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**SITE INFORMATION**

APN: 220-18-002  
 JURISDICTION: SANTA CLARA, CA  
 CURRENT ZONING: (ON NEIGHBORHOOD COMMERCIAL)

**SITE AREA:** 10,544 SF. (0.426 AC)

**TOTAL LANDSCAPE AREA:**

- (N) LANDSCAPE: 3,486 SF. (0.83 N)
- (N) LANDSCAPE: 5,050 SF. (21.23 N)
- (N) CONVENIENCE STORE: 1,602 SF.
- (N) CARWASH TUNNEL: 642 SF.
- (N) CARWASH EQUIPMENT ROOM: 244 SF.
- (N) FUELING CANOPY: 2,556 SF.
- (E) BUILDING UNDER CANOPY TO BE DEMOLISHED: 1,502 SF.
- (E) FUELING CANOPY TO BE DEMOLISHED: 5,044 SF.

**PARKING REQUIREMENTS:**

**CONVENIENCE STORE:**  
 (1 SPACE PER 200 SF) / (602 SF. / 200 = ) 3 SPACES

**PARKING REQUIRED:** 0 SPACES

**PARKING PROVIDED:**

- STANDARD PARKING STALLS (7'x15'): 1 SPACE
- VACUUM PARKING STALL (8'x10'): 1 SPACE
- AIR & WATER PARKING STALL (8'x20'): 1 SPACE
- ACCESSIBLE PARKING STALL (17'x20'): 4 SPACES
- FUEL POSITIONS (8'x30'): 4 SPACES

**TOTAL PARKING PROVIDED:** 0 SPACES

**SITE PLAN LEGEND**

- NEW LANDSCAPING
- NEW CONCRETE PAVING
- 4 FT. WIDE (MIN) ACCESSIBLE ROUTE OF TRAVEL, SHALL NOT EXCEED 5% SLOPE IN THE DIRECTION OF TRAVEL AND 2% CROSS SLOPE
- BIO PLANTER, SEE CIVIL DWGS.
- EXISTING TO REMAIN
- EXISTING CURB TO REMAIN
- NEW CONCRETE CURB

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 CELL: (925) 624-6100  
 MR. RICHARD GARDIELLA

