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NO.	MM/DD/YYYY	DESCRIPTION
B	MAY 23, 2023	RE-ISSUED FOR SPA
A	SEP. 20, 2022	ISSUED FOR ZPA/OA

APPROVED BY **SM**



CLIENT

**SPHERE DEVELOPMENTS (KINGSTON) LP**

PROJECT

**SITE LIGHTING AND PHOTOMETRICS**

**875 KINGSTON ROAD, PICKERING, ON**

TITLE

**SITE LIGHTING PLAN**

DISCIPLINE **ELECTRICAL**

PROJECT NUMBER **2204A-22**

DATE **20/09/2022**

DRAWN BY **SM**

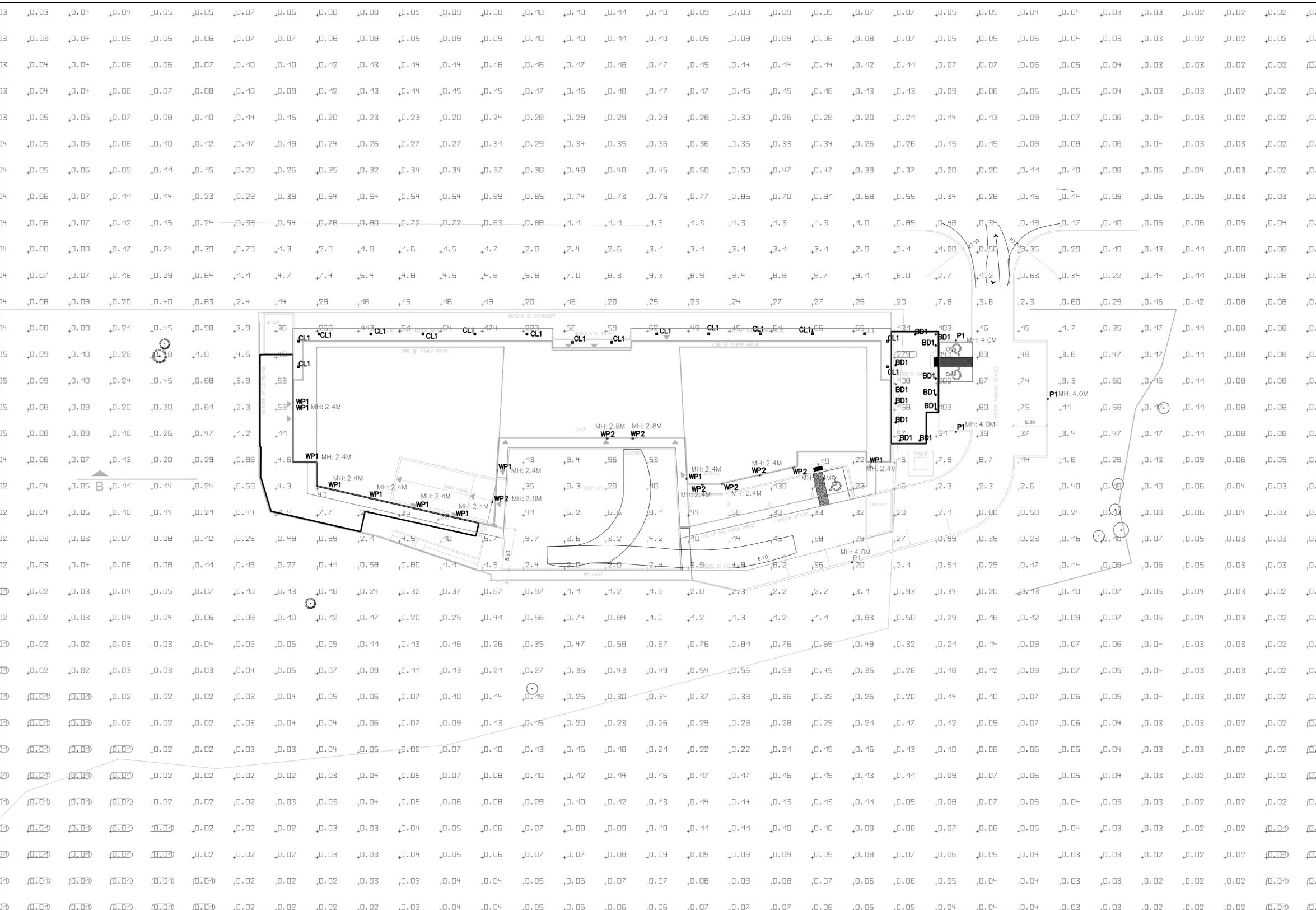
DESIGNED BY **SM**

CHECKED BY **MG**

**E-101**

REVISION NO. **A**

SCALE: **1:300**



**EXTERIOR LIGHTING CONTROL:**

- ALL PARKING LOT POLE MOUNTED HIGH MAST LIGHTS SHALL BE CONTROLLED BY INTEGRATED PHOTO SENSORS TO SCHEDULE THE POWER ON AND OFF BASED ON AMBIENT DAYLIGHT.
- ALL FAÇADE LIGHTS ILLUMINATING THE WALKWAYS SHALL BE SCHEDULED TO TURN ON AT EITHER SUNSET OR 6 PM WHICHEVER COMES FIRST AND SHALL BE SCHEDULED TO TURN OFF AT 6 AM OR BUSINESS OPENING HOURS WHICHEVER IS EARLIER.
- SCHEDULE FOR ALL LIGHTINGS MENTIONED ABOVE SHALL BE CONTROLLED BY LIGHTING PANEL LOCATED IN ELECTRICAL ROOM OF THE BUILDING EXCEPT FOR POLE MOUNTED PARKING LOT LIGHTS WHICH SHALL BE CONTROLLED BY THE INTEGRATED PHOTO SENSORS.
- AT ALL THE TIME, BUILDING MANAGEMENT AND OPERATION CREW SHALL HAVE ACCESS TO THE LIGHTING CONTROL PANEL TO OVERRIDE THESE CONTROLS AS PER THE NEED BASIS.

Index	Manufacturer	Article name	Item number	Fitting	Luminous flux	Light loss factor	Connected load	Quantity
BD1	TBC	D-SERIES BOLLARD WITH 12 4000K LEDS OPERATED AT 350mA AND ASYMMETRIC DISTRIBUTION	DSXB LED 12C 350 40K ASY	1x LED	1283 lm	0.80	16 W	13
WP2	IBD	TWX2 LED WITH P4 - PERFORMANCE PACKAGE, 5000K	TWX2 LED P4 50K	1x	6842 lm	0.80	53.7 W	3
WP1	TBD	WPX1 LED wallpack 1500lm 5000K color temperature 120-277 Volts	WPX1 LED P1 50K 1Mvolt	1x	1602 lm	0.80	11.4 W	24
P1	Philips	RoadStar Architectural Roadway	GPLS-48L1050NW-G2-4-H S	1x 3X LedGine 3 IP66 Neutral White	12396 lm	0.80	161.6 W	4