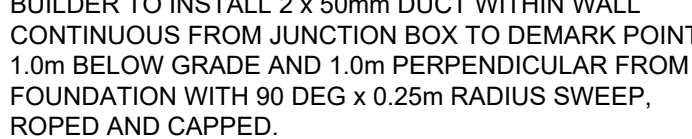
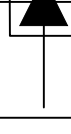
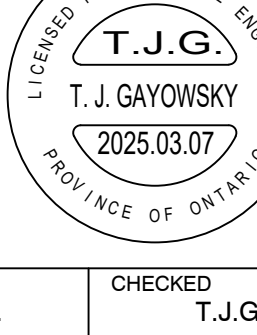


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KEY PLAN		N.T.S.		
STREETLIGHT				
STREETLIGHT POLE: STRESSCRETE 7.6m (25) SQUARE CONCRETE POLE, BLACK, ECLIPSE, CAT. E250-BPT-G-S11 S/F120 LUMINAIRE: GE EACL 55W, 3000K LUMINAIRE, BLACK C/W INDIVIDUAL PHOTO-CONTROL CAT. EACL01-D-C3-AW-7-30-N-D-D1-BLCK				
GE EWAS 21W LED WALL PACK TO MATCH IES FILE EWAS01_A3AW730.IES CAT: EWAS_01_0_A3_AW_7_30_N_A_FM_BLK, C/W PHOTOCONTROL, MOUNTED @ 3.0m ABOVE GRADE WHERE SHOWN.				
KING 3BW LED KLCM BOLLARD DIRECT BURIED, POLISHED, INSTALLED IN 50mm PVC TYPE 2 DIRECT BURIED DUCT PER CF 287P IES SOLID STATE LIGHTING TYPE V CW ELECTRONIC BALLAST AND BUTTON PHOTOCONTROL				
STREETLIGHT CABLE: 2#6RWU C/W 1-6# RWU GND. CABLE INSTALLED IN 50mm PVC TYPE 2 DIRECT BURIED DUCT IN COMPLETE ACCORDANCE WITH E.S.A. STANDARDS & SPECIFICATIONS.				
GROUND ROD TO BE INSTALLED PER E.S.A. STANDARDS AND SPECIFICATIONS.				
METERED PEDESTAL BY PEDESTAL SOLUTIONS INC. (P) CONCRETE BASE, 60AMP 120/240V MAIN PANEL C/W xxx (#) 40AMP BREAKER FOR 120V SUPPLY. PEDESTAL CAT# SLM421-F-40 UTILICON BASE CAT# UP2022				
HYDRO ONE TRANSFORMER.				
ROAD CROSSING: TYPE 2 P.V.C. DIRECT BURIED DUCT, 60x1 QUANTITY AND SIZE INDICATED.				
R3	REVISED PER CIVIL AND LANDSCAPE COORDINATION	T.J.G.	2025.03.07	
R2	REVISED PER LATEST CIVIL	T.J.G.	2025.02.14	
R1	REVISED PER LATEST CIVIL	T.J.G.	2024.04.03	
No.	REVISIONS TO DRAWING	BY	DATE	APPR.
CLIENT				
THE ACORN DEVELOPMENT CORPORATION				
MUNICIPALITY				
 Town of East Gwillimbury				
PROJECT TITLE				
18490 LESLIE STREET PRIVATE CONDO SITE Residential Subdivision				
SHEET TITLE				
PHOTOMETRIC PLAN				
 RTG Systems Inc. ELECTRICAL CONSULTING ENGINEERS 3518 Highway Dr., Suite 201 Burlington, ON L7M 1A5 E-MAIL: general@rtgsystems.com Office: (905) 335-4470 Toronto: (905) 827-7887				
				
DESIGNED T.J.G.		DRAWN T.J.G.		CHECKED T.J.G.
SCALE 1:500		DATE		2021.09.10
PROJECT NUMBER 05560-00				DWG. NUMBER PHOTO-1

Evolve® LED Wall Pack

A Series (EWAS)

Figure 1: Evolve LED Wall Pack (EWAS) - A Series

CONSTRUCTION

Finish:	Aluminum die cast extrusion.
Mounting:	Cast aluminum die cast for maximum heat transfer.
Lighting:	Optimized aluminum injection molded.
Options:	Color temperature 3000K, 4000K, 5000K, 5700K, 6000K, 6500K, 7000K, 8000K, 9000K.
Weight:	2.2 lbs (1.0 kg) (not including mounting hardware).
Package:	1 - 15 lbs (6.8 kg)

OPTICAL SYSTEM

Lumens:	1200 - 1700
Distribution:	Typical 80° x 120°
Beam Spread:	6.5° - 10.5°
Color:	6500, 5000K, 4000K
Life:	50,000 hrs

ELECTRICAL

Input Voltage:	120-277V, 3-Phase 4-Wire
Input Current:	0.12-0.18 A
Input Power:	25W - 47W at 120V
Power Factor:	0.95
Surge Protection:	275V - 300V arrest

SUB-PROCESSOR

Type	Material
Heat Sink	Aluminum

WARRANTY

Standard	5 Year Limited
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See www.ge.com/lighting for details.

