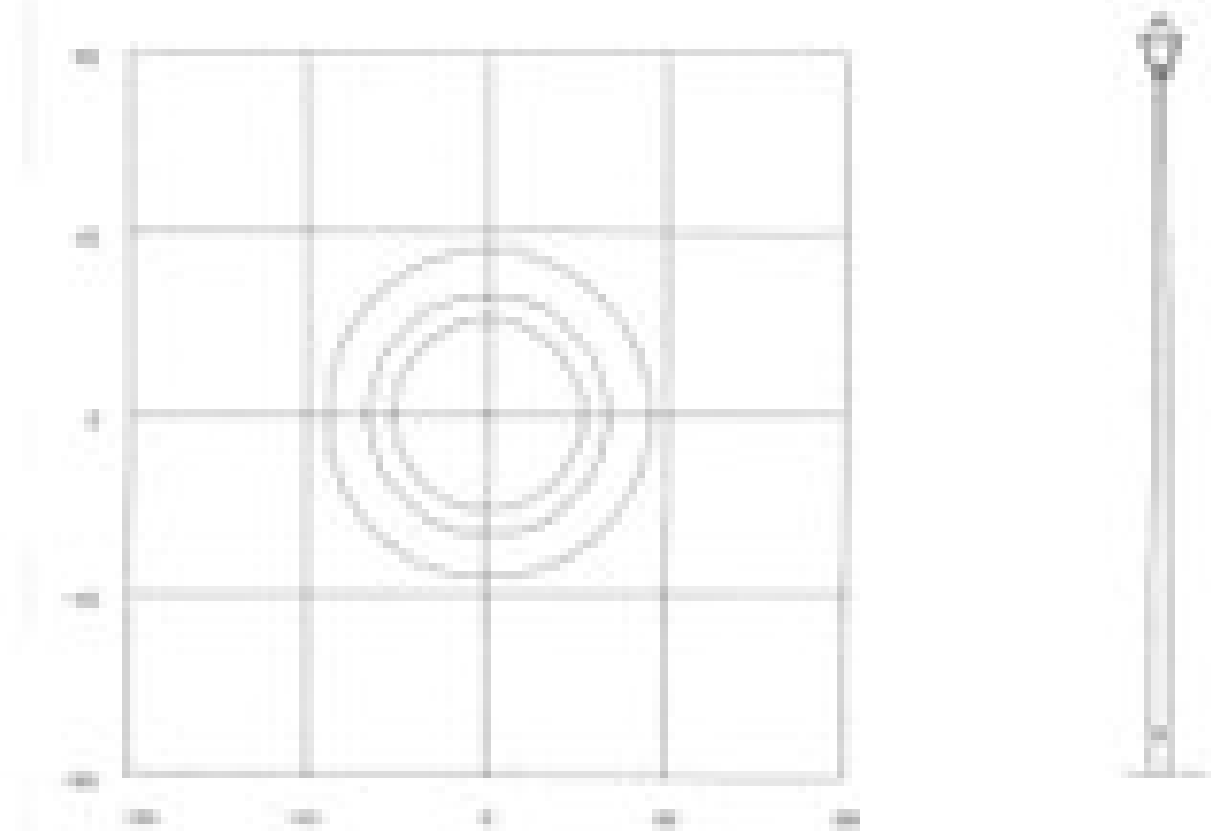


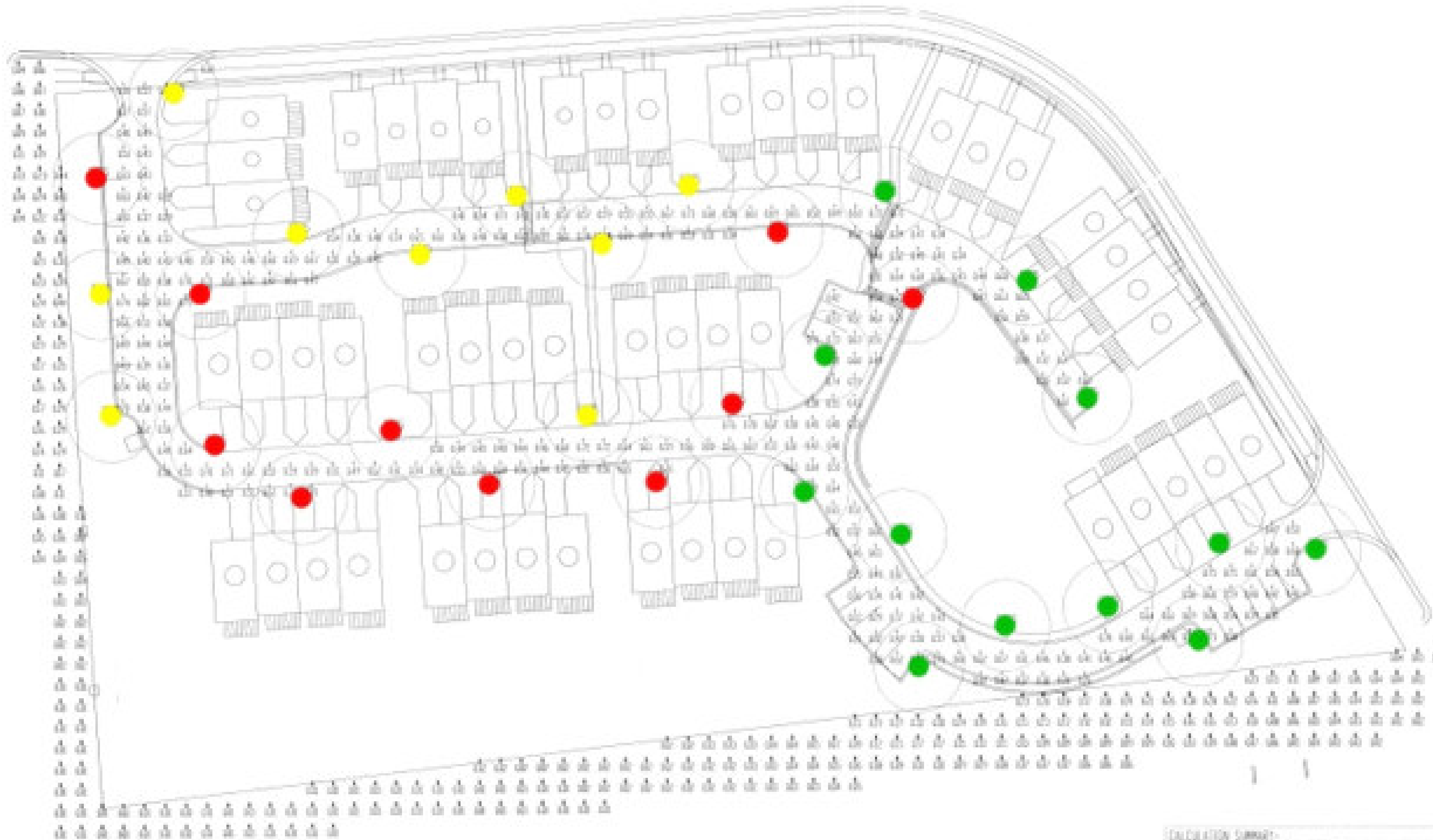
ISOFOOTCANDLE CURVES

FIXTURE: POST STYLE 77  
 MOUNTING HEIGHT: 30 FT  
 LAMP: 50W, 5000 LUMENS, 5000K  
 PATTERN: Type V

NOTE: THE FOOTCANDLE READINGS BELOW ARE MOUNTING HIGHS HAVE BEEN DEPRECIATED FOR LAMP LUMEN DEPRECIATION AND LUMINAIRE 30% DEPRECIATION FOR INITIAL FOOTCANDLE. DIVIDE THE READINGS BELOW BY 70.



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



APPROVED  
 TOWN OF CARY

APPROVED BY	DATE	DATE
PLANNING	6/2	6/2
COMMISSION	7/5	6/2

CALCULATION SUMMARY:

AREA NAME	DESCRIPTION	GRID NAME	AVC	AVC	AVC	AVC	AVC
Parking & Drive		parking	10	25	28	32	35
		property line	100	91	84	81	80

LUMINAIRE SCHEDULE

TYPE	SYMBOL	DESCRIPTION	LUMENS	BEARING/BEACON	CU	CU'
POST		1x Luminaire Sys. POST 1 50 LUMEN 1x 77" POST, 1 50W LUMEN	10,000	5000 10000 WSP	0.74	11

**LIGHTING DESIGN TOLERANCE**  
 The intended footcandle light levels in this lighting design are intended values and are based on specific information that has been supplied to Progress Energy. Any discrepancies in the supplied information, differences in luminaire output, light loss due to dirt, fixture location, reflection, refraction, properties of surrounding surfaces, obstructions (change in elevation) in the field, or lighting fixture location other than listed in this design may produce different results than the published values. Accurate footcandle readings of lighting, when subject, will be used and necessary adjustments will also reflect results.



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TOWN OF CARY  
 CARY, NC

Designed by: JON LIGHTING SOLUTIONS - CAROLINA  
 Drawn by: J. Johnson  
 Date: 11/20/2012  
 Description: 2012 Survey Post 77 Fixture  
 Drawing No: 12-0028C