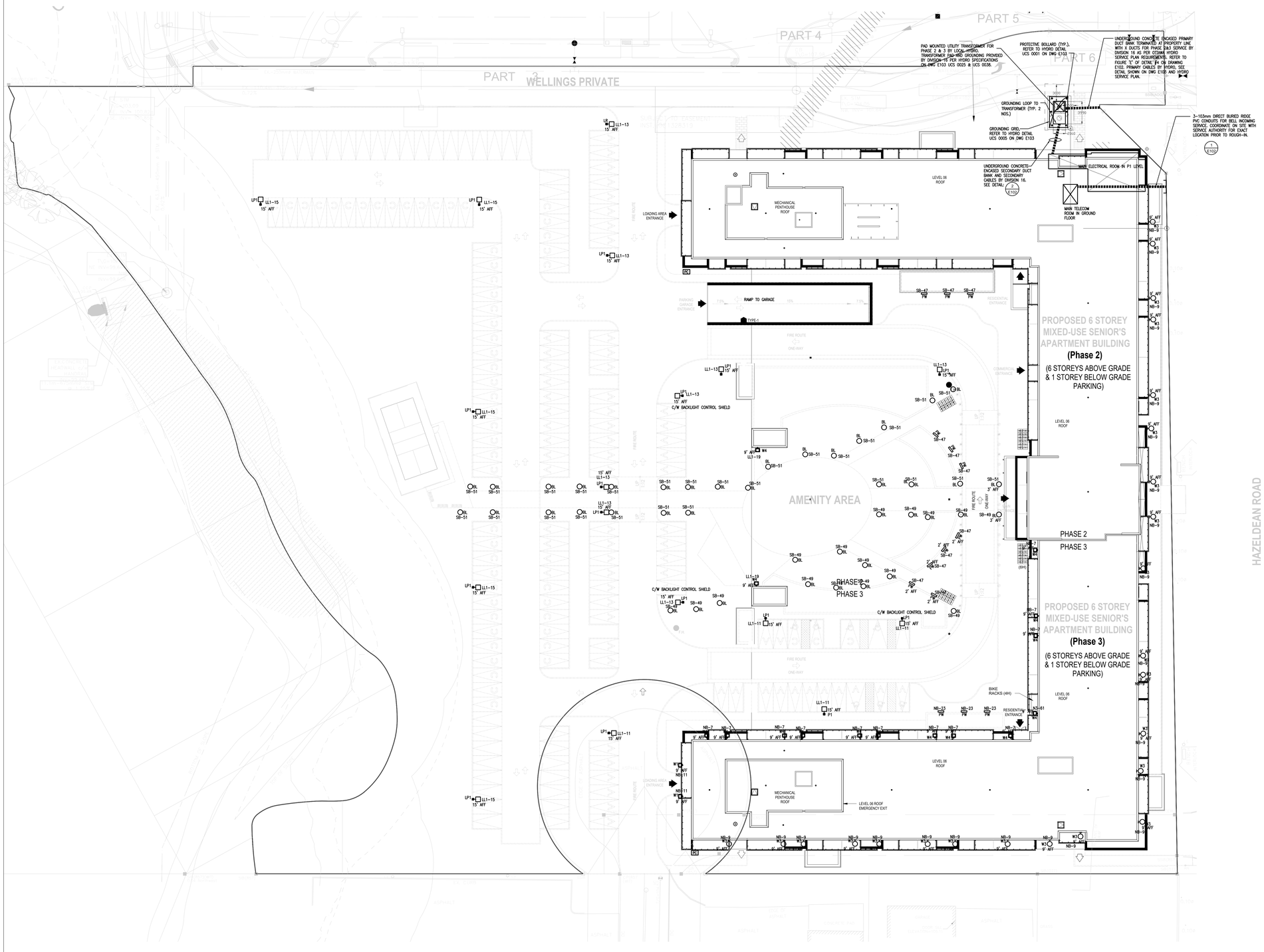
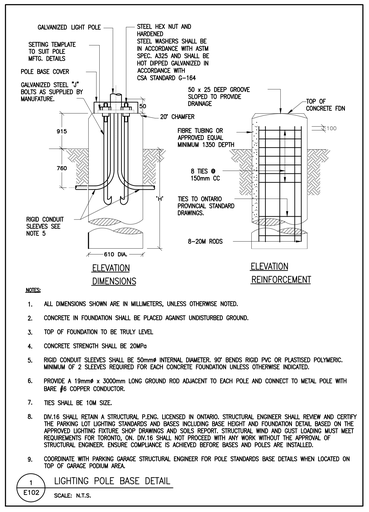


1 E101 SITE PLAN - ELECTRICAL
SCALE1 : 250

DRAWING NOTES:

1. EXTERIOR LIGHTING AND SIGNAGE IF ANY SHALL BE CONTROLLED BY PHOTOCELL WITH MANUAL OVERRIDE SWITCH AND TIMER.
2. RUN MINIMUM #3AWG WIRING AND TYPE II PVC CONDUITS FOR ALL EXTERIOR LIGHTING.
3. SITE LIGHTING LUMINARE SPECIFICATION REFER TO DRAWING E102.
4. GENERAL NOTES FOR INCOMING SERVICE FROM HYDRO:
   1) EC SHALL NOT START THE SITE SERVICE WORK UNTIL RECEIVED OTTAWA HYDRO SITE SERVICING PLAN INCLUDING THE SERVICE INCOMING LOCATION, TR LOCATION, AND HYDRO STANDARD SPECIFICATION FOR CONCRETE PAD, GROUNDING, BOLLARDS, ETC.
   2) THE CUSTOMER WILL NEED TO SUPPLY THE DRAWINGS OF MAIN SWITCHBOARD FOR HYDRO APPROVAL. THIS ENSURES THE METERING COMPARTMENT WILL BE SUITABLE FOR REVENUE METERING EQUIPMENT.
   3) ALL CIVIL WORK AROUND UNDERGROUND PRIMARY AND EQUIPMENT WILL BE COORDINATED WITH HYDRO PRIOR TO PROCEED.
   4) ALL SECONDARY CABLES, CONDUITS AND TERMINATIONS WILL BE THE RESPONSIBILITY OF THE CUSTOMER OR AS DEFINED BY HYDRO OFFER TO CONNECT.
   5) BOLLARDS AND GROUNDING FOR HYDRO PAD-MOUNT TRANSFORMER PROTECTION WILL BE SUPPLIED AND INSTALLED BY THE CUSTOMER.
   6) EGC SHALL OBTAIN UTILITY LOCATIONS PRIOR TO COMMENCEMENT OF ANY SITE EXCAVATION.
5. ROUGH-IN WILL BE PROVIDED IN FUTURE. PROVIDE THE WHOLE STRUCTURE TO ACCOMMODATE FUTURE EV PROVISIONS(NOT IN THIS HOTEL SCOPE OF WORK).
6. LIGHTING LEVELS MEET OR EXCEED HYATT MINIMUM LIGHT LEVELS.



NOTES:

1. ALL DIMENSIONS SHOWN ARE IN MILLIMETERS, UNLESS OTHERWISE NOTED.
2. CONCRETE IN FOUNDATION SHALL BE PLACED AGAINST UNDISTURBED GROUND.
3. TOP OF FOUNDATION TO BE TRULY LEVEL
4. CONCRETE STRENGTH SHALL BE 20MPa
5. RIGID CONDUIT SLEEVES SHALL BE 50mmø INTERNAL DIAMETER, 90° BENDS RIGID PVC OR PLASTISED POLYMERIC. MINIMUM OF 2 SLEEVES REQUIRED FOR EACH CONCRETE FOUNDATION UNLESS OTHERWISE INDICATED.
6. PROVIDE A 19mmø x 3000mm LONG GROUND ROD ADJACENT TO EACH POLE AND CONNECT TO METAL POLE WITH BARE #6 COPPER CONDUCTOR.
7. TIES SHALL BE 10M SIZE.
8. DIV.16 SHALL RETAIN A STRUCTURAL P.ENG. LICENSED IN ONTARIO. STRUCTURAL ENGINEER SHALL REVIEW AND CERTIFY THE PARKING LOT LIGHTING STANDARDS AND BASES INCLUDING BASE HEIGHT AND FOUNDATION DETAIL BASED ON THE APPROVED LIGHTING FIXTURE SHOP DRAWINGS AND SOILS REPORT. STRUCTURAL WIND AND GUST LOADING MUST MEET REQUIREMENTS FOR TORONTO, ON. DIV.16 SHALL NOT PROCEED WITH ANY WORK WITHOUT THE APPROVAL OF STRUCTURAL ENGINEER. ENSURE COMPLIANCE IS ACHIEVED BEFORE BASES AND POLES ARE INSTALLED.
9. COORDINATE WITH PARKING GARAGE STRUCTURAL ENGINEER FOR POLE STANDARDS BASE DETAILS WHEN LOCATED ON TOP OF GARAGE PODIUM AREA.

1 E102 LIGHTING POLE BASE DETAIL
SCALE: N.T.S.

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PROPERTYLINE	Illuminance	Fc	0.08	0.4	0.0	N.A.	N.A.
SITE_Planar	Illuminance	Fc	3.23	39.3	0.0	N.A.	N.A.

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DO NOT SCALE THE DRAWINGS

RELEASE / REVISION RECORD

No.	Description	Date
1	Issued for Permit	21-12-22
2	Issued for SPA Re-submission	09-02-2022
3	Issued for Tender	03-21-2022
4	ADD-E1	04-01-2022
5	ADD-E3	04-28-2022
6	ISSUED FOR HYDRO REVIEW	07-19-2022
7	Reissued for Permit	08-12-2022
8	Issued for Tender	23-08-2022
9	Issued for SPA review	18-10-2022
10	Re-submission for Building Permit	02-12-2022
11	Issued for SPA Amendment	01-16-2023
12		
13		

TRUE NORTH

PROFESSIONAL ENGINEER PROVINCE OF ONTARIO D. JAIN JAN.16, 2023

19–136

PROJECT NORTH

MAY NOT BE USED FOR CONSTRUCTION UNTIL SIGNED BY THE ARCHITECT

WELLINGS OF STITTSVILLE PHASE 2

20 CEDARCRI COURT, STITTSVILLE, ON

PROJECT No.	DRAWN
19-1764	LS
SCALE	CHECKED
As indicated	LY

DRAWING TITLE

SITE PLAN - ELECTRICAL

DRAWING NO.

E101

FILE No. 2021-12-19-A1.DWG

PLAN No. 18190