

# BETTERAVIA CHEVRON

## & CAR WASH

SANTA MARIA, CALIFORNIA 93454



K12 Architects, Inc  
3090 Fite Circle, #104  
Sacramento, CA 95827  
PH:(916) 455-6500 FAX:(916) 455-8100

CONSULTANTS:

CONTRACTOR:

PROJECT:

**BETTERAVIA  
CHEVRON**

**CONVENIENCE STORE,  
FUELING CANOPY & CAR  
WASH**

**Betteravia Road,  
Santa Maria, California 93454**

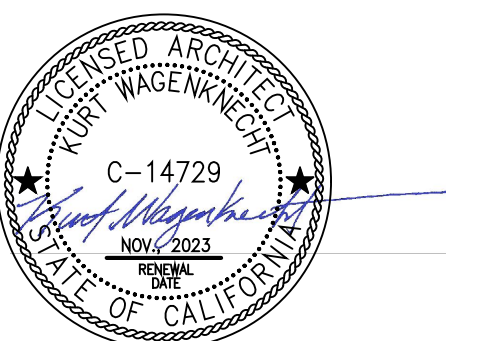
DEVELOPER:

**KAUTZ  
1284 N. GRAND AVE  
GROVER BEACH, CA 93433**

REVISIONS:

DESIGN REVIEW CHANGES 3-31-22

PROFESSIONAL SEALS:



PROJECT NUMBER: **20-041** PROJECT DATE: **09-17-21**

SHEET CONTENTS:

**COVER SHEET**

SHEET NUMBER:

**A001**

### CONSULTANTS

#### CIVIL

**BETHEL ENGINEERING**  
2624 Airpark Dr  
Santa Maria, CA 93455  
P: (805) 934-5767  
Contact: Russ Garrison

#### LANDSCAPING:

**PLEINAIRE**  
3203 Lightening Street, Suite 201  
Santa Maria, CA 93455  
P: (805) 349-9695  
Contact: Kevin Small

### PLANNING NOTES

- 1 PROVIDE A 6' SOUNDWALL ON THE NORTH PROPERTY LINE. PER OUR SOUND REPORT WE WILL HAVE A 7' HIGH CMU WALL.
- 2 THERE IS A RECIPROCAL ACCESS AND PARKING EASEMENT OVER THE PARKING AND DRIVE AREAS OF THE SITE PER TR2016-0007.
- 3 A PEDESTRIAN EASEMENT SHALL BE ESTABLISHED OVER THE SIDEWALK AND TRAIL PEDESTRIAN CONNECTIONS AS DEPICTED ON THIS LOT, IN A RECORDABLE FORMAT TO THE SATISFACTION OF THE CITY.
- 4 CAR WSH AND VACUUMS HOURS OF USE SHALL BE 8AM TO 7PM DAILY.
- 5 CONSTRUCTION HOURS: CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO THE HOURS OF 7:00 AM TO 6:00 PM, MONDAY THRU FRIDAY, AND 8:00 AM TO 5:00 PM ON SATURDAYS. A NOTE OF THIS SHALL APPEAR ON THE RECORDABLE MAP.
- 6 SERVICE STIONS ARE SUBJECT TO SANTA BARBARA COUNTY AIR POLLUTION CONTROL DISTRIC PERMITTING INCLUDING AND AUTHORITY TO CONSTRUCT (ATC) PERMIT, PRIOR TO BUILDING PERMIT ISSUANCE..

### PROJECT DATA

ASSESSOR'S PARCEL NUMBER(S): 117-990-005  
ZONING: PD/C-2  
PROJECT SITE AREA (GROSS): (2.9 ACRES) 126,324 S.F.

#### BUILDING DATA:

STRUCTURE	CBC OCCUP.	TYPE OF CONST.	AREA
CONVENIENCE STORE	M	VB	6,100 S.F.
2ND FLOOR- OFFICE/STORAGE	B	VB	1,777 S.F.
CAR WASH	B	VB	2,602 S.F.
QSR	A-2	VB	2,500 S.F.
FUELING CANOPY	M	IIB	7,070 S.F.
EVC CANOPY	U	IIB	2,160 S.F.
VACUUM CANOPY	U	IIB	2,160 S.F.

#### FLOOR TO AREA RATIO:

TOTAL AREA OF SITE: 126,324 S.F.  
TOTAL AREA OF BLDGS: (W/O CANOPY) (8.9%) 11,202 S.F.  
TOTAL AREA OF BLDGS: (W/ CANOPY) (17.8%) 22,592 S.F.

#### PARKING DATA:

BUILDING AREA	PARKING RATIO	REQ'D.
CONVENIENCE STORE		(1:210) = 37
CAR WASH	(1:310 + 3SPACES/SERVICE BAY)	= 0
QSR	10 + 1 PER 105 SF OVER 1,000 -3)	= 21
TOTAL REQ'D PARKING		= 58
BICYCLE	(5% OF REQ. PARKING)	= 4
PARKING PROVIDED		
REGULAR SPACES		= 34
ACCESSIBLE SPACES		= 2
EV CHARGING		= 9
CLEAN AIR		= 2
FUEL ISLAND PARKING		= 20
VACUUM		= 8
TOTAL		= 75
BICYCLE		= 12

### BUILDING CODED ANALYSIS

DESIGN CODE: 2019 EDITION OF : CBC, CFC, CMC, CPC, CEC, CGBSC, CA ENERGY CODE

OCCUPANCY AND BUILDING USE: GROUP 'M' (MERCANTILE)

TYPE OF CONSTRUCTION: VB

NUMBER OF STORIES: 2 ALLOWED / 1 SHOWN FOR ALL 4 STRUCTURES.  
CONVENIENCE STORE HAS 1,777 SF OF SECOND FLOOR OFFICE/STORAGE

