GENERAL NOTES:

- 1. THE ELECTRICAL CONTRACTOR SHALL COMPLETE ALL ELECTRICAL WORK IN ACCORDANCE WITH THE RELEVANT SECTIONS FOR ITEMS OF THE EXISTING BASE BUILDING SPECIFICATIONS AND DRAWINGS TO THE SATISFACTION OF THE BUILDING OWNER. THE BASE BUILDING DOCUMENTS WILL BE MADE AVAILABLE FOR REVIEW BY THE BUILDING OWNER IF SO REQUIRED.
- 2. THE DRAWINGS FOR THE WORK OF THIS DIVISION ARE IN PART DIAGRAMMATIC, INTENDED TO CONVEY THE SCOPE OF WORK, GENERAL ARRANGEMENT AND LOCATION OF THE EQUIPMENT, APPROXIMATE SIZES AND LOCATIONS OF THE EQUIPMENT AND OUTLETS. FOLLOW THESE DRAWINGS IN EXECUTION OF THE WORK, CONSULT GENERAL CONSTRUCTION DRAWINGS TO BECOME FAMILIAR WITH ALL CONDITIONS RELATING TO THE INSTALLATION AND TO VERIFY SPACES IN WHICH THE WORK WILL BE INSTALLED. REPORT ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL DRAWINGS AND THE ENGINEER'S DRAWINGS TO THE ENGINEER AND ARCHITECT PRIOR TO COMMENCING WITH THE WORK.
- 3. WHENEVER DIFFERENCES OCCUR BETWEEN PLANS AND DIAGRAMS OR SCHEMATICS. AND BETWEEN THE SPECIFICATIONS AND DRAWINGS. THE MAXIMUM CONDITION SHALL GOVERN, AND THE TENDER SHALL BE BASED ON WHICHEVER IS THE GREATER AMOUNT.
- 4. KEEP A RECORD SET OF DRAWINGS ON THE SITE ON WHICH SHALL BE CLEARLY INDICATED, THE EXACT LOCATION OF ALL OUTLETS, LUMINARIES, FEEDER RUNS, PANELS, JUNCTION BOXES, PULL BOXES, ETC. TWO COPIES OF THE RECORD DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT UPON COMPLETION OF THE PROJECT.
- 5. THE CONTRACTOR SHALL VISIT THE SITE AND EXAMINE ALL DRAWINGS CAREFULLY TO DETERMINE THE EXTENT OF RENOVATIONS IN THE EXISTING BUILDING. EXAMINE THE SITE AND TOGETHER WITH DRAWINGS TO DETERMINE AND INCLUDE IN THE TOTAL PRICE OF THE TOTAL COST OF LABOUR AND MATERIAL TO DISCONNECT, REMOVE, RELOCATE BLANK OFF, RE-ROUTE, OR MAKE SAFE ALL EXISTING CONDUITS AND WIRE, JUNCTION BOXES, LUMINARIES, AND EQUIPMENT REQUIRED.
- 6. NO ALLOWANCE WILL BE MADE FOR OBVIOUS CONSIDERATIONS WHICH MAY HAVE BEEN OVERLOOKED.
- 7. EXAMINE STRUCTURAL, MECHANICAL AND ARCHITECTURAL DRAWINGS TO ENSURE THAT THE WORK OF THIS DIVISION CAN BE SUCCESSFULLY COMPLETED WITH NO INTERFERENCES OR DISCREPANCIES.
- 8. EXAMINE THE WORK OF THE OTHER TRADES, AS THEY AFFECT THIS DIVISION. AND REPORT IMMEDIATELY TO THE ARCHITECT OR INTERIOR DESIGNER ANY DEFECT OR INTERFERENCE THAT MAY AFFECT THE WORK OF THIS DIVISION, OR THE GUARANTEE OF THIS WORK.
- 9. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL NECESSARY PERMITS AND INSPECTIONS AS REQUIRED OR REQUESTED BY THE AUTHORITIES HAVING JURISDICTION. ONCE THE ELECTRICAL WORK HAS BEEN COMPLETED AND ACCEPTED BY THE OWNER, THE ELECTRICAL CONTRACTOR SHALL PROVIDE THE OWNER WITH CERTIFICATES VERIFYING THAT THE WORK HAS BEEN COMPLETED IN ACCORDANCE WITH ALL APPLICABLE CODES, BUILDING STANDARDS, AND ALL AUTHORITIES HAVING JURISDICTION.
- 10. THE ELECTRICAL WORK SHALL BE CARRIED OUT AND PERFORMED WITH QUALITY WORKMANSHIP, TO THE SATISFACTION OF THE CONSULTANT, OWNER, AND ARCHITECT. ANY UNSATISFACTORY WORK SHALL BE RE-DONE OR REPLACED BY THIS DIVISION WITHOUT EXTRA COST TO THE OWNER.
- 11. THE ELECTRICAL CONTRACTOR SHALL PROVIDE THE OWNER WITH A ONE YEAR WRITTEN WARRANTY, COMMENCING ON THE DATE OF ACCEPTANCE. THE WARRANTY SHALL COVER THE COMPLETE ELECTRICAL INSTALLATION. THE ELECTRICAL CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY DEFECTS IN THE MATERIALS OR WORKMANSHIP THAT OCCUR DURING THE WARRANTY PERIOD AT A TIME CONVENIENT TO AND AT NO EXTRA COST TO THE OWNER.
- 12. PROVIDE THE BUILDING OWNER WITH ONE SET OF 'AS-BUILT' RECORD DRAWINGS PREPARED ON AUTOCAD (OR COMPATIBLE FORMAT), INCLUDING A COPY OF THE DRAWINGS IN DIGITAL FORMAT PROVIDE THE ENGINEER WITH ONE SET OF BLACK LINE PRINTS OF THE 'AS-BUILT' RECORD DRAWINGS. THESE DRAWINGS SHALL ONLY BE DELIVERED TO THE OWNER AND ARCHITECT AFTER COMPLETION OF THE WORK AFTER ALL DEFICIENCIES HAVE BEEN CORRECTED.
- 13. THE ARCHITECT SHALL HAVE THE RIGHT, AT ANY TIME, TO CHANGE THE LOCATION OF ANY OUTLET OR FLOOR BOX UP TO TEN FEET WITHOUT EXTRA COST TO THE OWNER, PROVIDED THAT NOTIFICATION OF THIS CHANGE OCCURS PRIOR TO INSTALLATION.
- 14. IN CASE EXTRA WORK OF ANY KIND IS REQUIRED, OBTAIN WRITTEN INSTRUCTIONS FROM THE ARCHITECT AND THE ENGINEER BEFORE PROCEEDING. PAYMENT WILL BE MADE AT A FAIR AND REASONABLE RATE ONLY FOR AUTHORIZED EXTRAS. IN THE CASE OF OMISSIONS, THE SAME PROCEDURE SHALL APPLY, AND A DECREASE MADE.

