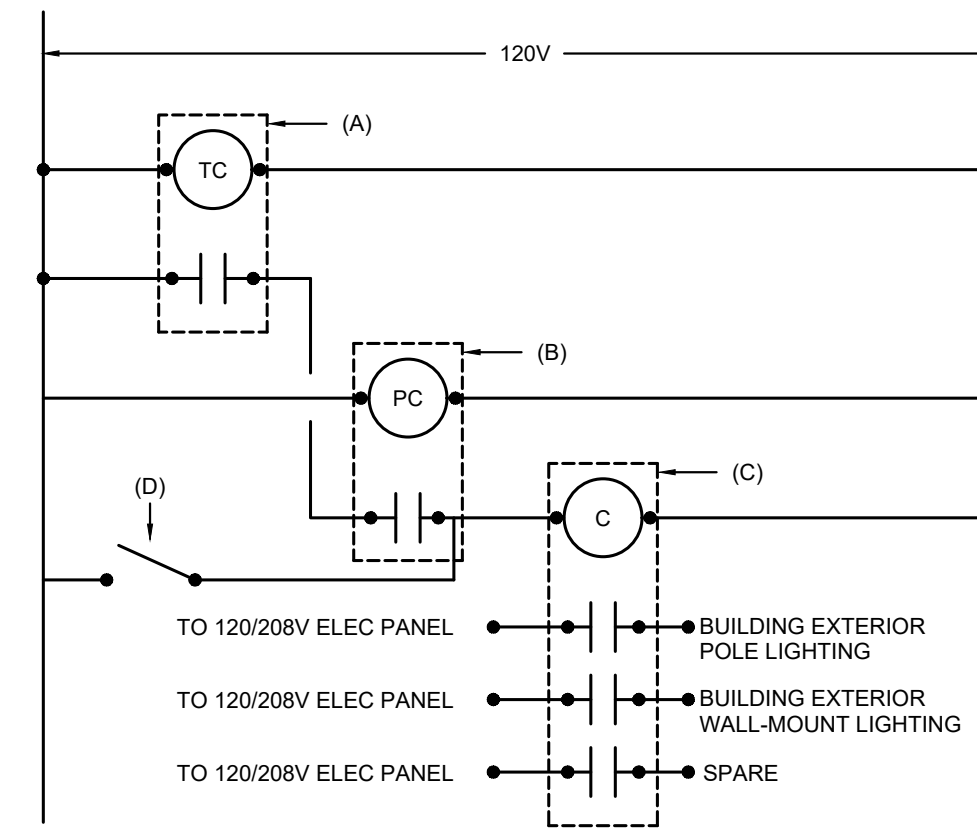


NOTES: COORDINATE EXACT ANCHORING REQUIREMENTS AND CONCRETE BASE DIAMETER WITH POLE MANUFACTURER

DETAIL #1 - AREA LIGHT FIXTURE POLE BASE DETAIL
SCALE: NTS



- A. 7 DAY, 24 HOUR PROGRAMMABLE TIMECLOCK, SPST, 120V COIL, 10A RATED CONTACTS, 10HR MINIMUM BATTERY BACKUP FOR PROGRAMMING
- B. PHOTO CELL, 120V, 2000W RATED MOUNTED ON EXTERIOR OF BUILDING
- C. LIGHTING CONTRACTOR, 120V COIL, 20A 120V RATED CONTACTS IN TYPE 1 ENCLOSURE
- D. 20A, 120V SPST SWITCH

