



L. SURROUNDING CONTEXT - WEST SIDE WALMART PARKING LOT I. SURROUNDING CONTEXT - N OF LONE TREE WY - SHOPS,



K. SURROUNDING CONTEXT - EAST SIDE WALMART PARKING LOT



J. SURROUNDING CONTEXT - NW CORNER OF LONE TREE WY AND LONE TREE LNDY - SHOPS



RESTAURANTS



H. SURROUNDING CONTEXT - NE OF LONE TREE WY AND HILLCREST AVE - ENTRANCE SHOPS, RESTAURANTS



G. SURROUNDING CONTEXT - N OF LONE TREE WY



F. SURROUNDING CONTEXT - E OF HILLCREST AVE - STREET VIEW ENTRANCE, SHOPS, RESTAURANTS



E. SURROUNDING CONTEXT - CORNER OF HILLCREST AVE AND WILLIAMSON RANCH PLAZA - STREET VIEW ENTRANCE, SHOPS, RESTAURANTS



D. SURROUNDING CONTEXT - NW CORNER OF HILLCREST AVE AND WILLIAMSON RANCH PLAZA



C. SURROUNDING CONTEXT - CORNER OF LONE TREE WY AND WILLIAMSON RANCH PLAZA - STREET VIEW



B. SURROUNDING CONTEXT - W OF WILLIAMSON RANCH PLAZA -RESTRAINT



A. SURROUNDING CONTEXT - NW OF WILLIAMSON RANCH PLAZA

## **SITE CONTEXT VIEWS**



CONTEXTUAL SITE MAP AND VIEWS

CS2

SITE MAP



03/25/22 DOCUMENT DATE: 06/15/22

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ISSUE BLOCK

CHECKED BY: DRAWN BY: PROTO CYCLE:

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ISSUE BLOCK

DOCUMENT DATE: 08/15/22

HRL PROTO CYCLE: 03/25/22

CHECKED BY: DRAWN BY:







N. SURROUNDING CONTEXT - PROPOSED EXPANSION LOCATION



M. SURROUNDING CONTEXT - MAIN STREET ENTRANCE TO WALMART PARKING LOT

## SITE CONTEXT VIEWS

SHEET: CS3

CONTEXT PHOTOS

ARCHITECT OF RECORD: MARIAN B, MYYR MARIAN B, MYYR MITE 200 WWW.MYRCH.COM The State And State MYRC AND ARK, KE 66204 WWW.MYRCH.COM The State And State Factors and State Facto

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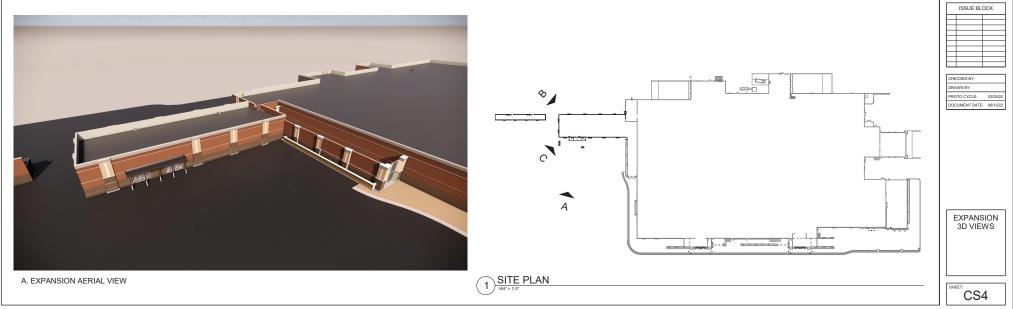


