



**2023079 Innes Road - Electrical Drawing List**  
 INNES ROAD, OTTAWA, ONTARIO

DESCRIPTION	DRAWING NO.	SHEET NO.
Electrical Cover Page	E0.0	1
Electrical Legend, Single Line Diagram, Schedules & Details	E0.1	2
Electrical Site Lighting Photometrics	E1.0	3
Electrical Site Lighting Plan	E1.1	4

  
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No.	Description	Date
1	ISSUED FOR REVIEW 30%	2023-05-30
2	ISSUED FOR REVIEW 50%	2023-07-28
3	ISSUED FOR REVIEW 75%	2024-01-03
4	ISSUED FOR SPA REV.2	2024-02-22

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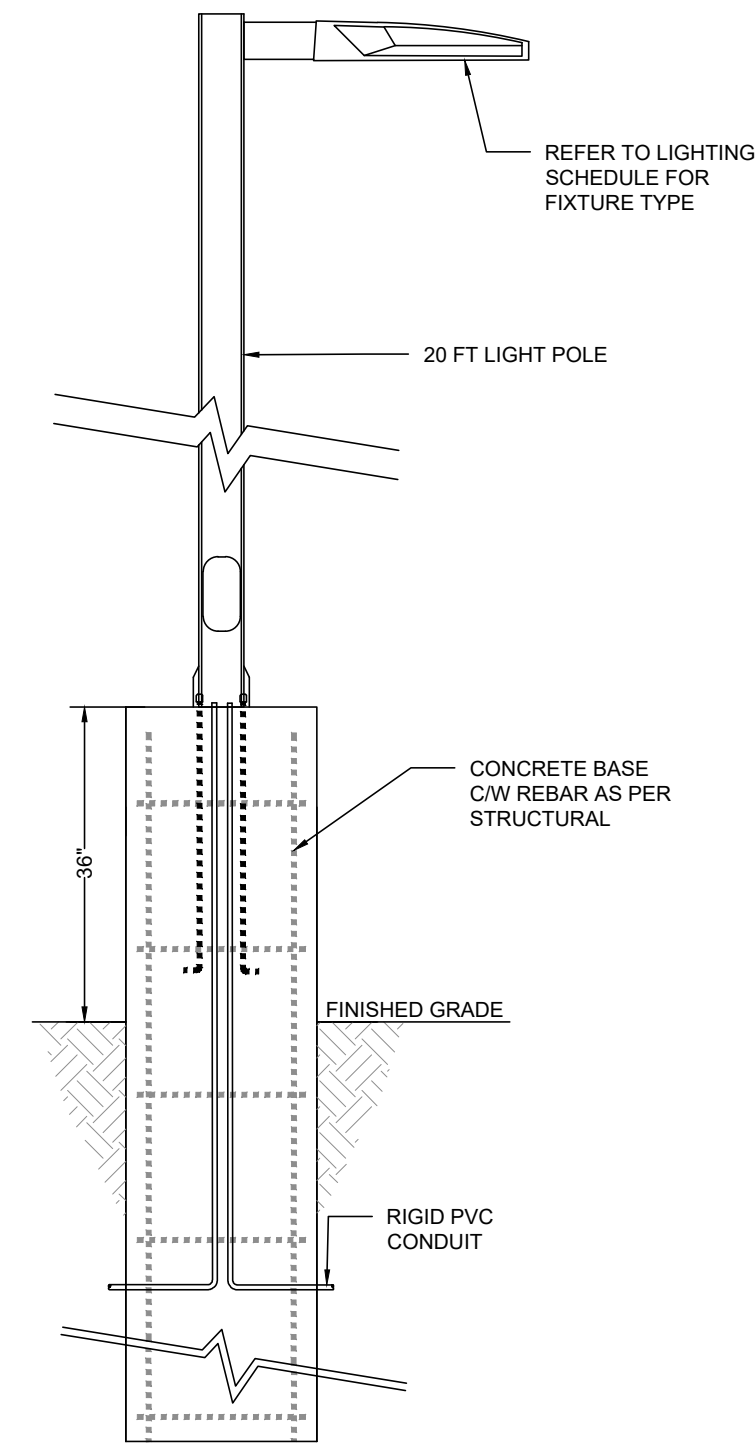
DRAWN BY: ACF  
 CHECKED BY: SHERRY KALDAS  
 ENGINEER: MOSES NORGA, P.ENG.  
 PROJECT #: 2023079  
 SCALE: AS NOTED