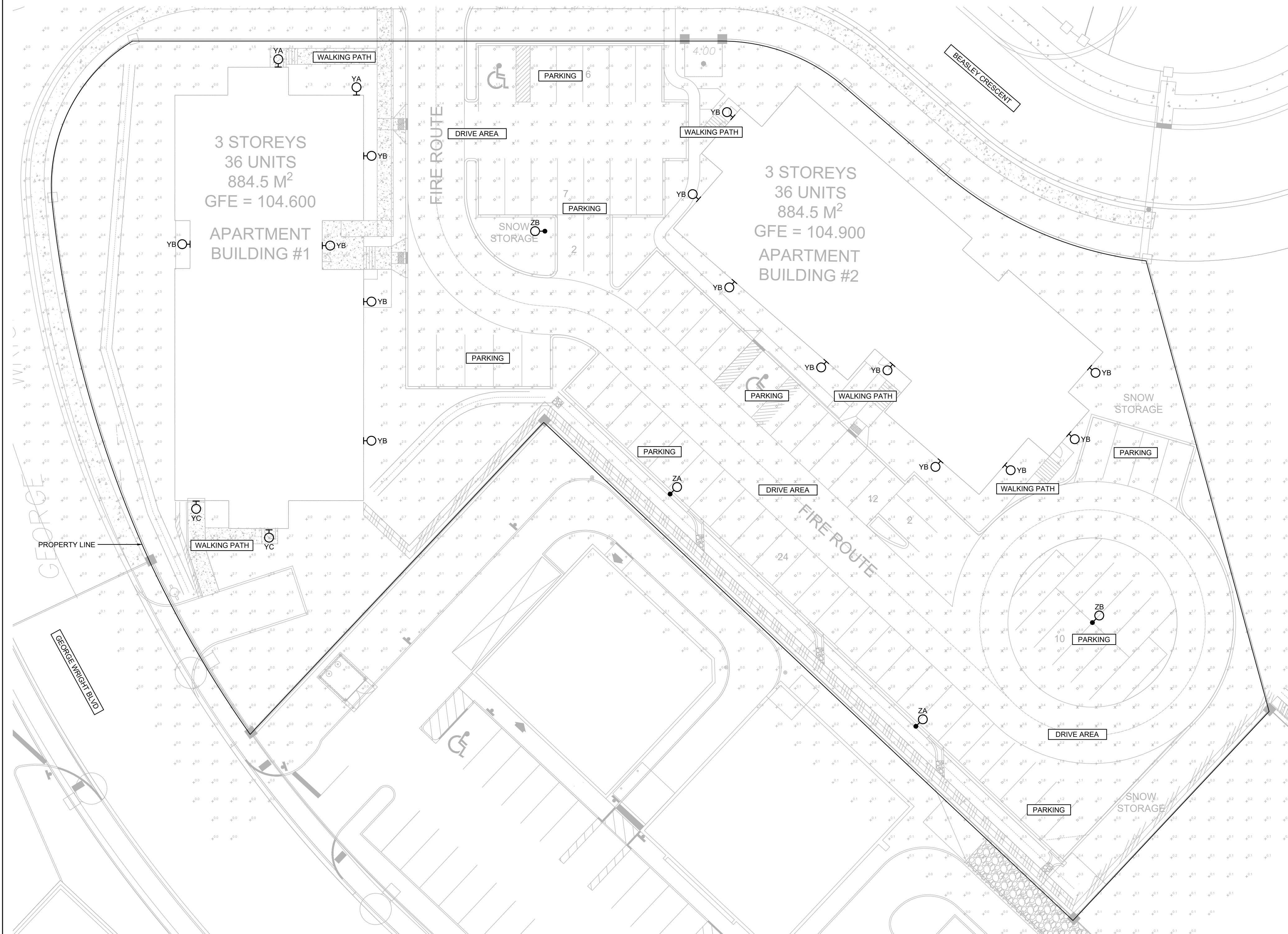
SITE LIGHTING CONTROL SCHEMATIC
SCALE: NTS

LIGHTING FIXTURES SCHEDULE				
FIXTURE TAG	DESCRIPTION AND MODEL SERIES	INPUT	LIGHT SOURCE	MOUNTING
ZA	DARK SKY COMPLIANT POLE MOUNTED LED AREA LIGHTING FIXTURE C/W MOTION SENSOR. OUTPUT TO 50% WHEN VACANCY IS DETECTED. PROVIDE LITHONIA POLE AND MOUNTING KIT. LITHONIA: D5X1 SERIES OR APPROVED EQUIVALENT	120V 184W	LED 21,066L 3000K 80CRI T2M HS	POLE MOUNTED @ 6.1m (~20'-0")
ZB	DARK SKY COMPLIANT POLE MOUNTED LED AREA LIGHTING FIXTURE C/W MOTION SENSOR. OUTPUT TO 50% WHEN VACANCY IS DETECTED. PROVIDE LITHONIA POLE AND MOUNTING KIT. LITHONIA: D5X1 SERIES OR APPROVED EQUIVALENT	120V 184W	LED 22,613L 3000K 80CRI T5W	POLE MOUNTED @ 6.1m (~20'-0")
YA	DARK SKY COMPLIANT EXTERIOR LED WALL LUMINAIRE C/W PHOTOCELL. LITHONIA: WDGE2 SERIES OR APPROVED EQUIVALENT	120V 19W	LED 1,963L 3000K 80CRI T2M	WALL MOUNTED @ 3.2m (~10'-6")
YB	DARK SKY COMPLIANT EXTERIOR LED WALL LUMINAIRE C/W PHOTOCELL. LITHONIA: WDGE2 SERIES OR APPROVED EQUIVALENT	120V 47W	LED 3,978L 3000K 80CRI T4M	WALL MOUNTED @ 3.2m (~10'-6")
YC	DARK SKY COMPLIANT EXTERIOR LED WALL LUMINAIRE C/W PHOTOCELL. LITHONIA: WDGE2 SERIES OR APPROVED EQUIVALENT	120V 47W	LED 4,002L 3000K 80CRI TFTM	WALL MOUNTED @ 3.2m (~10'-6")

