

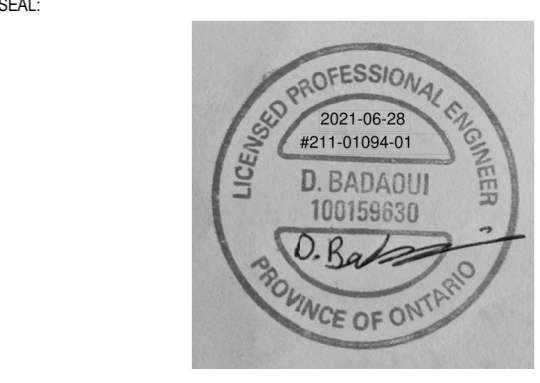


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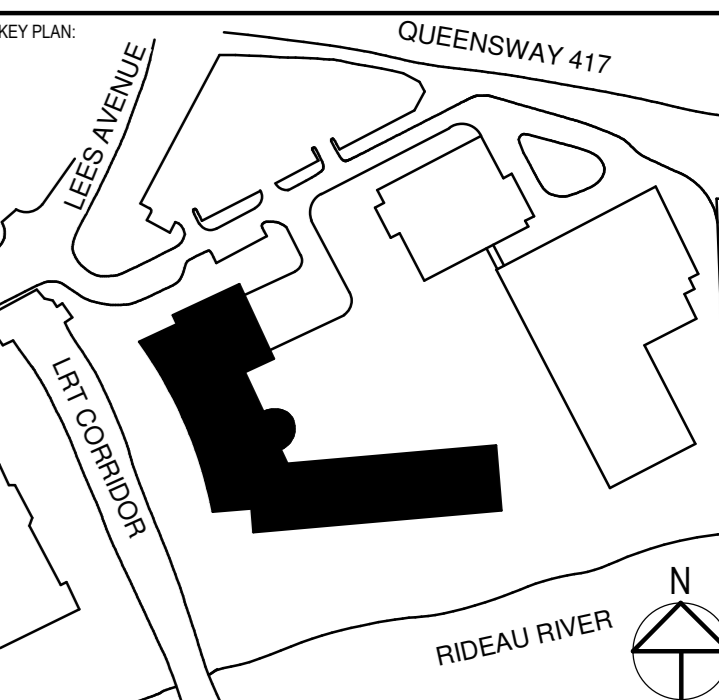
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- GENERAL NOTES:
1. PROVIDE COMPLETE DEMOLITION OF ELECTRICAL EQUIPMENT, FEEDERS AND DEVICES. ENSURE ON-SITE GENERATORS SERVING DISTRIBUTION EQUIPMENT TO BE REMOVED IS LOCKED OUT.
 2. REMOVE EXISTING TELECOMMUNICATION CONDUIT INFRASTRUCTURE BACK TO NEAREST MANHOLE.
 3. PROVIDE TEMPORARY BURIED EMPTY RIGID PVC CONDUITS WITH PULL ROPE FOR TEMPORARY TELECOMMUNICATION SERVICES TO BE DEMOLISHED. PROVIDE NEW FIRE ALARM ANNUNCIATOR AT BLOCK E FIRE FIGHTERS ENTRANCE IN MAIN VESTIBULE.
 4. REWORK EXISTING FIRE ALARM SYSTEM, SUCH THAT BLOCK E SYSTEM IS NOT DEPENDENT ON BLOCK C WHICH IS TO BE DEMOLISHED. PROVIDE NEW FIRE ALARM ANNUNCIATOR AT BLOCK E FIRE FIGHTERS ENTRANCE IN MAIN VESTIBULE.
 5. REWORK EXISTING CODE BLUE AND SECURITY SURVEILLANCE CONDUIT INFRASTRUCTURE TO SUIT UPGRADES AND MODIFICATIONS.
 6. PROVIDE 2" 103mm² WITH PULL ROPE TO EXISTING ER ROOM IN EXISTING BLOCK E BUILDING.
 7. PROVIDE 4" 103mm² WITH PULL ROPE FROM TELECOMMUNICATION DEMARCATION TO NEW MAIN TELECOMMUNICATION EF ROOM.
 8. DISCONNECT TWO (2) PAV STATIONS LOCATED WEST OF BLOCK C. REMOVE FEEDERS BACK TO SOURCE AND MAKE SAFE. PROVIDE TWO (2) 25A, 1P, 120V BREAKERS IN EXISTING PANEL, 1 LOCATED IN BLOCK E - LEVEL 1 ROOM E110 AND FEED BOTH PAV STATIONS WITH 25A/50A + G R 38mm RIGID PVC CONDUIT. PROVIDE AN ADDITIONAL 27mm EMPTY CONDUIT WITH PULL-ROPE FOR DATA CABLEING.