**VICINITY MAP**



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SITE PLAN

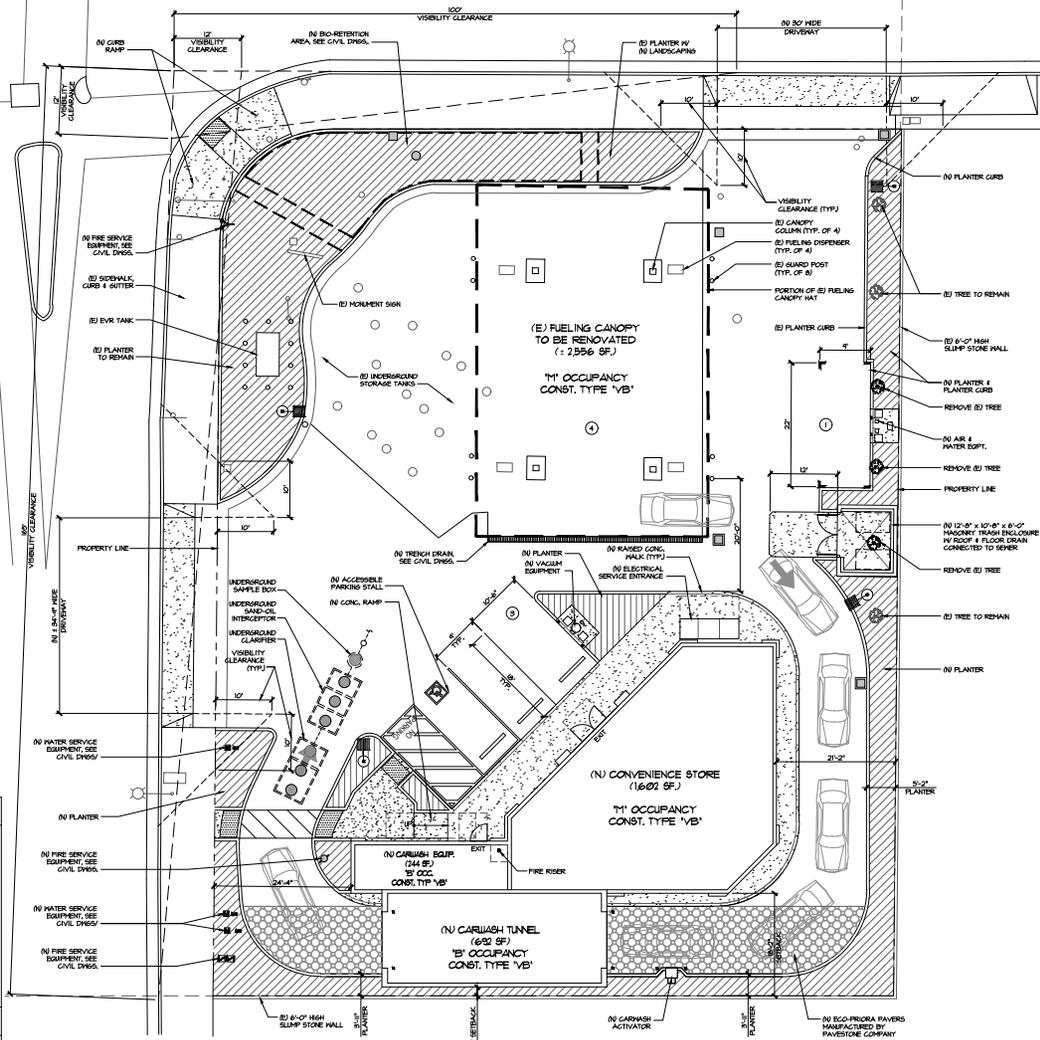
PROJECT NO. 22-14501  
 DRAWN BY: \_\_\_\_\_ CHECKED: M1  
 SCALE: AS NOTED DATE: 10-10-23

**SD1**

SHEET OF

**MONROE STREET**

**LAWRENCE EXPRESSWAY**



**NOTE:**  
 PER THE ENVIRONMENTAL NOISE ASSESSMENT, PREPARED BY BOLLARD ACOUSTICAL CONSULTANTS, INC., DATED FEBRUARY 6, 2023 THE BOLLARD (RED) IS SOFTGLASS (S) ON BOARD DRY. THE MITIGATION MEASURE REQUIRED (S) IS OF THE INTERIOR WALLS & CEILING OF THE CARWASH TUNNEL TO BE LINED W/ SOUND ABSORPTIVE MATERIAL, AS INDICATED IN THE AFOREMENTIONED ENVIRONMENTAL NOISE ASSESSMENT.

**CODE ANALYSIS**

CONVENIENCE STORE (SPRINKLED): M OCCUPANCY, TYPE V-B  
 CARWASH TUNNEL, CARWASH EQUIP. (SPRINKLED): B OCCUPANCY, TYPE V-B  
 FUEL CANOPY (NON-SPRINKLED): M OCCUPANCY, TYPE V-B  
 FIRE SPRINKLER PROTECTION & SPRINKLER MONITORING FIRE ALARM SYSTEM IS REQUIRED

**APPLICABLE CODES**

CBC 2022  
 CMC 2022  
 CPC 2022  
 CEC 2022  
 CFC 2022

CA. GREEN BUILDING STANDARDS CODE (CALGREEN) 2022  
 CA. ENERGY CODE 2022  
 CALIFORNIA CODE OF REGULATIONS, TITLE 19 CALIFORNIA CODE OF REGULATIONS, TITLE 23  
 2010 ADAAG  
 CITY OF SANTA CLARA MUNICIPAL CODE