- 15. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTING AND REMOVING ALL ELECTRICAL EQUIPMENT FROM AREAS BEING ALTERED OR DEMOLISHED. WIRING, CONDUIT, AND ALL OTHER EQUIPMENT REQUIRED TO MAINTAIN SERVICE IN OTHER PARTS OF THE BUILDING SHALL BE TEMPORARILY SUPPORTED, RE-ROUTED, SERVICED, OR RELOCATED AS REQUIRED. OBSOLETE OR REDUNDANT CONDUITS AND CABLES SHALL BE DISCONNECTED FROM THEIR SOURCE OF SUPPLY AND REMOVED FROM THE SITE, EXCEPT THEY SHALL BE CUT-FLUSH WHERE IMBEDDED IN STRUCTURE AND THE FINISH SHALL BE PATCHED TO MATCH THE EXISTING CONDITIONS. ALL EXISTING WIRING THAT CANNOT BE REMOVED SHALL BE DISCONNECTED FROM ITS SUPPLY, BLANKED-OFF, AND OTHERWISE MADE SAFE.
- 16. SUBMIT SHOP DRAWINGS OF LUMINARIES, PANELBOARDS, AND OTHER MAJOR ELECTRICAL EQUIPMENT, AS THEY APPLY TO THIS PROJECT, OR AS REQUESTED BY ENGINEER. EACH SHOP DRAWING SHALL BE CHECKED AND STAMPED AS BEING CORRECT BY THE ELECTRICAL AND GENERAL CONTRACTOR PRIOR TO SUBMISSION TO THE ENGINEER FOR REVIEW. SHOP DRAWINGS NOT STAMPED AS SUCH WILL NOT BE REVIEWED AND WILL BE RETURNED AND DESIGNATED AS "REVISE AND RESUBMIT".
- 17. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY DISRUPTION TO THE EXISTING SERVICES. ALL THE EXISTING BUILDING SERVICES MUST BE KEPT IN OPERATION AT ALL TIMES. ARRANGE WORK IN SUCH A MANNER THAT INTERRUPTIONS IN SERVICES OCCUR ONLY AT SCHEDULED TIMES, AND WITH WRITTEN PERMISSION BY THE OWNER. UNAVOIDABLE INTERRUPTIONS SHALL BE SCHEDULED WITH THE OWNER AT LEAST 48 HOURS IN ADVANCE. OVERTIME WORK THAT MAY BE REQUIRED TO TIE-IN SERVICES AT NIGHT OR ON WEEKENDS SHALL BE INCLUDED IN THE TENDER AMOUNT.
- 18. ALL NEW SERVICES WHICH PENETRATE THE FLOOR SLAB OR FIRE-RATED WALLS AND CEILINGS SHALL BE INSTALLED IN RIGID STEEL CONDUIT AND SHALL BE SEALED WITH AN APPROVED, NON-SHRINK, WATERPROOF AND FIREPROOF SEALANT.
- 19. ALL WORK SHALL BE SCHEDULED AND COORDINATED TO AVOID INTERFERENCES WITH OTHER TRADES DURING AND AFTER CONSTRUCTION.
- 20. PROVIDE TEMPORARY ELECTRICAL POWER FOR THE WORK OF THIS DIVISION AND OTHER TRADES AS REQUIRED BY THE GENERAL CONTRACTOR OR OWNER.

