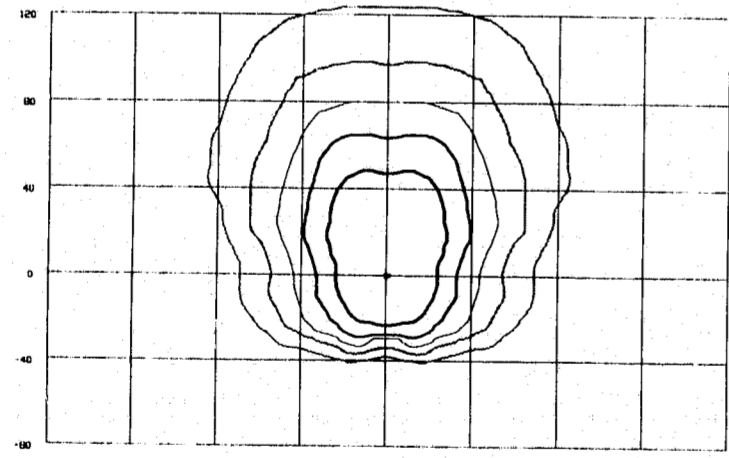


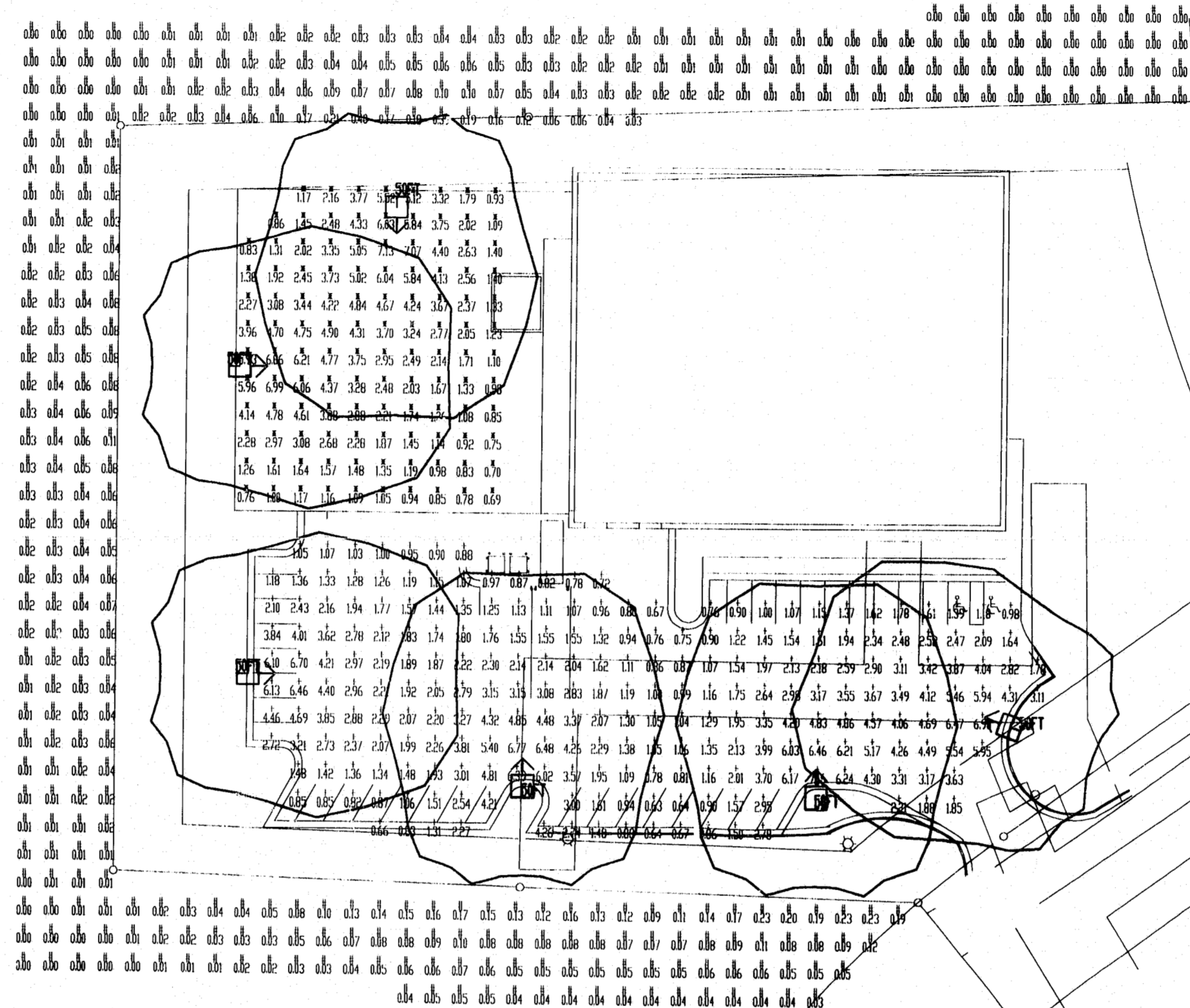
ISOFOOTCANDLE CURVES

FIXTURE: SHERBY - FORWARD THROW
 MOUNTING HEIGHT: 30 FT
 LAMP: 400W, 50,000 LUMENS, SODIUM
 PATTERN: TYPE IV

NOTE: THE FOOTCANDLE READINGS BELOW ARE MAINTAINED AND HAVE BEEN DEPRECIATED FOR LAMP LUMEN DEPRECIATION AND LUMINAIRE DIRT DEPRECIATION FOR BESTIAL FIXTURES. DIVIDE THE READINGS BY .94 BY .72.



LEGEND (OUTER to INNER): 0.100, 0.250, 0.500, 1.00, 2.00



CALCULATION SUMMARY-

AREA NAME	DIMENSIONS	GRID NAME	AVE	MAX	MIN	AVG/MIN
parking		parking	(+) 2.5	7.2	0.6	3.9
storage area		(*)	2.8	7.1	0.7	4.1
property line		(#)	0.0	0.4	0.0	0.0

LUMINAIRE SCHEDULE

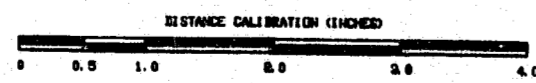
TYP	SYMBOL	DESCRIPTION	LAMP	LUMENS	MOUNTING/BALLAST	LLF	QTY
50FT		GE SB50 FT 1/P/PILE (1) *S50F* SB HPS50 FT 1/P/PILE	(1) LU-400	50000	30 FT. MH 50000 FT HPS	0.72	6

This design contains Special Order fixtures. Please allow additional lead time for these items.

02-SP-159
 APPROVED
 REC: 2-19-03
 RB: 5-7-03
 TS 5-9-03

LIGHTING DESIGN TOLERANCE

Customer approval: _____ Date: _____



PROPRIETARY & CONFIDENTIAL

This document together with the concepts and designs presented herein, presented as an instrument of service, is the sole property of Progress Energy, and is intended only for the specific purpose and prospective client as stated in the title block of this drawing. Any use, copying, reproduction or disclosure of the drawing, design or any information contained herein by the prospective customer or other entities, including without limitation, architects, engineers, or equipment manufacturers is hereby expressly prohibited and shall not be permitted absent prior written consent from, and payment of compensation to Progress Energy. Progress Energy disclaims any liability or responsibility for any unauthorized use of or reliance on the document.

BRADY TRANE

CARY NC

Designed by PGN LIGHTING SOLUTIONS - CAROLINAS

Reviewed by R. Simpkins Scale: 1" = 30'

Date: 01/09/2003 Size: Drawing size "D"

Description: 50K lumen Shoebox fixtures (4)

Drawing No: 02-0178B Sht. 1 OF 1