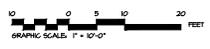
**OCCUPANCY & EXIT CALCULATIONS**

CONVENIENCE STORE	SALES AREA:	1,020 SF. / 60 +	17 OCCUPANTS
STORAGE/UTILITY/OTHER:	431 SF. / 300 +	2 OCCUPANTS	
WALK-IN COOLER & FREEZER:	198 SF.	0 OCCUPANT	
<b>CARWASH BUILDINGS</b>			
CARWASH TUNNEL:	642 SF. +	0 OCCUPANT	
CARWASH EQUIPMENT:	244 SF. / 300 +	1 OCCUPANT	
<b>TOTAL OCCUPANTS:</b>			<b>20 OCCUPANTS / 41</b>
<b>TOTAL EXITS REQUIRED:</b>			<b>20 OCCUPANTS / 41</b>
<b>TOTAL EXITS PROVIDED:</b>			

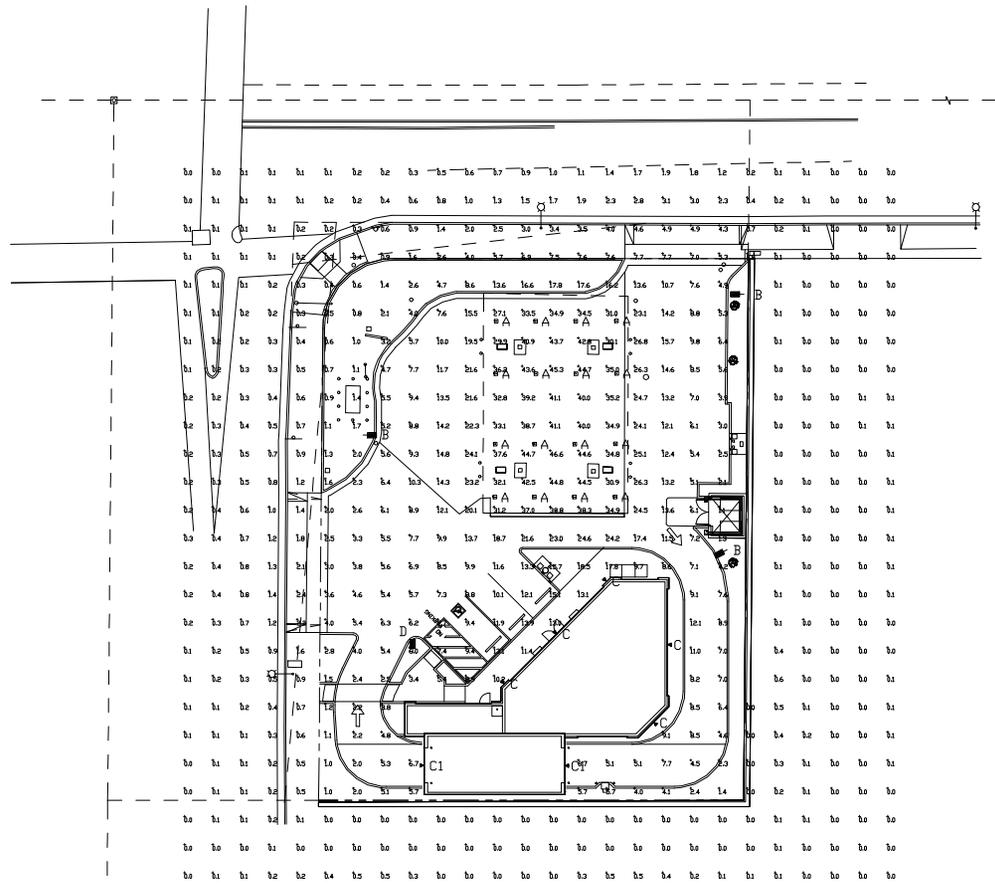
**OCCUPANCY CALCULATIONS (TABLE 504.3, 504.4 & 506.2)**