WORK IN EXISTING BUILDING:

- 1. THE WORK AS SPECIFIED OR INDICATED INCLUDES REVISIONS TO THE EXISTING BUILDING AND ITS RELATED SYSTEMS. WHERE INTERFACING COMPONENTS AND EQUIPMENT ARE REQUIRED TO COMPLETE THE WORK, INCLUDE THESE IN THE TENDER AMOUNT REGARDLESS OF WHETHER THEY ARE INDICATED ON THE PLANS. ENSURE THAT ALL SUCH COMPONENTS ARE FULLY COMPATIBLE WITH THE EXISTING BASE-BUILDING SYSTEMS.
- 2. OBTAIN WRITTEN APPROVAL FROM BUILDING OWNER TO PENETRATE ANY STRUCTURAL SURFACES OR FLOOR SLABS. THE CONTRACTOR SHALL REPLACE OR REPAIR ANY ITEMS WHICH ARE DAMAGED DUE TO THIS WORK, AT NO EXTRA COST TO THE BUILDING OWNER.
- CAREFULLY EXAMINE THE SITE AND CONDITIONS OF THE PROPOSED WORK TOGETHER WITH THE WORK OF ALL OTHER TRADES AND INCLUDE IN THE TENDER AMOUNT ALL ASSOCIATED COSTS SUCH AS: CUTTING. PATCHING, RE-ROUTING AND REPOSITIONING OF ELECTRICAL EQUIPMENT AND WIRING THAT ARE NECESSARY TO ACCOMMODATE THE ARCHITECTURAL RENOVATIONS AND ELECTRICAL SYSTEMS INDICATED. NO EXTRAS WILL BE ALLOWED FOR THE RELOCATING OR REPOSITIONING OF EXISTING ELECTRICAL SERVICES THAT WERE EXPOSED, OR KNOWN TO EXIST. AT THE TIME OF TENDER.
- 4. NEW CONDUITS AND OTHER NEW SERVICES SHALL BE CAREFULLY ROUTED SO THAT THEY DO NOT INTERFERE WITH ANY EXISTING INSTALLATIONS. ANY EXISTING CONDUITS, CABLE TRAYS, BUS DUCTS, OR OTHER SERVICES THAT INTERFERE WITH THE NEW INSTALLATION SHALL BE RELOCATED UNDER THIS CONTRACT.
- 5. REMOVE AND/OR RELOCATE EXISTING LUMINARIES. CONDUIT AND WIRING, WIRING DEVICES, AND OTHER EQUIPMENT AS NECESSARY TO ACCOMMODATE THE NEW CONSTRUCTION INCLUDING NEW CEILING AND PARTITION LAYOUTS. EXISTING CONDUIT, WIRING AND ELECTRICAL OUTLETS THAT ARE NOT BEING REUSED SHALL BE CUT BACK IN AN APPROVED MANNER SO THAT THE FINISHED WORK IS CLEAN AND NEAT IN APPEARANCE. PATCH SURFACE TO MATCH EXISTING.
- 6. ALL BASE-BUILDING LUMINARIES, TRANSFORMERS, PANELBOARDS, AND DISCONNECT SWITCHES WHICH ARE REMOVED SHALL BE HANDED OVER TO THE BUILDING OWNER. SUCH EQUIPMENT SHALL BE DELIVERED TO THE BUILDING OWNER'S SITE STORAGE AREAS AS DIRECTED BY TENANT AT NO EXTRA COST. DELIVERY TO OFF-SITE BUILDING OWNER'S STORAGE AREAS SHALL BE EXTRA TO THE CONTRACT AND SHALL BE ARRANGED BETWEEN THE CONTRACTOR AND BUILDING OWNER.
- 7. REMAINING REMOVED EQUIPMENT AND MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE UPON

COMPLETION OF THE WORK, UNLESS NOTED OTHERWISE. THE CONSTRUCTION SITE SHALL BE KEPT CLEAN AND ANY DEBRIS OR CONSTRUCTION MATERIAL SHALL BE REMOVED FROM THE SITE THROUGHOUT THE CONSTRUCTION PERIOD AND ON COMPLETION OF THE WORK AS DIRECTED BY THE OWNER'S AND TENANT'S RESPECTIVE REPRESENTATIVE.