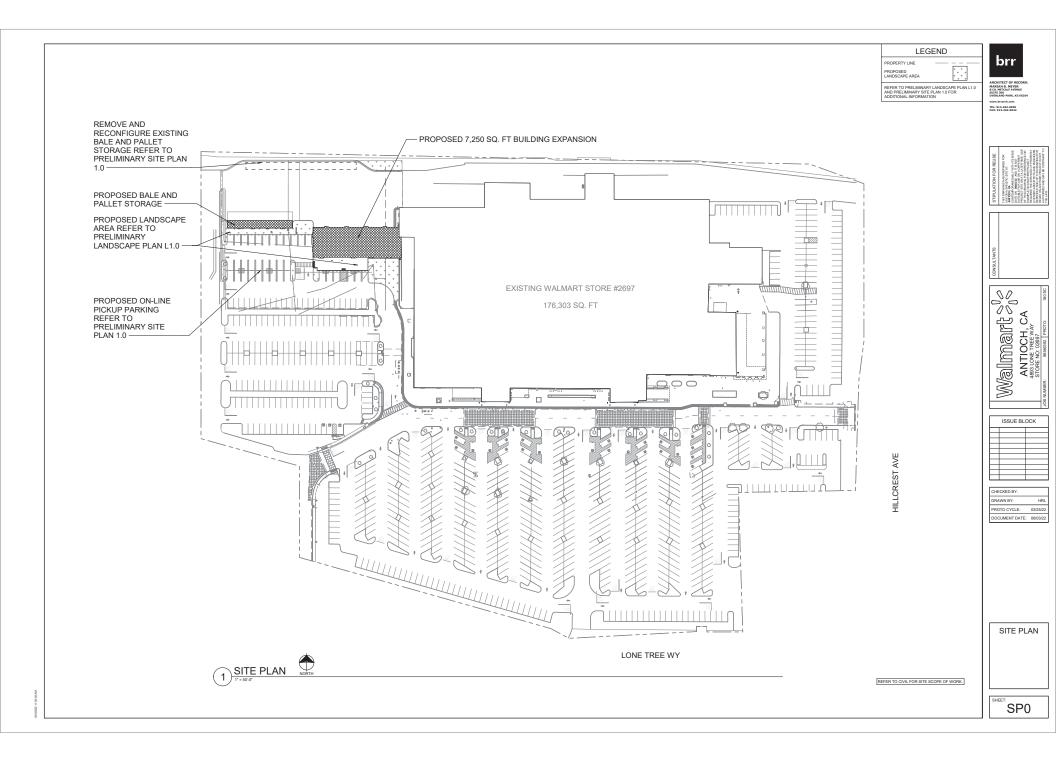


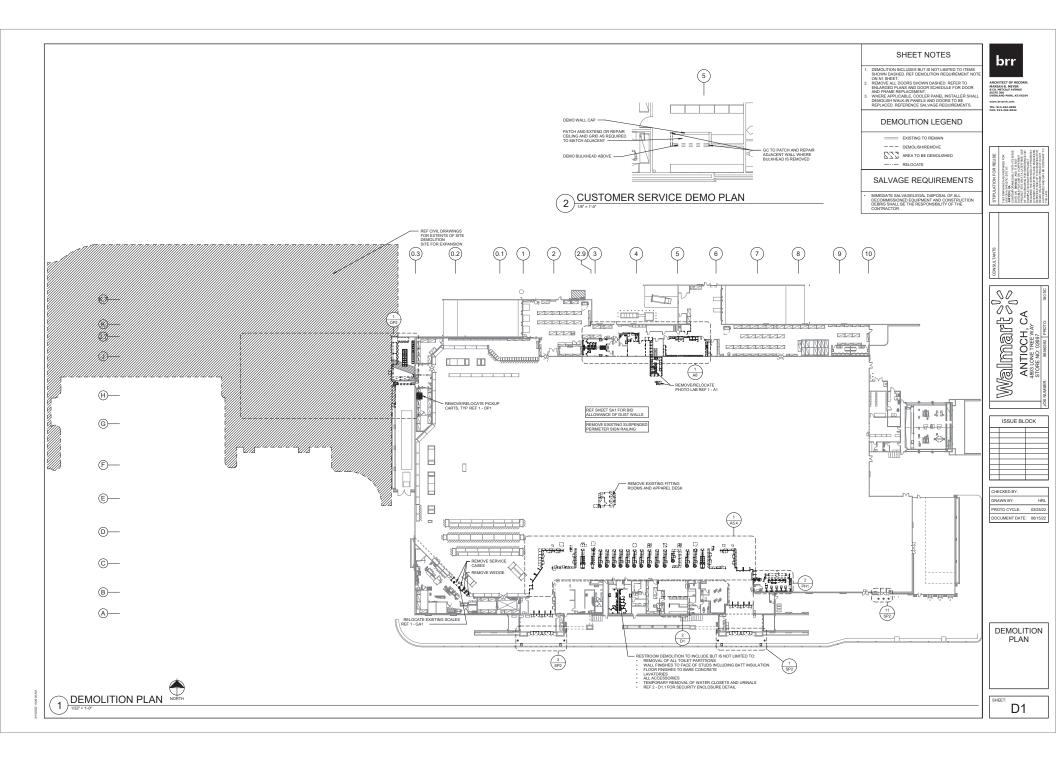
C. EXPANSION FRONT VIEW

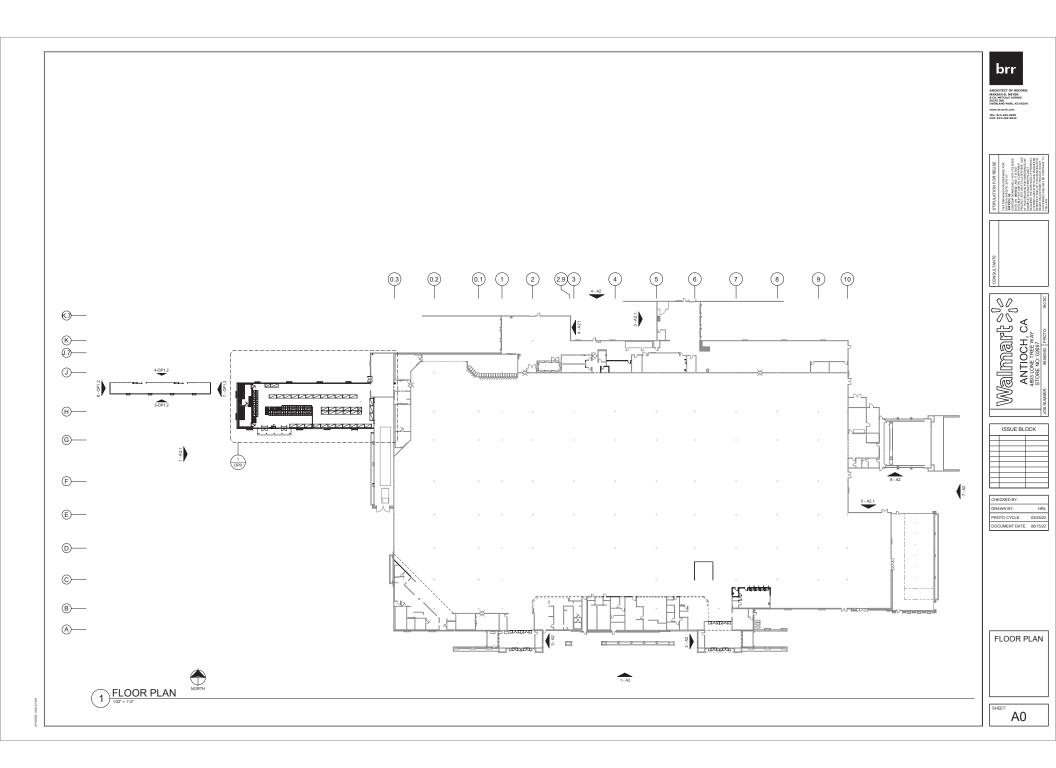
