

DANIELS, NANETTE B
 PIN: 0764 62 9000
 REAL ESTATE ID: 0016674
 MAP NAME: 0764 19
 DB: 0 PG 0
 PRESENT USE: SINGLE FAMILY
 CURRENT ZONING: MXD

RTY OF
 HAM STREET LLC
 F 61 8925
 ID: 0049134
 MAP NAME: 0764 19
 DB: 0 PG 0
 PRESENT USE: OFC CROSS
 ZONING: MXD

- All exterior site lighting shall be designed to prevent off-site glare.
- Decorative pedestrian street lights are required on East Chatham Street. The specifications for the pedestrian lighting are as follows:
 50'-60" OC style: 950 lumens
 Mitchell Fixtures on Style V
 16' tall, black aluminum posts

Lighting Notes 04

CALCULATION SUMMARY										
AREA NAME	DIMENSIONS	GRID / TYPE	# PTS	SPAC	GROUP	AVE	MAX	MIN	MAX/MIN	AVE/MIN
Parking	671.00x565.00 FT	Parking Property Line	148 93	10.00 10.00	(<+> (<+>)	1.00 0.09	1.92 0.57	0.27 0.00	7.22 N/A	3.74 N/A

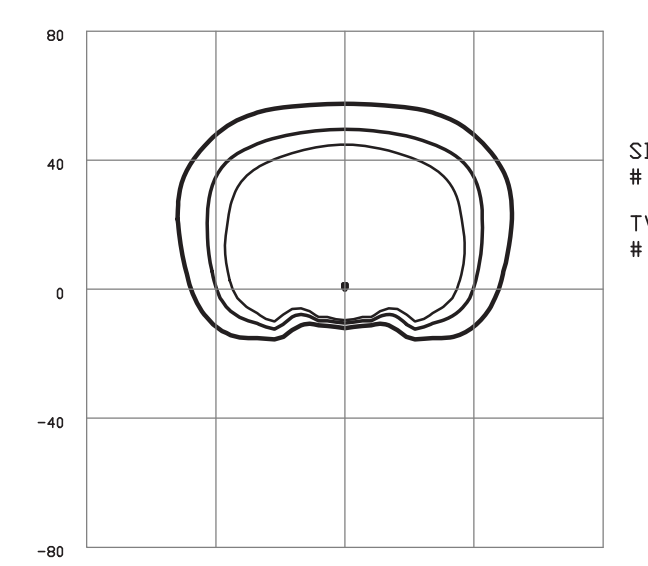
Chatham St. Proj LUMINAIRE SCHEDULE						
SYM	SYMBOL	DESCRIPTION	LAMP	LUMENS	MOUNTING/BALLAST	LLF QTY
ML1A	○	Holophane MCHLED CT 1/PST (1) "ML01" MCHLED_CT	(1) 5 LED 4K ARRAY	5675	16' MT HT SCREW IN	0.85 3
PSSA	⊕	GE LIGHTING PS LED50 1/PST (1) "PSS0" PS_LED50_1-2/PST	(1) LED 4000K	4313	16' MT HT Ped Shoebox	0.85 6

Lighting Calculations 02

ISOFOOTCANDLE CURVES

FIXTURE: PEDESTRIAN LED
 MOUNTING HEIGHT: 16 FT
 LIGHT SOURCE: 50W LED'S, 4000K (EANB)
 PATTERN: TYPE IV, BL-U0-G1(zero light at or above 90 degrees)

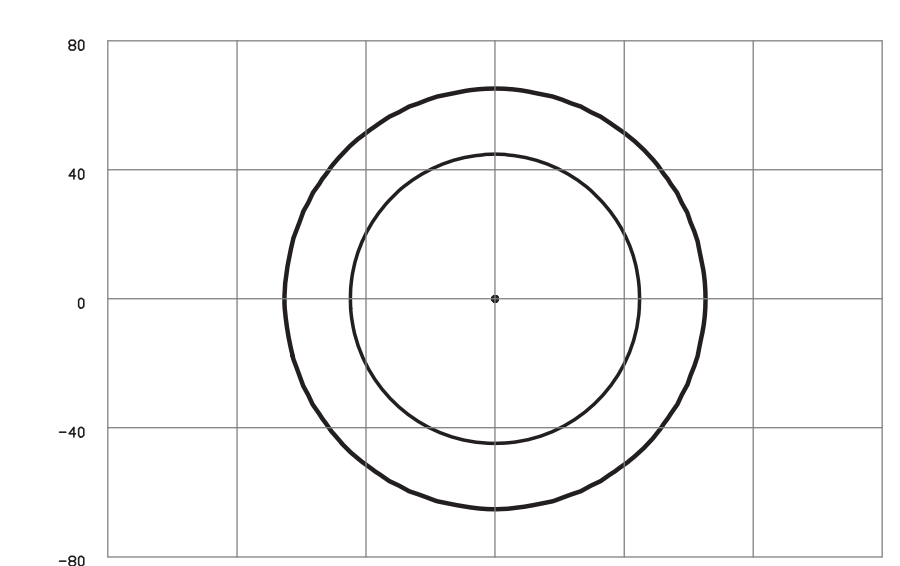
NOTE: THE FOOTCANDLE READINGS BELOW ARE MAINTAINED AND HAVE BEEN DEPRECIATED FOR LAMP LUMEN DEPRECIATION AND LUMINAIRE DIRT DEPRECIATION FOR INITIAL FOOTCANDLES. DIVIDE THE READINGS BELOW BY .85.