NOTES:
 • PROVIDE ALL NECESSARY MOUNTING HARDWARE FOR A COMPLETE INSTALLATION.
 • DISTRIBUTION TYPE(S) COMMENTS:
 • HS DENOTES 'HOUSESIDE SHIELD'
 • T5W DENOTES 'TYPE 5 WIDE DISTRIBUTION OPTICS'
 • T2M DENOTES 'TYPE 2 MEDIUM'
 • T4M DENOTES 'TYPE 4 MEDIUM'
 • TFTM DENOTES 'TYPE 'FORWARD THROW' MEDIUM'

PHOTOMETRIC ILLUMINANCE STATISTICS						
LOCATION	SYMBOL	Lavg (fc)	Lmax (fc)	Lmin (fc)	Lmax/Lmin (fc)	Lavg/Lmin (fc)
DRIVE AREA	✕	2.1	4.4	0.4	11.0	5.3
PARKING	◇	2.1	5.0	0.4	12.5	5.4
WALKING PATHS	✕	3.2	4.4	1.2	3.7	2.7

LIGHTING LEGEND	
SYMBOL	DESCRIPTION
○	POLE LIGHT
○	WALL MOUNT LIGHT FIXTURE



SITE PLAN - PHOTOMETRICS

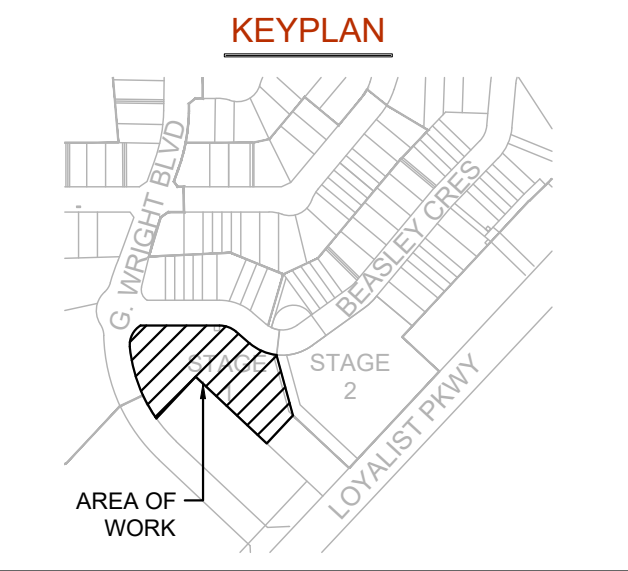
SCALE: 1:250

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PRELIMINARY
NOT FOR
CONSTRUCTION

REVISIONS		
NO.	ISSUED FOR	DATE
00	COORDINATION	AUG 1, 2024
01	CLIENT REVIEW	DEC 13, 2024
02	CLIENT REVIEW	MAY 27, 2025
03	CLIENT REVIEW	SEP 19, 2025
04	SITE PLAN CONTROL	SEP 25, 2025
05	RESUBMISSION FOR SITE PLAN APPROVAL	NOV 27, 2025
06	RESUBMISSION FOR SITE PLAN APPROVAL	APR 07, 2026

NORTH

LICENCED PROFESSIONAL ENGINEER
L. T. A. NGUYEN
100183976
2024-04-09
PROVINCE OF ONTARIO

DESIGN	DL	DRAWN	DL
CHECKED	LN	REVIEWED	LN

PROJECT
WEST MEADOWS PH.2
EXTERIOR LIGHTING

ADDRESS
LOYALIST & COUNTY RD. 4,
PICTON, ONTARIO

PROJECT NO.
CE-5121d

DRAWING TITLE
ELECTRICAL
SCHEDULES, DETAILS &
PHOTOMETRIC SITE PLAN

DRAWING NUMBER
E0.0 OF 1