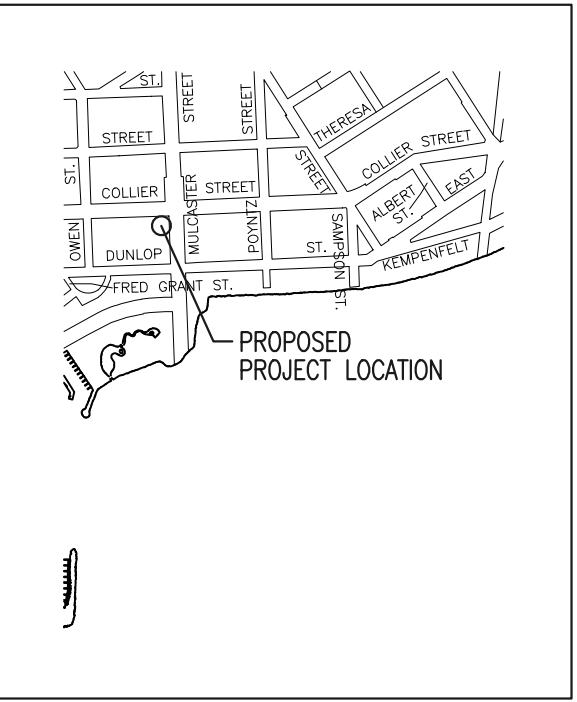
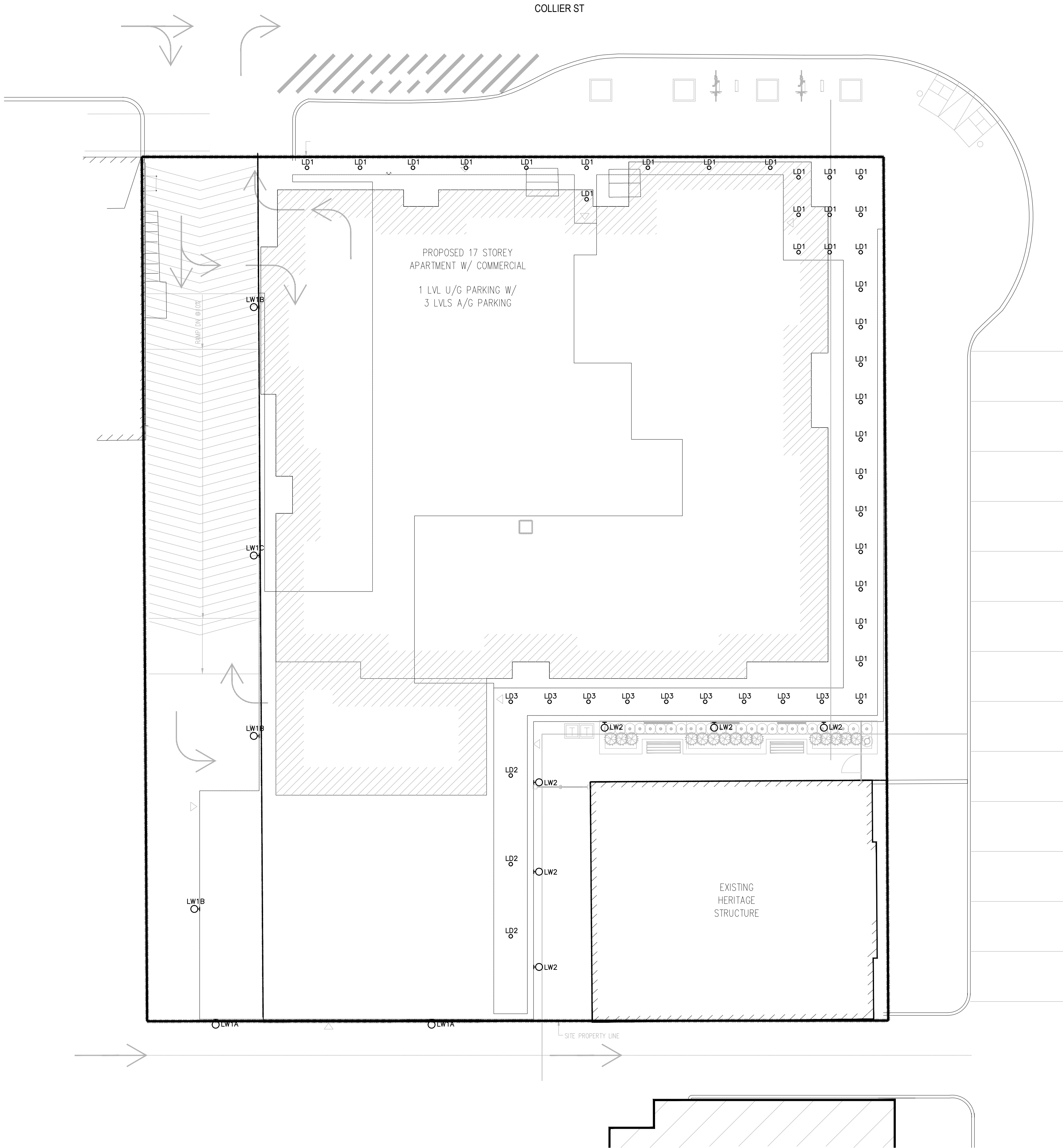
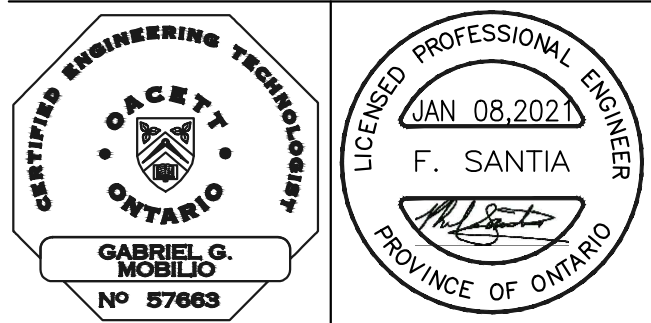


