



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

ARCHITECT

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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

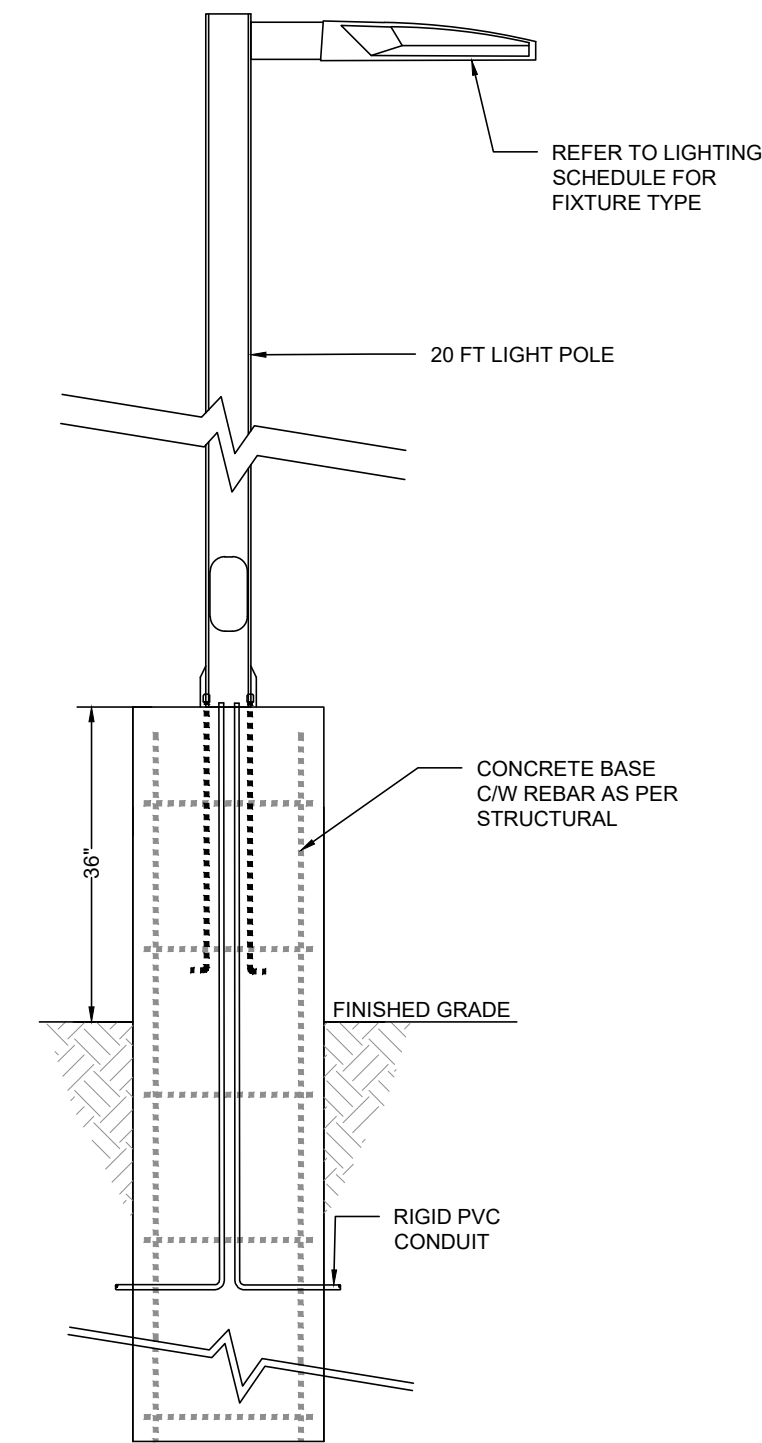
**Electrical
Cover Page**

<small>DRAWING NO.</small> E0.0	<small>SHEET</small> 1 4
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ELECTRICAL SYMBOL LEGENDS

LIGHTING / SWITCHING

Table with 2 columns: Symbol and Description. Includes various lighting fixtures like Surface Ceiling Mounted Luminaire, Wall Mounted Luminaire, and switches like Single Pole Switch, Three Way Switch, etc.



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

Table with 2 columns: Component and Specification. Includes: LUMINAIRE: 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.



Table with 2 columns: Component and Specification. Includes: LUMINAIRE: 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: McGRW-EDISON - GLEON-SA2C-740-U-T4W (OR APPROVED EQUIVALENT); LUMINAIRE TYPE: 110.



Table with 2 columns: Component and Specification. Includes: LUMINAIRE: 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.



Table with 2 columns: Component and Specification. Includes: LUMINAIRE: 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: McGRW-EDISON - GLEON-SA2C-740-U-T4W-HSS (OR APPROVED EQUIVALENT); LUMINAIRE TYPE: 114.



3 Luminaire Schedules
E0.1 Scale NTS

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Revision table with columns: No., Description, Date. Contains 4 revision entries.