- NOTED.

12. EXPOSED COVER PLATES SHALL BE INSTALLED AFTER FINAL PAINTING, FLUSH WITH THE WALL

- REQUIREMENTS.

- THE DRAWINGS.
- MAJOR BACKGROUND

8. ALL CONDUCTORS SHALL BE STRANDED OR SOLID COPPER SIZED AS SHOWN WITH TYPE R90, X-LINK INSULATION AND A MINIMUM WIRE SIZE OF #12AWG (20 AMP RATED). ALL WIRING IN CEILINGS AND PARTITIONS SHALL BE IN EMT CONDUIT. ALL WIRING IN SLAB SHALL BE IN RIGID STEEL CONDUIT. ARMOURED CABLE MAY BE PERMITTED FOR DOWN DROPS FROM JUNCTION BOXES TO LUMINARIES AND IN PARTITIONS, UNLESS PROHIBITED BY CODE OR BUILDING STANDARDS. ARMOURED CABLE SHALL NOT BE USED IN ANY EXPOSED AREAS, UNLESS SPECIFICALLY

9. ACCESS PANELS MAY BE PROVIDED IN CEILINGS WHERE JUNCTION BOXES CANNOT BE LOCATED IN ACCESSIBLE LOCATIONS PROVIDED THAT APPROVAL HAS BEEN OBTAINED FROM THE ARCHITECT.

10. ALL ELECTRICAL EQUIPMENT SHALL BE CSA OR CULC LISTED AND SHALL BEAR THE CSA OR CULC STAMP AND BE OF COMMERCIAL GRADE.

11. ALL ELECTRICAL EQUIPMENT SHALL OPERATE WITHOUT OBJECTIONABLE NOISE OR VIBRATION AND SHALL BE RECTIFIED TO THE OWNER'S SATISFACTION.

13. LOCAL SWITCHES SHALL BE 20 AMP-RATED, SPECIFICATION GRADE, VOLTAGE AS INDICATED. EXACT LOCATION AND MOUNTING HEIGHT TO BE COORDINATED WITH ARCHITECT OR INTERIOR DESIGNER PRIOR TO ROUGHING-IN. MOUNTING HEIGHT MUST CONFIRM TO BUILDING CODE REQUIREMENTS FOR BARRIER- FREE ACCESSIBILITY.

14. DUPLEX RECEPTACLES SHALL BE 120VOLT, 15 OR 20 AMP-RATED, SPECIFICATION GRADE, UNLESS OTHERWISE NOTED. VERIFY EXACT LOCATION, MOUNTING HEIGHT, AND COLOUR WITH ARCHITECT PRIOR TO INSTALLATION.