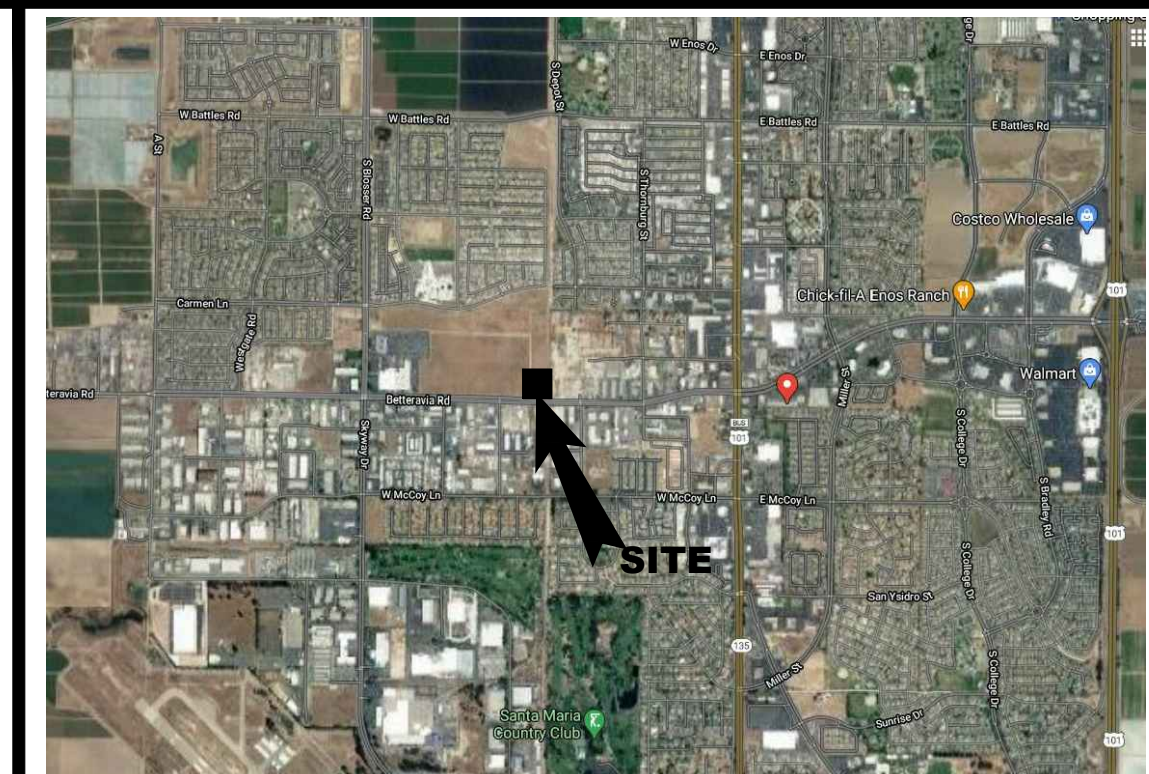
BUILDING HEIGHT ALLOWED (PER 12-13.09) : 70 FT

BUILDING AREA ALLOWED (PER CBC SEC. 506.2 NONSPRINKLERED)

GROUP M, TYPE VB: 9,000 SF  
GROUP A-2, TYPE VB: 6,000 SF  
GROUP B, TYPE VB: 9,000 SF  
GROUP M, TYPE IIB: 12,500 SF

HIGH FIRE HAZARD SEVERITY ZONE: NO  
SEISMIC JOINTS: NO  
EMERG. RESPONDER RADIO COVERAGE: NO

### VICINITY MAP



SCALE: N.T.S.



### DRAWING INDEX

#### ARCHITECTURAL

A001 COVER SHEET  
A101 SITE PLAN  
A102 AUTO-TURN PLAN  
A103 TRASH ENCLOSURE DETAILS  
A104 CAR WASH PAY STATION CANOPY  
A105 VACUUM EQUIPMENT ROOM  
A106 LIGHTING CUT SHEETS  
A107 SITE PHOTOMETRIC