OCCUPANCY	AREA OCCUPANT SQ. FT.	FIRE SPRINKLERS (TYPE V-B)	ALLOWABLE AREA	# OF STORES	HEIGHT	ALLOWABLE AREA RATIO	BUILDING HEIGHT
CARWASH BUILDING 'B'	436	YES	436 / 36,000	1	40 FT.	0.226	17'-6"
FOOD MART 'M'	1556	YES	1556 / 36,000	1		0.043	20'-0"
CANOPY	2556	NO	2556 / 10,000	1		0.26	16'-4 1/2"
<b>TOTAL</b>	<b>5,050</b>					<b>0.344</b>	<b>(OK)</b>

**1 SITE PLAN**  
 SCALE: 1" = 10'-0"



SITE PLAN CONFORMS TO FIRE DEPARTMENT STANDARD CONDITIONS



Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ALL CALC POINTS	Illuminance	Fc	5.68	46.6	0.0	N/A	N/A
CANOPY	Illuminance	Fc	37.82	46.6	27.1	1.40	1.72
CAR WASH LANE	Illuminance	Fc	7.22	12.1	2.3	3.14	5.26
INSIDE CURB	Illuminance	Fc	11.24	26.8	2.1	5.35	12.76

Symbol	Qty	Label	Arrangement	Description	Mounting Height	LLD	LLF	Arr. Lum. Lumens	Arr. Watts
□	16	A	Single	CRUS-SC-SS-50-DIMMED TO 70%	14'-6"	1000	0.700	13980	93
■	3	B	Single	SLM-LED-18L-SIL-4-50-IL-70CRI-SINGLE	18" POLE +2" BASE	1000	1.000	12011	135
◀	5	C	Single	XWM-FT-LED-06L-50	10'-6"	1000	1.000	6557	47
▶	2	C1	Single	XWM-FT-LED-06L-50	11'-3"	1000	1.000	6557	47
■	1	D	Single	SLM-LED-18L-SIL-4-50-70CRI-SINGLE	18" POLE +2" BASE	1000	1.000	18506	135

**PHOTOMETRIC EVALUATION  
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Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions. This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with the Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamp/LED's and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature notes does not include mounting hardware or poles. This drawing is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.

Total Project Watts  
Total Watts = 2207

**SD1-L**



LIGHTING PROPOSAL LD-158610-4A

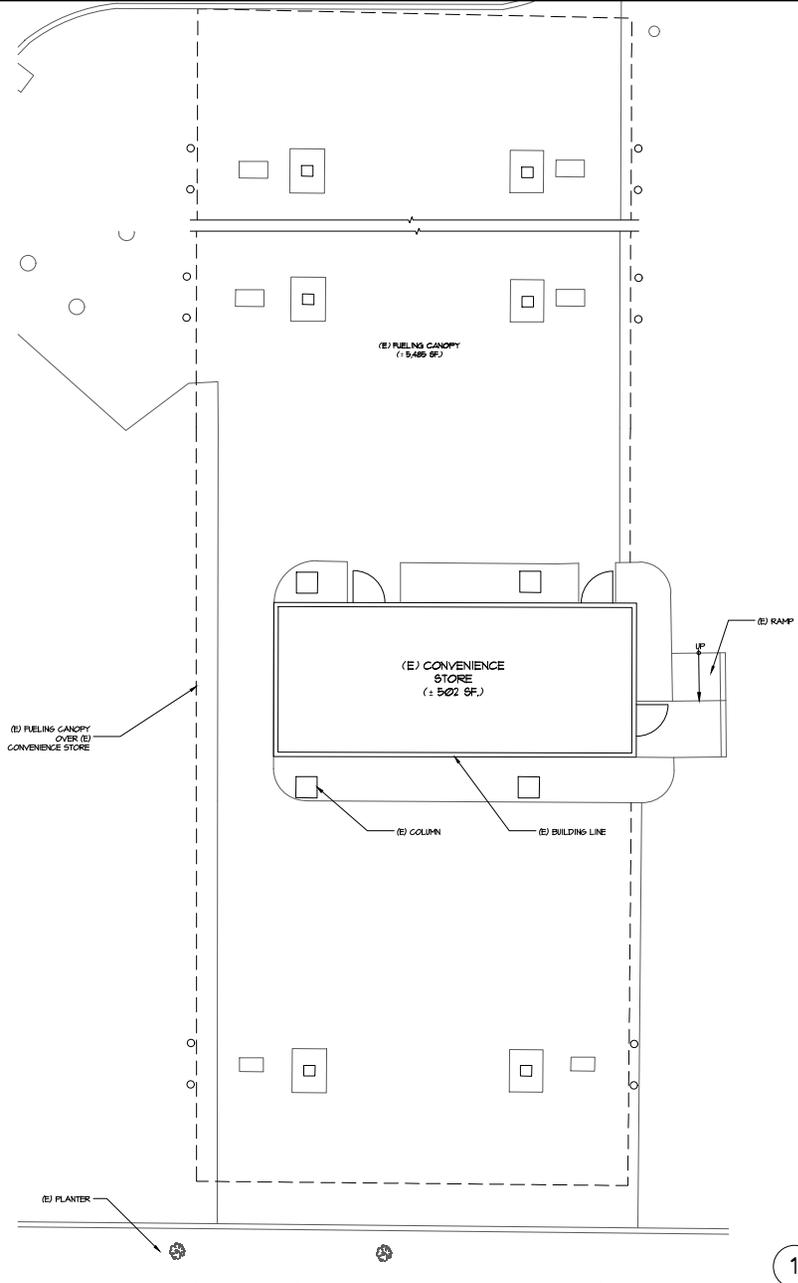
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SIDE LANEWAY EXPRESSWAY  
SANTA CLARITA