15. ALL GROUNDING SHALL CONFORM TO THE CANADIAN ELECTRICAL CODE AND LOCAL AUTHORITY

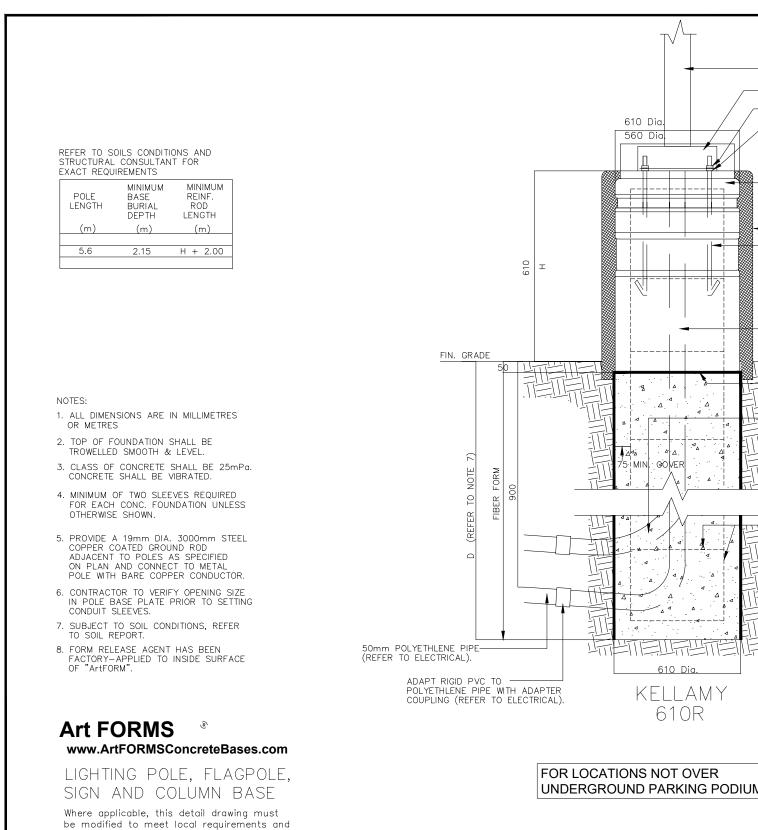
16. EXISTING PANELBOARD DIRECTORIES SHALL BE REPLACED WITH NEW TYPE-WRITTEN DIRECTORIES WHICH REFLECT THE LATEST REVISIONS. EXISTING PANELBOARDS WITHOUT DIRECTORIES AND NEW PANELBOARDS SHALL BE PROVIDED WITH TYPE-WRITTEN DIRECTORIES, WITH LABELING BASED ON ROOM NUMBERS AND/OR LOCATION.

17. NEW PANELBOARDS SHALL MATCH BASE-BUILDING STANDARDS WITH CIRCUITS AS INDICATED ON THE PLANS, CIRCUIT BREAKERS SHALL BE BOLT-ON TYPE ONLY. ALL NEW PANELBOARDS SHALL HAVE LOAD-BALANCED FEEDERS AND BRANCH CIRCUITS.

18. DISCONNECT SWITCHES SHALL BE OF "QUICK-MAKE/QUICK-BREAK" TYPE, AND OF SAME MANUFACTURE AS BASE-BUILDING EXISTING UNITS WHERE PRACTICAL.

19. FUSES SHALL BE GOULD-SHAWMUT OR APPROVED EQUIVALENT, DUAL-ELEMENT TYPE, SIZED AS NOTE ON

20. PROVIDE ENGRAVED LAMICOID NAMEPLATES ON ALL ELECTRICAL EQUIPMENT IDENTIFYING:EQUIPMENT NAME, VOLTAGE, PHASE, CURRENT RATING, DESTINATION, AND USE. LETTERING SHALL BE WHITE, MINIMUM 1/4" HIGH ON A BLACK





soil conditions.

POLE BASE COVER LOCK NUTS LEVELING NUTS	REMY CONSULTING ENGINEERS LTD. 3425 HARVESTER ROAD, UNIT-104 BURLINGTON, ONTARIO L7N3M7 (905) 630, 1911
CAST-IN-PLACE ARCHITECTURAL CONCRETE BASE BY MEANS OF KELLAMY 610R STYLE SINGLE-USE ArtFORMS CONCRETE FORM SUPPLIED BY:	(905) 639-1911 <u>www.remyeng.com/</u>
ArtFORMS INTERNATIONAL INC. TEL. 905-642-3225 www.ArtFORMSConcreteBases.com GALVANIZED STEEL "J" BOLTS AS SUPPLIED BY MANUFACTURER	THIS DRAWING IS PROVIDED BY AND IS THE PROPERTY OF REMY CONSULTING ENGINEERS LTD. (RCEL)
50mm RIGID PVC CONDUIT SLEEVE -915 RADIUS (REFER TO ELECTRICAL) TOP OF CONVENTIONAL FIBER FORM AT 50 BELOW FINISHED GRADE.	THE CONTRACTOR MUST VERIFY AND ACCEPT RESPONSIBILITY FOR ALL DIMENSIONS AND CONDITIONS ON SITE AND MUST NOTIFY RCEL OF ANY VARIATIONS FROM THE INFORMATION CONTAINED WITHIN.
19mm RIGID CONDUIT SLEEVE FOR GROUND CONNECTION AS REQUIRED & SPECIFIED-SEE DWGS. (REFER TO NOTE 5)	RCEL IS NOT RESPONSIBLE FOR THE ACCURACY OF THE SURVEY, ELEVATIONS, STRUCTURAL, MECHANICAL, ELECTRICAL ETC. SHOWN ON THIS DRAWING. REFER TO THE APPROPRIATE ENGINEERING DRAWINGS PRIOR TO PROCEEDING
8-20M REINF. RODS & 10M TIES PER ONT. PROV. STD. DWG. OPSD-2200.01	WITH THE WORK. ALL WORK MUST CONFORM TO ALL APPLICABLE CODES AND REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.
	UNLESS OTHERWISE NOTED, NO INVESTIGATION HAS BEEN CARRIED OUT OR REPORTED ON BY RCEL WITH RESPECT TO THE ENVIRONMENTAL CONDITION OF THE EXISTING SITE AND STRUCTURES.
UM	NO. MM/DD/YYYY DESCRIPTION
	B MAY 23, 2023 RE-ISSUED FOR SPA A SEP. 20,2022 ISSUED FOR ZPA/OPA
	APPROVED BY SM
	M. GREENHILL BOLD OF ON AND
	CLIENT SPHERE DEVELOPMENTS (KINGSTON) LP
	PROJECT
	SITE LIGHTING AND PHOTOMETRICS
	875 KINGSTON ROAD. PICKERING, ON
	SPECIFICATIONS
	DISCIPLINE ELECTRICAL PROJECT NUMBER 2204A-22 DATE 20/00/2022
	DATE 20/09/2022 DRAWN BY SM DESIGNED BY SM
	снескер ву MG E-100
	REVISION NO. A SCALE: 1:150