02	RE-ISSUED FOR SPA	01/08/2021
01	ISSUED FOR SPA	09/16/2020
No.	REVISION	DATE

REVISIONS

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Consulting Engineers Lighting - Electrical
586 CITYVIEW BLVD., SUITE 204/205
VAUGHAN, ONTARIO, CANADA L4H 3M7
Tel: (905) 417-8881 Fax: (905) 417-8882
www.e-lumen.ca

DRAWING NAME:
ELECTRICAL SITE PLAN

PROJECT NAME:
BAYSIDE APARTMENTS

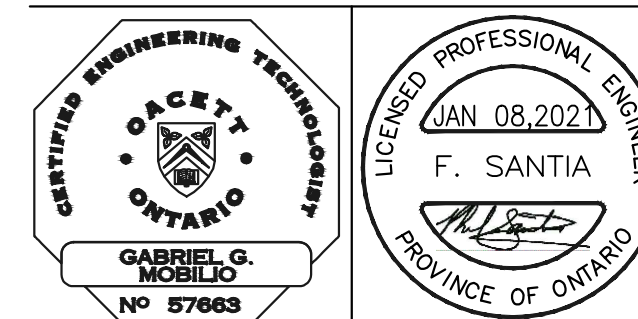
PROJECT ADDRESS:
79 COLLIER STREET,
BARRIE, ONTARIO

DATE:	JULY 15, 2020	JOB NO.		SHEET NO.	
DRAWN BY:	FC	20-079		E1.0	
SCALE:	1:125				



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DRAWING NAME:
ELECTRICAL SITE LIGHTING ANALYSIS

PROJECT NAME:
BAYSIDE APARTMENTS

PROJECT ADDRESS:
79 COLLIER STREET,
BARRIE, ONTARIO

DATE: JULY 15, 2020	JOB NO.	SHEET NO.
DRAWN BY: FC	20-079	E1.1
SCALE: 1:125		

LUMINAIRE SCHEDULE							
SYMBOL	LABEL	ARRANGEMENT	TOTAL LAMP LUMEN	LUMEN MULTIPLIER	LLF	MOUNTING HEIGHT	MANUFACTURER
○	LD1	SINGLE	256	1.0	1.0	3600mm	ACULUX: CAT# INIT3D-04LM-30K-80CRI-18D C/W NT3DPIN BD - WET LOCATION
○	LD2	SINGLE	271	1.0	1.0	3600mm	ACULUX: CAT# INIT3D-08LM-30K-80CRI-50D C/W NT3DPIN BD - WET LOCATION
○	LD3	SINGLE	304	1.0	1.0	3600mm	ACULUX: CAT# INIT3D-04LM-30K-80CRI-25D C/W NT3DPIN BD - WET LOCATION
⊙	LW1A	SINGLE	1163	1.0	1.0	3500mm	LITHONIA LIGHTING: CAT# WDGE1 LED-P1-30K-80CRI-VW
⊙	LW1B	SINGLE	1163	1.0	1.0	2800mm	LITHONIA LIGHTING: CAT# WDGE1 LED-P1-30K-80CRI-VW
⊙	LW1C	SINGLE	1163	1.0	1.0	2100mm	LITHONIA LIGHTING: CAT# WDGE1 LED-P1-30K-80CRI-VW
⊙	LW2	SINGLE	2619	0.25	1.0	2500mm	LUMINIS: CAT# SR135-L1W18rO-R2-W