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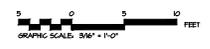
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**1** EXISTING FLOOR PLAN  
SCALE: 3/16" = 1'-0"



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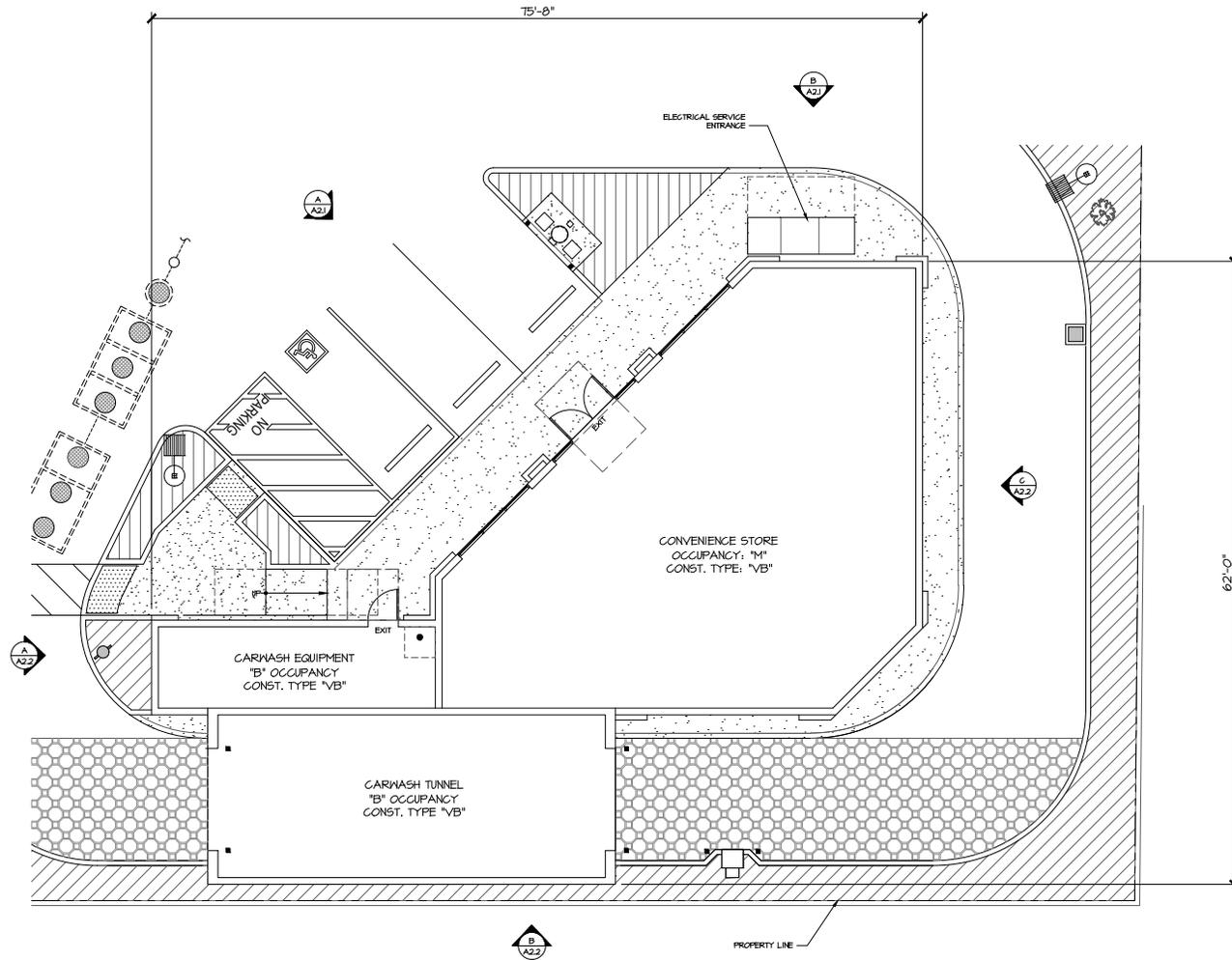
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EXISTING FLOOR PLAN

