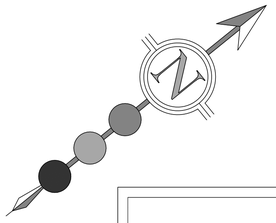
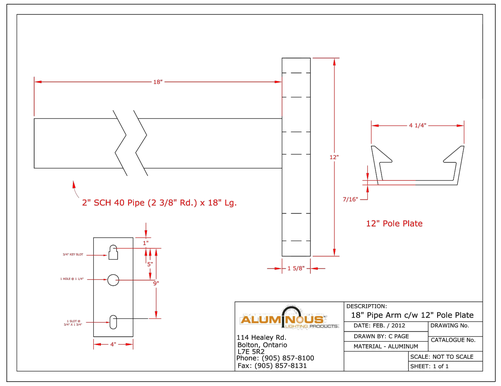
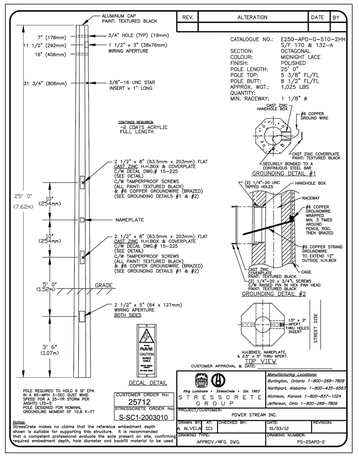
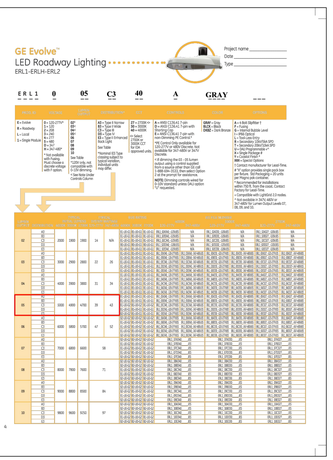
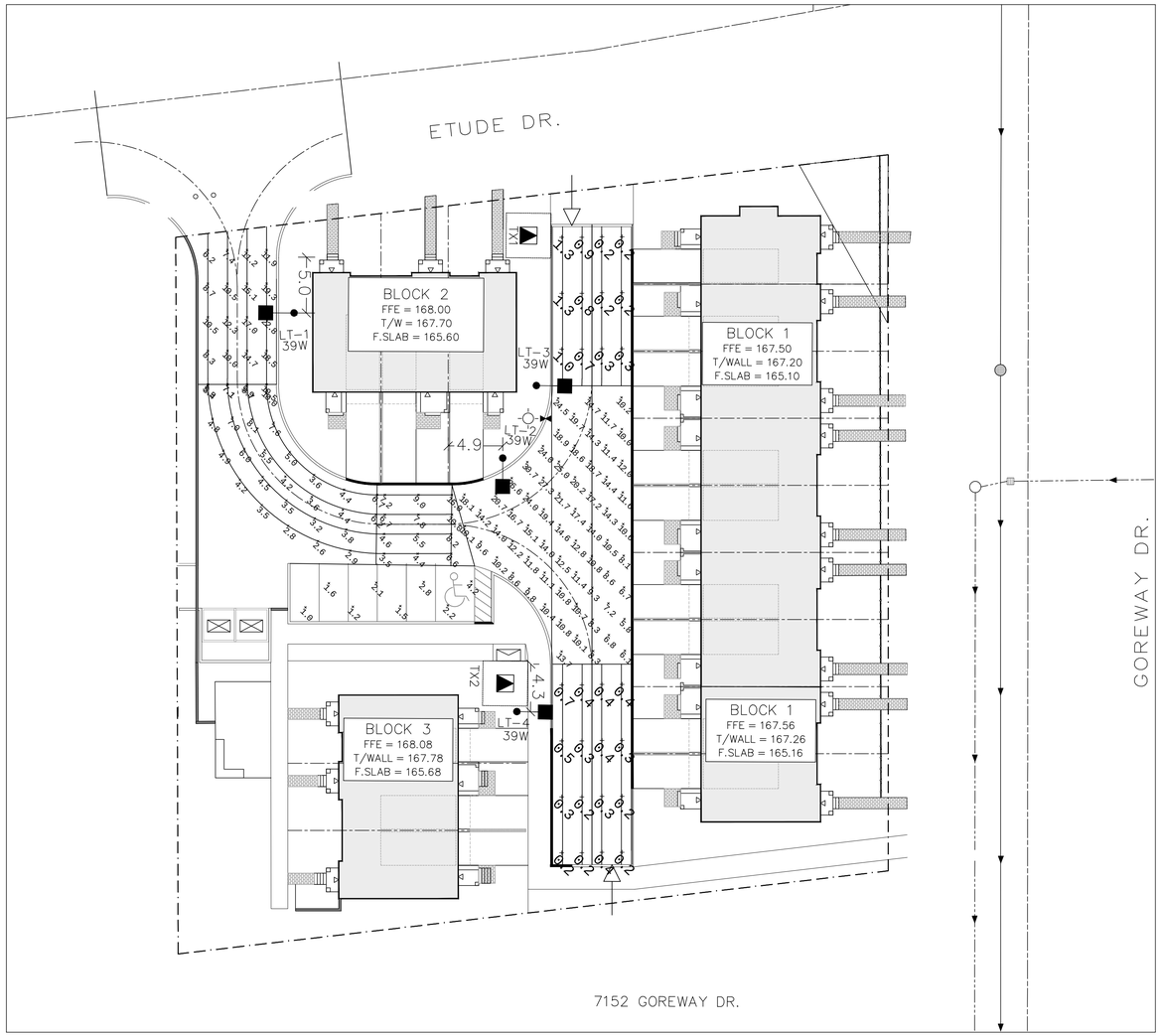
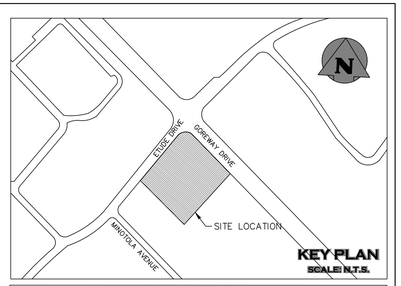