ISOFOOTCANDLE CURVES

FIXTURE: MITCHELL LED w/CLEAR TOP
 MOUNTING HEIGHT: 16 FT
 LIGHT SOURCE: 50W LED'S, 4000K
 PATTERN: TYPE V, B3-U4-G3

NOTE: THE FOOTCANDLE READINGS BELOW ARE MAINTAINED AND HAVE BEEN DEPRECIATED FOR LAMP LUMEN DEPRECIATION AND LUMINAIRE DIRT DEPRECIATION FOR INITIAL FOOTCANDLES. DIVIDE THE READINGS BELOW BY .85.



Fixture Isofootcandles 01

PROPERTY OF
 FRANCES H HOLLEMAN
 PIN: 0764 71 1981
 REAL ESTATE ID: 0032253
 MAP NAME: 0764 19
 DB: 0 PG 0
 BM 1947 PG 3
 PRESENT USE: TWO FAMILY
 CURRENT ZONING: MXD

UD 10942 PG 1930
 BM 2003 PG 323
 PRESENT USE: SINGLE FAMILY
 CURRENT ZONING: MDR

PROPERTY OF
 CHARLES R SMITH JR &
 TERESA R SMITH
 PIN: 0764 71 1695
 REAL ESTATE ID: 0049403
 MAP NAME: 0764 19
 DB: 7199 PG 317
 PRESENT USE: SINGLE FAMILY
 CURRENT ZONING: MDR

PROPERTY OF
 ROBERT J HOWELL &
 KU YON HOWELL
 PIN: 0764 61 9825
 REAL ESTATE ID: 0006349
 MAP NAME: 0764 19
 DB: 10832 PG 1753
 PRESENT USE: SINGLE FAMILY
 CURRENT ZONING: MXD

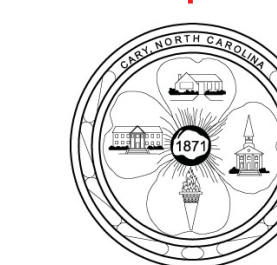
PROPERTY OF
 ROBERT L SMITH &
 CAROL M SMITH
 PIN: 0764 71 1570
 REAL ESTATE ID: 0064853
 MAP NAME: 0764 19

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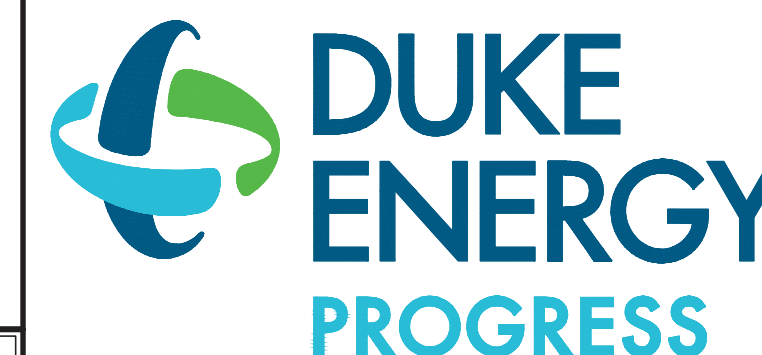
LIGHTING DESIGN TOLERANCE
 The calculated footcandle light levels in this lighting design are predicted values and are based on specific information that has been supplied to Duke Energy Progress. Any inaccuracies in the supplied information, differences in luminaire installation, lighted area geometry including elevation differences, reflective properties of surrounding surfaces, obstructions (foliage or otherwise) in the lighted area, or lighting from sources other than listed in this design may produce different results from the predicted values. Normal tolerances of voltage, lamp output, and ballast and luminaire manufacture will also affect results.

CHATHAM STREET
 CARY, NC
 SITE LIGHTING PLAN
 Designed by DEP LIGHTING SOLUTIONS
 Reviewed by N. Johnson Scale 1" = 20'
 Date 07/05/2017 Size "Arch D"
 Description LED PED. Shoebox & Mitchell Clear Top
 Drawing No. 17-0091B Sht. 1 OF 1

APPROVED by the Town of Cary
 Development Review Committee



17-DP-1253
 By: dlovelan
 01/09/2018



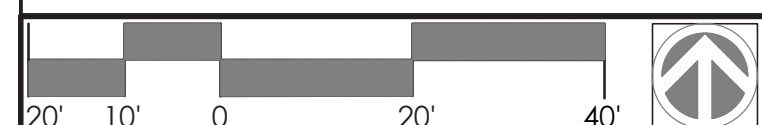
Chatham Street Commercial
 Chatham Walk
 318 East Chatham Street
 Cary, North Carolina

17-DP-1253

PROJECT: 016019	DATE: 05.11.2017
REVISIONS:	DATE
RESUBMITTAL	07.13.2017
RESUBMITTAL	09.14.2017
RESUBMITTAL	12.07.2017
RESUBMITTAL	12.21.2017

DRAWN BY: SP
 CHECKED BY: ML/EWB
 Lighting Plan

LT1.00



Lighting Plan 03
 Scale: 1" = 20'

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