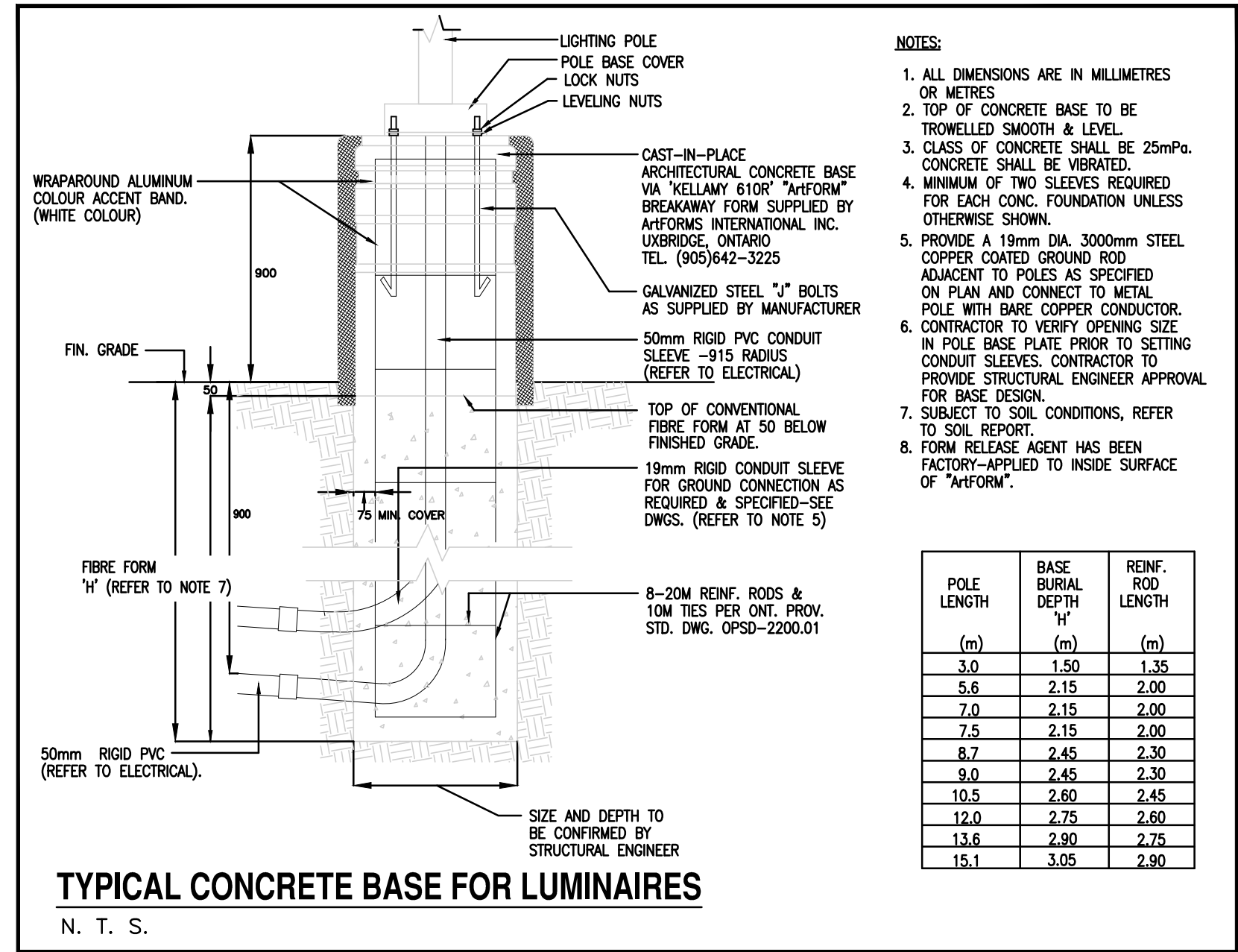
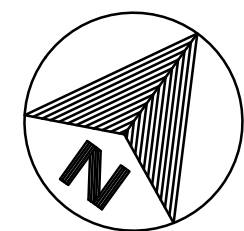
