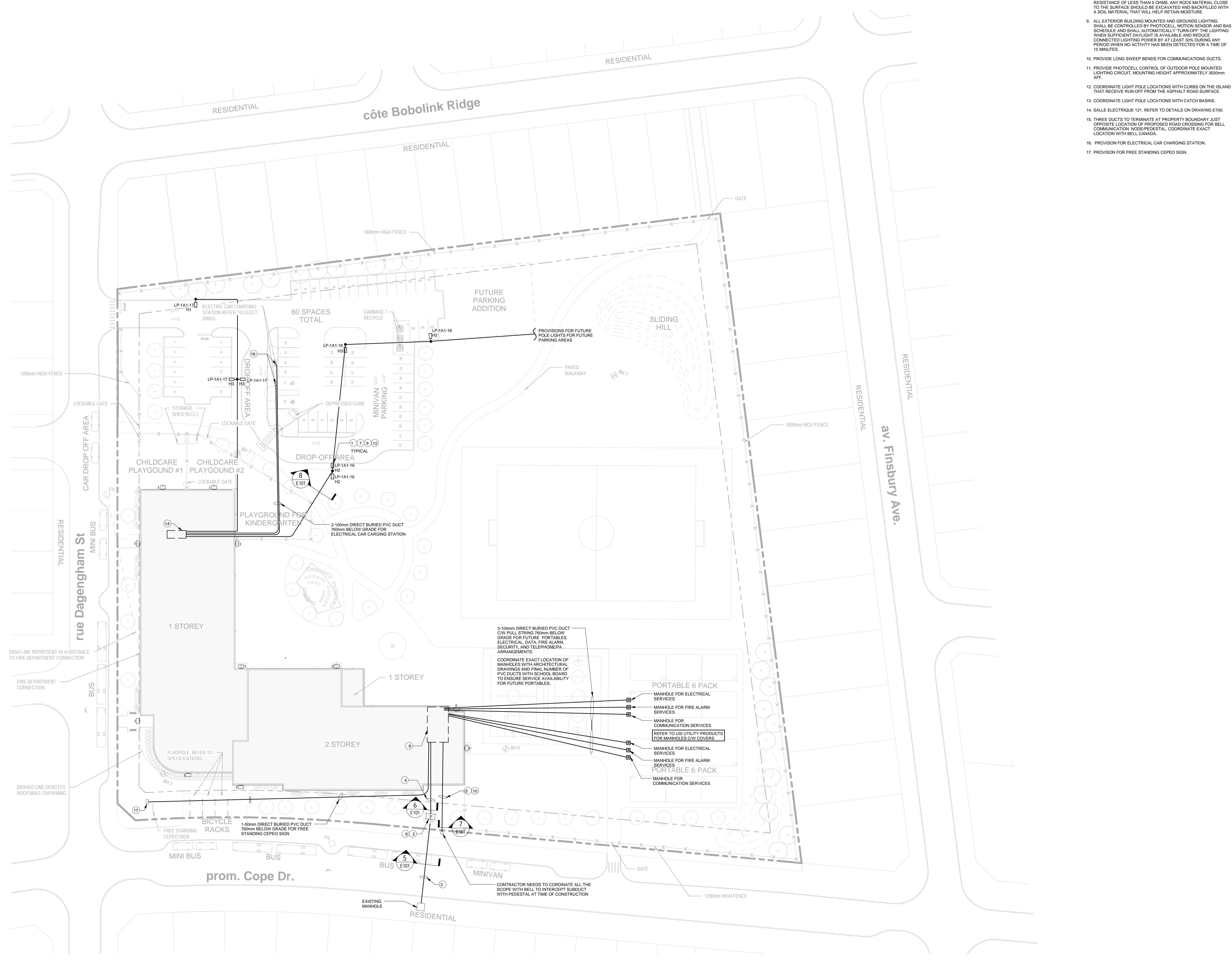
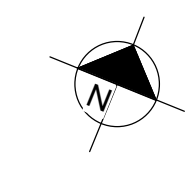


LIGHTING FIXTURE SCHEDULES										
TYPE	DESCRIPTION	CATALOGUE NUMBER	LAMPS PER FIXTURE				VOLTS	TOTAL WATTS	MOUNTING	REMARKS
			NO.	TYPE	WATTS	COLOUR				
H1	PREVAL AREA AND ROADWAY LUMINAIRE LEADS AND TYPE II OPTICS WITH HOUSE SIDE SHELD, BRONZE PAINTED FINSH	COOPER PRV-C25-D-UNV-T2-B2-HSS	2	LED	-	4000 K	6073 W	120 V	96 W	POLE (TM)
H2	PREVAL AREA AND ROADWAY LUMINAIRE LEADS AND TYPE IV OPTICS WITH HOUSE SIDE SHELD, BRONZE PAINTED FINSH	COOPER PRV-C40-D-UNV-T4-B2-HSS	2	LED	-	4000 K	7759 W	120 V	131 W	POLE (TM)
H3	PREVAL AREA AND ROADWAY LUMINAIRE LEADS AND TYPE IV OPTICS WITH HOUSE SIDE SHELD, BRONZE PAINTED FINSH	COOPER PRV-C40-D-UNV-T5-B2	2	LED	-	4000 K	9130 W	120 V	131 W	POLE (TM)
I	IMPACT ELITE LED QUARTER SPHERE LUMINAIRE	COOPER ISS-SA17-F40-U-T2	16	LED	-	4000 K	493 W	120 V	66 W	WALL MOUNTED

