

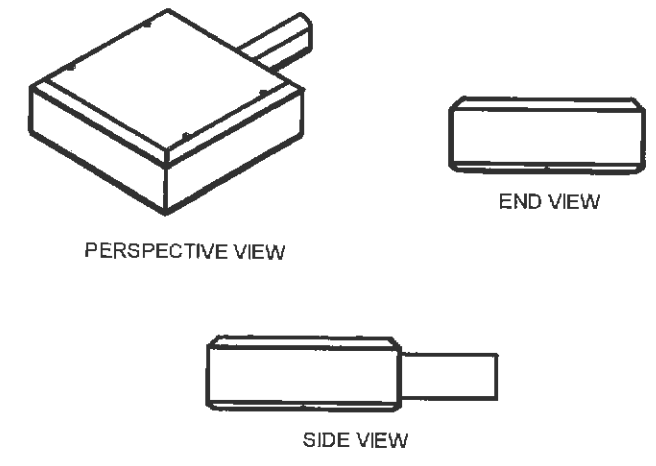
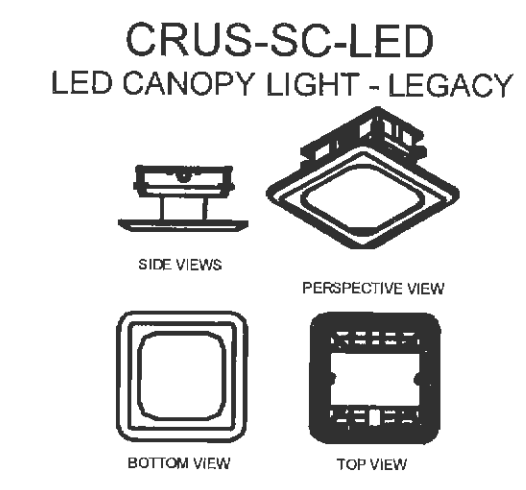
Initial footcandle levels at grade.

| Calculation Summary | | | | | | | |
|---------------------|-------------|-------|-------|------|-----|---------|---------|
| Label | CalcType | Units | Avg | Max | Min | Avg/Min | Max/Min |
| CalcPts | Illuminance | Fc | 3.44 | 69.9 | 0.0 | N.A. | N.A. |
| PL READINGS | Illuminance | Fc | 0.13 | 0.3 | 0.0 | N.A. | N.A. |
| CANOPY | Illuminance | Fc | 49.02 | 69.9 | 6.4 | 7.66 | 10.92 |
| INSIDE CURB | Illuminance | Fc | 3.93 | 40.8 | 0.0 | N.A. | N.A. |

| Luminaire Schedule | | | | | | | | | |
|--------------------|-----|-------|-------------|--|-------|-------------|------------------|------------|--|
| Symbol | Qty | Label | Arrangement | Description | LLF | Lumens/Lamp | Arr. Lum. Lumens | Arr. Watts | |
| ■ | 4 | A | SINGLE | XGBM-FT-LED-SS-CW-HSS SINGLE ON 18' POLE + 2' BASE | 1.000 | N.A. | 15443 | 187 | |
| ■ | 24 | C | SINGLE | CRUS-SC-LED-SS-CW-UE | 1.000 | N.A. | 13554 | 114 | |
| ■ | 8 | D | SINGLE | CRS-AC-LED-64-HO-CW-UE | 1.000 | N.A. | 13198 | 155 | |

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions.

This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamps/LED's and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted.



PROJECT TITLE:
SITE CONSTRUCTION PLANS
DIRT CHEAP OF FALLON
#708 MO. STATE HIGHWAY K
OF FALLON, MISSOURI 63366



Plan Date: November 8, 2013
Revision Date: April 28, 2014
Revision Date: May 22, 2014
Revision Date: August 1, 2014
Revision Date: Sept. 4, 2014

Developer / Owner Information:
U-GAS PROPERTIES OF FALLON LLC
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LIGHTING PLAN

P+Z No: (23-13.02)
Approval Date: 10/03/13
City No.

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Industries logo and project information: LIGHTING PROPOSAL LO-117843-1, U-GAS, 708 HIGHWAY K OF FALLON, MO. Includes scale: 1"=20' and sheet number: SHEET 1 OF 1.