CALCULATION SUMMARY							
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	AVG/MIN	MAX/MIN
EAST SIDE UNDER CANOPY	ILLUMINANCE	Fc	1.7	7.8	0.2	8.9:1	39.0:1
EAST SIDE SPILL	ILLUMINANCE	Fc	0.0	0.1	0.0	N/A	N/A
NORTH	ILLUMINANCE	Fc	1.9	13.9	0.0	N/A	N/A
NORTH SPILL	ILLUMINANCE	Fc	0.0	0.3	0.0	N/A	N/A
NW CORNER RAMP	ILLUMINANCE	Fc	0.7	7.2	0.0	N/A	N/A
NW CORNER RAMP SPILL	ILLUMINANCE	Fc	0.0	0.1	0.0	N/A	N/A
SE CORNER	ILLUMINANCE	Fc	1.9	2.5	0.8	2.4:1	3.1:1
SE CORNER SPILL	ILLUMINANCE	Fc	0.0	0.3	0.0	N/A	N/A
SE CORNER UNDER CANOPY	ILLUMINANCE	Fc	4.6	15.8	0.0	N/A	N/A
SOUTH	ILLUMINANCE	Fc	1.9	3.0	0.9	2.1:1	3.3:1
SOUTH SPILL	ILLUMINANCE	Fc	1.3	5.7	0.0	N/A	N/A
SW CORNER	ILLUMINANCE	Fc	1.2	2.2	0.3	4.0:1	7.3:1
SW CORNER LIGHT SPILL	ILLUMINANCE	Fc	1.0	4.8	0.2	5.0:1	24.0:1
WEST MID SECTION	ILLUMINANCE	Fc	1.4	3.4	0.2	7.0:1	17.0:1
WEST MID SECTION LIGHT SPILL	ILLUMINANCE	Fc	0.1	0.4	0.0	N/A	N/A

TRANSFORMER FOUNDATION DETAIL – SECTION

SCALE: N.T.S.



RECESSED DOWNLIGHT – TYPE LD1/LD2/LD3

SCALE: N.T.S.



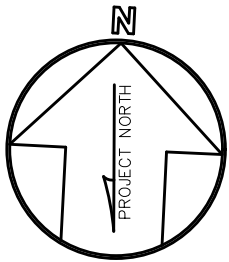
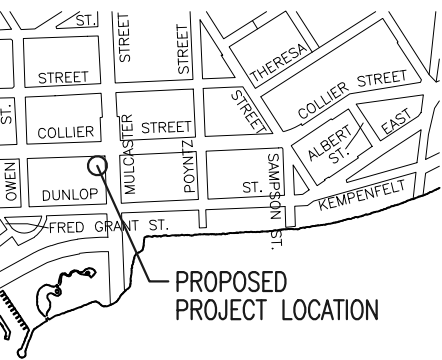
WALL MOUNTED – TYPE LW1A/LW1B/LW1C

SCALE: N.T.S.



WALL MOUNTED – TYPE LW2

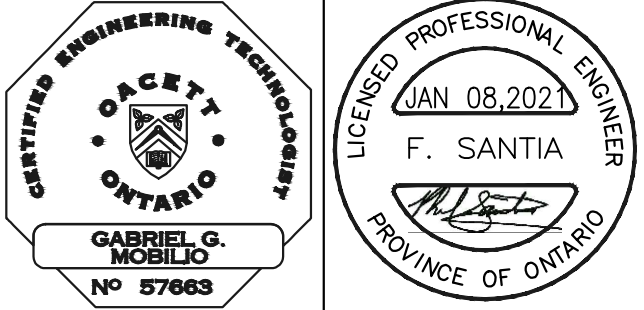
SCALE: N.T.S.



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