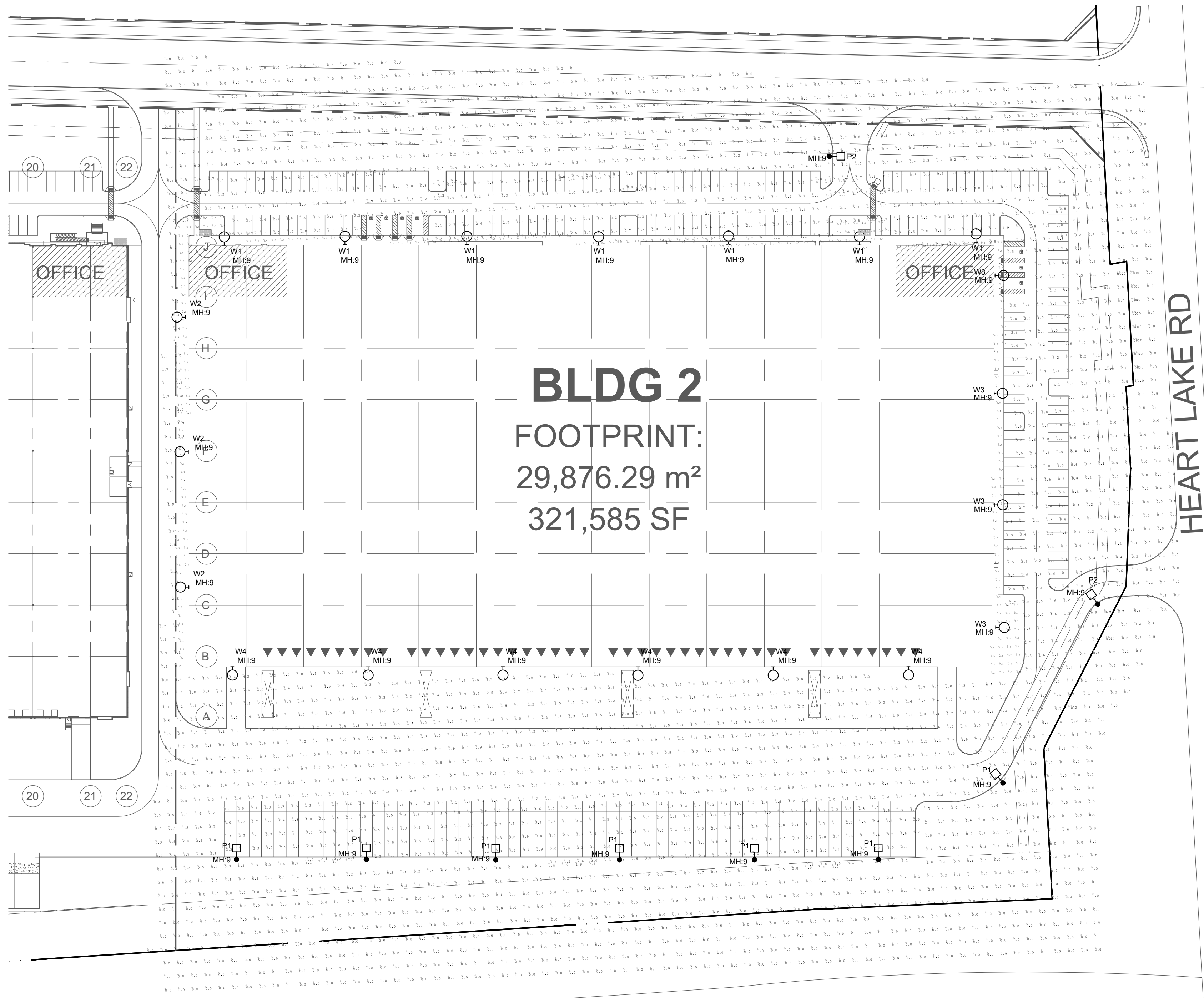


