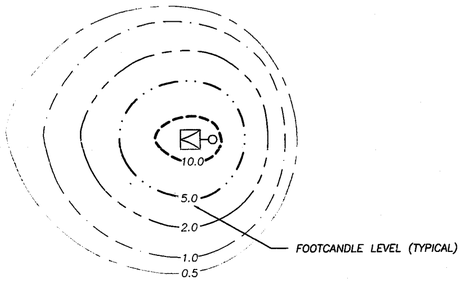
LEGEND

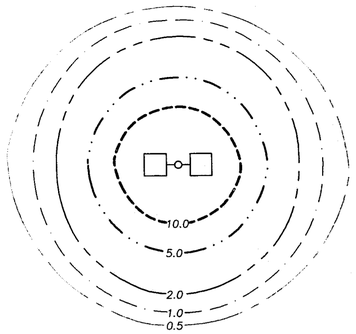
25 FOOT POLE WITH ONE (1) 1000-WATT METAL HALIDE LUMINAIRE (CUT-OFF TYPE) WITH FOWARD-THROW OPTICS.

25 FOOT POLE WITH TWO (2) 1000-WATT METAL HALIDE LUMINAIRES (CUT-OFF TYPE) MOUNTED 180-DEGREES APART.

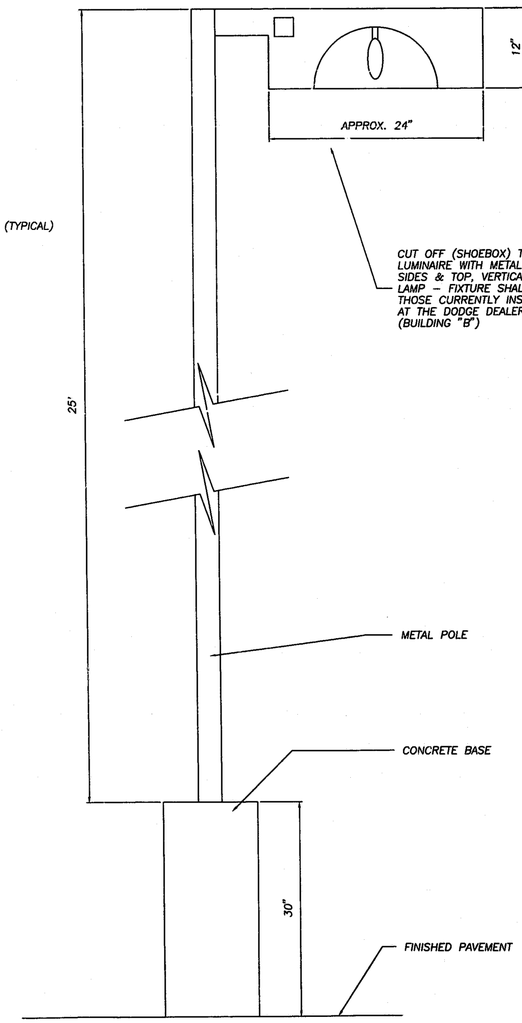
ISO-CANDLE CURVES



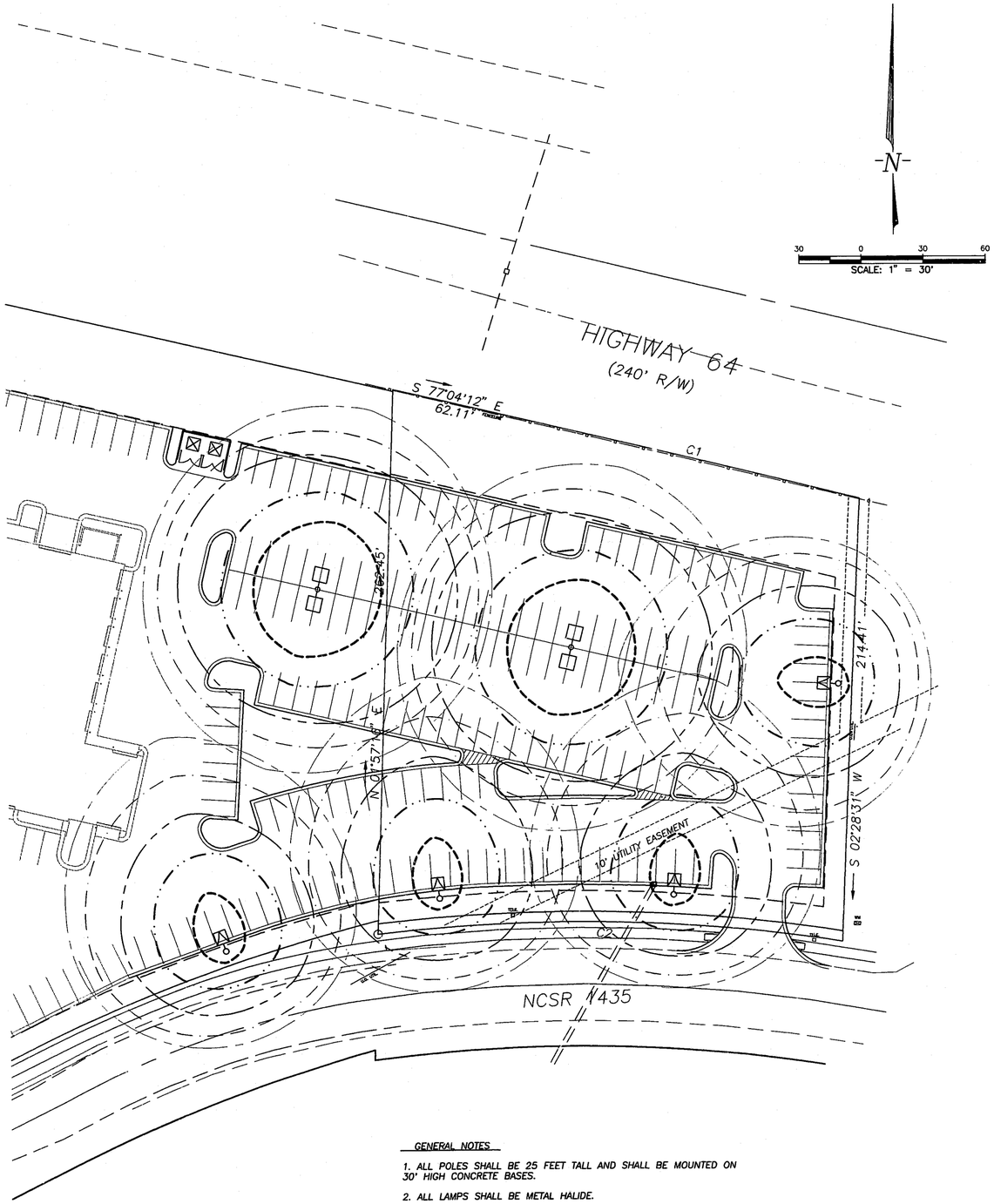
SINGLE LUMINAIRE



DOUBLE LUMINAIRE



TYPICAL LIGHTING POLE/LUMINAIRE
NOT TO SCALE



-N-

30 0 30 60
SCALE: 1" = 30'

GENERAL NOTES

1. ALL POLES SHALL BE 25 FEET TALL AND SHALL BE MOUNTED ON 30" HIGH CONCRETE BASES.
2. ALL LAMPS SHALL BE METAL HALIDE.

DESIGN PARAMETERS

1. AVERAGE MAINTAINED FOOTCANDLE LEVEL - 1.75 FOOTCANDLES.
2. OPERATING HOURS OF LIGHTING:
   DISPLAY/PARKING AREA - "ON" AT DUSK: "OFF" AT 10:00 PM
