

- DRAWING NOTES:**
- EXTERIOR LIGHTING AND SIGNAGE SHALL BE CONTROLLED BY PHOTOCELL WITH MANUAL OVERRIDE SWITCH AND TIMER. REFER TO SPECIFICATIONS FOR MORE INFORMATION. CONFIRM EXACT ELECTRICAL REQUIREMENTS WITH SIGNAGE MANUFACTURER.
  - RUN MINIMUM #8AWG WIRING AND TYPE II PVC CONDUITS FOR ALL EXTERIOR LIGHTING. EC SHALL VERIFY THE VOLTAGE DROP WITH FEEDER SIZE TO MEET O&S REQUIREMENT.
  - LUMINAIRE SCHEDULE AND POLE DETAILS REFER TO DRAWING E101.
  - GENERAL NOTES FOR INCOMING SERVICE FROM LOCAL HYDRO:
    - EC SHALL NOT START THE SITE SERVICE WORK UNTIL RECEIVED LOCAL HYDRO SITE SERVING PLAN ISSUED BY LOCAL HYDRO INCLUDING THE SERVICE INCOMING LOCATION, PRIMARY AND SECONDARY UNDERGROUND INFRASTRUCTURE SCOPE OF WORK, TR LOCATION, AND HYDRO STANDARD SPECIFICATION FOR CONCRETE PAD, GROUNDING, BOLLARDS, ETC.
    - THE CUSTOMER WILL NEED TO SUPPLY THE DRAWINGS OF MAIN SWITCHBOARD FOR HYDRO APPROVAL. THIS ENSURES THE METERS COMPARTMENT WILL BE SUITABLE FOR RECEIVE METERS EQUIPMENT.
    - ALL CIVIL WORK AROUND UNDERGROUND PRIMARY AND EQUIPMENT WILL BE COORDINATED WITH HYDRO PRIOR TO PROCEED.
    - ALL SECONDARY CABLES, CONDUITS AND TERMINATIONS WILL BE THE RESPONSIBILITY OF THE CUSTOMER OR AS DEFINED BY HYDRO OFFER TO CONNECT.
    - BOLLARDS AND GROUNDING FOR HYDRO PAD-MOUNT TRANSFORMER PROTECTION WILL BE SUPPLIED AND INSTALLED BY THE CUSTOMER.