#### LANDSCAPING

CLP-01 CONCEPTUAL LANDSCAPE PLAN  
CLP-02 PLANT IMAGERY

#### CIVIL

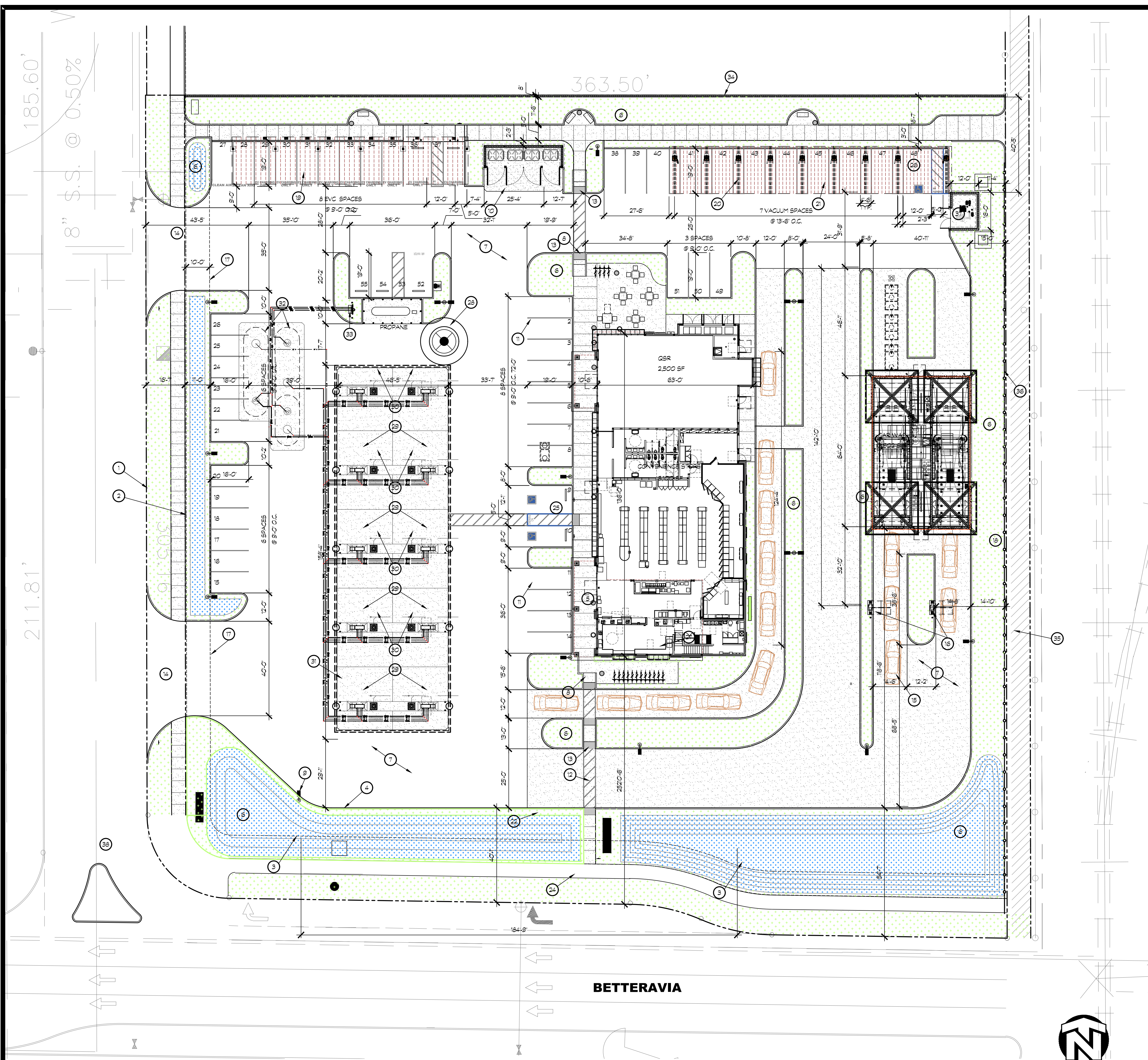
C1 GRADING PLAN

A201 C STORE FLOOR PLANS  
A202 CAR WASH FLOOR PLAN  
A301 C STORE EXTERIOR ELEVATIONS  
A302 C STORE EXTERIOR ELEVATIONS  
A303 CAR WASH EXTERIOR ELEVATIONS  
A304 CAR WASH EXTERIOR ELEVATIONS  
A305 VACUUM CANOPY ELEVATIONS  
A306 EVC CHARGING CANOPY

A801 FUEL CANOPY PLAN  
A802 FUEL CANOPY REFLECTED CEILING PLAN  
A803 FUEL CANOPY ELEVATIONS

### SCOPE OF WORK

THE PROJECT INCLUDES A NEW CONVENIENCE STORE, AUTOMOTIVE FUELING, CAR WASHES, AND QSR. THE SITE IMPROVEMENTS WILL INCLUDE 8- COVERED VACUUMS, 9- COVERED ELECTRICAL VEHICAL CHARGERS (5 ARE FUTURE), PROPANE SALES. THERE IS OUTSIDE DINING, PEDESTIAN PATH WITH SEATING, AND BIKE PARKING.



**SITE PLAN KEYNOTES**

- 1 PROPERTY LINE
- 2 SETBACK
- 3 MONUMENT SIGN, BY OWNER
- 4 6" HIGH CONCRETE CURB
- 5 CONCRETE WALK
- 6 LANDSCAPING, SEE LANDSCAPING DRAWINGS
- 7 A/C PAVING
- 8 ACCESSIBLE CURB RAMP
- 9 SITE YARD LIGHT, WITH CONCRETE BASE SHALL HAVE A DRY SACK FINISH, TYPICAL
- 10 TRASH ENCLOSURE AND CONC. APPROACH APRON
- 11 4" WIDE PAINT STRIPING, WHITE, UNLESS NOTED OTHERWISE
- 12 4" WIDE PAINT STRIPING, WHITE, AT 3'-0" O.C. TYP.
- 13 DETECTABLE WARNING SURFACE
- 14 NEW DRIVEWAY - SEE CIVIL DWGS
- 15 VEHICLE STACKING
- 16 PAY STATION
- 17 10' WIDE LANDSCAPE SETBACK
- 18 CASHIER PAY STATION
- 19 9' EVC, WITH SOLAR CANOPY
- 20 VACUUM STATION WITH SOLAR CANOPY
- 21 CAR WASH CANOPY WITH SOLAR
- 22 CAR WASH ENTRY SIGN
- 23 ACCESSIBLE POLE MOUNTED SITE SIGN
- 24 ACCESSIBLE POLE MOUNTED P.O.T. DIRECTIONAL SIGN
- 25 ACCESSIBLE VAN PARKING STALL
- 26 ACCESSIBLE VACUUM PARKING STALL
- 27 CLASS II RACK FOR 12 BICYCLES, INSTALL PER MFR. SPECIFICATIONS
- 28 UNDERGROUND OIL WELL
- 29 MULTI-PRODUCT FUEL DISPENSER
- 30 CANOPY COLUMN
- 31 DASHED LINE OF CANOPY ABOVE
- 32 UNDERGROUND FUEL STORAGE TANKS
- 33 FUEL VENT LINES
- 34 SPLIT FACE CMU WALL - 7'-0" HIGH ALONG THIS PROPERTY LINE
- 35 BIKE PATH
- 36 CHAIN-LINK FENCE
- 37 VACUUM PRODUCER AND COLLECTOR IN A CMU ENCLOSURE WITH METAL ROOF
- 38 NEW CROSSWALK, COORDINATE WITH CIVIL AND SIDEWALK ON OTHER SIDE. MUST MISS THE REQUIRED PORCHOP.

**SITE LEGEND**

- AC OR CONCRETE PAVING
- NEW LANDSCAPING
- BIO SWALE, DETENTION
- TRASH CAN, SEE
- PLANTER BOX, SEE
- BENCH

ALL WALKWAYS AND SIDEWALKS ALONG ACCESSIBLE ROUTES OF TRAVEL (1) ARE CONTINUOUSLY ACCESSIBLE, (2) HAVE A MAXIMUM 1/2" CHANGE IN ELEVATION, (3) ARE MINIMUM 48" IN WIDTH, (4) HAVE A MAXIMUM 2% CROSS SLOPE, AND (5) WHERE NECESSARY TO CHANGE ELEVATION AT A SLOPE EXCEEDING 5% (I.E., 1:20) SHALL HAVE RAMPS COMPLYING WITH 2018 CBC, SECTION 11B-405 OR 11B-406 AS APPROPRIATE. WHERE A WALK CROSSES OR ADJOINS A VEHICULAR WAY, AND THE WALKING SURFACES ARE NOT SEPARATED BY CURBS, RAILINGS OR OTHER ELEMENTS BETWEEN THE PEDESTRIAN AREAS AND VEHICULAR AREAS SHALL BE DEFINED BY A CONTINUOUS DETECTABLE WARNING WHICH IS 36" WIDE, COMPLYING 2018 CBC, SECTION 11B-705.1.2.5.