PROJECT  
**Innes Road**  
 INNES ROAD, OTTAWA, ONTARIO

DESCRIPTION  
**Electrical  
 Cover Page**  
 DRAWING NO. **E0.0** SHEET **1** / **4**

**ELECTRICAL SYMBOL LEGENDS**

LIGHTING / SWITCHING	
	SURFACE CEILING MOUNTED LUMINAIRE
	SURFACE CEILING MOUNTED EMERGENCY POWERED LUMINAIRE
	RECESSED CEILING MOUNTED LED DOWNLIGHT
	RECESSED CEILING MOUNTED EMERGENCY POWERED LUMINAIRE
	SUSPENDED CEILING MOUNTED LUMINAIRE
	SUSPENDED CEILING MOUNTED EMERGENCY POWERED LUMINAIRE
	WALL MOUNTED LUMINAIRE
	WALL MOUNTED EMERGENCY POWERED LUMINAIRE
	SURFACE OR SUSPENDED MOUNTED LUMINAIRE
	SURFACE OR SUSPENDED MOUNTED EMERGENCY POWERED LUMINAIRE
	RECESSED MOUNTED LUMINAIRE
	TRACK TYPE LUMINAIRE (REFER TO FIXTURE SCHEDULE FOR HEAD COUNTS AND TRACK LENGTHS)
	POLE MOUNTED LUMINAIRE (QUANTITY OF HEADS AS SHOWN ON PLAN)
	BOLLARD TYPE LUMINAIRE
	SINGLE POLE SWITCH
	THREE WAY OR FOUR WAY SWITCH
	KEY-OPERATED SWITCH
	DIMMER SWITCH
	SWITCH CW VACANCY SENSOR
	DIMMER SWITCH CW VACANCY SENSOR
	SWITCH CW OCCUPANCY SENSOR
	TIMER SWITCH
	OCCUPANCY SENSOR - CEILING MOUNTED (PROVIDE TYPE SUIT COVERAGE)
	VACANCY SENSOR - CEILING MOUNTED (PROVIDE TYPE SUIT COVERAGE)
	TIMECLOCK CONTROLLER
	PHOTOCELL CONTROLLER



NOTE:  
REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL REINFORCING AND ALL DIMENSIONS RELATED TO THE CONCRETE BASES.

**2 Pole Mounted Luminaire Base Detail**  
E0.1 Scale NTS

	LUMINAIRES	CROSSTOUR WALL MOUNT LED
	LAMP	LED, 4000K
	LUMENS	6037 LM
	BALLAST	LED DRIVER
	HOUSING	-
	LENS	-
	INPUT WATTAGE	58 W
	MOUNTING	EXTERIOR WALL SURFACE
	SPECIAL REQUIREMENTS	-
	ACCEPTABLE PRODUCTS	LUMARK - XTOR8B-W (OR APPROVED EQUIVALENT)
	LUMINAIRE TYPE	104

	LUMINAIRES	GALLEON AREA AND ROADWAY LUMINAIRE
	LAMP	LED, 4000K
	LUMENS	14372 LM
	BALLAST	-
	HOUSING	-
	LENS	-
	INPUT WATTAGE	113 W
	MOUNTING	20FT POLE
	SPECIAL REQUIREMENTS	-
	ACCEPTABLE PRODUCTS	McGRAW-EDISON - GLEON-SA2C-740-U-T4W (OR APPROVED EQUIVALENT)
	LUMINAIRE TYPE	110