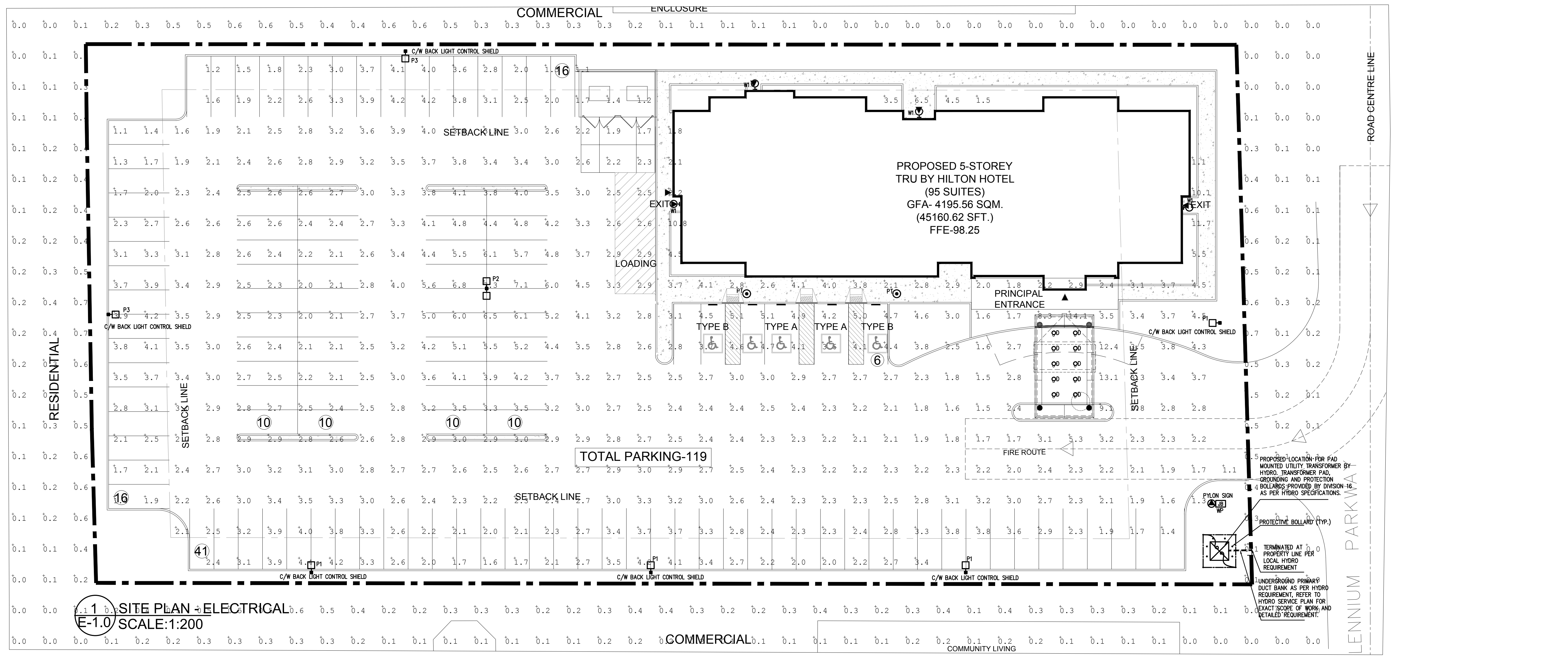
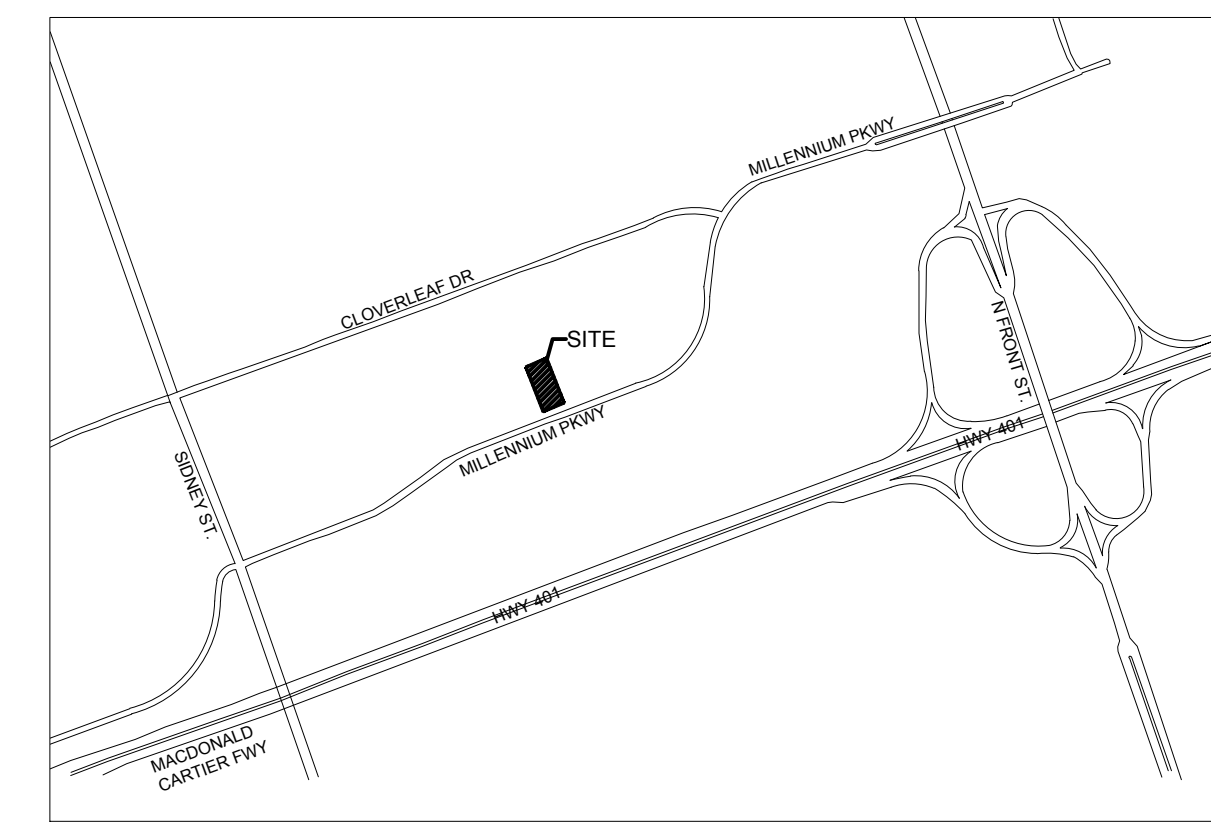
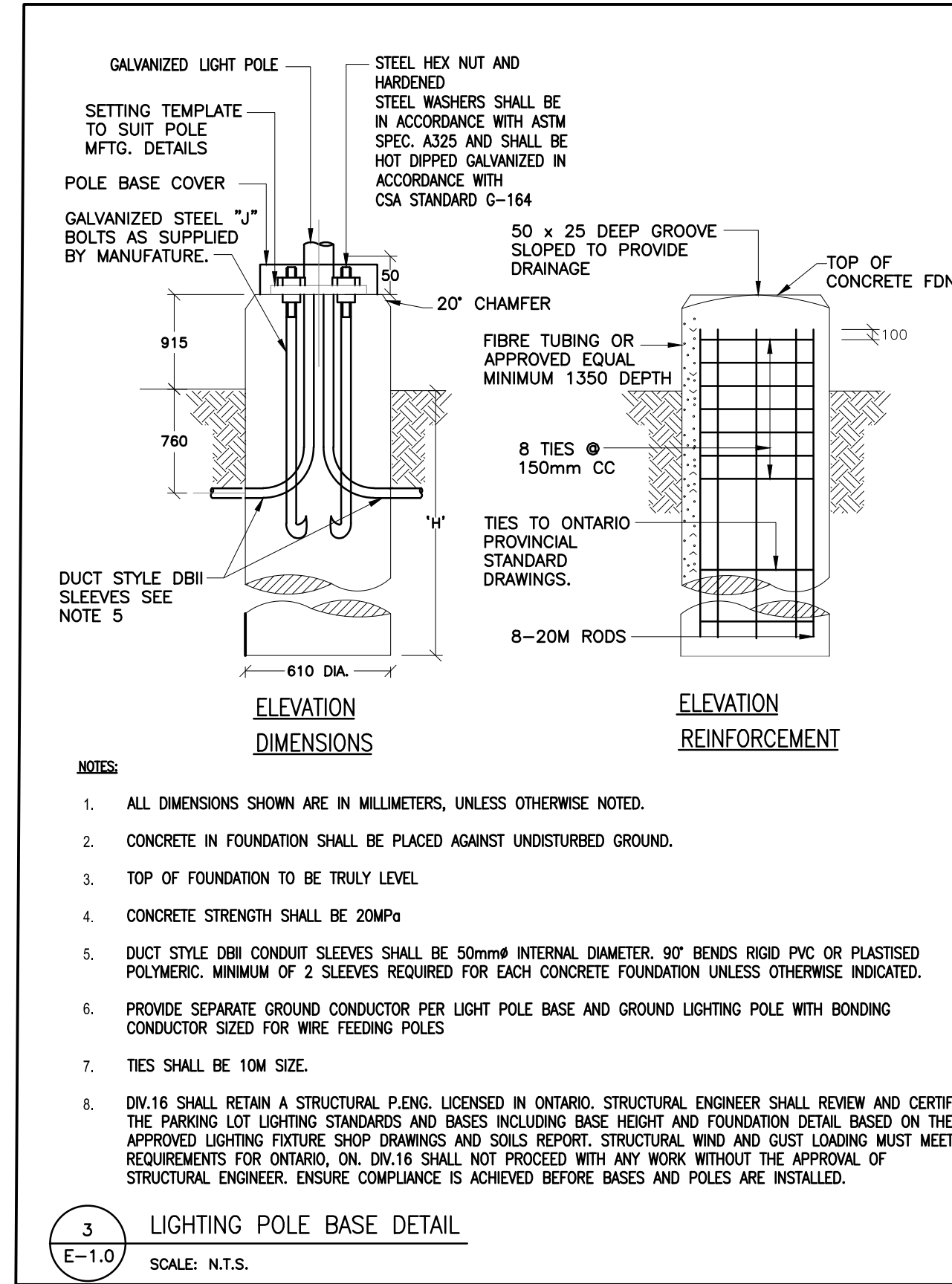
LUMINAIRE SCHEDULE				
TYPE	DESCRIPTION	LAMPS AND BALLAST	CATALOGUE NO.	IMAGE
P1	EXTERIOR SINGLE HEAD HIGH PERFORMANCE POLE LUMINAIRE, FULL CUT-OFF, C/W HOUSE SIDE SHIELD. OVERALL HEIGHT IS 27' INCLUDING 3' HIGH CONCRETE BASE ABOVE FINISHED GRADE PORTION. FINISH AS PER ARCHITECT'S SELECTION. APPLICATION: SITE	206W LED 19636LM AND 347V DRIVER, 4000K.	GARCOO BY SIGNIFY #CF-64L-1A-NW-G2-4-HS, B1-U0-G4 SERIES OR APPROVED EQUAL	
P2	SIMILAR TO TYPE 'P1', BUT WITH TOW HEADS BACK-BACK, TYPE 3 DISTRIBUTION AND NO BACK SIDE SHIELD. COLOR FINISH AS PER ARCHITECT'S SELECTION. APPLICATION: SITE	2 x 206W LED, 23936LM AND 347V DRIVER, 4000K.	GARCOO BY SIGNIFY #CF-64L-1A-NW-G2-3 B1-U0-G4 SERIES OR APPROVED EQUAL	
P3	SIMILAR TO TYPE 'P1', FINISH AS PER ARCHITECT'S SELECTION. APPLICATION: SITE	206W LED 19064LM AND 347V DRIVER, 4000K.	GARCOO BY SIGNIFY #CF-64L-1A-NW-G2-3-HS B1-U0-G4 SERIES OR APPROVED EQUAL	