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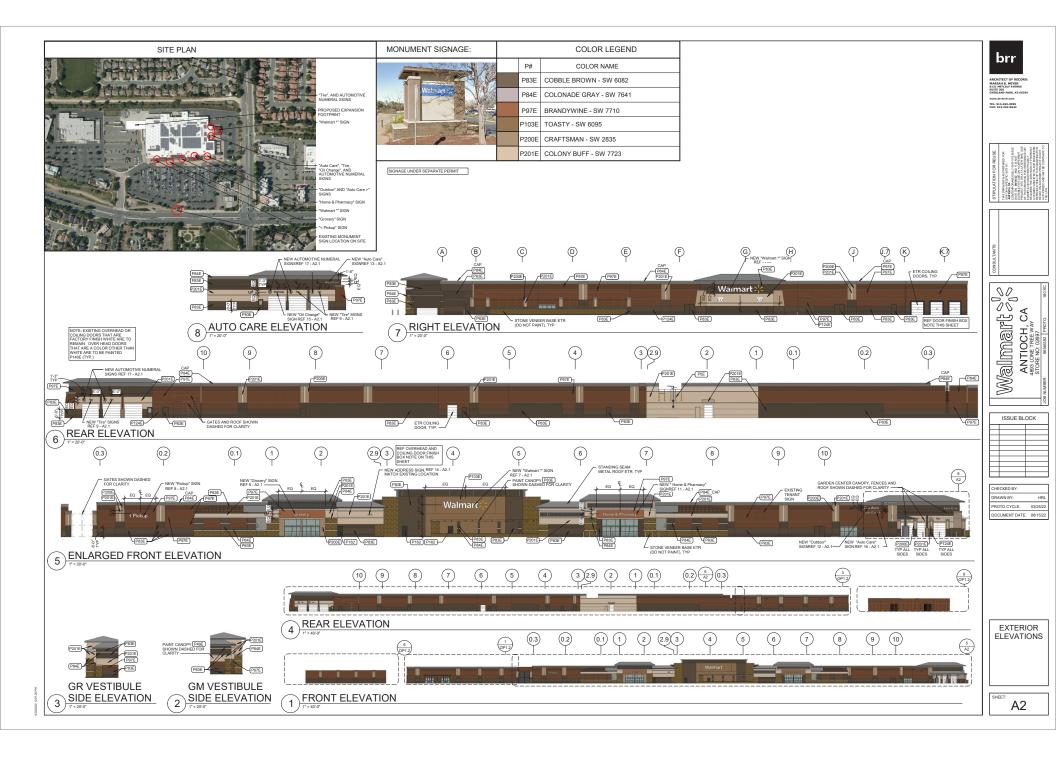
B. EXPANSION REAR VIEW