1 - 5 Year (Limited)

Project Name	_____
Project Address	_____
Project City	_____
Project State	_____
Project Zip	_____

The Evolve® LED A Series Wall Pack (EWAS), Option II, is a LED A Series wall pack with lumens levels ranging from 1000 to 17,000 lumens, and is a designed replacement for 50W to 400W HID including an optional Emergency Battery Backup.

LUMEN MAINTENANCE

Project Name: _____			
Project Address: _____			
Project City: _____			
Project State: _____			
Project Zip: _____			
Initial Lumens	Year 1	Year 2	Year 3
1000	900	800	700
1500	1350	1200	1050
2000	1800	1600	1400
2500	2250	2000	1750
3000	2700	2400	2100
3500	3150	2800	2450
4000	3600	3200	2800
4500	4050	3600	3150
5000	4500	4000	3500
5500	4950	4400	3850
6000	5400	4800	4200
6500	5850	5200	4550
7000	6300	5600	4900
7500	6750	6000	5250
8000	7200	6400	5600
8500	7650	6800	5950
9000	8100	7200	6300
9500	8550	7600	6650
10000	9000	8000	7000
10500	9450	8400	7350
11000	9900	8800	7700
11500	10350	9200	8050
12000	10800	9600	8400
12500	11250	10000	8750
13000	11700	10400	9100
13500	12150	10800	9450
14000	12600	11200	9800
14500	13050	11600	10150
15000	13500	12000	10500
15500	13950	12400	10850
16000	14400	12800	11200
16500	14850	13200	11550
17000	15300	13600	11900

Notes: 1. Lumen maintenance is based on a 100,000 hour life expectancy.

2. Lumen maintenance is based on a 100,000 hour life expectancy.

3. Lumen maintenance is based on a 100,000 hour life expectancy.

4. Lumen maintenance is based on a 100,000 hour life expectancy.

5. Lumen maintenance is based on a 100,000 hour life expectancy.

6. Lumen maintenance is based on a 100,000 hour life expectancy.

7. Lumen maintenance is based on a 100,000 hour life expectancy.

8. Lumen maintenance is based on a 100,000 hour life expectancy.

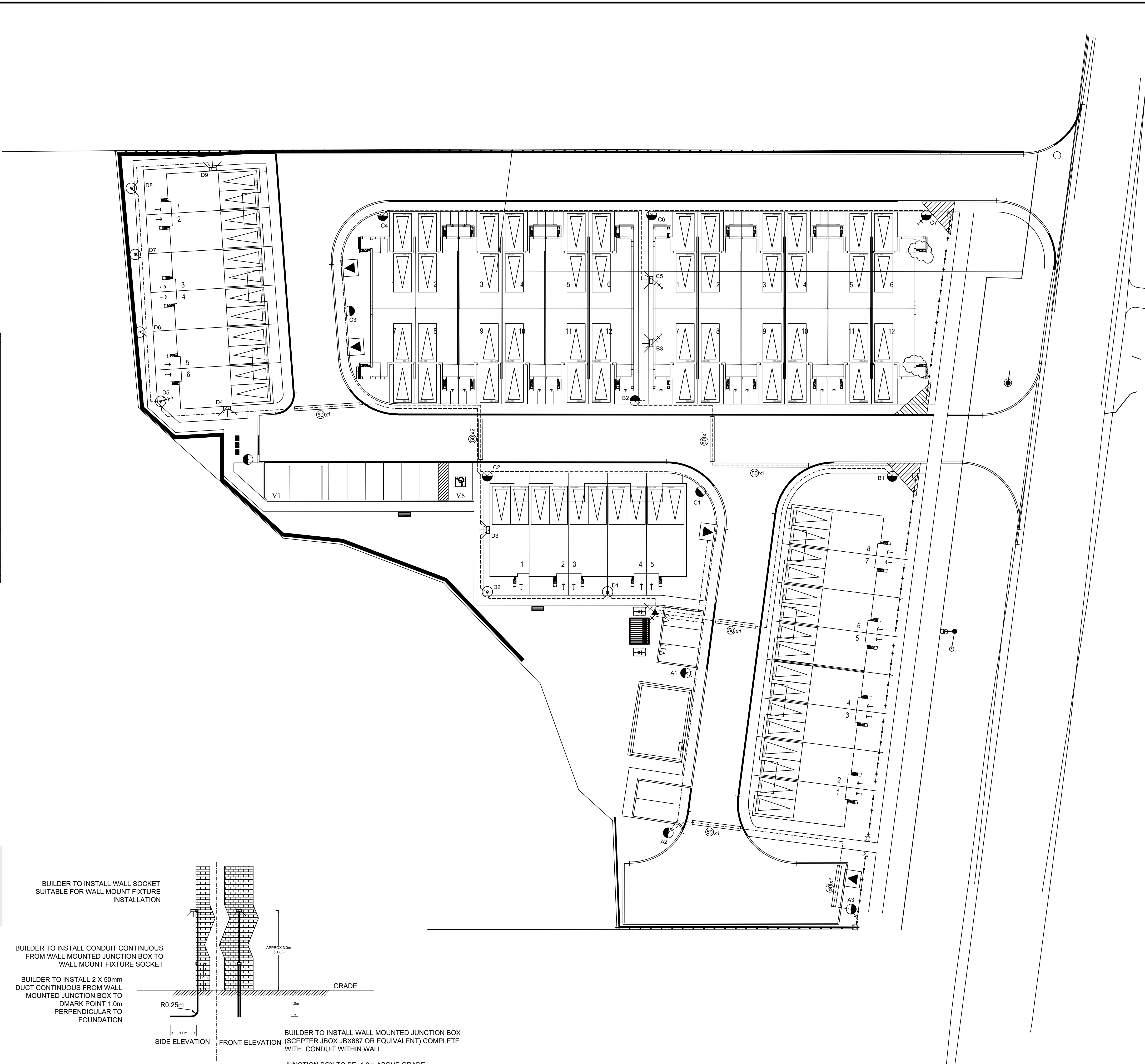
9. Lumen maintenance is based on a 100,000 hour life expectancy.