PT	EXTERIOR POST TOP HIGH PERFORMANCE LED POLE LUMINAIRE, WITH YOKE ARM WITH ARM COVERS, DE-CAST ALUMINUM HOUSING, FULL CUT-OFF. OVERALL HEIGHT IS 15' WITH 6" HIGH CONCRETE BASE ABOVE FINISHED GRADE PORTION. COLOR FINISH AS PER ARCHITECT'S SELECTION. APPLICATION: SITE	76W LED 8074LM AND 347V DRIVER, 4000K.	GARCOO BY SIGNIFY #PPT-140L-1675-NW-G2-3-UNV B2-U0-G3 SERIES OR APPROVED EQUAL	
W1	HIGH PERFORMANCE EXTERIOR LED WALL SCONCE, FULL CUTOFF, 9" INSTALLED AFF. FINISH AS PER ARCHITECT'S SELECTION. APPLICATION: SITE	10.6W LED 1055LM AND 347V DRIVER, 4000K.	GARCOO BY SIGNIFY #PBL-14L-200-NW-G2-5-UNV B1-U0-G0 SERIES OR APPROVED EQUAL	
D	6" DIA., ROUND OUTDOOR CANOPY RECESSED LED DOWNLIGHT, TRIM COLOR FINISH AS PER ARCHITECT'S SELECTION. APPLICATION: SITE	30W LED, 3259LM AND 347V DRIVER, 3500K.	GARCOO BY SIGNIFY #P6-RDL-30835CL210 B2-U0-G0 SERIES OR APPROVED EQUAL	

