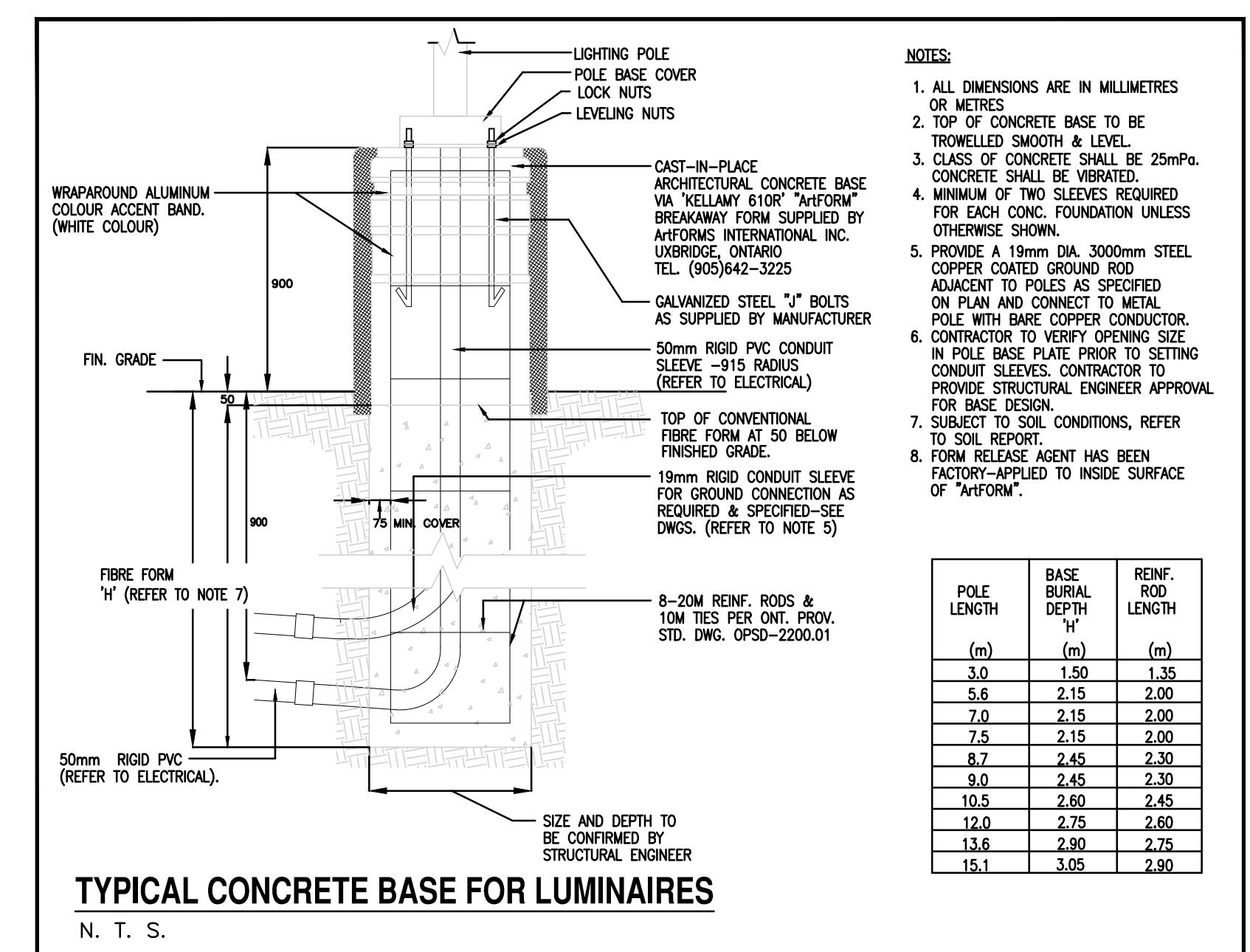
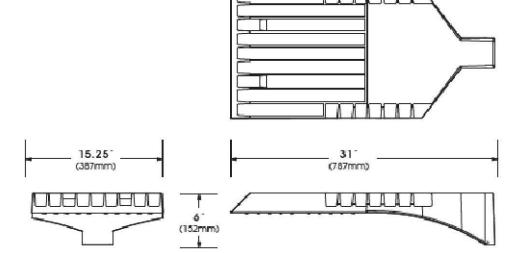
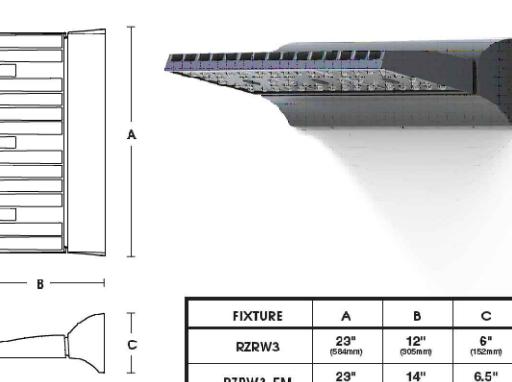