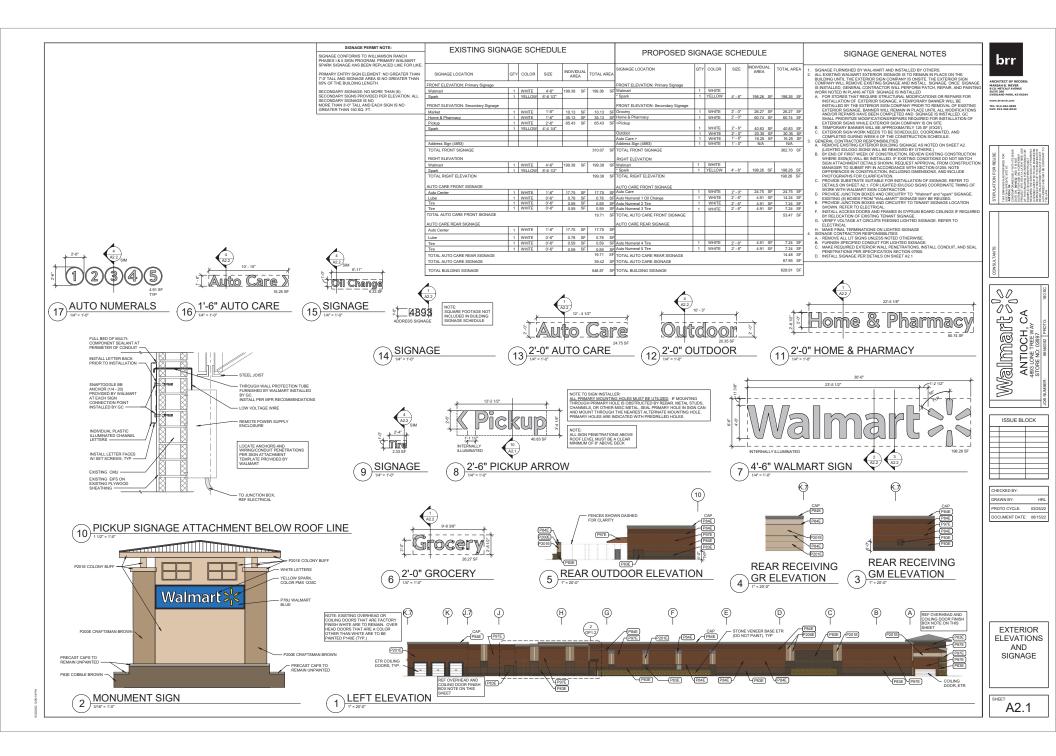


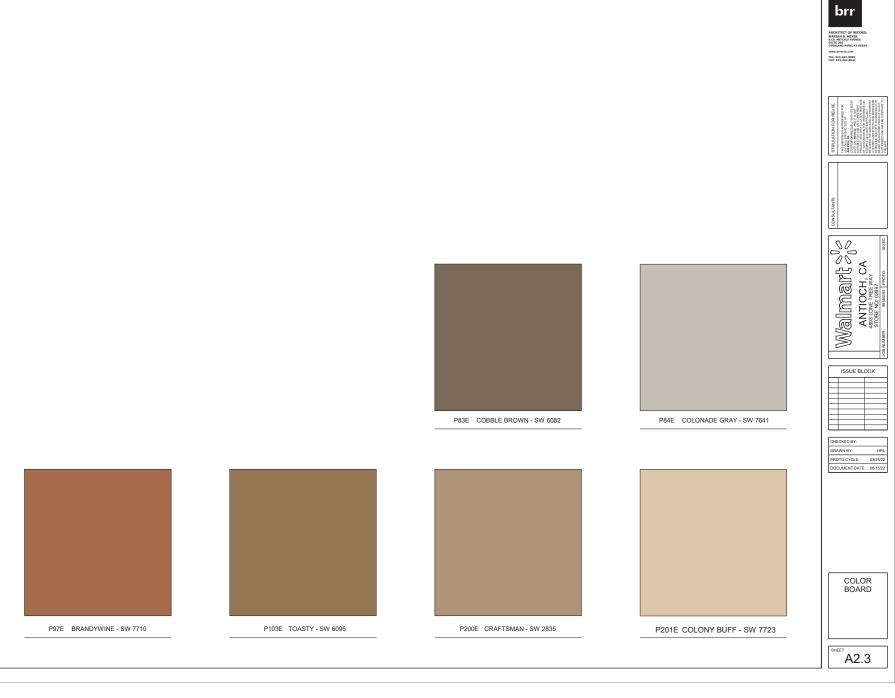


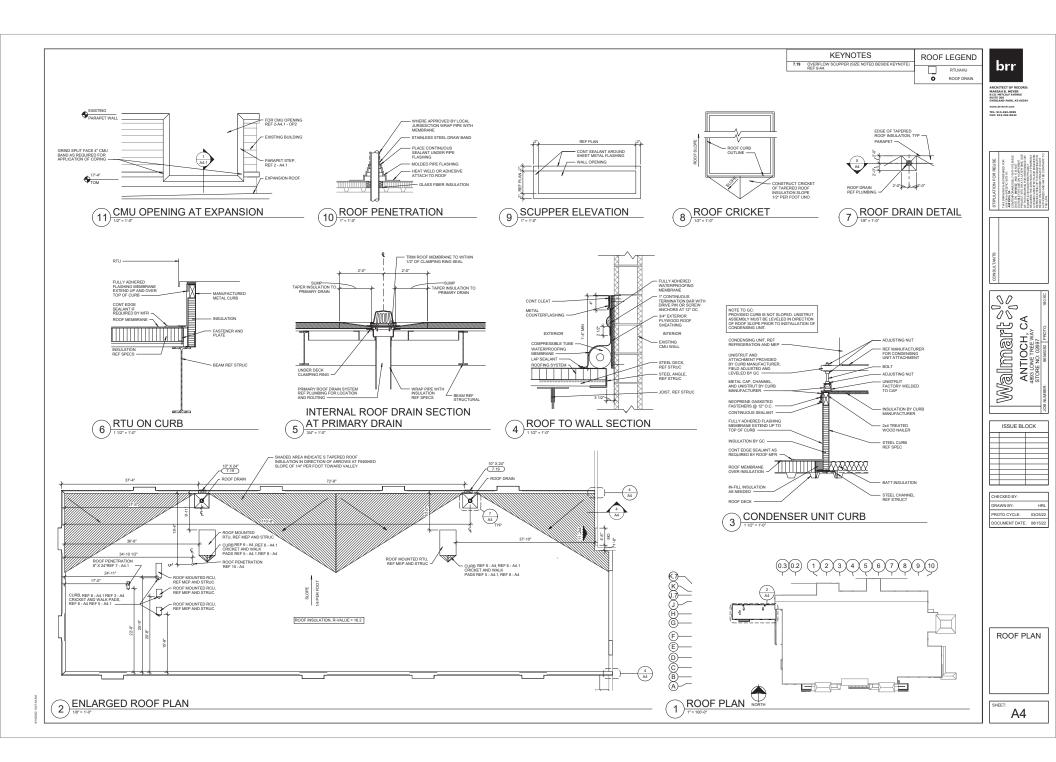