--- PATH OF TRAVEL



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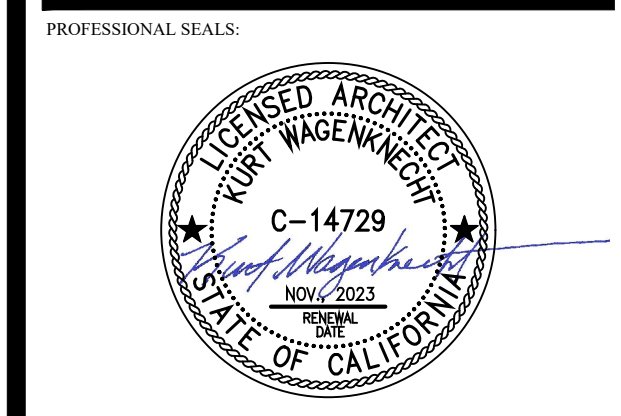
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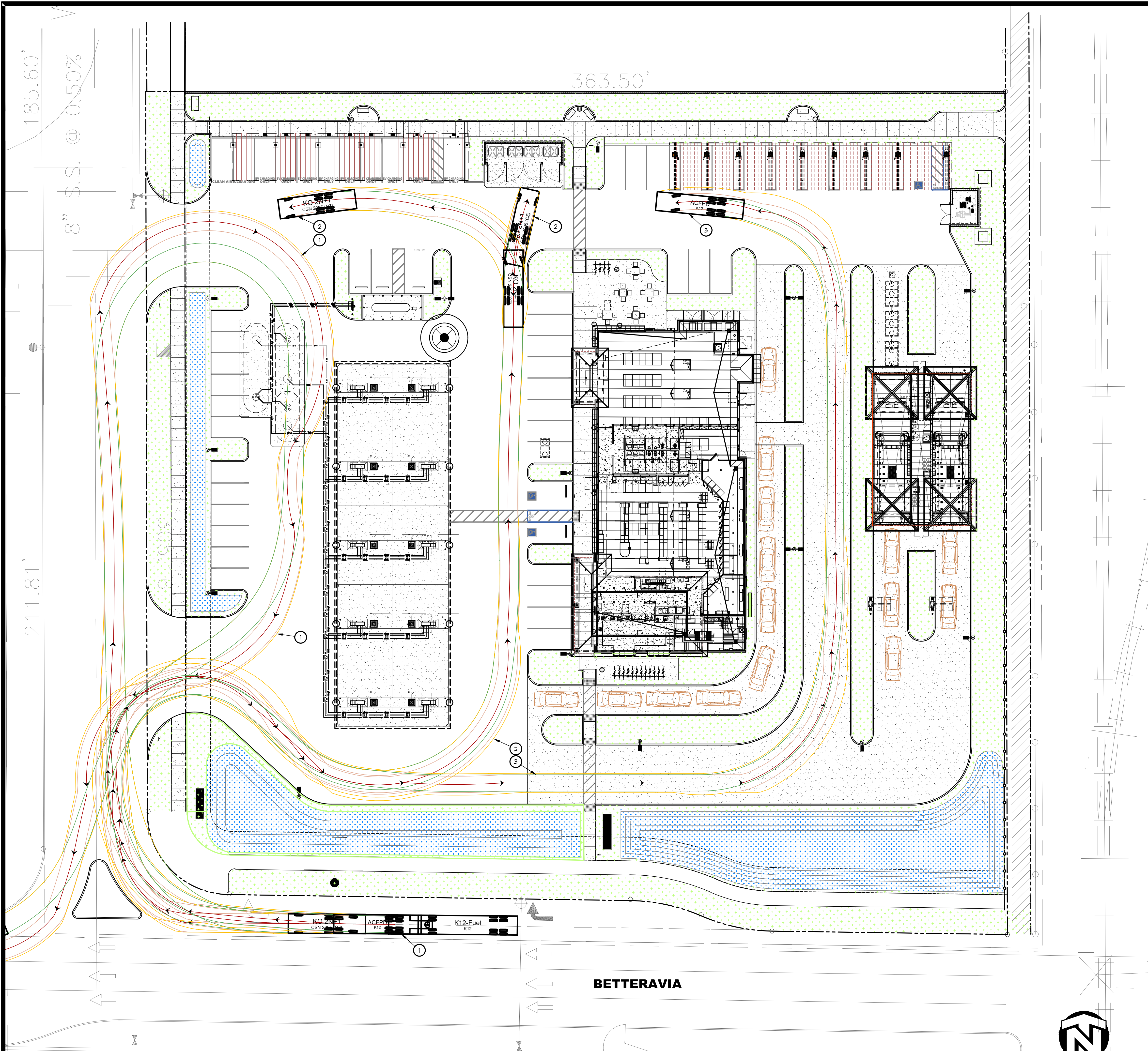
REVISIONS:  
 DESIGN REVIEW CHANGES 3-31-22



PROJECT NUMBER: **20-041** PROJECT DATE: **09-17-21**

SHEET CONTENTS:

**SITE PLAN**



**SITE PLAN KEYNOTES**

- ① FUELING TRUCK TURN PATH
- ② GARBAGE TRUCK TURN PATH
- ③ DELIVERY TRUCK TURN PATH

**SITE LEGEND**

- AC OR CONCRETE PAVING
- NEW LANDSCAPING
- BIO SWALE, DETENTION
- TRASH CAN, SEE
- PLANTER BOX, SEE

ALL WALKWAYS AND SIDEWALKS ALONG ACCESSIBLE ROUTES OF TRAVEL (1) ARE CONTINUOUSLY ACCESSIBLE, (2) HAVE A MAXIMUM 1/2" CHANGE IN ELEVATION, (3) ARE MINIMUM 48" IN WIDTH, (4) HAVE A MAXIMUM 2% CROSS SLOPE, AND (5) WHERE NECESSARY TO CHANGE ELEVATION AT A SLOPE EXCEEDING 5% (I.E. 1:20) SHALL HAVE RAMPS COMPLYING WITH 2016 CBC, SECTION 11B-405 OR 11B406 AS APPROPRIATE. WHERE A WALK CROSSES OR ADJONS A VEHICULAR WAY, AND THE WALKING SURFACES ARE NOT SEPARATED BY CURBS, RAILINGS OR OTHER ELEMENTS BETWEEN THE PEDESTRIAN AREAS AND VEHICULAR AREAS SHALL BE DEFINED BY A CONTINUOUS DETECTABLE WARNING WHICH IS 36" WIDE, COMPLYING 2016 CBC, SECTION 11B-705.1.2.5.

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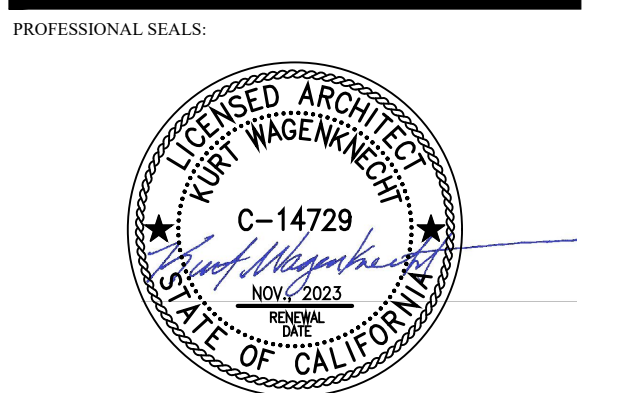
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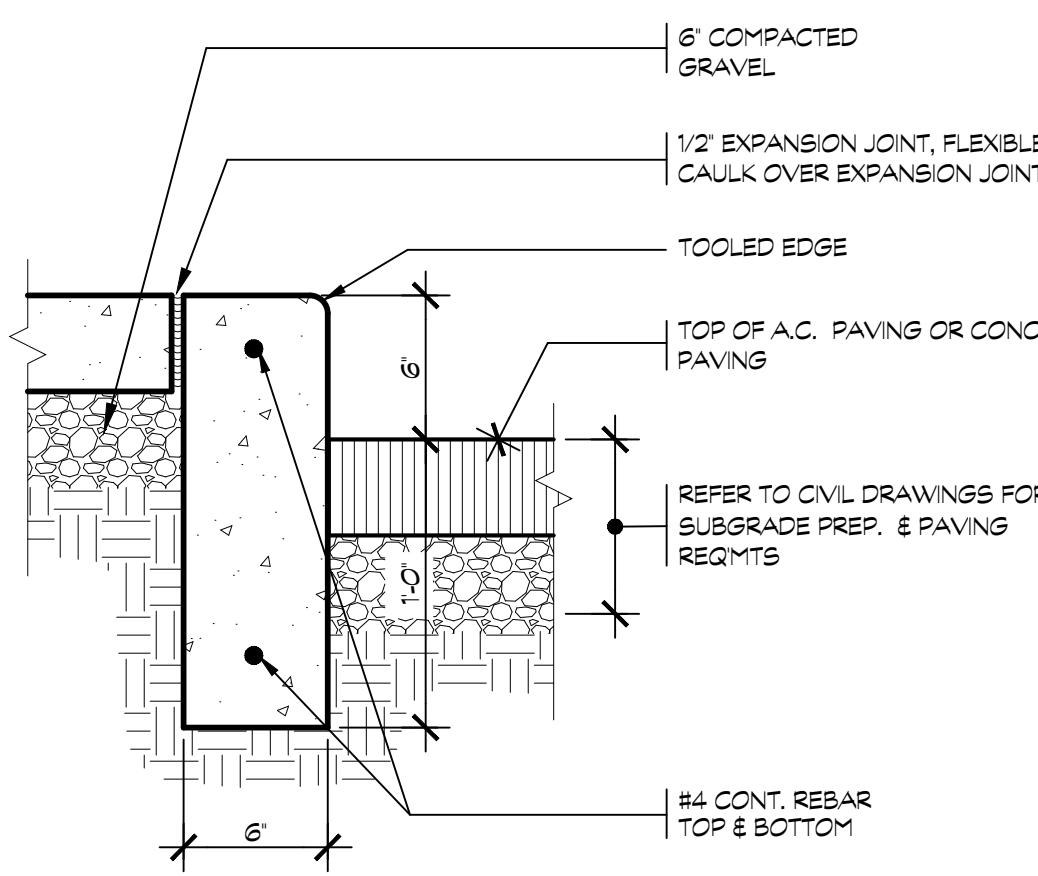