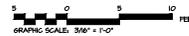
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**1 PROPOSED FLOOR PLAN**  
SCALE: 3/16" = 1'-0"



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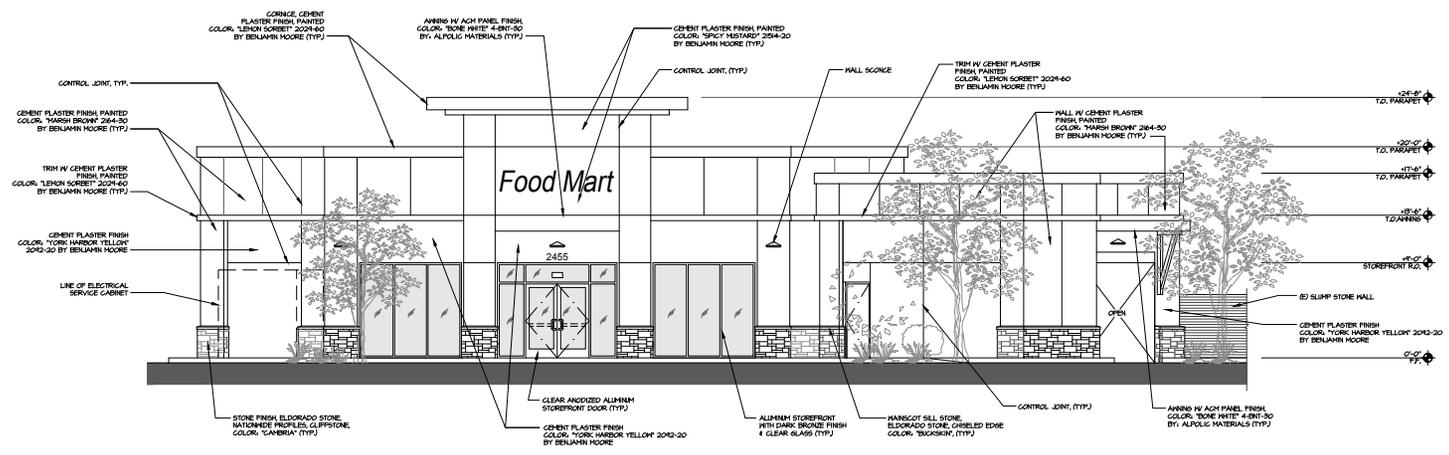
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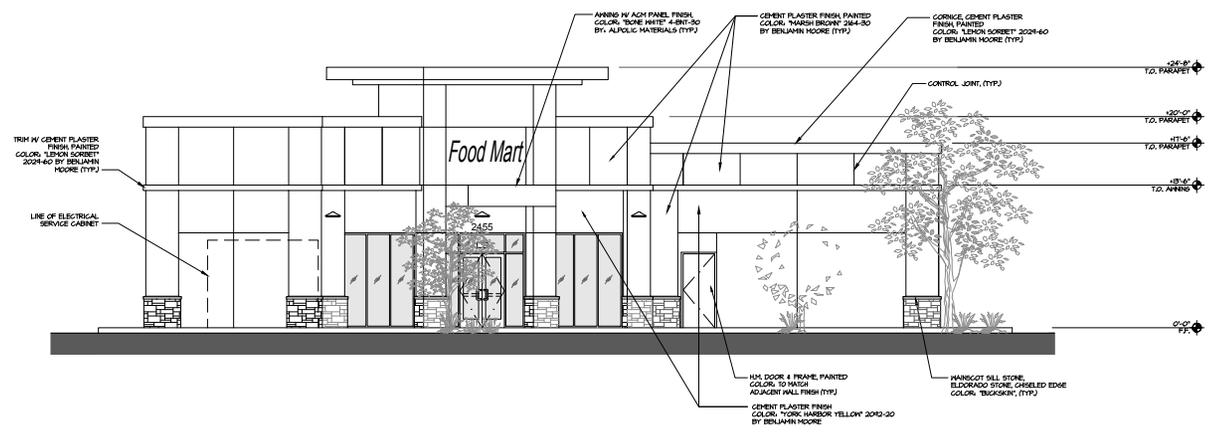
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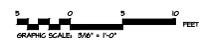
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**A** NORTHWEST ELEVATION  
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**B** NORTH ELEVATION  
 3/16" = 1'-0"