   SECURITY (*) LIGHTING - "ON" AT DUSK, "OFF" AT DAWN
   (*) - APPROXIMATELY 10% OF TOTAL LUMINAIRES
   CIRCUITING SHALL BE SUCH THAT 50% OF THE LIGHTING MAY BE SWITCHED "OFF", IF DESIRED.

CONSULTING ENGINEERS, P.A.

WITHERS & RAVENEL
Engineering & Surveying, Inc.

1149 Executive Circle
Cary, N.C. 27511

PHONE : 919-469-3340
FAX : 919-467-6008

SEALS

NORTH CAROLINA PROFESSIONAL SEAL 13039 ENGINEER LOFTEE GLENN SMITH

DRAWING TITLE

LIGHTING PLAN

PROJECT TITLE 94139

CARY AUTO MALL PARKING EXPANSION

REVISIONS

NUMBER	DESCRIPTION	DATE
1	REVISIONS PER T.O.C. 1st REVIEW	1/25/95
2	REVISIONS PER T.O.C. 2nd REVIEW	2/09/95
3	DELETE POND	5/23/95

DRAWN BY ATB
CHECKED BY LGS
DATE ISSUED 12/29/94
SCALE HORIZ:1"=30'/VERT:1"=4'

SHEET NO. 5
OF 6

P:\94139\SHT5 Thu May 25 09:54:26 1995 WITHERS & RAVENEL ENGINEERING & SURVEYING, INC.