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Professional Engineer Seal: W. TOUMEH, 100604333, PROVINCE OF ONTARIO, Feb. 22 2024.

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 Legend, Single Line Diagram, Schedules & Details

DRAWING NO. E0.1 SHEET 2/4



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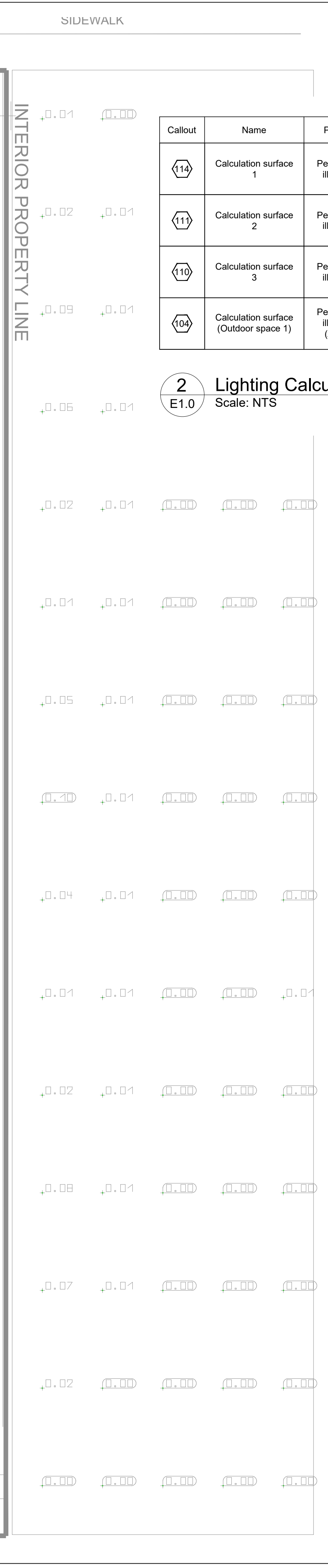
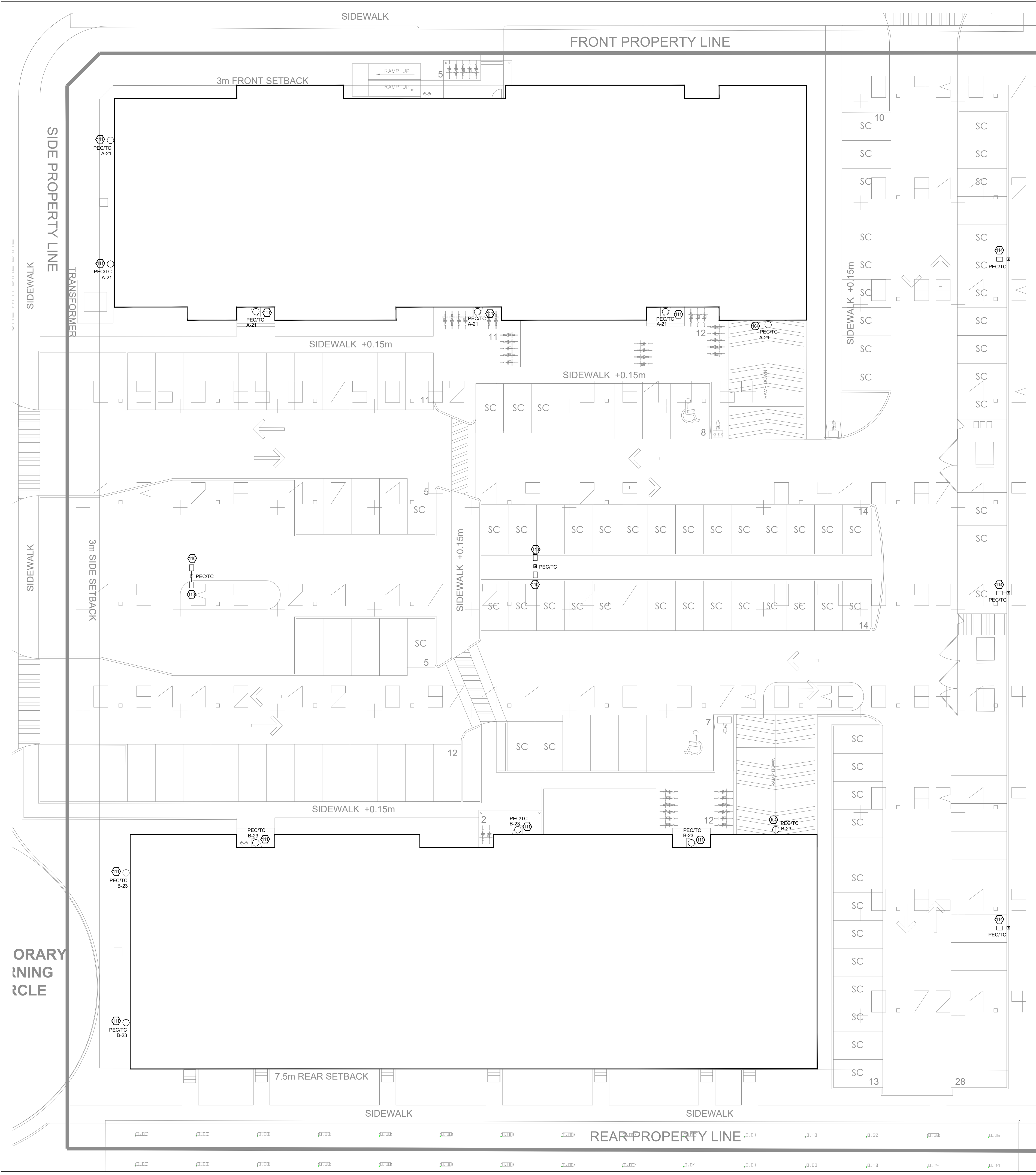
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PROJECT
Innes Road
 INNES ROAD, OTTAWA, ONTARIO