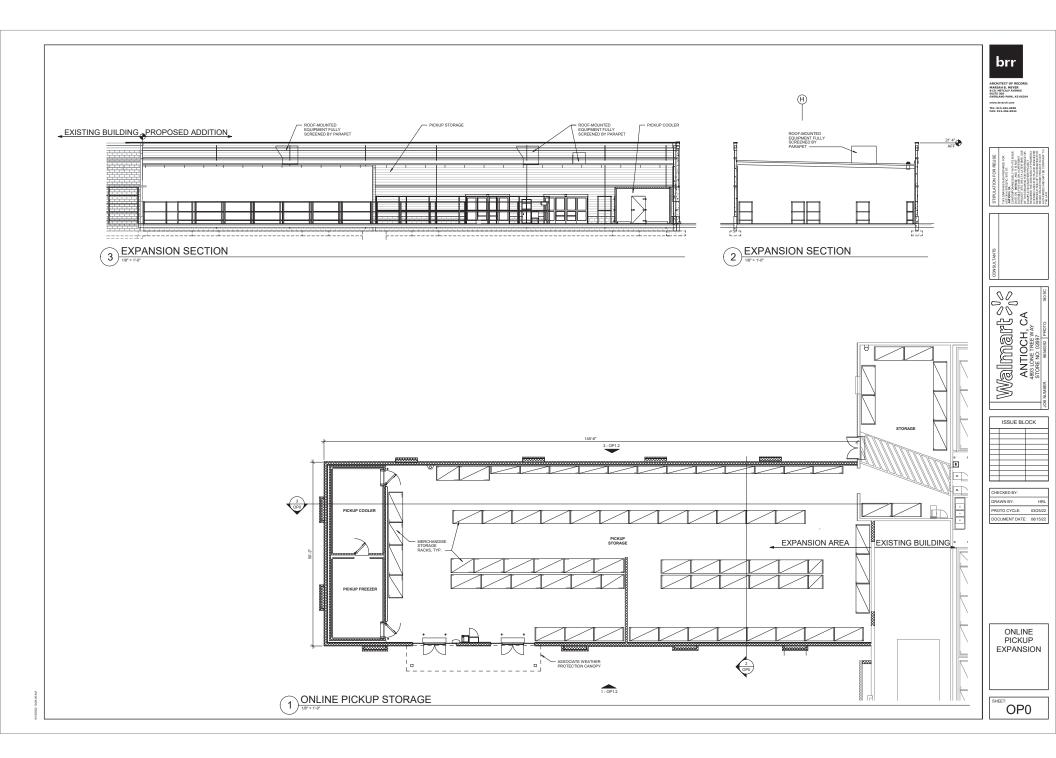


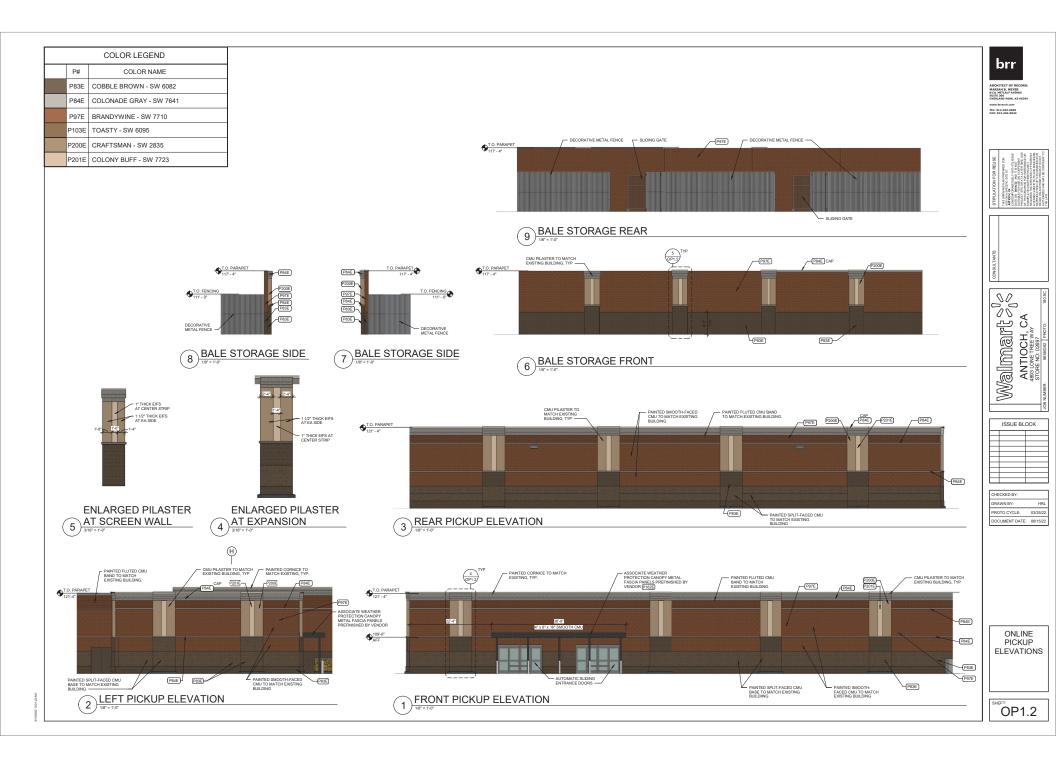


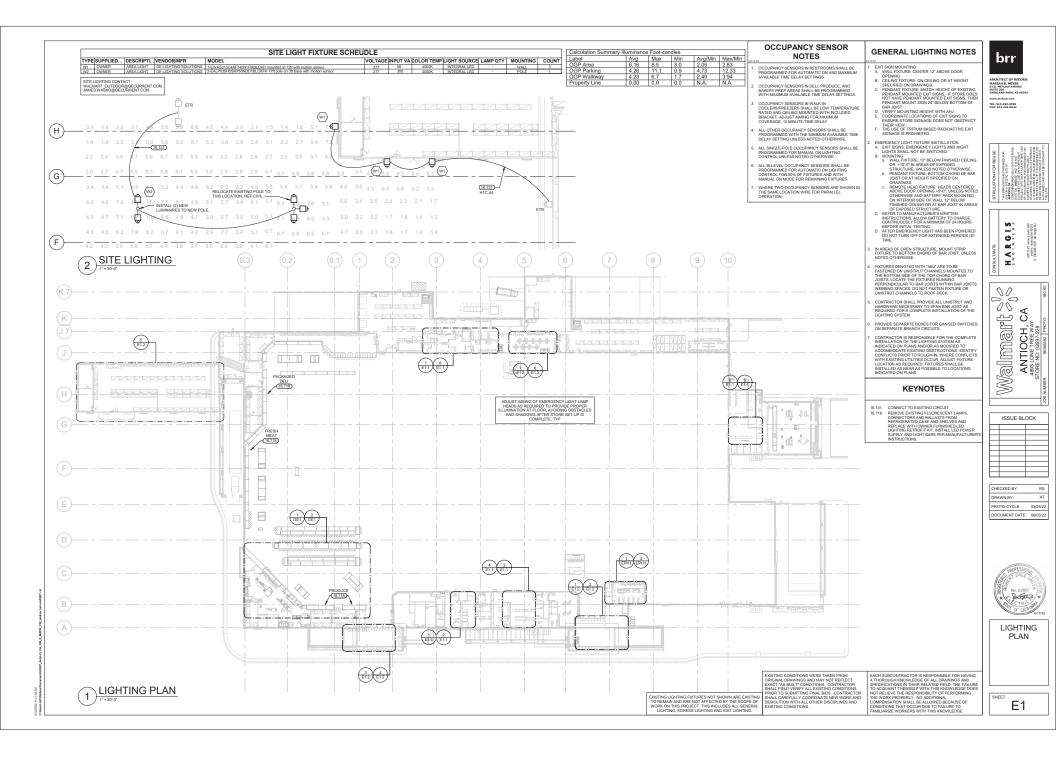


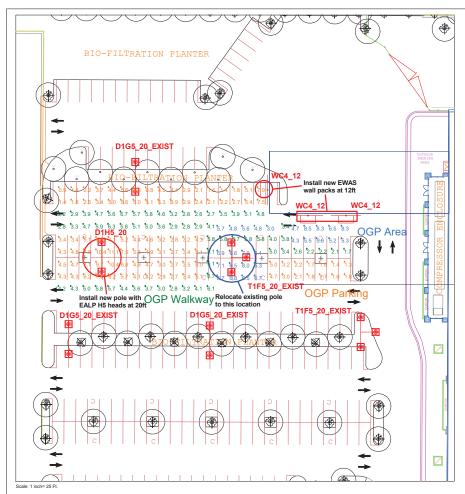












L85 = OPERATING HOURS AT WHICH AN AVERAGE OF 15% OF INITIAL LUMENS HAVE BEEN LOST IN A TESTED POPULATION OF LED PLATFORMS. THE POPULATION STILL EMITS 85% OF INITIAL LUMENS. THE LUMINAIRE HAS NOT FAILED. IT IS STILL OPERATING WITH A REDUCED LIGHT OUTPUT.