p3 +0·03 +0·04 +0·05 +0·06 +0·07 +0·07 +0·08 +0·09 +0·09 +0·09 +0·09		
D3 +D.04 +D.04 +D.06 +D.06 +D.07 +D.10 +D.10 +D.12 +D.13 +D.14 +D.14 +D.16 +D.16		REMY CONSULTING ENGINEERS LTD.
23 ₊ 0.04 ₊ 0.04 ₊ 0.06 ₊ 0.07 ₊ 0.00 ₊ 0.10 ₊ 0.12 ₊ 0.13 ₊ 0.14 ₊ 0.15 ₊ 0.17	+0.16 +0.17 +0.17 +0.16 +0.15 +0.13 +0.13 +0.09 +0.06 +0.05 +0.04 +0.03 +0.02 +0.02 +0.02 +0.02 +0.02	3425 HARVESTER ROAD, UNIT-104 BURLINGTON, ONTARIO L7N3M7
13 ₊ 0.05 ₊ 0.07 ₊ 0.08 ₊ 0.10 ₊ 0.14 ₊ 0.15 ₊ 0.23 ₊ 0.23 ₊ 0.23 ₊ 0.20 ₊ 0.24 ₊ 0.28	+0.29 +0.29 +0.20 +0.30 +0.26 +0.20 +0.20 +0.21 +0.14 +0.13 +0.09 +0.07 +0.06 +0.04 +0.03 +0.02 +0.02 +0.	(905) 639-1911 www.remyeng.com/
14 +0.05 +0.05 +0.08 +0.10 +0.12 +0.17 +0.18 +0.24 +0.26 +0.27 +0.27 +0.31 +0.29	+0.34 +0.35 +0.36 +0.36 +0.35 +0.33 +0.34 +0.26 +0.26 +0.15 +0.15 +0.08 +0.06 +0.04 +0.03 +0.03 +0.02 +0.	
4 ₊ 0.05 ₊ 0.06 ₊ 0.09 ₊ 0.11 ₊ 0.15 ₊ 0.20 ₊ 0.26 ₊ 0.35 ₊ 0.32 ₊ 0.34 ₊ 0.34 ₊ 0.37 ₊ 0.38	+0.48 +0.45 +0.50 +0.50 +0.47 +0.47 +0.39 +0.37 +0.20 +0.20 +0.40 +0.08 +0.05 +0.04 +0.03 +0.02 +0.	THIS DRAWING IS PROVIDED BY AND IS THE PROPERTY OF REMY CONSULTING ENGINEERS LTD. (RCEL)
0.05 +0.07 +0.11 +0.14 +0.23 +0.29 +0.39 +0.54 +0.54 +0.54 +0.54 +0.54 +0.54 +0.59 +0.65		THE CONTRACTOR MUST VERIFY AND ACCEPT RESPONSIBILITY FOR ALL DIMENSIONS AND
)4 ₊ 0.06 ₊ 0.07 ₊ 0.12 ₊ 0.15 ₊ 0.24 <u>+0.39 ₊0.54 ₊0.78 ₊0.80 ₊0.72 ₊0.72 ₊0.72 ₊0.83 ₊0.88</u>	<u>+1.1</u> <u>+1.3</u> <u>+1.3</u> <u>+1.3</u> <u>+1.3</u> <u>+1.3</u> <u>+1.3</u> <u>+1.3</u> <u>+1.3</u> <u>+1.0</u> <u>+0.05</u> <u>+0.48</u> <u>+0.34</u> <u>+0.19</u> <u>+0.17</u> <u>+0.10</u> <u>+0.06</u> <u>+0.05</u> <u>+0.04</u> <u>+0.04</u> <u>+0.04</u>	CONDITIONS ON SITE AND MUST NOTIFY RCEL OF ANY VARIATIONS FROM THE INFORMATION CONTAINED WITHIN.
14 ₊ 0.08 ₊ 0.08 ₊ 0.17 ₊ 0.24 ₊ 0.39 ₊ 0.79 ₊ 1.3 ₊ 2.0 ₊ 1.8 ₊ 1.6 ₊ 1.5 ₊ 1.7 ₊ 2.0		RCEL IS NOT RESPONSIBLE FOR THE ACCURACY OF THE SURVEY, ELEVATIONS, STRUCTURAL,
4 ₊ 0.07 ₊ 0.07 ₊ 0.16 ₊ 0.29 ₊ 0.64 ₊ 1.1 ₊ 4.7 ₊ 7.4 ₊ 5.4 ₊ 4.8 ₊ 4.5 ₊ 4.8 ₊ 5.8	+7.0 $+0.3$ $+9.3$ $+0.9$ $+9.4$ $+0.00$ $+9.7$ $+9.1$ $+6.0$ $+2.7$ $+1(2)$ $+1(2)$ $+0.63$ $+0.22$ $+0.14$ $+0.11$ $+0.00$ $+0.00$ $+0.00$ $+0.00$	MECHANICAL, ELECTRICAL ETC. SHOWN ON THIS DRAWING. REFER TO THE APPROPRIATE ENGINEERING DRAWINGS PRIOR TO PROCEEDING
