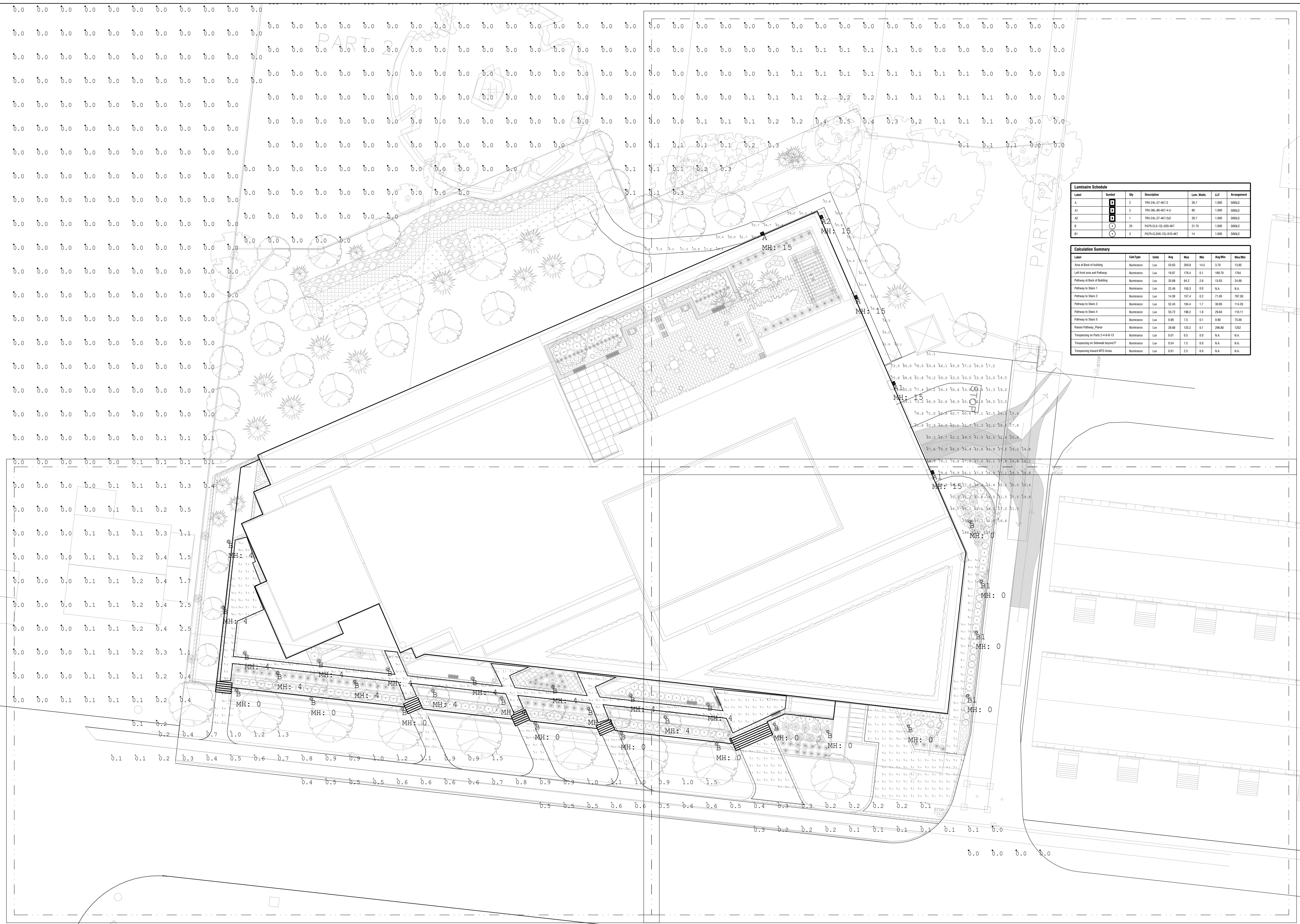


<p>2 2022-10-07 RE-ISSUED FOR SITE PLAN APPROVAL</p> <p>1 2019-04-02 ISSUED FOR SITE PLAN APPROVAL</p>	
<p>CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS ON THE JOB.</p>	
<p><b>genuine</b> engineering co. mechanical+electrical Genuine Engineering Co. info@genuineengineeringco.com</p>	
<p><b>THE GEORGIAN</b> 290-302 GEORGIAN DRIVE, BARRIE</p>	
<p>SCALE 1:200</p>	<p>DATE 2022-10-07</p>
<p>SHEET NAME <b>SITE PLAN ELECTRICAL</b></p>	
<p>PROJECT NO. 18-107</p>	<p>SHEET NO. E1.01</p>