REF # 2020-40369 CLIENT REF # BT20-18477

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NO.	DATE	DESCRIPTION
1	2021-06-28	ISSUED FOR SPCA

PROJECT NO: 211-01094-00 DATE: 2021-04-15
 ORIGINAL SCALE: 1:400
 DESIGNED BY: DB
 DRAWN BY: AL
 CHECKED BY: DB
 DISCIPLINE: ELECTRICAL

TITLE: ELECTRICAL DEMOLITION & NEW WORK - SITE PLAN

SHEET NUMBER: E002
 SHEET # 1 OF 3
 SPCA
 DATE OF: 2021-06-28

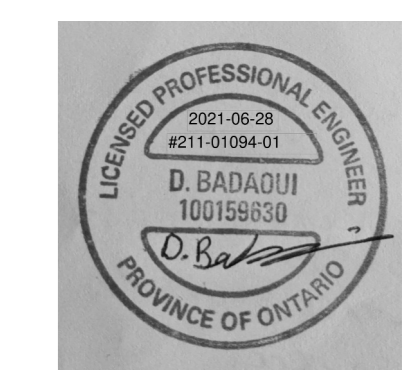
1 SITE PLAN - DEMOLITION & NEW WORK - POWER
 1:400



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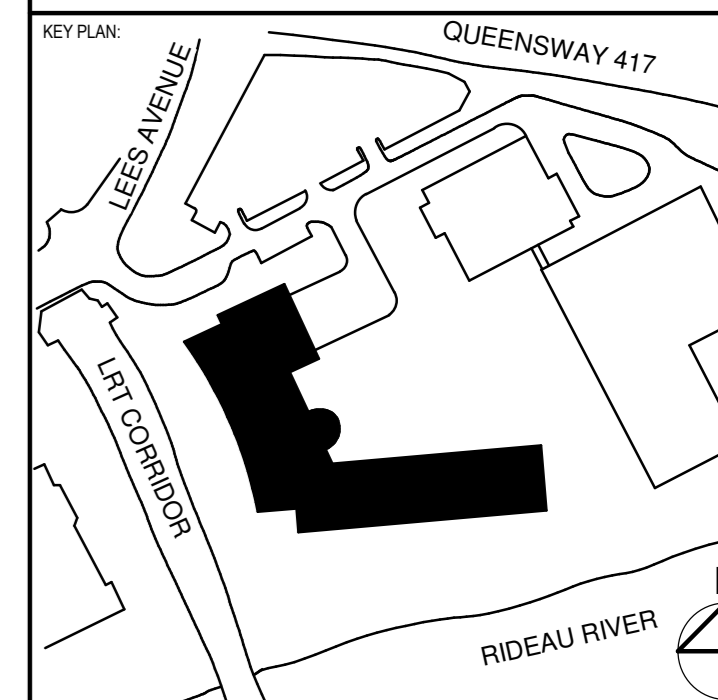


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NO.	DATE	ISSUED FOR	DESCRIPTION
1	2021-06-28	ISSUED FOR SPCA	

PROJECT NO: 211-01094-00	DATE: 2021-04-15
ORIGINAL SCALE: AS INDICATED	IF THIS BAR IS NOT DRAWING, ADJUST YOUR PLOTTING SCALE.
DRAWN BY: JA	
CHECKED BY: DB	
DISCIPLINE: ELECTRICAL	