10. Lumen maintenance is based on a 100,000 hour life expectancy.

11. Lumen maintenance is based on a 100,000 hour life expectancy.

12. Lumen maintenance is based on a 100,000 hour life expectancy.

13. Lumen maintenance is based on a



KEY PLAN	N.T.S.
LEGEND	

- STREETLIGHT POLK: STREETSCAPE 7 dm (25) SQUARE
CONCRETE POLE, BLACK, ECLUSE: CAT: E250-BP-G-S11 S/F1/20
LUMINAIRE: GE EACL 55W, 3000K LUMINAIRE, BLACK
C/W INDIVIDUAL PHOTOCON. (P)
CAT: EACL 01-0-C3-WV-10-20-01-BLCK
GE E2V15 2W LED WALL PACK TO MATCH IES FILE
EWA501_A3A/W70:IES:CAT:
EWA501_0_A3_W_70_10_N_F.M, BLK PHOTOCONCAT,
MOUNTED @ 3.9m ABOVE GRADE WHERE SHOWN.
- KING 30W LED KLUM BOLLARD DIRECT BURIED, POLISHED
ECLUSE, KLCSO-240-40 (S/L) A4001-120/277-3K-11-B-PBC)
CAT: E2P27BP IES KLM STATE LIGHTING TYPE V CW
ELECTRONIC BALLAST AND BURNOUT PHOTOCONCAT.
- STREETLIGHT CALLE: 2-46RWUJ CW 1-46 RWUJ GD, CABLE
INSTALLED IN 50mm PVC TYPE 2 DIRECT BURIED DUCT IN
COMPLETE ACCORDANCE WITH E.S.A. STANDARDS &
SPECIFICATIONS.
- GROUND ROD TO BE INSTALLED PER E.S.A. STANDARDS
AND SPECIFICATIONS.
- METERED PEDESTAL BY PEDESTAL SOLUTIONS INC. C/W
CONCRETE BASE, 60MM Ø, 1000MM MAIN PANEL CW xxx (#)
40AMP BREAKER FOR 120V SUPPLY.
PEDESTAL CAT#: SLM421-8-40
UTILICON BASE CAT#: UP2022
- HYDRO ONE TRANSFORMER.
- ROAD CROSSING: TYPE 2 PVC DIRECT BURIED DUCT,
QUANTITY AND SIZE AS INDICATED.

R3	REVISED PER CIVIL AND LANDSCAPE COORDINATION	T.J.G.	2025.03.07	
R2	REVISED PER LATEST CIVIL	T.J.G.	2025.02.14	
R1	REVISED PER LATEST CIVIL	T.J.G.	2024.04.03	
No.	REVISIONS TO DRAWING	BY	DATE	APPRO

CLIENT

THE ACORN DEVELOPMENT CORPORATION

MUNICIPALITY



Town of
East Gwillimbury

PROJECT TITLE

**18490 LESLIE STREET
PRIVATE CONDO SITE
Residential Subdivision**

SHEET TITLE

SITELIGHTING PLAN

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 **RTG SYSTEMS INC.**
ELECTRICAL CONSULTING ENGINEERS

3518 Mainway Dr., Suite 201 Office: (905) 335-4470
BURLINGTON ON L7M 1A8 Toronto: (905) 827-7887
E-MAIL: general@rtgsystems.com



DESIGNED T.J.G.	DRAWN T.J.G.	CHECKED T.J.G.
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SCALE	1:500	DATE	2021.09.10
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PROJECT NUMBER	DWG. NUMBER
05500-00	01-1

05560-00	SL-1
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