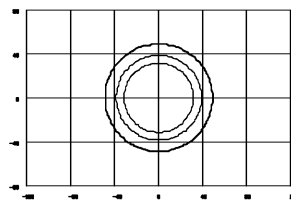


ISOFOOTCANDLE CURVES

FIGURED MITCHELL 4" TOP HAT/ROSE/SHADE/BALLAST
MOUNTING HEIGHT IS 30 FT
LAMP 100W, 100K LUMENS, METAL HALIDE
PATTERN TYPE V, SIDE-CUTOFF
ASSY # LF1X-MT01R-100-100-BLK-V-120V-...-P

NOTE: THE FOOTCANDLE READINGS BELOW ARE MAINTAINED AND HAVE BEEN DEPRECIATED FOR LAMP LUMEN DEPRECIATION AND LUMINAIRE SOOT DEPRECIATION FOR INITIAL FOOTCANDLES. DIVIDE THE READINGS BELOW BY 24.

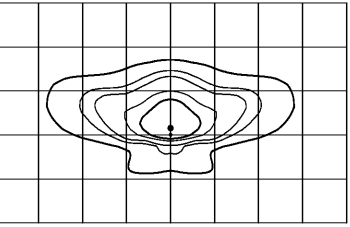


LEGEND OUTER to INNER: 0.000, 0.000, 0.000

ISOFOOTCANDLE CURVES

FIGURED LED 100W - ML
MOUNTING HEIGHT IS 24 FT
LIGHT SOURCE IS LED, 4000K, 70 CRI
PATTERN TYPE 10, 40-40-000000 Light at or above 90 degrees
ASSY # LF1X-100-LED-100-GRAY-10-MULTI-...-P

NOTE: THE FOOTCANDLE READINGS BELOW ARE MAINTAINED AND HAVE BEEN DEPRECIATED FOR LAMP LUMEN DEPRECIATION AND LUMINAIRE SOOT DEPRECIATION FOR INITIAL FOOTCANDLES. DIVIDE THE READINGS BELOW BY 24.



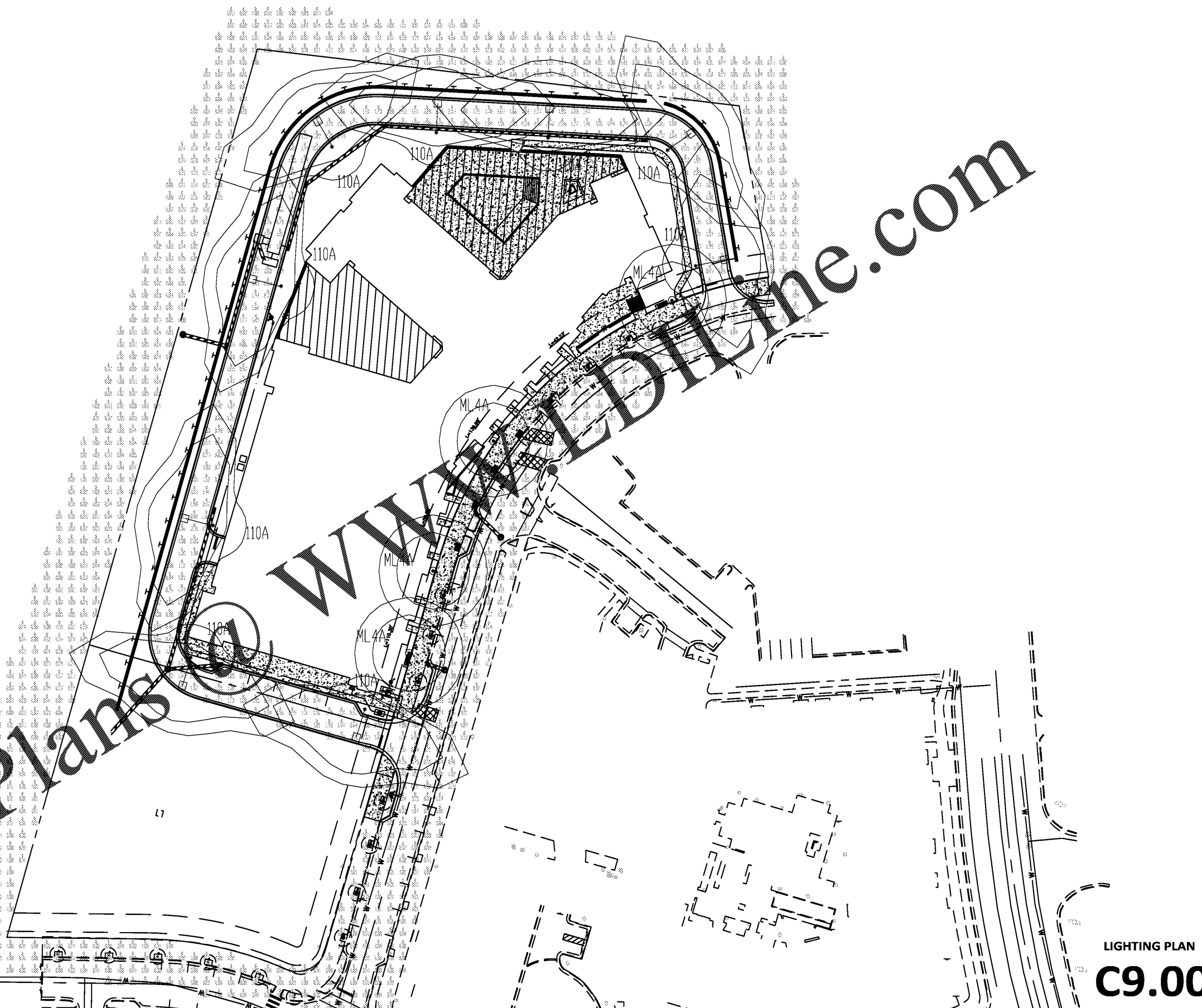
LEGEND OUTER to INNER: 0.000, 0.250, 0.350, 0.650, 1.00

CALCULATION SUMMARY									
AREA NAME	DIMENSIONS	GRID / TYPE	# PTS	SPAC	GROUP	AVG	MAX	MIN	MAX/MIN (AVG/MIN)
New Area	1494.3x410.94ft	Driveway Property Line	245 1128	10.00 10.00	(0) (0)	1.49 0.15	3.19 1.68	0.00 0.00	10.25 1665.8 152.11

Crabtree Apartments (09-0246) LUMINAIRE SCHEDULE						
TYP	SYMBOL	DESCRIPTION	LAMP	LUMENS	MOUNTING/BALLAST	LLF QTY
110A	⬢	American Electr RW110 1/POLE (1) ATB0 30BLE1E10 XXXXX R2 4K/5K	(1) 12415 Lumens	12415	30' HT HT Autobahn	0.92 9
ML4A	○	Holograph MCHLED THRBM AVI2EZ P30 40K AS 5 N 1B RBM FP08S	(1) LED 4000K	8775	12' HT HT 50W LED	0.92 4

Order Plans

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LIGHTING PLAN
C9.00

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.

Customer approval _____ Date _____



PROPRIETARY & CONFIDENTIAL
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CRABTREE APARTMENTS	
RALEIGH, NC	
SITE LIGHTING PLAN	
Designed by	DEP LIGHTING SOLUTIONS
Reviewed by	N. Johnson Scale 1" = 40'
Date	09/03/2019 Size Arch D
Description	LED 110w Roadway & Mitchel THRBM
Drawing No.	19-0246A Sht. 1 OF 1