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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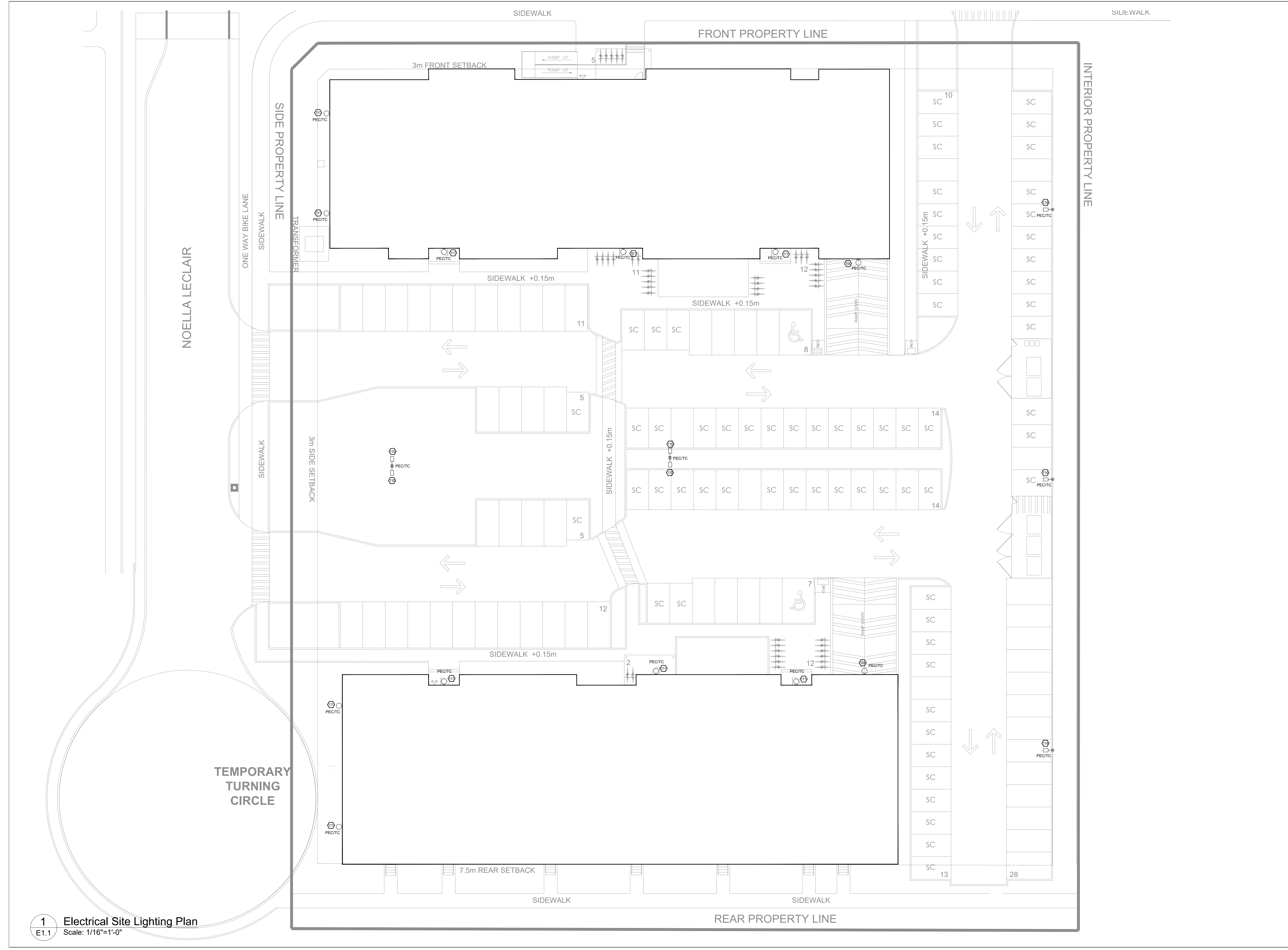
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PROJECT
 Innes Road
 INNES ROAD, OTTAWA, ONTARIO

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



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