PHOTOMETRIC SITE PLAN  
SCALE 1:800



#### 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 FACTORS.
- 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 INTO 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.
- THE 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 PANS ARE MOUNTED at 9 metres to centre of fixture. Colour to be WHITE.

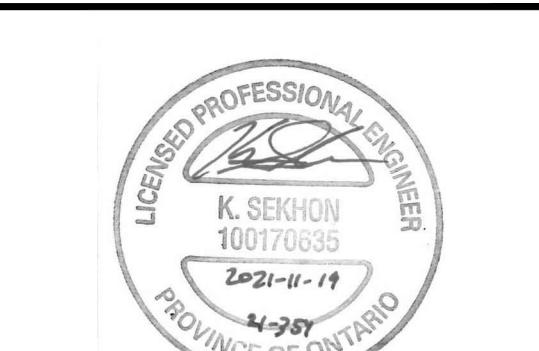
Symbol	Qty	Label	Arrangement	Description	LLF	Luminaire Lumen	Luminaire Ratio
■□	9	P1	Single	VLL-PLED-TV-FT-80LED-1050mA-NW-HS	0.900	29451	256
○□	9	W1	Single	RZR-WMG-PLED-TV-60LED-1050mA-NW	0.900	23541	192
○□	7	W2	Single	RZR-WMG-PLED-TI-60LED-700mA-NW	0.900	17552	130
○□	1	W3	Single	RZR-WMG-PLED-TI-40LED-1050mA-NW	0.900	23721	192
●□	2	P2	Single	VLL-PLED-TV-40LED-1050mA-NW	0.900	16151	128
○□	9	W4	Single	VLL-PLED-TV-FT-80LED-1050mA-NW	0.900	26595	256

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Barrier Free Parking - North	Illuminance	fc	2.09	2.7	1.2	1.74	2.25
Barrier Free Parking - West	Illuminance	fc	2.28	2.4	1.09	1.14	
Driveaway	Illuminance	fc	1.54	3.3	0.2	7.70	16.50
North Landscape	Illuminance	fc	0.20	0.2	N.A.	N.A.	
South Landscape	Illuminance	fc	1.45	2.7	0.6	2.42	4.50
North Parking	Illuminance	fc	0.04	0.1	0.0	N.A.	N.A.
South Parking	Illuminance	fc	2.07	2.8	0.7	2.06	4.00
Spill Light	Illuminance	fc	0.07	1.3	0.0	N.A.	N.A.
Walkway	Illuminance	fc	2.08	3.6	0.0	N.A.	N.A.

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(SPA XXXX-XXXX)

PHOTOMETRICS SITE PLAN

DATE: 2021-11-19  
ISSUED FOR SPA

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

SHEET  
ES1