TITLE:
LIGHTING - SITE PLAN

SHEET NUMBER: E003	DATE OF: 4 JUNE 28, 2021
SHEET #: 2 OF 3	
SCALE: SPCA	

EXTERIOR LIGHTING SCHEDULE														
Fixture Type	Description	Manufacturer	Model	Model Number	Lamp	Voltage	Wattage	Lumens	CRI	Fixture Color Temperature	BUG Rating	Fixture Mounting	Fixture Notes	Count
PT1-75-4W	DECORATIVE POST TOP FIXTURE C/W 7 METER LIGHT POLE (SINGLE LIGHT)	KIM LIGHTING OR APPROVED ALTERNATE	OURO	UR20-24L-75-3K8-4W-347-PT23-BLS-SCH-R	LED	347 V	75 W	9518 lm	80	3000 K	1-0-2	POLE MOUNT	OCCUPANCY SENSOR WITH 50% DIMMING	8
PT2-25-2	DECORATIVE POST TOP FIXTURE C/W 4 METER LIGHT POLE (SINGLE LIGHT)	KIM LIGHTING OR APPROVED ALTERNATE	OURO	UR20-24L-25-3K8-3T-347-PT23-BLS-SCH-R	LED	347 V	25 W	2943 lm	80	3000 K	1-0-1	POLE MOUNT	OCCUPANCY SENSOR WITH 50% DIMMING	33
PT2-25-3	DECORATIVE POST TOP FIXTURE C/W 4 METER LIGHT POLE (SINGLE LIGHT)	KIM LIGHTING OR APPROVED ALTERNATE	OURO	UR20-24L-25-3K8-3T-347-PT23-BLS-SCH-R	LED	347 V	25 W	3008 lm	80	3000 K	1-0-1	POLE MOUNT	OCCUPANCY SENSOR WITH 50% DIMMING	5
PT2-25-4W	DECORATIVE POST TOP FIXTURE C/W 4 METER LIGHT POLE (SINGLE LIGHT)	KIM LIGHTING OR APPROVED ALTERNATE	OURO	UR20-24L-25-3K8-4W-347-PT23-BLS-SCH-R	LED	347 V	25 W	3170 lm	80	3000 K	1-0-1	POLE MOUNT	OCCUPANCY SENSOR WITH 50% DIMMING	5
PT2-25-4W-2H	DECORATIVE POST TOP FIXTURE C/W 4 METER LIGHT POLE (DOUBLE LIGHT)	KIM LIGHTING OR APPROVED ALTERNATE	OURO	UR20-24L-25-3K8-4W-347-PT23-BLS-SCH-R	LED	347 V	25 W	3170 lm	80	3000 K	1-0-1	POLE MOUNT	OCCUPANCY SENSOR WITH 50% DIMMING	3
S	EXTERIOR RECESSED POT LIGHT				LED	347 V	19 W	1712 lm	80	3000 K	N/A	RECESSED	OCCUPANCY SENSOR WITH 50% DIMMING	12
T	EXTERIOR CANOPY FIXTURE				LED	347 V	24 W	2055 lm	80	3000 K	2-0-2	SURFACE	OCCUPANCY SENSOR WITH 50% DIMMING	7
WP-1	EXTERIOR WALL PACK	HUBBELL OUTDOOR OR APPROVED ALTERNATE	RATIO WALL	RWL1-4BL-20-3K8-4W-U	LED	347 V	20 W	2569 lm	80	3000 K	1-0-1	WALL MOUNT	OCCUPANCY SENSOR WITH 50% DIMMING	5
WP-2	EXTERIOR WALL PACK	HUBBELL OUTDOOR OR APPROVED ALTERNATE	RATIO WALL	RWL1-4BL-15-3K8-4W-U	LED	347 V	15 W	1961 lm	80	3000 K	0-0-1	WALL MOUNT	OCCUPANCY SENSOR WITH 50% DIMMING	2
WP-3A	EXTERIOR WALL PACK	HUBBELL OUTDOOR OR APPROVED ALTERNATE	RATIO WALL	RWL1-4BL-10-3K8-3-U	LED	347 V	10 W	1303 lm	80	3000 K	0-0-1	WALL MOUNT	OCCUPANCY SENSOR WITH 50% DIMMING	1
WP-3B	EXTERIOR WALL PACK	HUBBELL OUTDOOR OR APPROVED ALTERNATE	RATIO WALL	RWL1-4BL-10-3K8-4W-U	LED	347 V	10 W	1285 lm	80	3000 K	0-0-1	WALL MOUNT	OCCUPANCY SENSOR WITH 50% DIMMING	2

- EXTERIOR LIGHTING NOTES:
- LIGHTING TO OPERATE DUSK TO DAWN WITH 50% DIMMING WHEN NO MOVEMENT IS DETECTED.
 - MLO - L22
 - LANDSCAPE LIGHTING AUTOMATICALLY SHUT-OFF BY 12AM.



