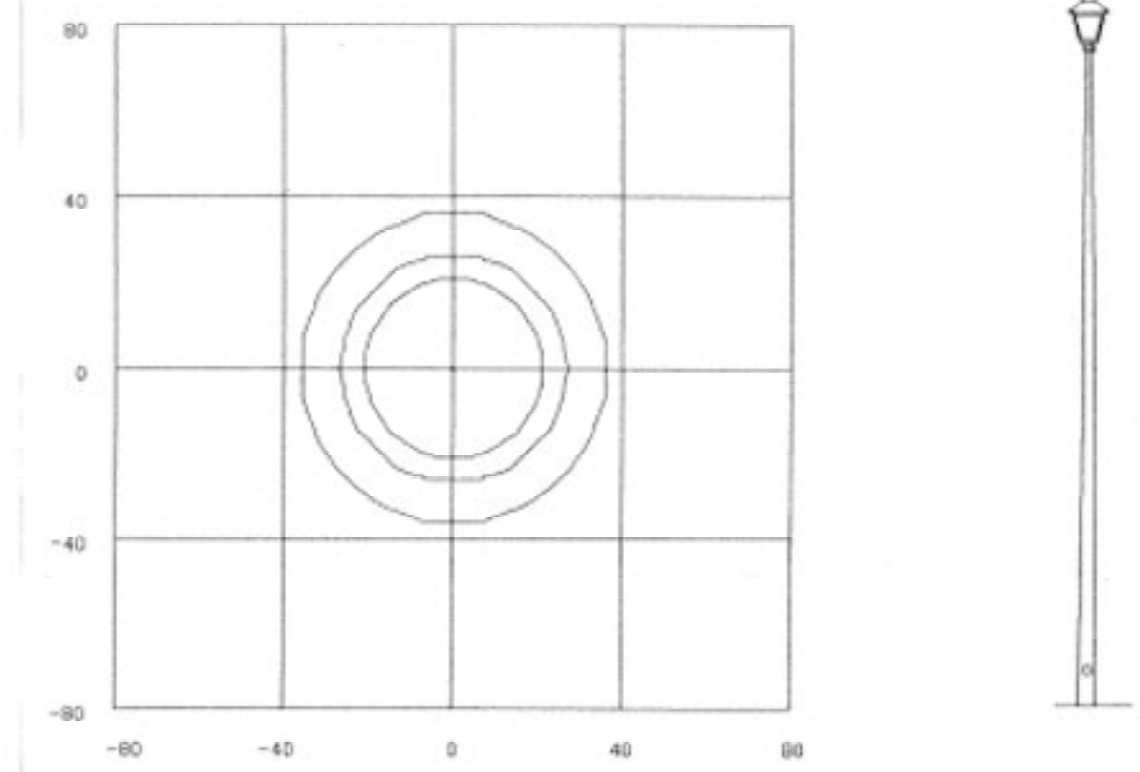


ISOFOOTCANDLE CURVES

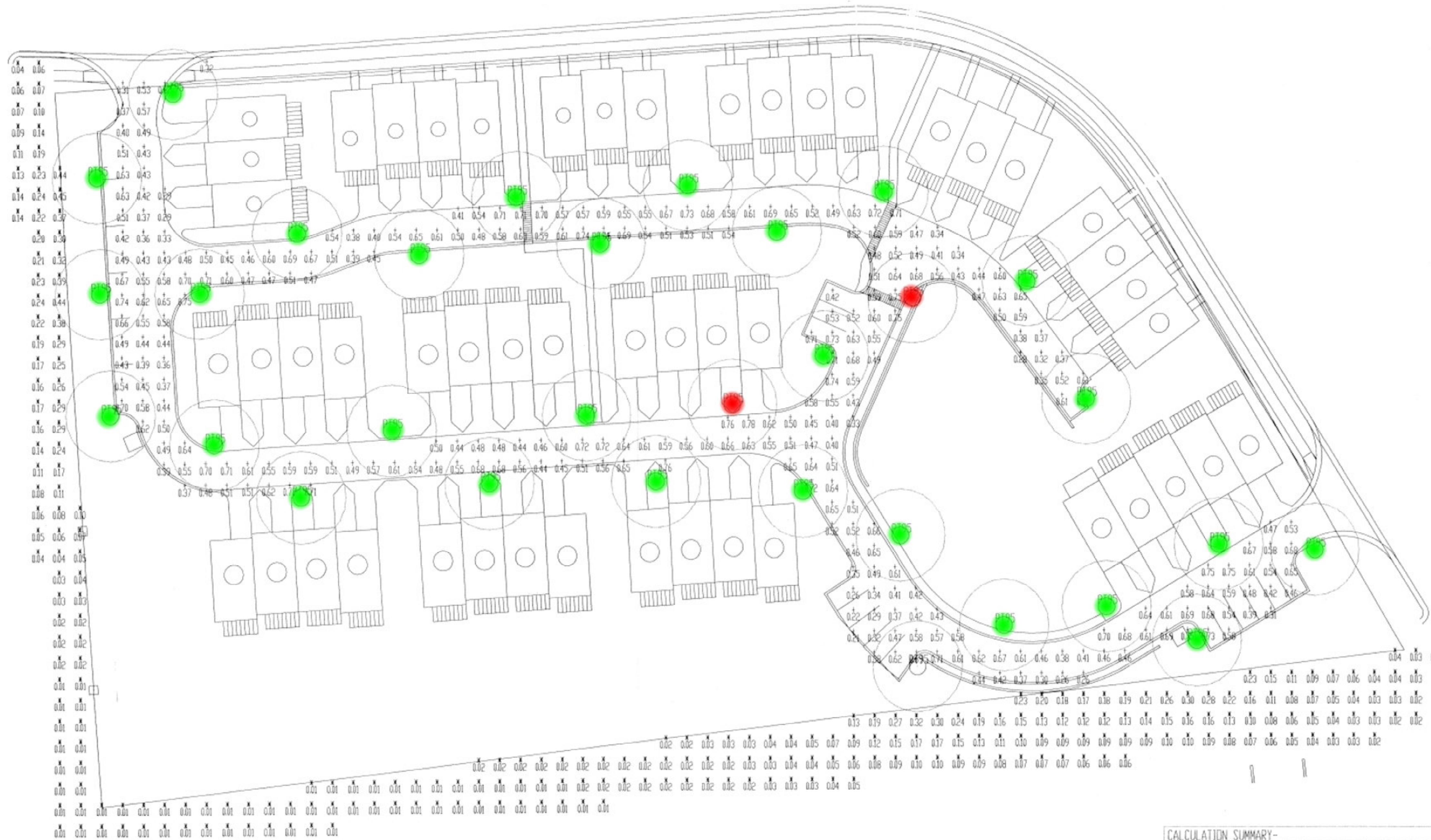
FIXTURE: POST STYLE 'T'
 MOUNTING HEIGHT: 16 FT
 LAMP: 100W, 9500 LUMENS, SODIUM
 PATTERN: TYPE V

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 .72.



LEGEND (OUTER to INNER) 0.100, 0.200, 0.300

- Street Lighting in place
- Cabling for lighting appears to be in place
- No Lighting or sign of cabling



03-SF-103
 APPROVED
 TOWN OF CARY

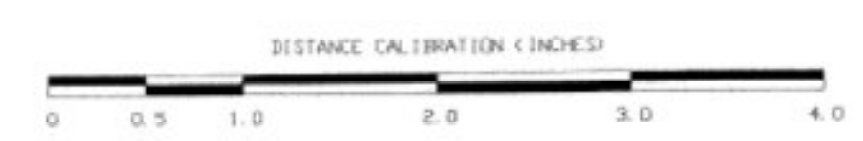
APPROVED BY	DEC	DATE	10-20-03
PLANNING	TS	DATE	10-31-03
ENGINEERING	TS	DATE	10-31-03

CALCULATION SUMMARY-						
AREA NAME	DIMENSIONS	GRID NAME	AVE	MAX	MIN	AVG/MIN
Parking & Drive		parking	(+) 0.5	0.8	0.2	2.5
		property line	(*) 0.1	0.4	0.0	0.0

LUMINAIRE SCHEDULE							
TYP	SYMBOL	DESCRIPTION	LAMP	LUMENS	MOUNTING/BALLAST	LLF	QTY
P195		GE Lighting Sys POST T 95 1/PST (1) '195' POST T 9500 1/PDST	(1) LU-100	9500	16' MT HT SODIUM VAPOR	0.74	31

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 _____



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TOWNES OF MADISON	
CARY NC	

Designed by	PGN LIGHTING SOLUTIONS - CAROLINAS
Reviewed by	R. Simpkins Scale 1" = 30'
Date	10/08/2003 Size Drawing size 'D'
Description	9500 lumen Post 'T' fixture
Drawing No.	03-0018C Sht 1 OF 1