	LUMINAIRES	CROSSTOUR WALL MOUNT LED
	LAMP	LED, 5000K
	LUMENS	2134 LM
	BALLAST	LED DRIVER
	HOUSING	-
	LENS	-
	INPUT WATTAGE	18.2 W
	MOUNTING	EXTERIOR WALL SURFACE
	SPECIAL REQUIREMENTS	-
	ACCEPTABLE PRODUCTS	LUMARK - XTOR2B (OR APPROVED EQUIVALENT)
	LUMINAIRE TYPE	111

	LUMINAIRES	GALLEON AREA AND ROADWAY LUMINAIRE
	LAMP	LED, 4000K
	LUMENS	10490 LM
	BALLAST	-
	HOUSING	-
	LENS	-
	INPUT WATTAGE	113 W
	MOUNTING	20FT POLE
	SPECIAL REQUIREMENTS	-
	ACCEPTABLE PRODUCTS	McGRAW-EDISON - GLEON-SA2C-740-U-T4W-HSS (OR APPROVED EQUIVALENT)
	LUMINAIRE TYPE	114

**3 Luminaire Schedules**  
E0.1 Scale NTS

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CHECKED BY: SHERRY KALDAS  
ENGINEER: MOSES NORGA, P.ENG.  
PROJECT #: 2023079  
SCALE: AS NOTED

PROJECT  
**Innes Road**  
INNES ROAD, OTTAWA, ONTARIO

DESCRIPTION  
**Electrical Legend, Single Line Diagram, Schedules & Details**  
DRAWING NO. **E0.1** SHEET **2** OF **4**



