

#ATL034
 CONYERS, GA

Krystal



3/22/18

ISSUED FOR CONSTRUCTION
 1447 Highway 138
 Conyers, Georgia 30012
 Rockdale County, Georgia

Revisions		
#	Date	Description

UNIFORM DEVELOPMENT CODE

4.7 OUTDOOR SITE LIGHTING

4.7.2 NEW LIGHTING

a. PRESCRIPTIVE METHOD

1. TOTAL SITE LUMEN LIMIT USING HARDSCAPE AREA METHOD (TABLE B)

TABLE B. ALLOWED TOTAL INITIAL LUMENS PER SITE FOR NON RESIDENTIAL OUTDOOR LIGHTING HARDSCAPE AREA METHOD

BASE ALLOWANCE:
 LIGHTING ZONE 1 (L2-3) + 28,366 SF IMPERVIOUS X 0.5 LUMENS PER SF = 141,830 LUMENS
 DRIVE UP WINDOW (WITHIN 20 FT HORIZONTAL OF CENTER OF WINDOW) = 1,000 LUMENS
TOTAL LUMENS ALLOWED: 142,830 LUMENS

(1) TYPE "Y" FIXTURE AT 21.120 LUMENS PER FIXTURE = 128,720 LUMENS
TOTAL PROVIDED LUMENS: 128,720 LUMENS (142,830 LUMENS ALLOWED)

b. LIMITS TO OFF-SITE IMPACTS PER TABLE C

TABLE C-1. MAXIMUM ALLOWABLE BACKLIGHT (B) RATINGS

(1) "Y" FIXTURES - TO LESS THAN 2 MOUNTING HEIGHTS FROM PROPERTY LINE IDEALLY ORIENTED IN L2-3 ZONE - 84 RATINGS REQUIRED

(2) "Y" FIXTURES 0.5 TO LESS THAN 1 MOUNTING HEIGHTS FROM PROPERTY LINE AND IDEALLY ORIENTED IN L2-3 ZONE - 84 RATINGS REQUIRED, BY RATING DIVIDED

(3) "Y" FIXTURES 1 TO 2 MOUNTING HEIGHTS FROM PROPERTY LINE AND IDEALLY ORIENTED IN L2-3 ZONE - 84 RATINGS REQUIRED, BY RATING DIVIDED

(4) "Y" FIXTURES 2 TO 3 MOUNTING HEIGHTS FROM PROPERTY LINE AND IDEALLY ORIENTED IN L2-3 ZONE - 84 RATINGS REQUIRED, BY RATING DIVIDED

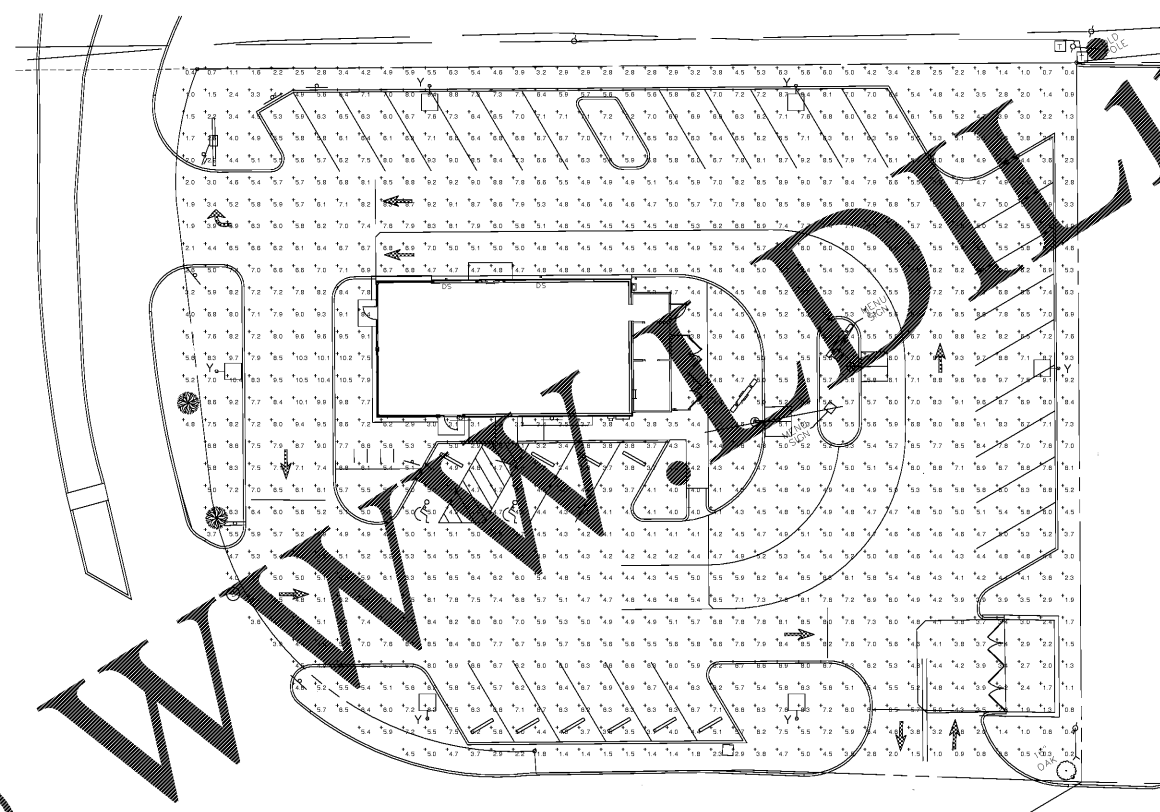
(5) "Y" FIXTURES IN L2-3 ZONE - 84 RATINGS REQUIRED, BY RATING DIVIDED

TABLE C-2. MAXIMUM ALLOWABLE GLARE RATINGS

L2-3 ZONE - ALLOWED GLARE RATING: 19
 ALL "Y" FIXTURE PROVIDED

TABLE C-3. MAXIMUM ALLOWABLE GLARE RATINGS

L2-3 ZONE - ALLOWED GLARE RATING: 19
 ALL "Y" FIXTURE PROVIDED (IF FIXTURE "Y")
 (1) RATED FIXTURE (IF FIXTURE "Y")



1 EXAMPLE PHOTOMETRIC SITE PLAN
 1" = 20'-0"

TYPE	DESCRIPTION	MOUNTING	MOUNTING HEIGHT	NUMBER AND TYPE OF LAMPS	MANUFACTURER AND CATALOG #	LUMENS	REMARKS
Y	SINGLE HEAD LED FULL CUT-OFF LIGHT FIXTURE	POLE MOUNTED (28FT) ON DIRECT BURRY FIBERGLASS POLE	28FT POLE HEIGHT	1-315W, 4500K, 207W FURNISHED W/TK.	GALEON (COOPER LIGHTING) 315W LED 50W-AE-4-LED-0-787-82-4035	21,120	FIXTURE AND POLE TO BE BRONZE IN COLOR. HOUSE SIDE SHIELDS ARE PROVIDED WITH THIS FIXTURE.
YY	DOUBLE HEAD LED FULL CUT-OFF LIGHT FIXTURE	POLE MOUNTED (28FT) ON DIRECT BURRY FIBERGLASS POLE	28FT POLE HEIGHT	FURNISHED W/TK.	GALEON (COOPER LIGHTING) 315W LED	42,240	HOUSE SIDE SHIELDS ARE PROVIDED WITH THIS FIXTURE.

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