**KEYPLAN**



Label	Symbol	Qty	Description	Lum. Watts	LLF	Arrangement
A	□	2	TRV-24L-37-4K7-2	26.7	1.000	SINGLE
A1	□	2	TRV-36L-40-4K7-4-U	80	1.000	SINGLE
A2	□	1	TRV-24L-37-4K7-2K2	26.7	1.000	SINGLE
B	○	25	PATR-015-10-000-4K7	21.75	1.000	SINGLE
B1	○	3	PATR-015-10-010-4K7	14	1.000	SINGLE

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Area of Back of building	Illuminance	Lux	53.63	200.8	14.5	3.70	13.65
Left front area and Pathway	Illuminance	Lux	19.97	176.4	0.1	199.70	1764
Pathway at Back of Building	Illuminance	Lux	33.68	64.2	2.6	13.03	24.69
Pathway to Stairs 1	Illuminance	Lux	22.40	150.3	0.0	N.A.	N.A.
Pathway to Stairs 2	Illuminance	Lux	14.30	157.4	0.2	71.95	787.90
Pathway to Stairs 3	Illuminance	Lux	52.45	194.4	1.7	30.85	114.35
Pathway to Stairs 4	Illuminance	Lux	53.72	196.2	1.8	29.84	110.11
Pathway to Stairs 5	Illuminance	Lux	0.99	7.5	0.1	9.90	75.00
Raised Pathway_Planar	Illuminance	Lux	29.68	125.2	0.1	296.80	1252
Trespassing on Parts 2-4-B-13	Illuminance	Lux	0.01	0.5	0.0	N.A.	N.A.
Trespassing on Sidewalk beyond P	Illuminance	Lux	0.54	1.5	0.0	N.A.	N.A.
Trespassing toward MTD Areas	Illuminance	Lux	0.01	2.5	0.0	N.A.	N.A.

2	2022-10-07	RE-ISSUED FOR SITE PLAN APPROVAL
1	2019-04-02	ISSUED FOR SITE PLAN APPROVAL

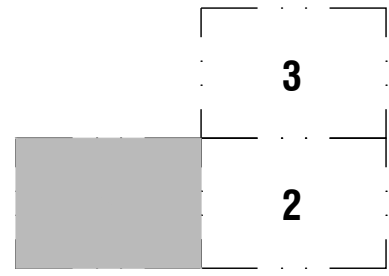
CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS ON THE JOB.

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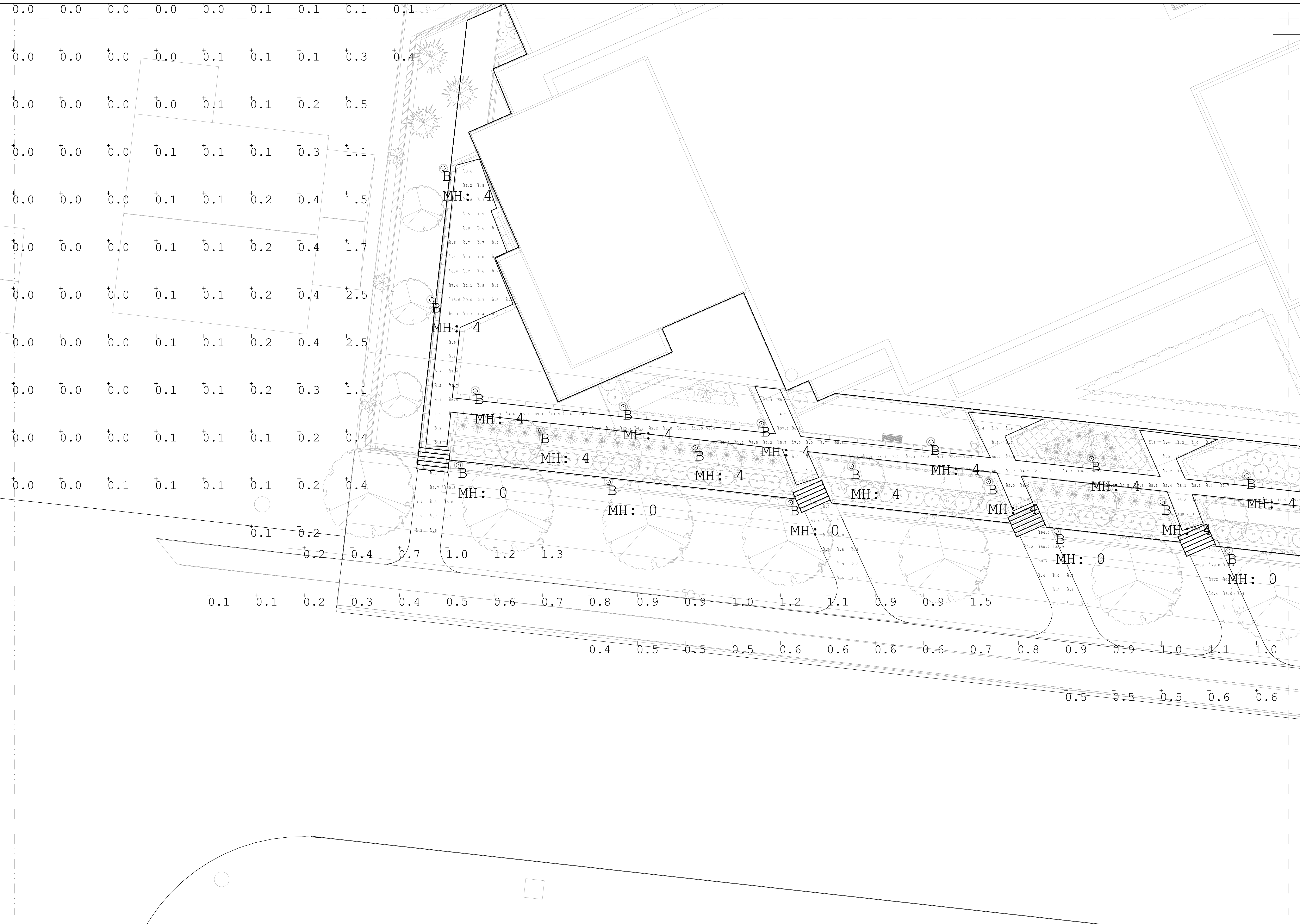
Genuine Engineering Co.  
info@genuineengineeringco.com

