




C I T Y O F RENO

Memorandum

DATE: January 15, 2025

TO: Reno Planning Commission

THROUGH: Mike Railey, AICP, Planning Manager

FROM: Nathan Gilbert, AICP, Principal Planner 

DEPT: Development Services Department

SUBJECT: Item 6.1 LDC25-00023 (L&H CUP) - Proposed Modification to Condition of Approval 6

During the initial application review, staff did not identify the proposed lighting included with application material. As presented in the staff report, the recommended Condition of Approval No. 6 prohibits freestanding outdoor lighting. To promote site security for outdoor storage, staff recommends modifications to Condition No. 6 as noted below. The proposed lighting meets all code lighting requirements (dark skies, 0-footcandles at property line, light temperature, max lumens, etc.) and the condition modification requires security level lighting at close of business (6:00 p.m.). Lighting and photometric plans are attached for reference.

6. The following operational criteria shall be implemented at the project site; 1) no onsite concrete production (operations limited to office use and vehicle parking); 2) commercial trucks shall not include back-up “beepers” and shall be equipped with automatic shut-off systems to prevent extended idling and noise, 3) business hours shall be limited to 6:00 a.m. to 6:00 p.m.); and 4) ~~no~~ freestanding outdoor lighting shall be **reduced to security level lighting permitted by 6:00 p.m.** Security level lighting shall be a minimum 30% reduction from photometric plan standards.

SITE LIGHTING PLAN

Scale:

100'

200'

ID	MANUFACTURER	LIGHTING SCHEDULE					MATERIAL	DESCRIPTION
		MODEL	HEIGHT	WATTAGE	VOLTAGE	TYPE		
P1	UITHUNA	DSX31_LED_DSX31_70W_40K_CDMO	7' 10 1/2"	100000	400V	TYPE 1T	INDICATED LED, 40W, 4000K, DARK BRONZE, TYPE 4 DISTRIBUTION.	
P2	UITHUNA	DSX31_LED_DSX31_70W_40K_CDMO	3' 29 1/2"	100000	400V	TYPE 1T	INDICATED LED, 40W, 4000K, DARK BRONZE, TYPE 1 DISTRIBUTION.	
P3	UITHUNA	DSX31_LED_DSX31_70W_40K_CDMO	3' 29 1/2"	100000	400V	TYPE 1T	INDICATED LED, 40W, 4000K, DARK BRONZE, TYPE 1 DISTRIBUTION.	
P4	UITHUNA	DSX31_LED_DSX31_70W_40K_CDMO	5' 29 1/2"	100000	400V	TYPE 1T	INDICATED LED, 40W, 4000K, DARK BRONZE, TYPE 1 DISTRIBUTION.	

PRELIMINARY

NOT FOR CONSTRUCTION

LUMENS PER ACRE FOR SITE LIGHTING
(PER RMC 18.04.1304 C)

TOTAL SITE ACRES = 6.017

TOTAL LUMENS PER LIGHT TYPE

W = 5,343 x 6 = 37,401
P2 = 20,130 x 6 = 84,390
P3 = 42,195 x 3 = 126,585
P4 = 10,549 x 3 = 31,647

TOTAL LUMENS = 520,676

LUMENS PER ACRE = 520,676 / 6.017 = **86,000 LUMENS PER ACRE**

24 = $56,260 \times 4 = 281,300$
TOTAL LUMENS = 529,676

LUMENS PER ACRE = 529,676 / 6.017 = 88,030 LUMENS PER ACRE

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DESIGNED:	S.B.G.
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STUDIES

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DATE:	SUBMITTAL
11/11/24	PRELIMINARY

SOBRIETY RECORD:					
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OUTDOOR LIGHTING PLAN

EPH-1.0