**NOTES:**

- THE OWNER CONVENANTS AND AGREES TO CONSTRUCT AND INSTALL "SHIELDED" LIGHTING FIXTURES ON THE SUBJECT LANDS, IN CONFORMITY WITH THE SITE PLAN AND ENGINEER CERTIFIED LIGHTING PLAN TO THE SATISFACTION OF THE CITY OF XXX.

Calculation Summary

Label	Calc Type	Avg	Units	Ave	Max	Max	Avg/Min	Avg/Max
LIGHTSPILL	Illuminance	Fc	0.19	0.7	0.0	N.A.	N.A.	
PORTE COCHERE	Illuminance	Fc	23.25	32.1	11.9	1.95	2.70	
SITE	Illuminance	Fc	3.10	14.1	1.1	2.82	12.82	



1.	FEB/07/2020	Issued for ZBA/SPA	Y.L.
No.	Date	Version	Dwn.
North Arrow		Seal	
PROJECT: <b>TRU BY HILTON PROPOSED HOTEL MILLENNIUM PARKWAY BELLEVILLE, ON</b>			
DRAWING TITLE: <b>ELECTRICAL SITE PLAN</b>			
DRAWN BY: AS		DATE: 2020 JAN 24	
CHECKED BY: YL		SCALE: AS NOTED	
PROJECT NO.:		DRAWING NO.:	
<b>20-106</b>		<b>E-1.0</b>	