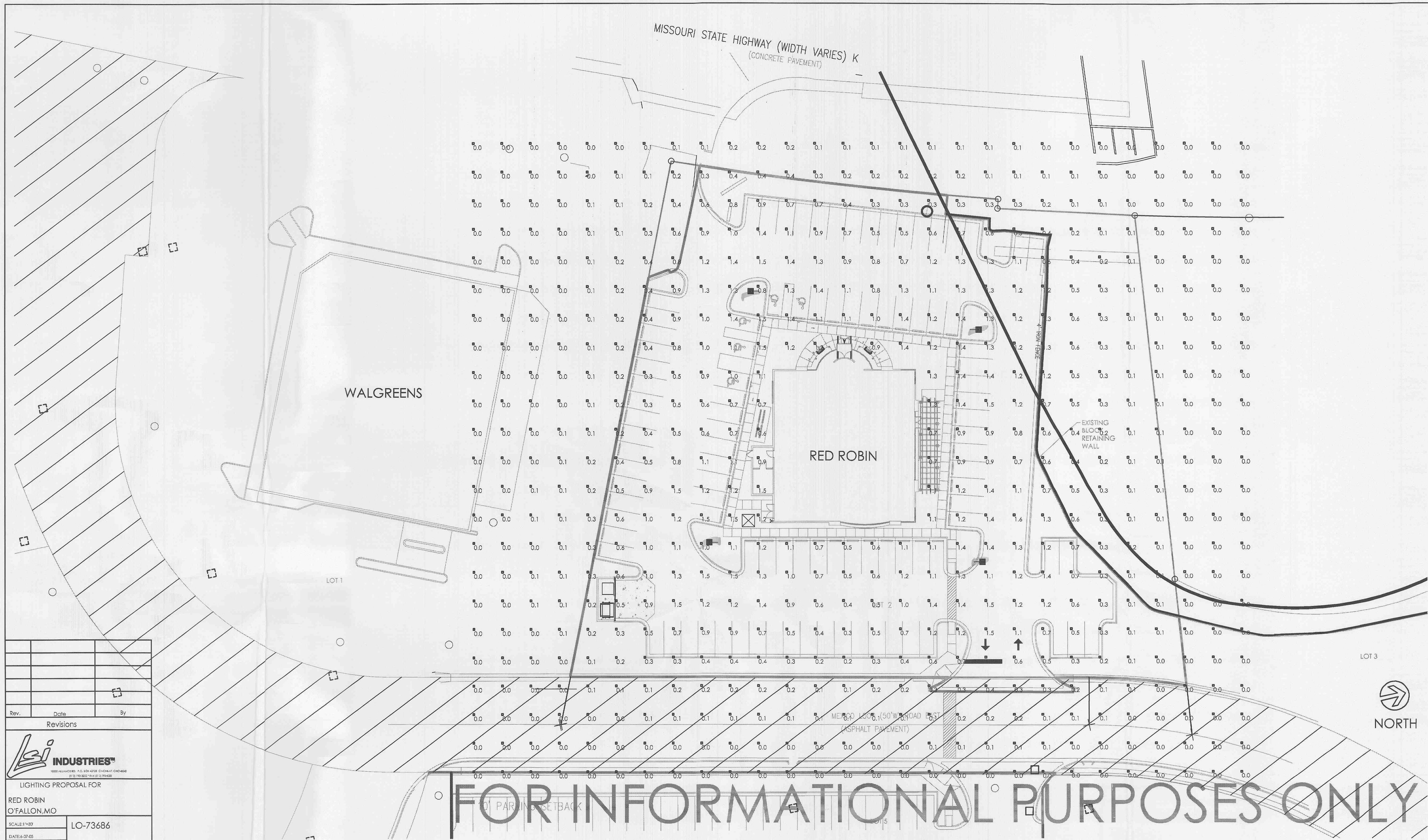


RED ROBIN GOURMET BURGERS
1440 MEXICO LOOP ROAD EAST
O'FALLON, MO
PHOTOMETRIC PLAN
ENGINEERING RE-ISSUE: 10/28/05

CHIPMAN ADAMS LTD.
A.I.C. 111 e o 14
1800 N. Northwest Highway, Suite 400
Fond du Lac, Illinois 60015-1408
TEL: 815-224-4944
F: 815-224-4946

Revisions
 △ PLANNING & ZONING ISSUE: 06/17/05
 △ PLANNING & ZONING RE-ISSUE: 07/04/05
 △ PLAN REVIEW ISSUE: 08/24/05
 △ ENGR. RE-ISSUE @ 24X36: 09/16/05

Drawn by: _____
 Checked by: _____
 Scale: 1/4"=1'-0"
 Date: 6/17/05
 JOB NO: 05-4393
 Sheet No: ES-1



| | | |
|-----------------------|--------------|----|
| Rev. | Date | By |
| | | |
| Revisions | | |
| | | |
| LIGHTING PROPOSAL FOR | | |
| RED ROBIN | | |
| O'FALLON, MO | | |
| SCALE: 1"=20' | LO-73686 | |
| DATE: 07-05 | | |
| BY: MWE | SHEET 1 OF 1 | |

1 SITE PHOTOMETRIC PLAN
SCALE: 1"=20'

NOTES:

- All 24' Poles to be mounted on concrete pedestals 2' above grade, for a total mounting height of 26'.
- Maintained Footcandle levels at grade, using a .72 Total Light Loss Factor.

| Luminaire Schedule | | | | | | | |
|-----------------------|-----|-------|-------------|--------|-------|-----------------|-------------|
| Project: All Projects | | | | | | | |
| Symbol | Qty | Label | Arrangement | Lumens | LLF | Description | Total Watts |
| | 4 | A | SINGLE | 36000 | 0.720 | GFM 5 400 MHR F | 458 |

| Numeric Summary | | | | | | | |
|-----------------------|-------------|-------|------|-----|-----|---------|---------|
| Project: All Projects | | | | | | | |
| Label | CalcType | Units | Avg | Max | Min | Avg/Min | Max/Min |
| AREA | Illuminance | Fc | 0.40 | 1.6 | 0.0 | 0.00 | 0.00 |

| Statistical Area Summary | | | | | |
|--------------------------|------|-----|-----|---------|---------|
| Project: All Projects | | | | | |
| Label | Avg | Max | Min | Avg/Min | Max/Min |
| PAVED AREA | 0.93 | 1.6 | 0.2 | 4.65 | 8.00 |

3 GENERAL NOTES
SCALE: SCALE

2 SCHEDULE
SCALE: SCALE