4 ₊ 0.08 ₊ 0.09 ₊ 0.20 ₊ 0.40 ₊ 0.83 ₊ 2.4 ₊ 14 ₊ 29 ₊ 18 ₊ 16 ₊ 16 ₊ 18 ₊ 20	+10 +20 +25 +23 +24 +27 +27 +26 +20 +7.0 +3.6 +2. <u>3 +0.60 +0.29 +0.16</u> +0.12 +0.00 +0.00 +0.00	WITH THE WORK. ALL WORK MUST CONFORM TO ALL APPLICABLE CODES AND REQUIREMENTS OF THE AUTHORITIES
		UNLESS OTHERWISE NOTED, NO INVESTIGATION
		HAS BEEN CARRIED OUT OR REPORTED ON BY RCEL WITH RESPECT TO THE ENVIRONMENTAL CONDITION OF THE EXISTING SITE AND
		STRUCTURES.
5 _0.08 _0.09 _0.20 _0.30 _0.61 _2.3 5 _53 ₩P1 MH: 2.4M	BD1 BD1 BD1 P1 MH: 4.0M BD1 F1 BD1 103 F0 5 F1 H: 4.0M F1 MH: 4.0M F1 H: 4.0M	
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+0.04 +0.05 +0.10 +0.14 +0.21 +0.44 +4 +7.7 +24 +35 +20 WP1 +41	+6.2 +6.6 +0.1 +44 +66 +39 +33 +32 +20 +2.1 +0.00 +0.24 +0.06 +0.06 +0.04 +0.03 +0.	
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2 ₊ 0.02 ₊ 0.03 ₊ 0.04 ₊ 0.04 ₊ 0.06 ₊ 0.08 ₊ 0.10 ₊ 0.12 ₊ 0.17 ₊ 0.20 ₊ 0.25 ₊ 0.41 ₊ 0.56	+0.74 +0.84 +1.0 +1.2 +1.3 +1.2 +1.1 +0.83 +0.50 +0.29 +0.18 +0.12 +0.09 +0.07 +0.05 +0.04 +0.03 +0.02 +0.	B MAY 23, 2023 RE-ISSUED FOR SPA A SEP. 20,2022 ISSUED FOR ZPA/OPA
)	+0.47 +0.58 +0.67 +0.76 +0.81 +0.76 +0.65 +0.48 +0.32 +0.21 +0.14 +0.09 +0.07 +0.06 +0.04 +0.03 +0.03 +0.02 +0.	APPROVED BY SM
) ₊ 0.02 ₊ 0.10 ₊ 0.13 ₊ 0.03 ₊ 0.04 ₊ 0.05 ₊ 0.07 ₊ 0.01 ₊ 0.13 ₊ 0.21 ₊ 0.27	+0.35 +0.43 +0.54 +0.54 +0.53 +0.45 +0.35 +0.26 +0.18 +0.12 +0.07 +0.05 +0.04 +0.03 +0.03 +0.02 +0.	SP MM PLAN
·) 19 (•) 19 (•) 19 (•) 10 (•)	+0.25 +0.30 +0.34 +0.37 +0.38 +0.36 +0.32 +0.26 +0.20 +0.14 +0.10 +0.07 +0.06 +0.05 +0.04 +0.03 +0.02 +0.02 +0.	M. GREENHULL
) <u>(0.01</u> <u>+</u> 0.02 ₊ 0.02 ₊ 0.02 ₊ 0.03 ₊ 0.04 ₊ 0.04 ₊ 0.06 ₊ 0.07 ₊ 0.04 ₊ 0.13 ₊ 0.15	+0.23 +0.26 +0.29 +0.29 +0.28 +0.25 +0.21 +0.17 +0.12 +0.09 +0.07 +0.06 +0.04 +0.03 +0.03 +0.02 +0.02 +0.02	BOLINCE OF ON AND
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	+0.12 +0.14 +0.16 +0.17 +0.17 +0.16 +0.15 +0.13 +0.11 +0.09 +0.07 +0.06 +0.05 +0.04 +0.03 +0.02 +0.02 +0.02	SPHERE DEVELOPMENTS
