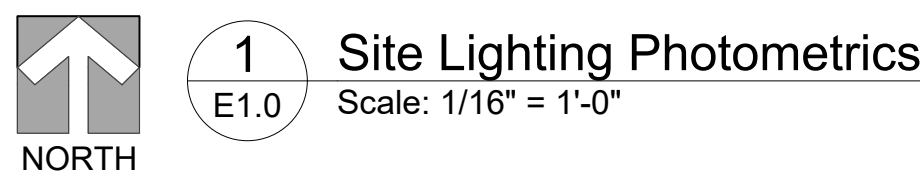


1. NO EXISTING LIGHTING FIXTURES PRESENT WITHIN THE PROPERTY LINE OF THIS DEVELOPMENT.



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DRAWN BY:	JSB
REVIEWED BY:	QASIM AKHTAR, E.I.T.
ENGINEER:	HAYDAR AL DAHHAN, P. ENG
PROJECT #:	2021101
SCALE:	AS NOTED

PROJECT

Residential Development

272 Innisfil Street Barrie, ON, L4N 3G1

DESCRIPTION

DRAWING NO.	SHEET
E1.0	1 / 3

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ARCHITECT

LIENT

REAL	PERMIT

DRAWN BY:	JSB
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ENGINEER:	HAYDAR AL DAHHAN, P. ENG
PROJECT #:	2021101
SCALE:	AS NOTED

PROJECT

Residential Development

272 Innisfil Street Barrie, ON, L4N 3G1

DESCRIPTION

Site Lighting Layout

DRAWING NO.	SHEET
E1.1	2 / 3



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No.	Description	Date
1	ISSUED FOR CPA	2023-01-20

[illegible]

ARCHITECT

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DRAWN BY:	JSB
REVIEWED BY:	QASIM AKHTAR, E.I.T.
ENGINEER:	HAYDAR AL DAHHAN, P. ENG
PROJECT #:	2021101
SCALE:	AS NOTED

PROJECT

Residential Development

272 Innisfil Street Barrie, ON, L4N 3G1

DESCRIPTION

Luminaire Schedule & Lighting Calculation

DRAWING NO.	SHEET
E1.2	3 / 3

	LUMINAIRES	DOWNLIGHT
	LAMP	LED, 3000K
	LUMENS	996
	BALLAST	LED DRIVER
	HOUSING	ALUMINUM
	LENS	-
	INPUT WATTAGE	14.4 W
	MOUNTING	CEILING - RECESSED, 19.5" AFF
	SPECIAL REQUIREMENTS	-
	ACCEPTABLE PRODUCTS	DALS LIGHTING - RGR4-3K (OR APPROVED EQUIVALENT)
	LUMINAIRE TYPE	100

	LUMINAIRES	EXTERIOR WALL LIGHT
	LAMP	LED, 3000K
	LUMENS	2749
	BALLAST	LED DRIVER
	HOUSING	EXTRUDED ALUMINUM DRIVER ENCLOSURE
	LENS	-
	INPUT WATTAGE	23.3 W
	MOUNTING	WALL - SURFACE, 9' AFF
	SPECIAL REQUIREMENTS	-
	ACCEPTABLE PRODUCTS	LITHONIA - WPX1-LED-P2-30-MVOLT (OR APPROVED EQUIVALENT)
	LUMINAIRE TYPE	101

	LUMINAIRES	EXTERIOR WALL LIGHT
	LAMP	LED, 3000K
	LUMENS	5719
	BALLAST	LED DRIVER
	HOUSING	EXTRUDED ALUMINUM DRIVER ENCLOSURE
	LENS	-
	INPUT WATTAGE	47.2 W
	MOUNTING	WALL - SURFACE, 10" AFF
	SPECIAL REQUIREMENTS	-
	ACCEPTABLE PRODUCTS	LITHONIA - WPX2-LED-30K-MVOLT (OR APPROVED EQUIVALENT)
	LUMINAIRE TYPE	102

	LUMINAIRES	DOWNLIGHT
	LAMP	LED, 3000K
	LUMENS	996
	BALLAST	LED DRIVER
	HOUSING	ALUMINUM
	LENS	-
	INPUT WATTAGE	14.4 W
	MOUNTING	CEILING - RECESSED, 10.5" AFF
	SPECIAL REQUIREMENTS	-
	ACCEPTABLE PRODUCTS	DALS LIGHTING - RGR4-3K (OR APPROVED EQUIVALENT)
	LUMINAIRE TYPE	103

1 Lighting Schedule

#	Name	Parameter	Min	Max	Average	Mean/Min	Max/Min
1	South Side Drive Way	Perpendicular Illuminance (Adaptive)	0.073 lx	158 lx	18.1 lx	248	2164
2	West Side Entrance	Perpendicular Illuminance (Adaptive)	0.19 lx	245 lx	31.7 lx	167	1289
3	North Side Stair Exit	Perpendicular Illuminance (Adaptive)	0.066 lx	279 lx	33.1 lx	502	4227
4	North Side Drive In	Perpendicular Illuminance (Adaptive)	1.79 lx	188 lx	45.0 lx	25.1	105
5	Transformer Room Entrance	Perpendicular Illuminance (Adaptive)	1.62 lx	87.5 lx	28.5 lx	17.6	54.0
6	North Side Entrance and Exits	Perpendicular Illuminance (Adaptive)	1.78 lx	341 lx	52.0 lx	29.2	192
7	Generator Room Entrance	Perpendicular Illuminance (Adaptive)	17.7 lx	87.4 lx	47.0 lx	2.66	4.94
8	West Parking Exit	Perpendicular Illuminance (Adaptive)	30.9 lx	87.5 lx	61.7 lx	2.00	2.83

2 Lighting Calculation

DRAWING NO.	SHEET
E1.2	3 / 3