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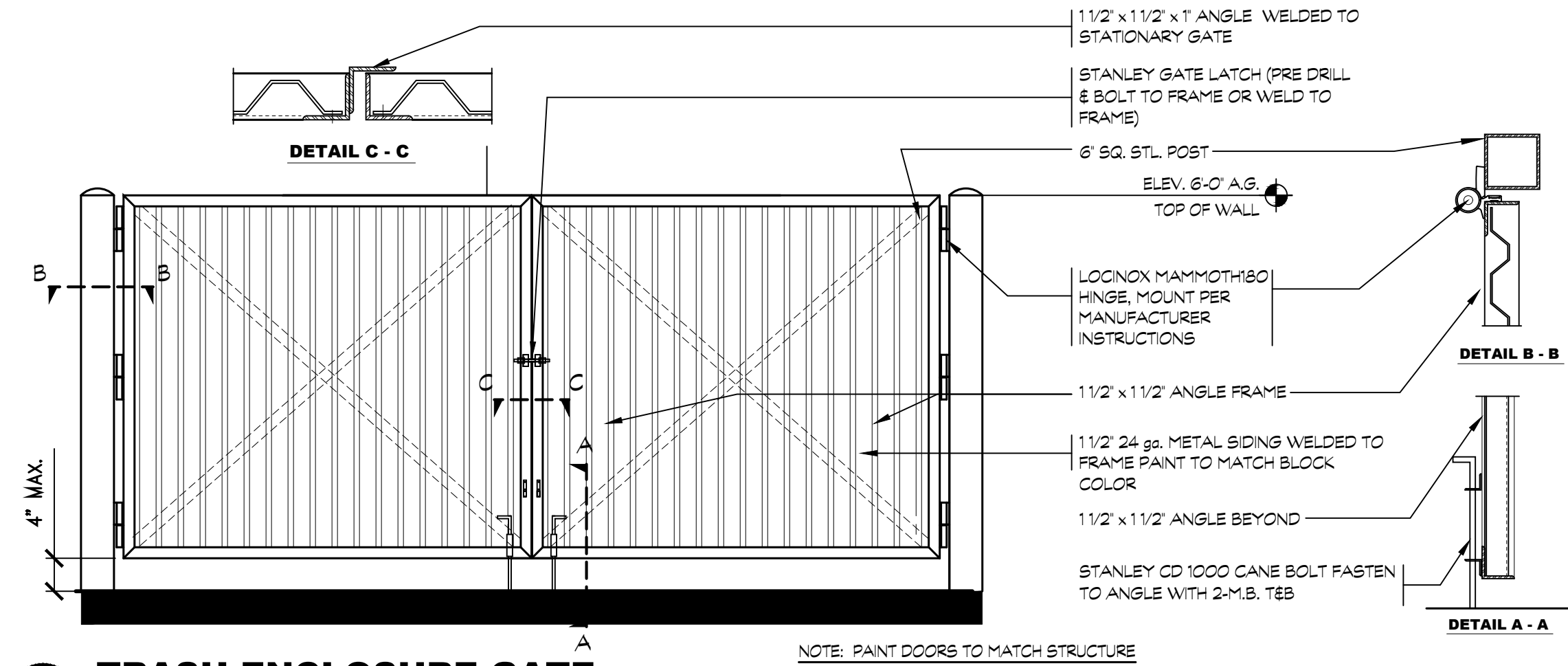
SHEET CONTENTS:

**AUTO-TURN PLAN**

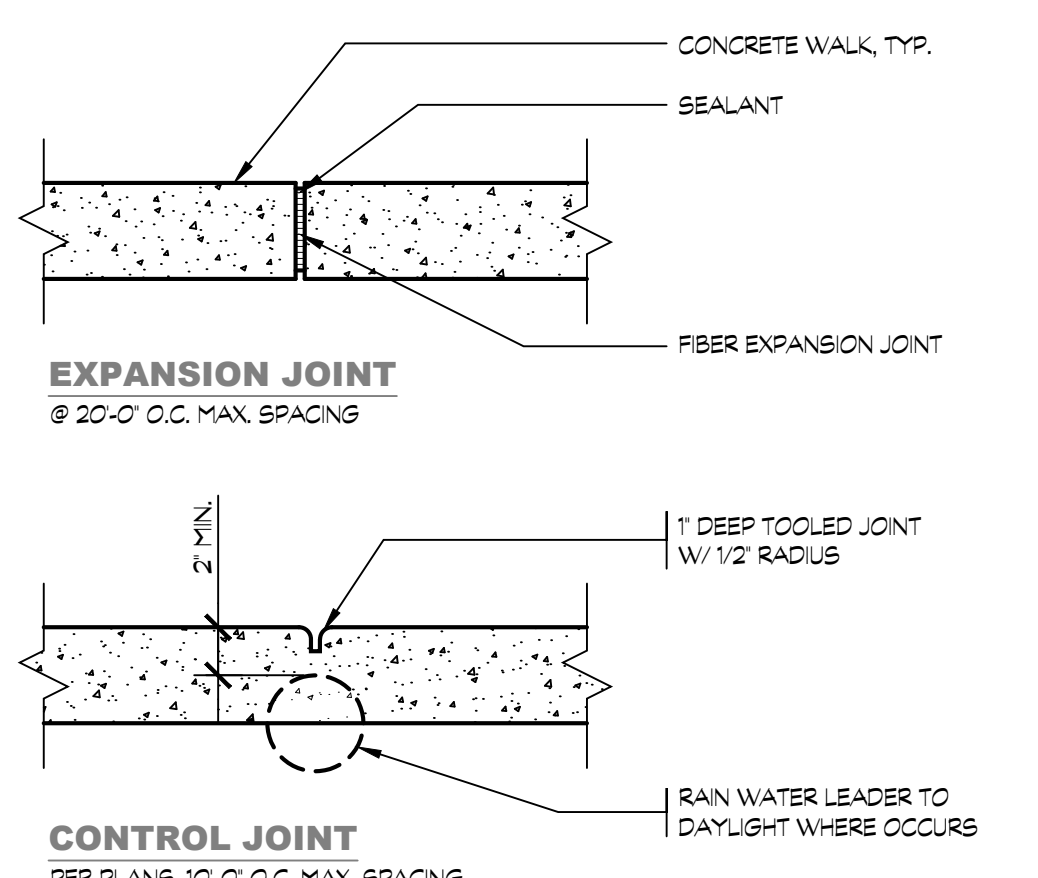
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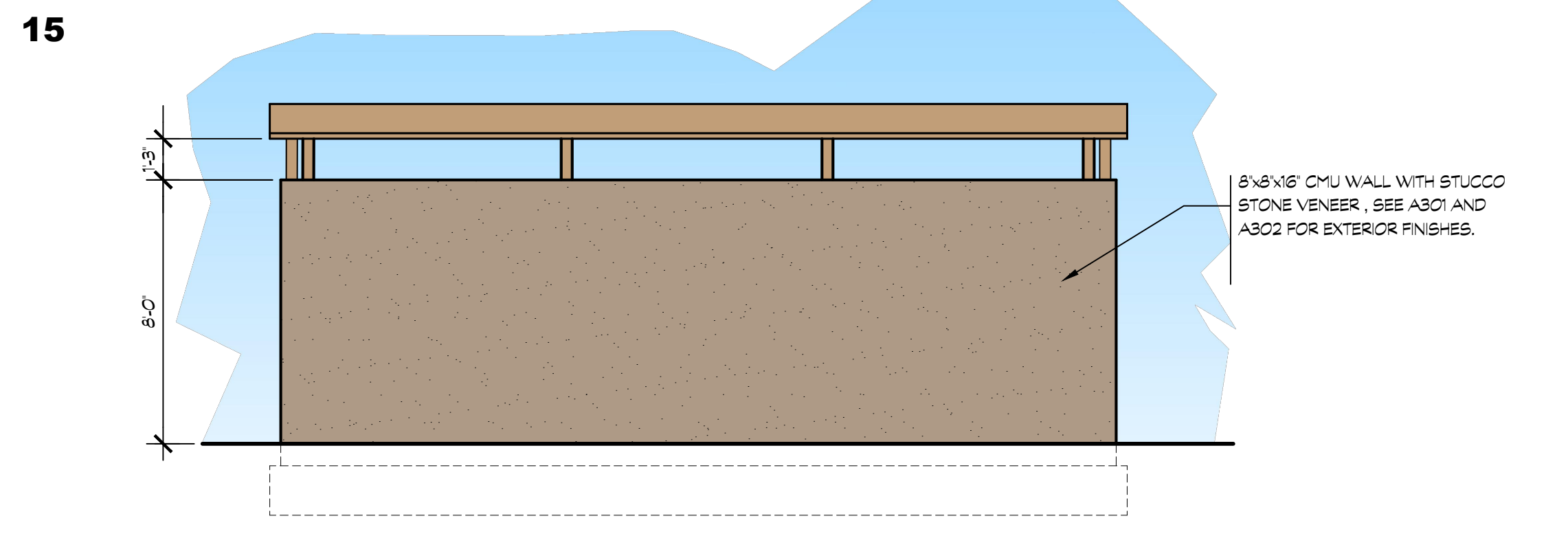
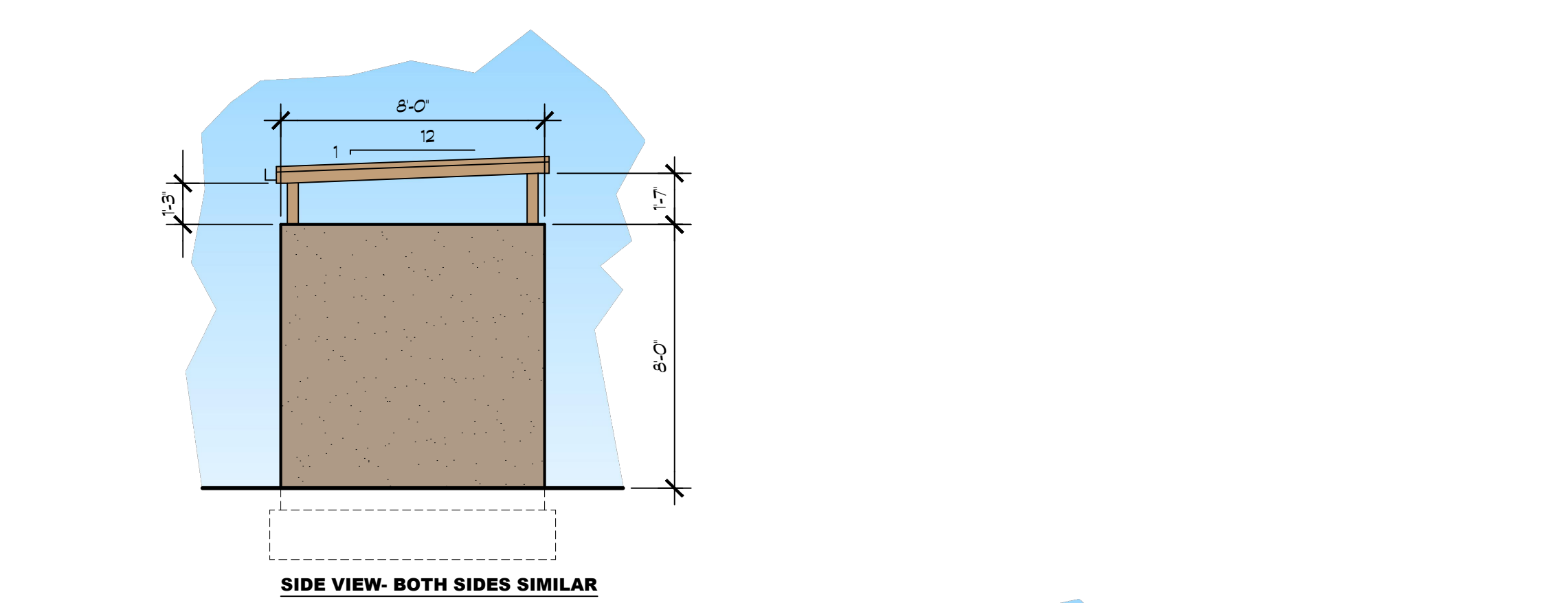
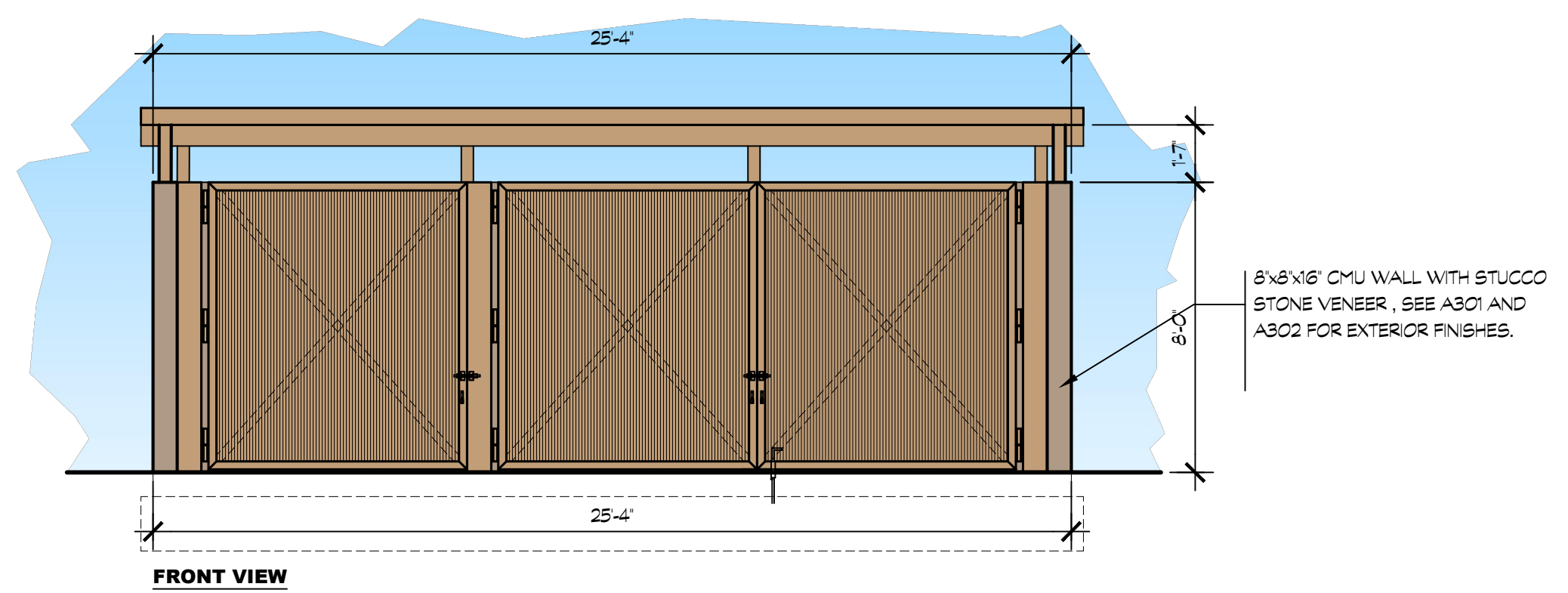
**17 CONC. WALK CURB**  
SCALE: 1 1/2" = 1'-0"