L93 = OPERATING HOURS AT WHICH AN AVERAGE OF 8% OF INITIAL LUMENS HAVE BEEN LOST IN A TESTED POPULATION OF LED PLATFORMS. THE POPULATION STILL EMITS 93% OF INITIAL LUMENS. THE LUMINAIRE HAS NOT FAILED. IT IS STILL OPERATING WITH A REDUCED LIGHT OUTPUT.

L96 = OPERATING HOURS AT WHICH AN AVERAGE OF 4% OF INITIAL LUMENS HAVE BEEN LOST IN A TESTED POPULATION OF LED PLATFORMS. THE POPULATION STILL EMITS 96% OF INITIAL LUMENS. THE LUMINAIRE HAS NOT FAILED. IT IS STILL OPERATING WITH A REDUCED LIGHT OUTPUT.

IN COMPARISON, NON-LED LUMINAIRES ARE RATED WITH MEAN LUMENS MEASURED AT 40-50% OF RATED LIFE, DEPENDING ON TECHNOLOGY, AND RATED LIFE OF B50, WHERE B50 = OPERATING HOURS AT WHICH 50% OF A TESTED POPULATION OF LAMPS HAVE FAILED.

PROPERTY LINES BASED OFF PROVIDED LIGHTING RETROFIT SURVEY AND GOOGLE EARTH PRO. CALCULATION AREAS TREATED AS OPEN AND EMPTY. NO TREES ARE CONSIDERED IN THE DESIGN, ACTUAL VALUES MAY VARY FROM CALCULATED VALUES SHOWN ARE AT 5000H OVER 158, 139, & LIB RATING (-12 YEARS)@ (21 FRAST)

## Notes:

This is a remodel request for the OGP area on a site that has already been retrofit to LED fixtures in 2013 Material with "exist" label is already installed on site and is included here as light contribution only All other material is what is being added to increase the lighting in the OGP Pick up area per request

Calculation Summary Illuminance Foot-candles								
Label	Avg	Max	Min	Avg/Min	Max/Min			
OGP Area	6.16	8.5	3.0	2.05	2.83			
OGP Parking	4.26	11.1	0.9	4.73	12.33			
OGP Walkway	4.23	6.7	1.7	2.49	3.94			
Property Line	0.00	0.0	0.0	N.A.	N.A.			

GE Current Luminaire Schedule EXISTING MATERIAL												
Project: Existin	g Materi	ial										
Symbol	Qty	Label	Arrangement	LLF	Description Arr. Watts Arr. Lum. Lum		Arr. Lum. Lumens	nens BUG Rating		[MANUFAC]		
<del>8</del>	3	D1G5_20_EXIST	BACK-BACK	0.765	2-EASA5G5N5579CBLCKD2F 17ft pole on 3ft base	472	39200 B4		-U0-G2 GE LIGH		ING	
E I	2	T1F5_20_EXIST	3 @ 90 DEGREES	0.765	3-EASA5F5N5579CBLCKD2F 17ft pole on 3ft base	597	49500 B4		B4-U0-G2 GE LIG		ING	
GE Current Lu	minaire \$	Schedule			ADDITIONAL MATERIA	L						
Project: New Material												
Symbol	Qty	Label	Arrangement	LLF	Description			Watts	Arr. Lum. Lumens		BUG Rating	[MANUFAC]
þ	3	WC4_12	SINGLE	0.837	1-EWAS010C4AF740N1FMBLCKH mounted at 12ft with motion sensor				7500		B1-U0-G2	GE LIGHTING
<del>©</del>	1	D1H5_20	BACK-BACK	0.864	2-EALP035H5SM750NDD1BLCKFH 17ft pole on 3ft base with motion sensor				40000		B4-U0-G2	GE LIGHTIN

THIS IS A D SIZE SHEET. THE NOTED SCALE IS NOT VALID IF PRINTED AS ANY OTHER SIZE

Walmart #2697 Antioch, CA OGP

Designer: CS/Joshua Watkins

Date:6/10/2022 GE Drawing #:

Daintree company

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