TOWN OF CALEDON
PLANNING
RECEIVED

June 14, 2022



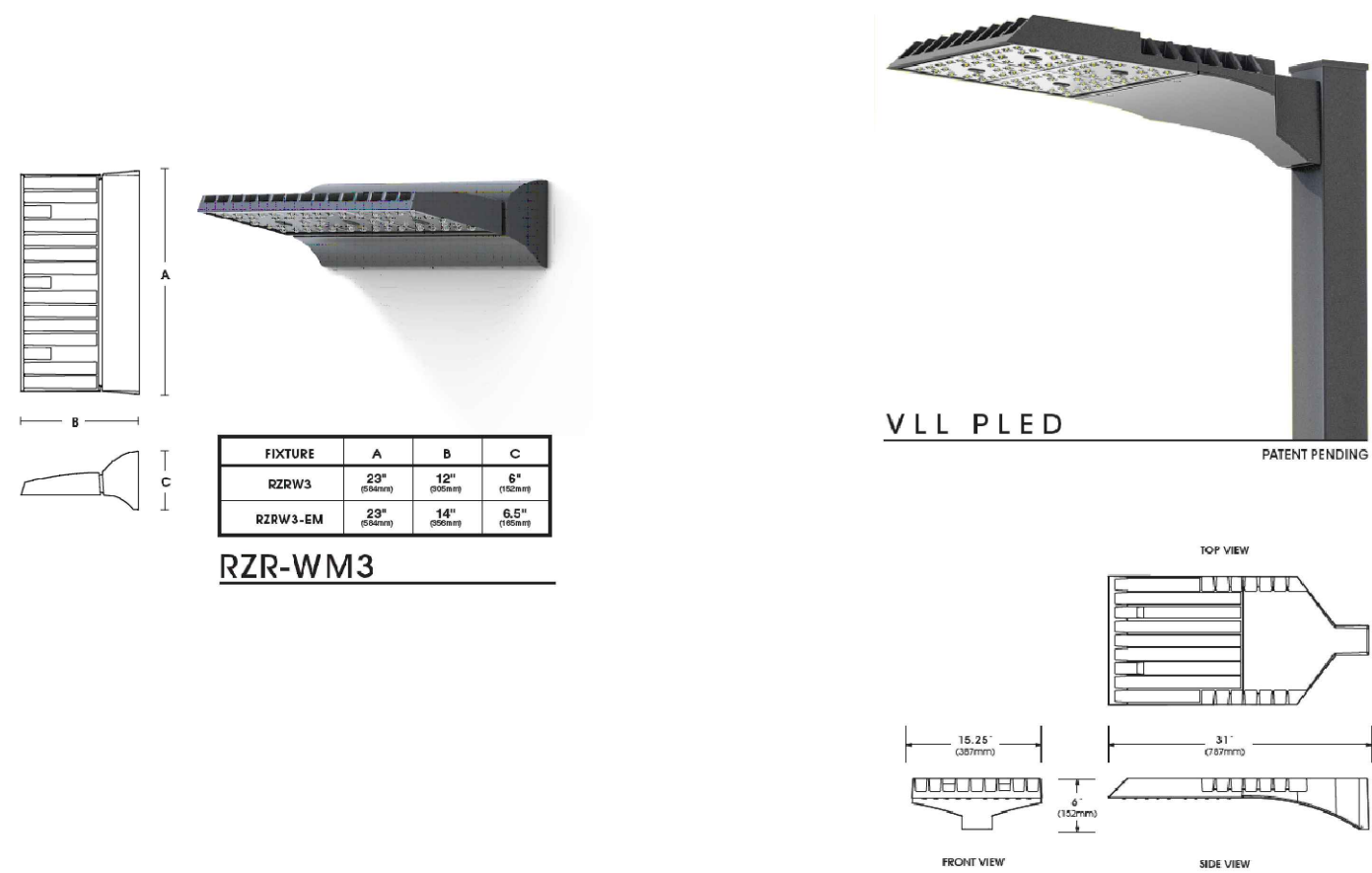
PHOTOMETRIC NOTES:

- THE PHOTOMETRICS REPORT REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA IES FILES. THIS LABORATORY DATA IS TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH THE ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS AND OTHER VARIABLE FIELD CONDITIONS.
- THE ILLUMINATION LEVELS, MEASURED IN FOOTCANDLES, SHOWN ARE BASED ON THE SPECIFIED CRITERIA. ANY SUBSTITUTIONS/DEVIATIONS IN LUMINAIRES OR ALTERATIONS TO THE LAYOUT WILL AFFECT ILLUMINATION LEVELS SHOWN AND WILL NOT BE THE RESPONSIBILITY OF INVIRO ENGINEERED SYSTEMS LTD.
- FINAL ADJUSTMENTS TO AIMING ANGLE(S) OF LUMINAIRES MAY BE REQUIRED TO ELIMINATE LIGHT TRESPASS OR GLARE ONTO ADJACENT PROPERTIES OR ROADWAYS.
- FOOTCANDLES SHOWN ARE CONSIDERED MAINTAINED.
- REFER TO LUMINAIRE SCHEDULE FOR ALL LUMINAIRE AND POLE INFORMATION.
- CONTRIBUTIONS FROM ADJACENT STREET LIGHTING, ADJACENT PROPERTIES AND BUILDING OR POLE MOUNTED LUMINAIRES, NOT WITHIN THIS PROJECT, ARE NOT REFLECTED IN THE PHOTOMETRIC REPORT.
- THIS PHOTOMETRIC REPORT DOES NOT ACCOUNT FOR TOPOGRAPHY CHANGES UNLESS OTHERWISE INDICATED.
- ONLY SHIELDED EXTERIOR LIGHTING FIXTURES WILL BE USED EXCEPT AS REQUIRED FOR COMPLIANCE WITH THE ONTARIO BUILDING CODE AND/OR THE RECOMMENDATIONS OF THE ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) LIGHTING HANDBOOK FOR USES AND/OR ACTIVITIES.

NOTES:

- THE "P1" & "P2" POLES ARE 9 METRES AND GREY IN COLOUR COMPLETE WITH MOUNTING ARMS.
- THE "W1", "W2", "W3" AND "W4" WALL PAKS ARE MOUNTED AT 9 METRES TO CENTRE OF FIXTURE. COLOUR TO BE WHITE.

PHOTOMETRIC SITE PLAN
SCALE 1:800



Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Description	ILL	
●-□	7	P1	Single	VLL-PLED-IV-80LED-1050mA-NW-HS	0.900	23756
●-□	7	W1	Single	RZR-WM3-PLED-IV-60LED-1050mA-NW	0.900	23541
●-□	3	W2	Single	RZR-WM3-PLED-II-60LED-700mA-NW	0.900	17552
●-□	4	W3	Single	RZR-WM3-PLED-III-M-60LED-1050mA-NW	0.900	23721
●-□	2	P2	Single	VLL-PLED-IV-40LED-350mA-NW	0.900	6677
●-□	6	W4	Single	VLL-PLED-IV-FT-80LED-1050mA-NW complete with wall mount brackets	0.900	28595

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	
Barrier Free Parking - East	Illuminance	Fc	2.82	4.1	2.1	1.34
Barrier Free Parking - North	Illuminance	Fc	2.11	2.8	1.6	1.32
Driveway	Illuminance	Fc	1.46	5.2	0.0	N.A.
Landscape Area	Illuminance	Fc	0.20	3.5	0.0	N.A.
North Parking	Illuminance	Fc	1.67	4.5	0.5	3.34
South Parking	Illuminance	Fc	2.58	4.1	1.1	2.35
Spill Light	Illuminance	Fc	0.02	0.5	0.0	N.A.
Walkway	Illuminance	Fc	2.27	4.9	0.5	4.54

WARE MALCOMB
Leading Design for Commercial Real Estate

architecture
planning
interiors
graphics
civil engineering



180 base pro mills drive, unit 103
vaughan, ontario, L4K 5W9
p 905.760.1221
f 905.248.3344
a business name of WMA Inc.

12304
HEART LAKE ROAD
CALEDON, ONTARIO
(SPA XXXX-XXXX)

PHOTOMETRICS SITE PLAN	
DATE	2022-03-30
REVISIONS	ISSUED FOR SPA

PA / PM:	M.P.
DRAWN BY:	M.P.
JOB NO.:	21-354

SHEET
ES1

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY AND COPYRIGHT OF WARE MALCOMB AND SHALL NOT BE USED ON ANY OTHER WORK EXCEPT BY AGREEMENT WITH WARE MALCOMB. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SHOWN DIMENSIONS AND SHALL BE VERIFIED ON THE JOB SITE. ANY DISCREPANCY SHALL BE BROUGHT TO THE NOTICE OF WARE MALCOMB PRIOR TO THE COMMENCEMENT OF ANY WORK.