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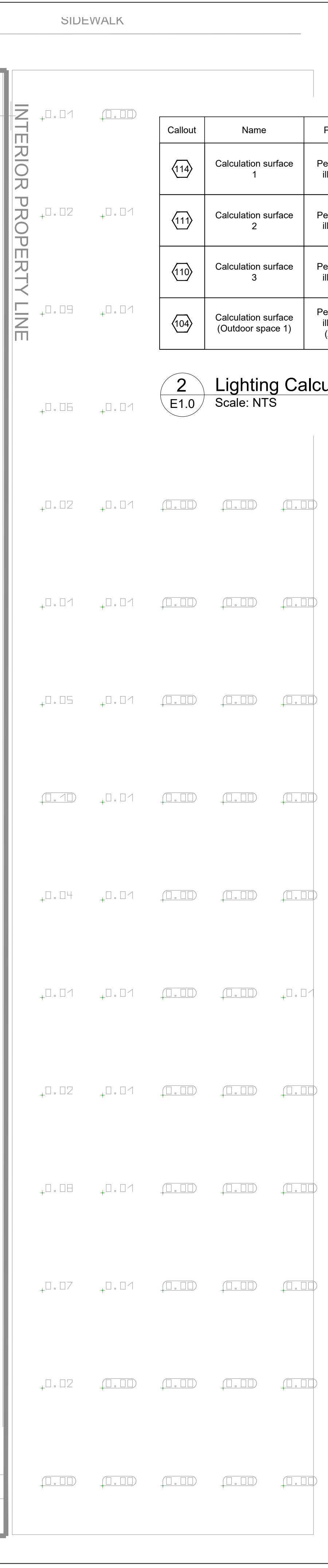
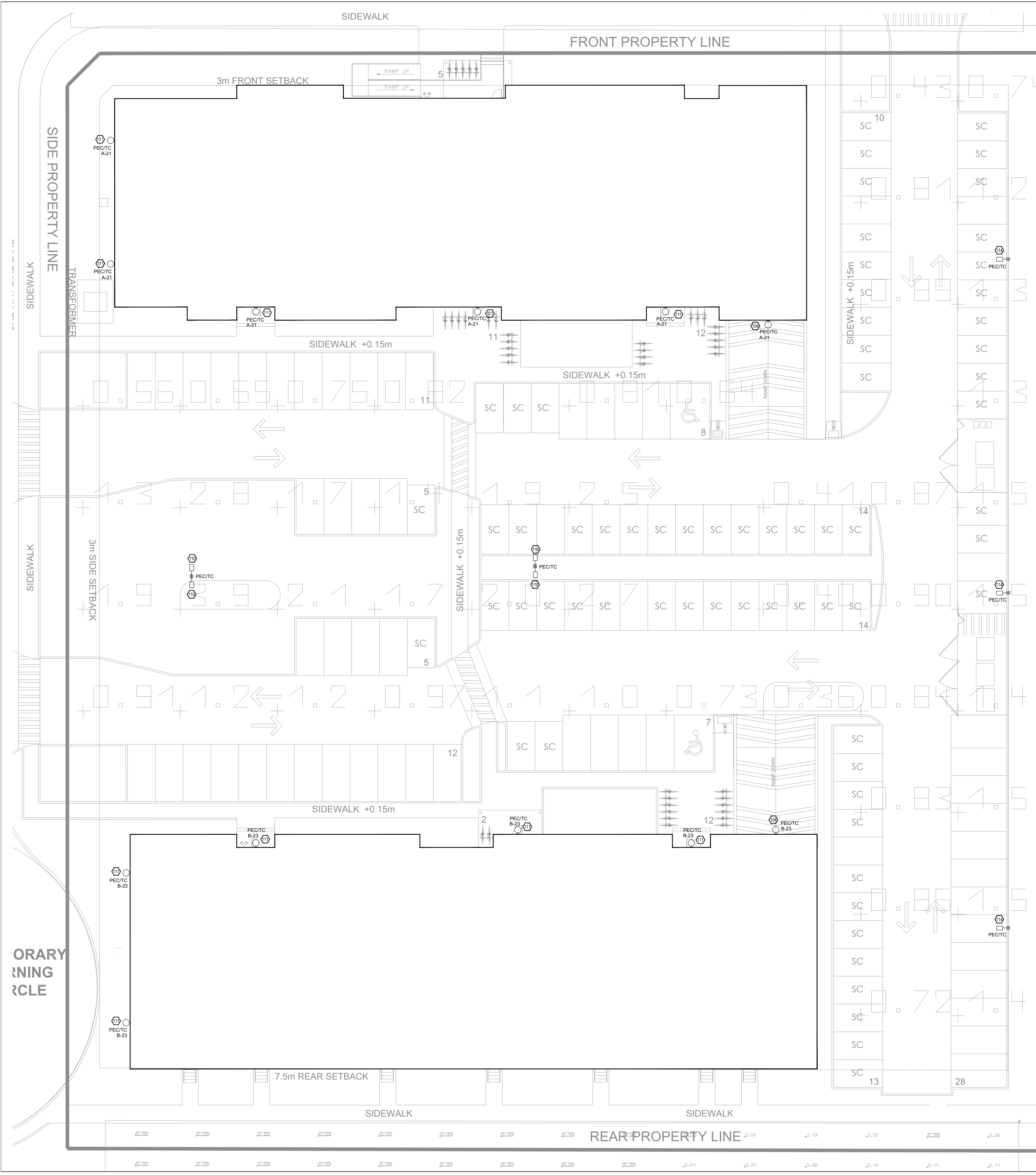
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PROJECT  
**Innes Road**  
 INNES ROAD, OTTAWA, ONTARIO

DESCRIPTION  
**Electrical Site Lighting Photometrics**  
 DRAWING NO. **E1.0** SHEET **3** OF **4**

