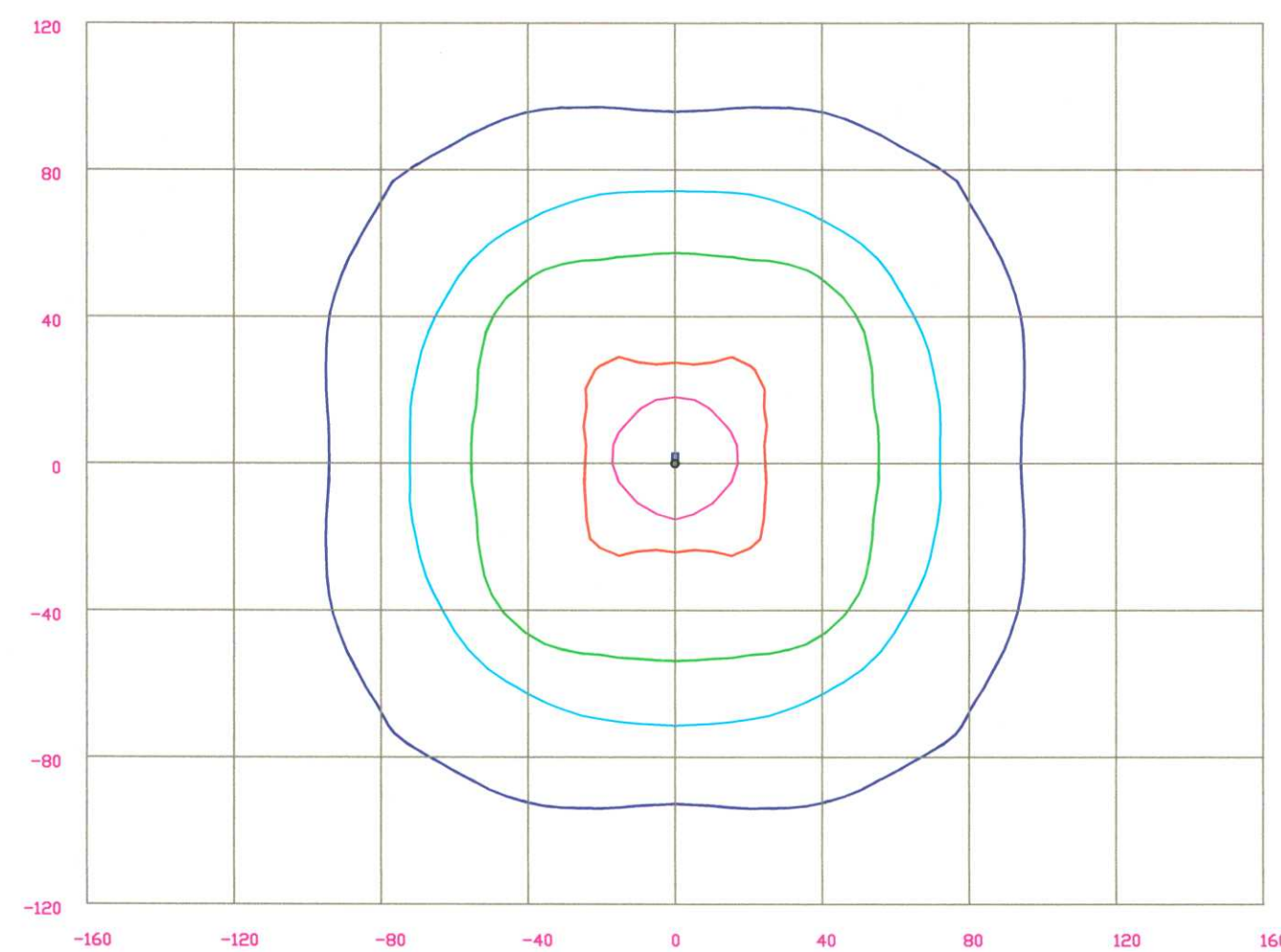


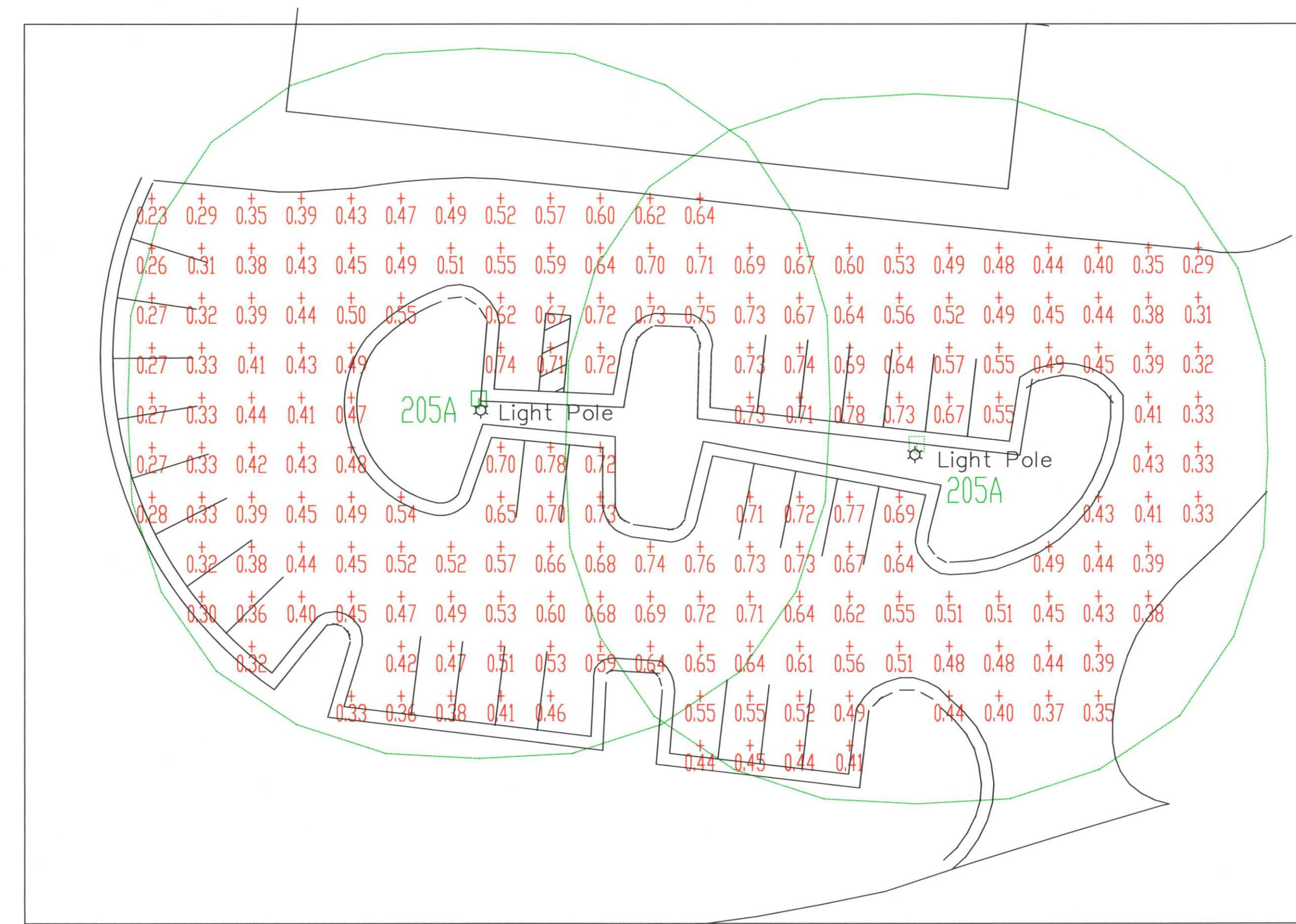
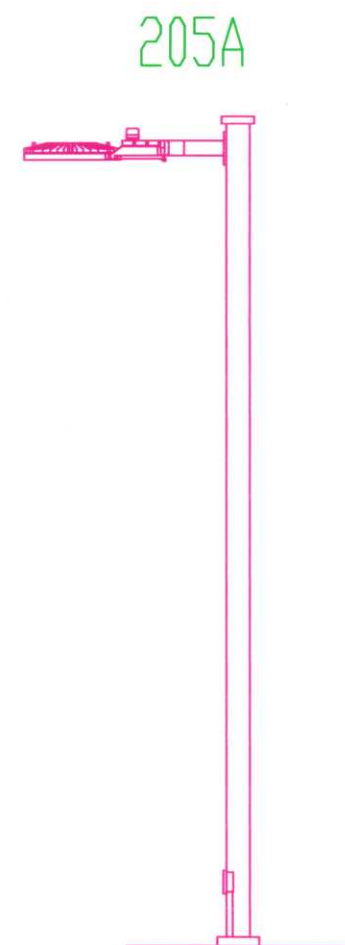
ISOFOOTCANDLE CURVES

FIXTURE: LED205
 MOUNTING HEIGHT: 30 FT
 LIGHT SOURCE: 180 LED'S
 PATTERN: TYPE V, B4-U2-G2(zero light at or above 90 degrees)
 ASSY# LED205-SQPEC

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



LEGEND (OUTER to INNER): 0.100 , 0.250 , 0.350 , 0.500 , 0.600



CALCULATION SUMMARY										
AREA NAME	DIMENSIONS	GRID / TYPE	# PTS	SPAC	GROUP	AVE	MAX	MIN	MAX/MIN	AVE/MIN
Parking	260.88x180.69ft	parking / H-H	183	10.00	(+)	0.51	0.78	0.23	3.45	2.27

Herb Young Community Ctr (10-0009) LUMINAIRE SCHEDULE							
TYP	SYMBOL	DESCRIPTION	LAMP	LUMENS	MOUNTING/BALLAST	LLF	QTY
205A	⊕	GE Lighting LED205_1/POLE (1) *LED205* LED205_1-4/POLE	(1) LED 6000K	ABS	30' MT HT GE SiteLighter	0.85	2

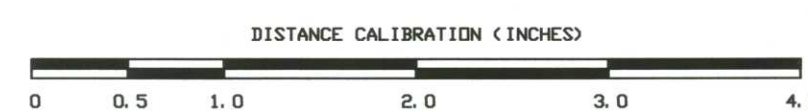
APPROVED
 TOWN OF CARY
 PROJECT # _____

APPROVED BY _____ DATE _____
 PLANNING _____ DATE _____
 ENGINEERING _____ DATE _____

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 Progress Energy. 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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HERB YOUNG COMMUNITY CENTER	
CARY NC	
SITE LIGHTING PLAN	
Designed by	PGN LIGHTING SOLUTIONS - CAROLINAS
Reviewed by	R. Simpkins Scale 1' = 20'
Date	02/04/2010 Size Drawing size 'D'
Description	205 Watt LED SiteLighter fixtures
Drawing No.	10-0009A Sht. 1 OF 1