



DESIGN CRITERIA*		
FUEL STATION SITE	ENTRY DRIVE	PROPERTY LINE
ILLUMINANCE (Fc)	ILLUMINANCE (Fc)	ILLUMINANCE (Fc)
AVERAGE = 2.75	MINIMUM = 0.40	MAXIMUM = 0.80
MINIMUM = 1.50	MAX/MIN = 10:1	
MAX/MIN = 10:1		

*PER WALMART SITE LIGHTING DESIGN AND COORDINATION CRITERIA PER 'FUEL STATION LIGHTING DESIGN GUIDANCE', 'FRONT AISLE ZONE' CRITERIA, AND 'SPILL LIGHT CONTROL' CRITERIA.

CALCULATION SUMMARY		
FUEL STATION SITE	ENTRY DRIVE	PROPERTY LINE
ILLUMINANCE (Fc)	ILLUMINANCE (Fc)	ILLUMINANCE (Fc)
AVERAGE = 4.12	MINIMUM = 1.20	MAXIMUM = 0.50
MINIMUM = 1.50	MAX/MIN = 4:1	
MAX/MIN = 5:1		

LEGEND										
SYMBOL	QTY	LABEL	ARRANGEMENT	LLF	DESCRIPTION	ARR. WATTS	ARR. LUMENS	INITIAL LUMENS	BUG RATING	
■	26	A	SINGLE	0.77	SCV-LED-15L-UNV-50-WHT-IMSBT1 CANOPY MOUNTED AT 15FT	147	20948	14963	B5-U0-G1	
■●■	2	RELOCATED POLE TO BE RETROFITTED WITH PROPOSED LED	BACK-BACK	0.77	2-EALP-03-K5-SH-750 27FT POLE ON 3FT FOUNDATION	212	40600	29000	B5-U0-G3	
■●■	1	TIK5_30	3 AT 90 DEGREES	0.77	3-EALP-03-K5-SH-750 27FT POLE ON 3FT FOUNDATION	212	40600	29000	B5-U0-G3	
■●■	2	EXISTING SITE LED TO BE RELOCATED AND RETROFITTED	EXISTING	0.77	RETROFIT TO 2-EALP-03-K3-AW-750 27FT POLE ON 3FT FOUNDATION	212	40600	29000	B5-U0-G3	
■●■	1	EXISTING SITE LED TO REMAIN	EXISTING	0.77	ASSUMED TO BE 1-EALP-03-K3-AW-750 27FT POLE ON 3FT FOUNDATION	212	40600	29000	B5-U0-G3	

- NOTES:
- VOLTAGE FOR THE FUEL STATION SITE LIGHTING PACKAGE MAY BE DIFFERENT THAN SITE LIGHTING ASSOCIATED WITH THE STORE PARKING LOT. VERIFY AVAILABLE VOLTAGE PRIOR TO PURCHASE AND SHIPPING.
 - ARRANGEMENT LUMEN VALUE INCREASED BY VALUE OF 1.4 PER WALMART SITE LIGHTING DESIGN AND COORDINATION CRITERIA
 - INFORMATION OF EXISTING FIXTURES SHOWN ON SITE ARE UNKNOWN. EXISTING MOUNTING HEIGHT ESTIMATED TO BE 27' POLE ON 3' FOUNDATION.
 - B-U-G RATING COMPLIANT WITH 'B-U-G ALLOWABLE RATINGS' PER WALMART DESIGN AND COORDINATION CRITERIA
 - FIXTURE INFORMATION OF EXISTING FIXTURES IS UNAVAILABLE AND ASSUMED TO BE EALP-03-K5-SH-750 TO MATCH THAT OF PROPOSED FIXTURES TO MEET PHOTOMETRIC CRITERIA OF WALMART FUEL STATION.
 - WALL MOUNTED FIXTURES ON FUEL STATION BUILDING NOT SHOWN.
 - ONLY EXISTING POLES WITHIN OR NEAR PROPERTY LIMITS ARE SHOWN ON SITE PLAN. CONTRACTOR WILL SEE ADDITIONAL EXISTING POLES OUTSIDE PROJECT LIMITS ON SITE.
 - PROPERTY LINE EXTENDS PAST VIEWPORT LIMITS.

A SITE PHOTOMETRIC PLAN
1' = 20"

DATE

REVISIONS

No.

Kimley»Horn

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PRELIMINARY

NOT FOR CONSTRUCTION
Kimley»Horn
Kimley-Horn and Associates, Inc.

SCALE AS SHOWN
DESIGNED BY CO
DRAWN BY CO
CHECKED BY DA

SITE PHOTOMETRIC PLAN (APP C)

Walmart FUEL STATION
YUCCA VALLEY, CA STORE #1915
WAL-MART STORES, INC.
YUCCA VALLEY, CA

DATE
7/18/24

PROJECT NO.
094507747

SHEET NUMBER
PH1.0