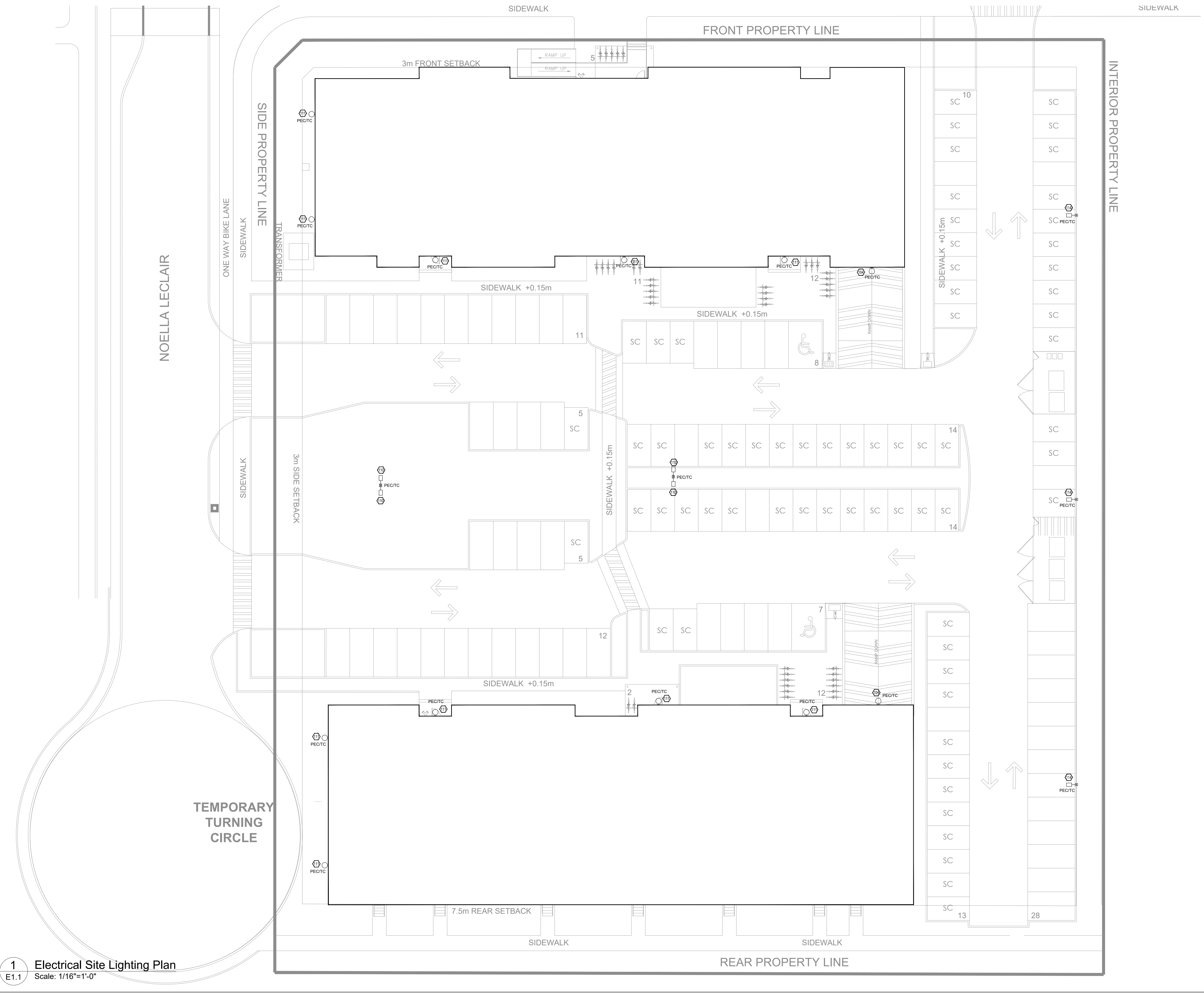


Callout	Name	Parameter	Min	Max	Average	Min/Average	Min/Max
114	Calculation surface 1	Perpendicular illuminance	0.001 fc	0.10 fc	0.011 fc	0.103	0.11
111	Calculation surface 2	Perpendicular illuminance	0.000 fc	0.12 fc	0.011 fc	0.00	0.00
110	Calculation surface 3	Perpendicular illuminance	0.000 fc	0.28 fc	0.026	0.00	0.00
104	Calculation surface (Outdoor space 1)	Perpendicular illuminance (Adaptive)	0.20 fc	5.30 fc	1.37 fc	0.142	0.037

**2** Lighting Calculations  
 Scale: NTS

**1** Electrical Site Lighting Photometrics  
 Scale: 1/16"=1'-0"

DOT-12-23-0095 #19033



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PROJECT  
**Innes Road**  
  
INNES ROAD, OTTAWA, ONTARIO

DESCRIPTION  
**Electrical Site Lighting Plan**  
  
DRAWING NO. **E1.1** SHEET **4** / **4**

**1** Electrical Site Lighting Plan  
Scale: 1/16"=1'-0"

DOT-12-23-0095  
#19033