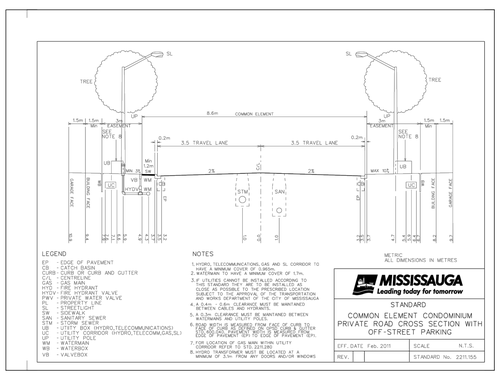
LEGEND:

- PROPERTY BOUNDARY
- PROPOSED TRANSFORMER
- LT-1 39W — PROPOSED COBRAHEAD STYLE 39W LUMINAIRE MOUNTED ON PROPOSED 7.6m TAPERED OCTAGONAL S/L POLE C/W LUMINAIRE: GE EVOLVE ERL1-0-05-C3-40-A-GRAY AND ERL1_05C340_-120-277V.IES PHOTOMETRIC FILE WITH A 0.83 LLF ARM: ALUMINUS ALP - PA18 (ARM LENGTH = 0.75m (BRACKET + LUMINAIRE DISPLACEMENT)) POLE: STRESSCRETE E250-APO-G-S10-2HH S/F 170 & 132-A (MOUNTING HEIGHTS =5.8m)
- +3.4 PHOTOMETRIC CALCULATION NODE
- CONSTRUCTION LINE

No.	ISSUE / REVISION	YYYY/MMM/DD
A	ISSUED FOR SPA – FIRST SUBMSSION	2021/MAY/19

NOTES:

1. CALCULATIONS HAVE BEEN MADE USING TAC GUIDELINES AND IESNA RECOMMENDED PRACTICES.



Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Bend South-East	Illuminance	Lux	4.41	N.A.	N.A.	1.70	N.A.
Bend West-North	Illuminance	Lux	6.08	N.A.	N.A.	1.69	N.A.
Intersection	Illuminance	Lux	14.06	N.A.	N.A.	2.42	N.A.
Parking	Illuminance	Lux	2.08	N.A.	N.A.	N.A.	N.A.
Road at Etude Dr NB	Illuminance	Lux	15.09	N.A.	N.A.	1.52	N.A.
Road at Etude Dr SB	Illuminance	Lux	8.65	N.A.	N.A.	1.57	N.A.
Road at Parking EB	Illuminance	Lux	5.47	N.A.	N.A.	1.56	N.A.
Road at Parking WB	Illuminance	Lux	9.28	N.A.	N.A.	1.39	N.A.
Road West of Block 1 NB_Luminance	Luminance	Cd/Sq.m	0.30	0.4	0.2	1.45	2.00
Road West of Block 1 NB_Veil_Lum	Veiling Luminance	Cd/Sq.m	N.A.	N.A.	N.A.	N.A.	0.00
Road West of Block 1 SB_Luminance	Luminance	Cd/Sq.m	0.63	1.3	0.2	3.15	6.50
Road West of Block 1 SB_Veil_Lum	Veiling Luminance	Cd/Sq.m	N.A.	N.A.	N.A.	N.A.	0.00

Region of Peel
Working for you

MISSISSAUGA

Project

7170 GOREWAY DRIVE
CITY OF MISSISSAUGA

Drawing

PHOTOMETRIC PLAN

Stamp

LICENSED PROFESSIONAL ENGINEER
D.C.ARKILANDER
1296250
MAY 19/2021
PROVINCE OF ONTARIO

MQ ENERGY INC.
40 VOGELL ROAD, SUITE 6
RICHMOND HILL, ON, L4B 3N6
TEL: (905)237-6091
FAX: (905)237-5019

Drawn	J.Y.	Design	M.R.	Project No.	20–6167
Check	M.R.	Check	D.A.	Scale 1:250	Dwg. SL–01

5 0m 5 10 15 20
SCALE: 1:250