- SPECIFIC NOTES:**
- THIS FIXTURE TO BE PROVIDED WITH 610mm LONG MAST ARM.
 - PADMOUNT TRANSFORMER BY HYDRO OTTAWA. PROVIDE TRANSFORMER BASE TO HYDRO OTTAWA STANDARDS. PRECAST TRANSFORMER BASE AND BOLLARDS BY GENERAL CONTRACTOR. REFER TO HYDRO OTTAWA STANDARDS DETAIL UFS0001, UFS0002 AND UFS0003. SEE DETAILS 1, 2 & 3 ON DRAWING E101.
 - 4-100mm CONCRETE ENCASED PVC DUCTS 1000mm BELOW GRADE FOR HYDRO OTTAWA PRIMARY CABLES. SEE DETAIL 7 ON DRAWING E101. WORK TO BE PERFORMED BY GENERAL TRADES TO HYDRO OTTAWA STANDARDS DETAIL UFS0001. TRANSFORMER REFER TO HYDRO OTTAWA STANDARDS DETAIL UFS0001, UFS0002, UFS0003 AND UFS0004.
 - DIRECT BURIED SECONDARY FEEDERS IN PVC DUCTS. REFER TO SINGLE LINE DIAGRAM. SECONDARY FEEDERS REQUIRE COMPRESSION TYPE CONNECTORS AT THE PADMOUNT TRANSFORMER.
 - 2-100mm DIRECT BURIED PVC DUCT 700mm BELOW GRADE FOR TELEPHONE SERVICE FROM PROPERTY LINE TO BACKBOARD IN COMMUNICATIONS ROOM. SEE DETAIL 7 ON DRAWING E101.
 - SALLE ELECTRIQUE 134. REFER TO DETAILS ON DRAWING E700.
 - TYPICAL: SEE DETAIL 4' ON DRAWING E101 FOR CONCRETE BASE FOR LIGHT STANDARD.
 - THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO INSTALL THE GROUNDING SYSTEM OF THE TRANSFORMER AS PER HYDRO OTTAWA REQUIREMENTS & TO ACHIEVE A GROUNDING RESISTANCE OF LESS THAN 5 OHMS. ANY ROCK MATERIAL CLOSE TO THE SURFACE SHOULD BE EXCAVATED AND BACKFILLED WITH A SOIL MATERIAL THAT WILL HELP RETAIN MOISTURE.
 - ALL EXTERIOR BUILDING MOUNTED AND GROUND LIGHTING SHALL BE CONTROLLED BY PHOTOCELL, MOTION SENSOR AND BAS SCHEDULE AND SHALL AUTOMATICALLY TURN OFF THE LIGHTING WHEN SUFFICIENT DAYLIGHT IS AVAILABLE AND REDUCE CONNECTED LIGHTING POWER BY AT LEAST 30% DURING ANY PERIOD WHEN NO ACTIVITY HAS BEEN DETECTED FOR A TIME OF 15 MINUTES.
 - PROVIDE LONG SWEEP BENDS FOR COMMUNICATIONS DUCTS.
 - PROVIDE PHOTOCELL CONTROL OF OUTDOOR POLE MOUNTED LIGHTING CIRCUIT. MOUNTING HEIGHT APPROXIMATELY 3000mm AFF.
 - COORDINATE LIGHT POLE LOCATIONS WITH CURBS ON THE ISLAND THAT RECEIVE RUN-OFF FROM THE ASPHALT ROAD SURFACE.
 - COORDINATE LIGHT POLE LOCATIONS WITH CATCH BASINS.
 - SALLE ELECTRIQUE 121. REFER TO DETAILS ON DRAWING E700.
 - THREE DUCTS TO TERMINATE AT PROPERTY BOUNDARY. JUST OPPOSITE LOCATION OF PROPOSED ROAD CROSSING FOR BELL COMMUNICATION. HIDE PEDESTAL. COORDINATE EXACT LOCATION WITH BELL CANADA.
 - PROVISION FOR ELECTRICAL CAR CHARGING STATION.
 - PROVISION FOR FREE STANDING CEPED SIGN.



SITE PLAN
1:400

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CLIENT REF #
PROJECT
ÉCOLE ÉLÉMENTAIRE
KANATA - STITTSVILLE



KEY PLAN

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NO.	DATE	DESCRIPTION
01	2022-04-08	ISSUED FOR SITE PLAN APPLICATION
02	2022-05-21	ISSUED FOR BID AND PERMIT
03	2022-01-13	ISSUED FOR 99% CD REVIEW
04	2021-11-19	ISSUED FOR 85% CD REVIEW
05	2021-09-24	ISSUED FOR 60% CD REVIEW

PROJECT NO: 219-0014-00
DATE: 2022-04-08
DRAWN BY: PB
CHECKED BY: SS
DISCIPLINE: ELECTRICAL

TITLE: SITE PLAN
SHEET NUMBER: E100
SHEET # 2 of 13
DATE OF ISSUE: 2022-04-08

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