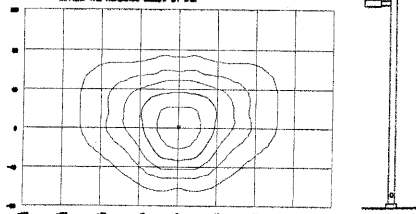


ISOFOOTCANDLE CURVES

FIXTURE BEARING
 BEARING HEIGHT IN FT
 LAMP SIZE, WIRE LUMEN, BEARING
 PATTERN TYPE III

NOTE: THE VISIBLE BEARING BELOW ARE ASSUMED AND HAVE
 BEEN SPECIFIED FOR LAMP LUMEN ESTIMATION
 LUMEN PER FOOTCANDLE TO BEING DETERMINED
 BEYOND THE BEARING RELAY BY 2%



LEGEND: CENTER TO DIMMER: 0.100, 0.250, 0.500, 1.00, 2.00

DATE	DESCRIPTION	BY	CHK	REV	DATE
02/25/03	ISSUED FOR PERMITS	RS	RS	01	02
02/25/03	ISSUED FOR PERMITS	RS	RS	02	02
02/25/03	ISSUED FOR PERMITS	RS	RS	03	02
02/25/03	ISSUED FOR PERMITS	RS	RS	04	02

DATE	DESCRIPTION	BY	CHK	REV	DATE
02/25/03	ISSUED FOR PERMITS	RS	RS	01	02
02/25/03	ISSUED FOR PERMITS	RS	RS	02	02
02/25/03	ISSUED FOR PERMITS	RS	RS	03	02
02/25/03	ISSUED FOR PERMITS	RS	RS	04	02

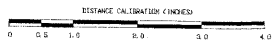
03-SP-101
APPROVED
 TOWN OF CARY
 APPROVED BY DEC DATE 7-24-03
 PLANNING BOARD DATE 2-9-04
 BUSINESS TB DATE 2-9-04

The developer will be responsible for all installation costs associated with street lighting along proposed streets, cul-de-sacs and thoroughfares as required per Town of Cary Policy Statement No. 13. The developer shall contact Progress Energy Inc. offer plan approval and prior to construction in order to develop a street lighting plan for the site/subdivision plans.

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 wattage, lamp output, and ballast and luminaire manufacture will also affect results.

Customer approval _____ Date _____



PROPRIETARY & CONFIDENTIAL

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CARY CHURCH OF GOD	
CARY NC	
Designed by	PGN LIGHTING SOLUTIONS - CAROLINAS
Reviewed by	R. Stimpkins Scale 1" = 50'
Date	02/25/2003 Size Drawing size "D"
Description: 28K lumen Smebox fixtures	
Drawing No.	03-0159A Sht. 1 OF 1