0 <u>10.0</u>		(KINGSTON) LP
) <u>[0.07] [0.07] [0.07] +</u> 0.02 +0.02 +0.02 +0.03 +0.04 +0.05 +0.06 +0.07	+0.02 +0.11 +0.11 +0.10 +0.02 +0.02 +0.02 +0.02 +0.02 +0.02 +0.02 +0.01 +0.01 +0.02 +0.02 +0.02	PROJECT
0.07 + 0.04 + 0.04 + 0.04 + 0.02 + 0.02 + 0.02 + 0.04 + 0.04 + 0.05 + 0.06 + 0.07 (+0.07 +0.02 +0.02 +0.02 +0.02 +0.02 +0.01 +0.05 +0.05 +0.05 +0.02 +0.02 +0.02 +0.02 +0.02 +0.02 +0.02 +0.02	SITE LIGHTING AND PHOTOMETRICS
) <u>(0.01) (0.01) (0.01) (0.01) </u> ,0.02 ,0.02 ,0.03 ,0.03 ,0.04 ,0.04 ,0.05	+0.06 +0.07 +0.08 +0.08 +0.08 +0.07 +0.06 +0.05 +0.04 +0.03 +0.03 +0.02 +0.02 + <u>0.07</u> <u>0.07</u>	875 KINGSTON ROAD.
	EXTERIOR LIGHTING CONTROL:	SITE LIGHTING PLAN
Index Manufacturer Article name Item number Fitting Luminous flux Light loss factor Connected load		
BD1TBCD-SERIES BOLLARD WITH 12 4000K LEDS OPERATED AT 350mA AND ASYMMETRIC DISTRIBUTIONDSXB LED 12C 350 40K ASY1x LED1283 Im0.8016 W	13 AMBIENT DAYLIGHT. 2. ALL FAÇADE LIGHTS ILLUMINATING THE WALKWAYS SHALL BE SCHEDULED TO TURN ON AT EITHER SUNSET OR 6 PM WHICHEVER COMES FIRST AND SHALL BE	DISCIPLINE ELECTRICAL PROJECT NUMBER 2204A-22 DATE 20/09/2022
WP2tBDTWX2 LED WITH P4 - PERFORMANCE PACKAGE, 5000KTWX2 LED P4 50K1x6842 lm0.8053.7 W	3 SCHEDULED TO TURN OFF AT 6 AM OR BUSINESS OPENING HOURS WHICHEVER IS EARLIER. 3 3. SCHEDULE FOR ALL LIGHTINGS MENTIONED ABOVE SHALL BE CONTROLLED BY LIGHTING PANEL LOCATED IN ELECTRICAL ROOM OF THE BUILDING EXCEPT FOR POLE MOUNTED PARKING LOT LIGHTS WHICH SHALL BE CONTROLLED BY THE INTEGRATED PHOTO SENSORS.	DATE 20/09/2022 DRAWN BY SM DESIGNED BY SM
WP1 TBD WPX1 LED wallpack 1500lm 5000K color temperature 120-277 Volts WPX1 LED P1 50K Mvolt 1x 1602 lm 0.80 11.4 W	24 4. AT ALL THE TIME, BUILDING MANAGEMENT AND OPERATION CREW SHALL HAVE ACCESS TO THE LIGHTING CONTROL PANEL TO OVERRIDE THESE CONTROLS AS PER THE NEED BASIS.	CHECKED BY MG
P1 Philips RoadStar Architectural Roadway GPLS-48L1050NW-G2-4-H S 1x 3X LedGine 3 IP66 Neutral Vhite 12396 Im 0.80 161.6 W	4	E-101
		REVISION NO. A
		SCALE: 1:300