**THE GEORGIAN**  
290-302 GEORGIAN DRIVE, BARRIE

SCALE 1/200	DATE 2022-10-07
SHEET NAME <b>SITE LIGHTING PHOTOMETRY PLAN OVERALL PLAN</b>	
PROJECT NO. 18-107	SHEET NO. E1.02

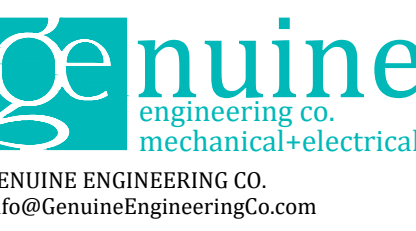


KEYPLAN



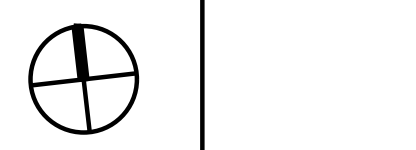
2	2022-10-07	RE-ISSUED FOR SITE PLAN APPROVAL
1	2019-04-02	ISSUED FOR SITE PLAN APPROVAL

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS ON THE JOB.



**THE GEORGIAN**

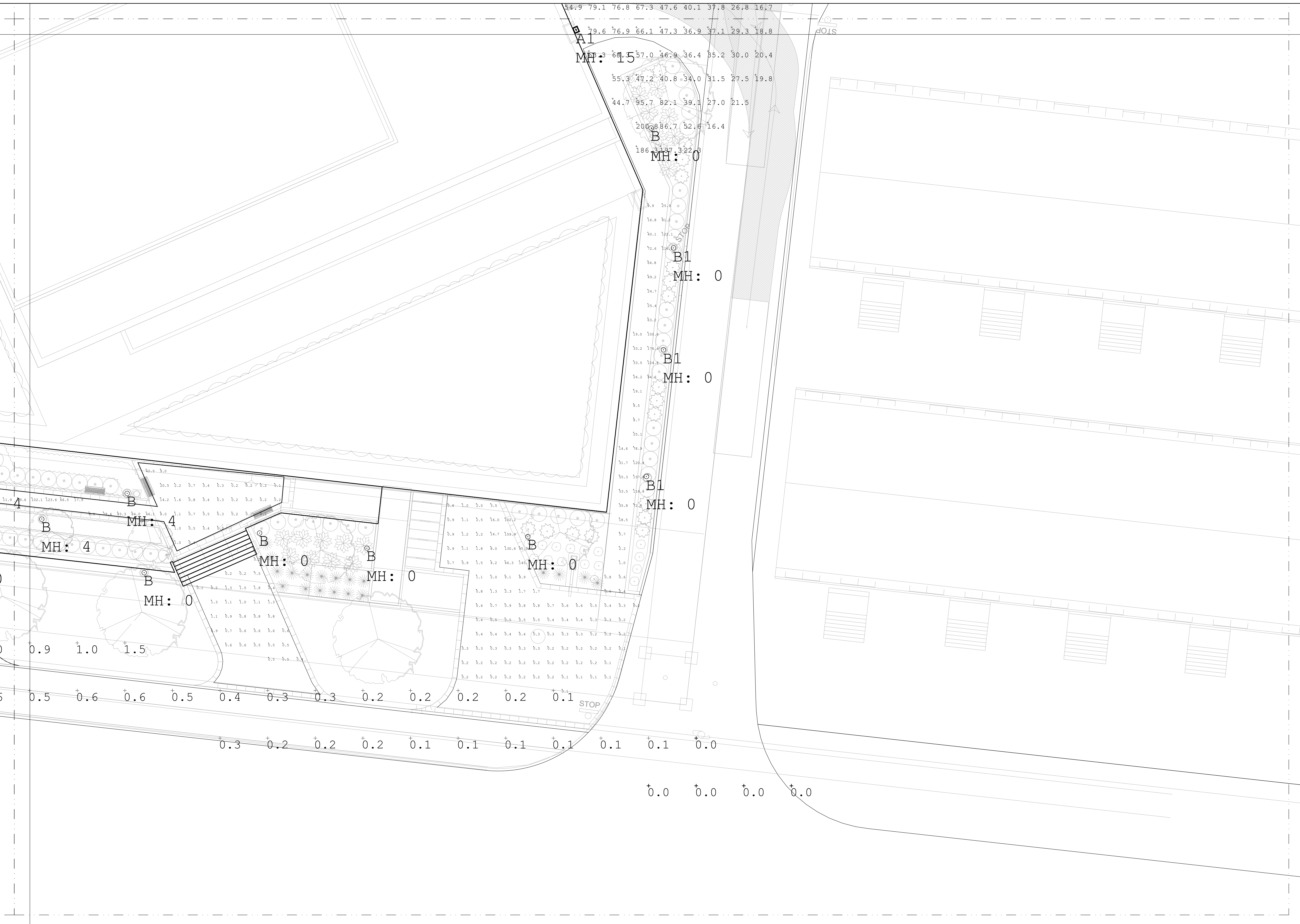
290-302 GEORGIAN DRIVE, BARRIE



SCALE	DATE
1/100	2022-10-07

SHEET NAME  
**SITE LIGHTING  
PHOTOMETRY PLAN  
PART "1"**

PROJECT NO.	SHEET NO.
18-107	E1.03



2	2022-10-07	RE-ISSUED FOR SITE PLAN APPROVAL
1	2019-04-02	ISSUED FOR SITE PLAN APPROVAL

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS ON THE JOB.

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290-302 GEORGIAN DRIVE, BARRIE

SCALE 1/100	DATE 2022-10-07
SHEET NAME <b>SITE LIGHTING PHOTOMETRY PLAN PART "2"</b>	
PROJECT NO. 18-107	SHEET NO. E1.04



Luminaire Schedule						
Label	Symbol	Qty	Description	Lum. Watts	LLF	Arrangement
A	☐➔	2	TRV-24L-27-4K7-2	26.7	1.000	SINGLE
A1	☐➔	2	TRV-36L-80-4K7-4-U	80	1.000	SINGLE
A2	☐➔	1	TRV-24L-27-4K7-2x2	26.7	1.000	SINGLE
B	⊕	25	PA7R-CL5-12L-020-4K7	21.75	1.000	SINGLE
