

D STREET LIGHTING STATISTICS:

	AS DESIGNED	RECOMMENDED BY AASHTO**
AVERAGE:	1.8 FC	0.8 FC
MAXIMUM:	2.4 FC	
MINIMUM:	0.3 FC	
AVERAGE-TO-MINIMUM UNIFORMITY RATIO:	4.2-TO-1	6.0-TO-1 (or lesser)
MAXIMUM-TO-MINIMUM UNIFORMITY RATIO:	8.0-TO-1	

LOCAL COMMERCIAL ROADWAY CLASSIFICATION

C STREET / VALLEY STREET INTERSECTION LIGHTING STATISTICS:

	AS DESIGNED	RECOMMENDED BY IESNA**
AVERAGE:	2.9 FC	1.4 FC
MAXIMUM:	4.9 FC	
MINIMUM:	0.6 FC	
AVERAGE-TO-MINIMUM UNIFORMITY RATIO:	4.9-TO-1	6.0-TO-1 (or lesser)
MAXIMUM-TO-MINIMUM UNIFORMITY RATIO:	8.2-TO-1	

LOCAL / LOCAL INTERSECTION CLASSIFICATION

D STREET / VALLEY STREET INTERSECTION LIGHTING STATISTICS:

	AS DESIGNED	RECOMMENDED BY IESNA**
AVERAGE:	2.1 FC	1.4 FC
MAXIMUM:	4.3 FC	
MINIMUM:	0.4 FC	
AVERAGE-TO-MINIMUM UNIFORMITY RATIO:	5.2-TO-1	6.0-TO-1 (or lesser)
MAXIMUM-TO-MINIMUM UNIFORMITY RATIO:	10.8-TO-1	

LOCAL / LOCAL INTERSECTION CLASSIFICATION

C STREET / VALLEY STREET INTERSECTION LIGHTING STATISTICS:

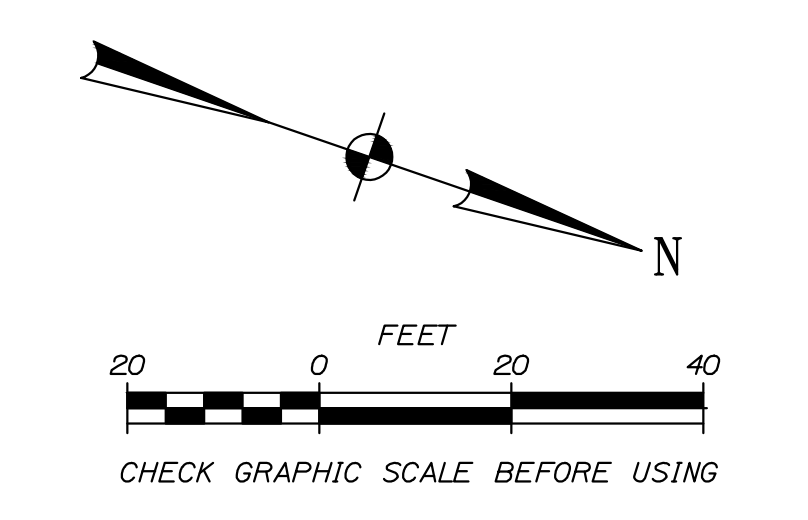
	AS DESIGNED	RECOMMENDED BY IESNA**
AVERAGE:	2.1 FC	1.4 FC
MAXIMUM:	4.3 FC	
MINIMUM:	0.4 FC	
AVERAGE-TO-MINIMUM UNIFORMITY RATIO:	5.2-TO-1	6.0-TO-1 (or lesser)
MAXIMUM-TO-MINIMUM UNIFORMITY RATIO:	10.8-TO-1	

LOCAL / LOCAL INTERSECTION CLASSIFICATION

** RECOMMENDED ILLUMINANCE LEVELS ARE PUBLISHED BY THE ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA IN RP-8-14 ROADWAY LIGHTING.

*** RECOMMENDED ILLUMINANCE LEVELS ARE PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS IN ROADWAY LIGHTING DESIGN GUIDE 1984.

OFF-SITE PROJECT IMPROVEMENTS:
 NEW SIDEWALK ALONG D STREET
 NEW CROSSWALK AT THE INTERSECTION OF D STREET AND VALLEY STREET
 NEW CROSSWALK AT THE INTERSECTION OF C STREET AND VALLEY STREET



1 "D" STREET & "C" STREET LIGHTING CALCULATION PLAN
 SCALE: 1" = 20'-0"
 CALCULATED ILLUMINANCE LEVELS ARE INDICATED AS INITIAL FOOTCANDLES AT GRADE.

NOT FOR CONSTRUCTION
 LEVEL III SITE PLAN APPLICATION
 06/22/18

Appoint	
Date	
Issue No.	

Designed LEB	Scale 1"=20'-0"
Drawn LEB	Date 6/22/18
Checked LEB	Project Job Number 4070