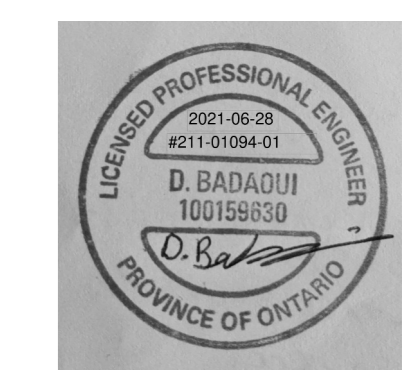
1 SITE PLAN - LIGHTING
E003 1:400



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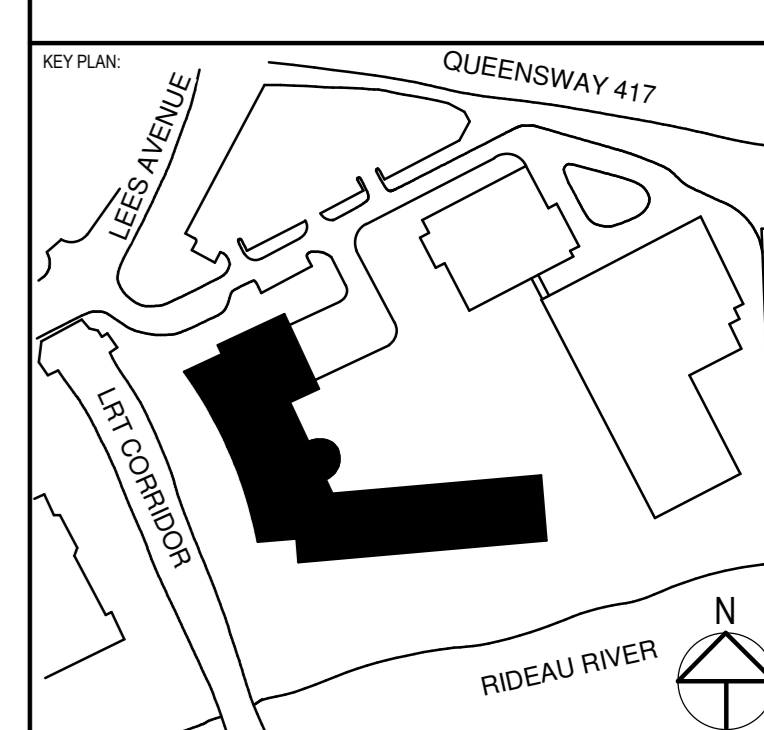


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ISSUED FOR: REVISION

REV	DATE	DESCRIPTION
1	2021-06-28	ISSUED FOR SPCA

PROJECT NO:	211-01094-00	DATE:	2021-04-15
ORIGINAL SCALE:	N.T.S.	IF THIS BAR IS NOT DRAWING, ADJUST YOUR PLOTTING SCALE.	
DESIGNED BY:	JA	DRAWN BY:	JA
CHECKED BY:	DB	DATE:	

DISCIPLINE: ELECTRICAL
TITLE: EXTERIOR LIGHTING SITE PLAN PHOTOMETRICS

SHEET NUMBER: E004
3 OF 3
DATE OF: 2021-06-28
SPCA: 1



Label	Units	Avg	Max	Min	Avg/Min	Max/Min
Vehicular Parking North	Lux	15.49	32.1	4.1	3.78	7.83
Central Loop Entrance 1	Lux	13.49	23.2	6.6	2.04	3.52
Central Loop Entrance 2	Lux	16.88	27.9	8.7	1.94	3.21
Central Loop Plaza	Lux	13.81	28.0	4.0	3.45	7.00
Courtyard	Lux	18.87	33.1	7.7	2.45	4.30
Entrance - North	Lux	21.73	37.9	11.8	1.84	3.21
Entrance - South	Lux	19.64	38.8	12.2	1.61	3.18
Loading Dock	Lux	23.84	44.8	6.7	3.56	6.69
Loading Dock - Access Roadway	Lux	26.55	40.1	9.8	2.71	4.09
Loading Dock - Cul de sac	Lux	19.59	31.7	8.1	2.42	3.91
M.U.P. - A Building Adjacent	Lux	23.94	42.1	15.1	1.59	2.79
M.U.P. - A Building Entrance 1	Lux	19.25	27.5	9.2	2.09	2.99
M.U.P. - A Building Entrance 2	Lux	22.69	33.3	12.6	1.80	2.64
M.U.P. - Central Loop 1	Lux	19.60	37.0	12.5	1.57	2.96
M.U.P. - Central Loop 2	Lux	20.29	25.1	14.2	1.43	1.77
M.U.P. - Courtyard 1	Lux	26.30	33.8	21.9	1.20	1.54
M.U.P. - Courtyard 2	Lux	25.96	31.1	23.2	1.12	1.34
M.U.P. - E Building Adj	Lux	21.07	31.6	11.0	1.92	2.87
M.U.P. - LRT Side	Lux	21.46	28.9	11.4	1.88	2.54
M.U.P. - LRT Side Entrance	Lux	19.22	22.5	15.6	1.23	1.44
M.U.P. - River Side 1	Lux	20.83	32.5	9.9	2.10	3.28
M.U.P. - River Side 2	Lux	20.60	32.1	12.2	1.69	2.63
M.U.P. - River Side Loop	Lux	12.70	16.2	3.6	3.53	4.50
North Plaza & Bike Parking	Lux	19.73	31.4	6.4	3.08	4.91
North Stairs Area	Lux	16.81	22.7	5.3	3.17	4.28
Sidewalk - North	Lux	19.93	33.5	11.4	1.75	2.94