



MUNICIPALITY REQUIREMENTS:

CONTRACTOR SHALL OBTAIN LATEST
COPY OF REQUIREMENTS FROM THE
MUNICIPALITY

MINIMUM FC = 1.0
MAX POLE HEIGHT = 30'
MAXIMUM SPILLAGE = 3.0 FC AT 5 FEET AGL
LUMINAIRE TYPE = FULL CUTOFF

NO SHADE TREE WITHIN 15 FEET OF LUMINAIRE

LIGHT LOSS FACTO = 0.9
MAX TO MIN RATIO = 12:1
LUMINAIRE TYPE = LED

THE BONSAI COMPANY
NEW PLANT ENTRANCE
SITE LIGHTING

Luminaire Schedule						Lum. Watts	LCF	Lum. Lumens
Symbol	Qty	Label	Description					
SA	13	1A	GARDGRC ECF-1-80L-1A-NN-02-4 / MTD AT 30° AF G	284	0.900	33607		
SB	1	1B	GARDGRC ECF-1-80L-1A-NN-02-5 / MTD AT 30° AF G	264	0.900	31645		
SC	1	1C	GARDGRC ECF-1-80L-900-NN-02-4 / MTD AT 30° AF G	224.8	0.900	28480		
SD	1	1D	GARDGRC ECF-1-96L-1A-NN-02-3 / MTD AT 30° AF G	316	0.900	40824		
SE	1	1E	GARDGRC (2) ECF-1-96L-1A-NN-02-5 / MTD AT 30° AF G	316	0.900	40824		
SF	1	1F	GARDGRC ECF-1-64L-1A-NN-02-2 / MTD AT 30° AF G	205.9	0.900	26563		
EXISTING	6	EXISTING	EXISTING 6" UP HIGHWAY 100W / MTD AT 14° AF G	100	0.900	18001		
WM1	1	WM1	GARDGRC CWM1A-1A-640-1-TAY / WALL MTD 180° PLAN	277	0.900	35677		
WM2	1	WM2	GARDGRC ECF-3-32L-1A-NN-02-4 / WALL MTD AT 14° AF G	105.6	0.900	14006		

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
COVERED AREA	Illuminance	Fc	9.31	15.2	2.3	4.05
SIDE ROAD	Illuminance	Fc	2.18	6.1	1.0	2.18
SITE AREA	Illuminance	Fc	3.41	9.9	1.0	3.41

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SEARCH

Brian Digitally
signed by
Brian Herbert
Date:
2024.10.09
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-04'00'

☐ BRIAN P. HERBERT FL AR0015474
PROJECT

DRC
BONSAI TURN
LANE
PZ23-12000-032
12/04/2020
1500 NW 18TH ST
POMERANO BEACH FL 33069

OWNER

OLDCASTLE APG

[illegible]

PROJECT STATUS

MINOR SITE PLAN SUBMITTAL

DATE _____

SEPT. 20, 2024

PROJECT NUMBER

PROJECT NUMBER

0100

2123

SCALE

AS SHOWN

QUESTIONS

JET

DRAWING TITLE

E LIGHTING

PHOTOMETRIC PL

DRAWING NUMBER

OVERALL

5 OVERALL