B1	⊕	3	PA7R-CL3HS-12L-010-4K7	14	1.000	SINGLE

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Area at Back of building	Illuminance	Lux	53.63	200.8	14.5	3.70	13.85
Left front area and Pathway	Illuminance	Lux	19.97	176.4	0.1	199.70	1764
Pathway at Back of Building	Illuminance	Lux	33.88	64.2	2.6	13.03	24.69
Pathway to Stairs 1	Illuminance	Lux	22.49	150.3	0.0	N.A.	N.A.
Pathway to Stairs 2	Illuminance	Lux	14.39	157.4	0.2	71.95	787.00
Pathway to Stairs 3	Illuminance	Lux	52.45	194.4	1.7	30.85	114.35
Pathway to Stairs 4	Illuminance	Lux	53.72	198.2	1.8	29.84	110.11
Pathway to Stairs 5	Illuminance	Lux	0.99	7.5	0.1	9.90	75.00
Raised Pathway_Planar	Illuminance	Lux	29.68	125.2	0.1	296.80	1252
Trespassing on Parts 2-4-6-8-13	Illuminance	Lux	0.01	0.5	0.0	N.A.	N.A.
Trespassing on Sidewalk beyond P	Illuminance	Lux	0.54	1.5	0.0	N.A.	N.A.
Trespassing toward MTO Areas	Illuminance	Lux	0.01	2.5	0.0	N.A.	N.A.

2	2022-10-07	RE-ISSUED FOR SITE PLAN APPROVAL
1	2019-04-02	ISSUED FOR SITE PLAN APPROVAL

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS ON THE JOB.

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290-302 GEORGIAN DRIVE, BARRIE

⊕	
SCALE 1/100	DATE 2022-10-07
SHEET NAME <b>SITE LIGHTING PHOTOMETRY PLAN PART "3"</b>	
PROJECT NO. <b>18-107</b>	SHEET NO. <b>E1.05</b>