHITECTURAL LIGHTING CAD.#RZR-WM1-PLED-II-20LED-350mA-NW.	40	4147
HO	WM2	20' ON WALL	LOW PROFILE, 347V, SMALL LED SURFACE MOUNTED LIGHTING FOR NARROW ROAD	US ARCHITECTURAL LIGHTING CAD.#RZR-WM1-PLED-IV-20LED-525mA-NW	32.4	4278
HO	WM3	24' ON WALL	LOW PROFILE, 347V, SMALL LED SURFACE MOUNTED HIGH FOR LOADING AREA	U.S. ARCHITECTURAL LIGHTING CAD.#RZR-WM1-PLED-II-20LED-700mA-NW.	43.4	5372
HO	WM4	28' ON WALL	LOW PROFILE, 347V, SMALL LED SURFACE MOUNTED HIGH FOR LOADING AREA	U.S. ARCHITECTURAL LIGHTING CAD.#RZR-WM2-PLED-IV-FT-40LED-1050mA-NW-347-FINISH	128.2	14858

hj
HAMMERSCHLAG & JOFFE INC.
43 Lesmill Road, Toronto, Ontario
Canada M3B 2T8
T: (416) 444.9263
F: (416) 444.1463
E: dwg@hamjof.com



**NATIONAL CAPITAL
BUSINESS PARK - SITE 2
BUILDING D
4120 RUSSELL RD
1100 & 1200 Last Mile Dr.
Ottawa, ON, CANADA**

DATE	ISSUED FOR	REMARKS
16.DEC.2022	ISSUED FOR: SFA	
1		

PA / PM:	J.W.
DRAWN BY:	J.W./J.Z.
JOB NO.:	22-000-181

SHEET
ESP-1

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