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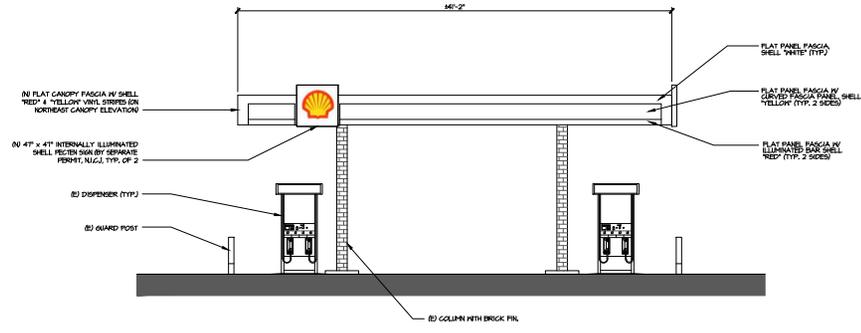
EXTERIOR ELEVATIONS

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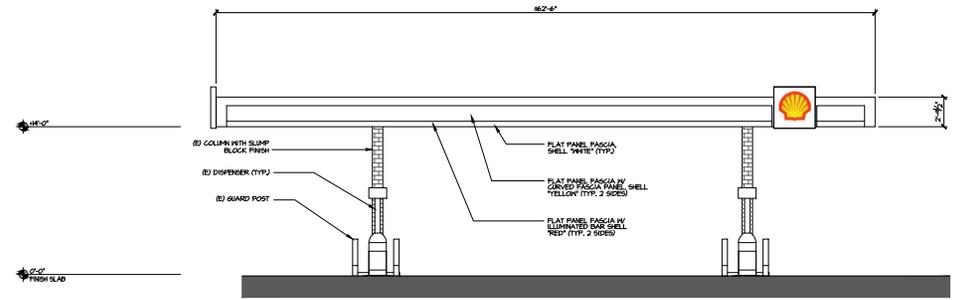
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**A NORTH ELEVATION**  
3/16" = 1'-0"



**B WEST ELEVATION**  
3/16" = 1'-0"



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CANOPY ELEVATIONS

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CHECKED BY	MI
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**CA1**

SHEET 01