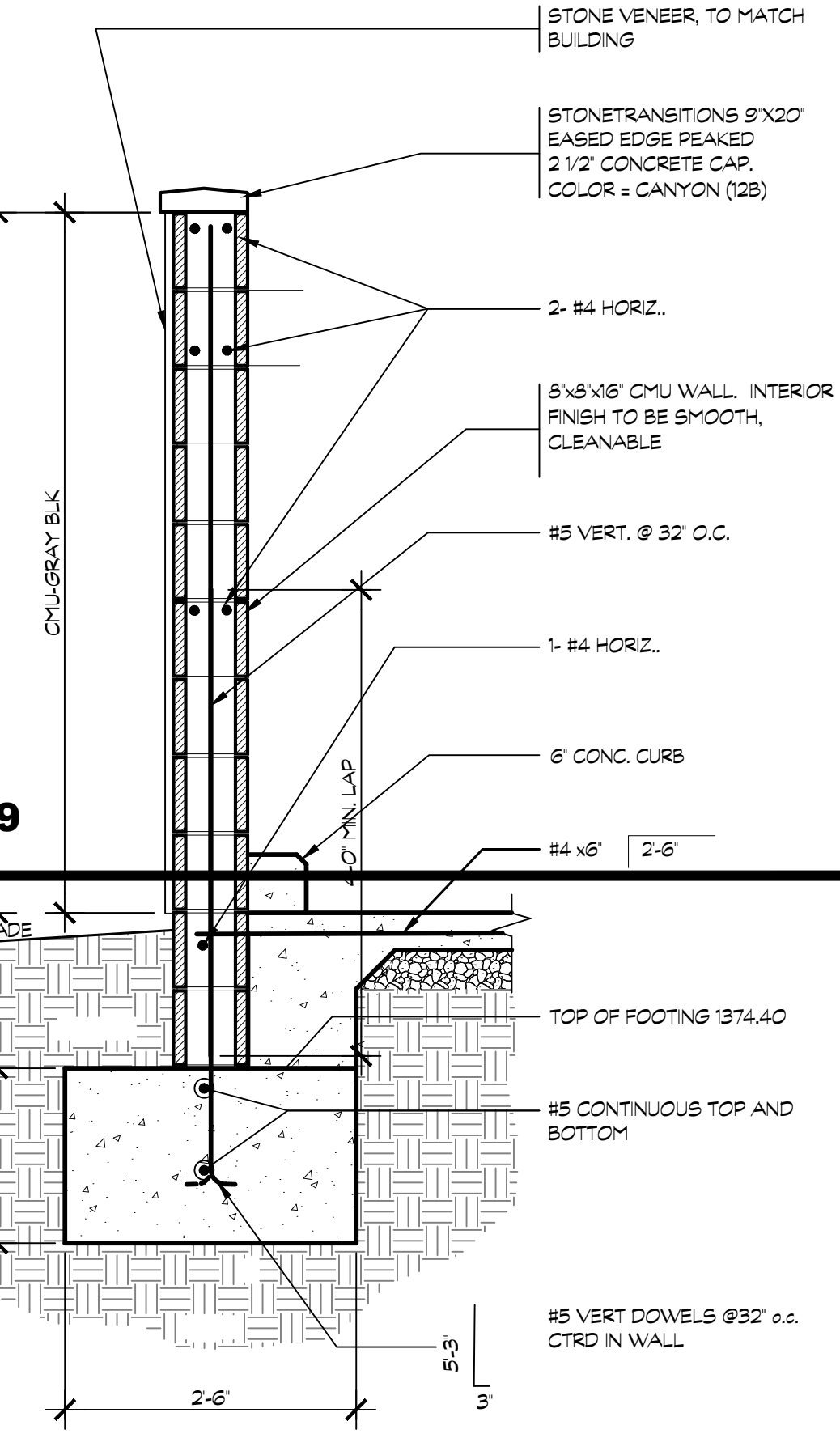
**13 TRASH ENCLOSURE GATE**  
SCALE: 1/2" = 1'-0"



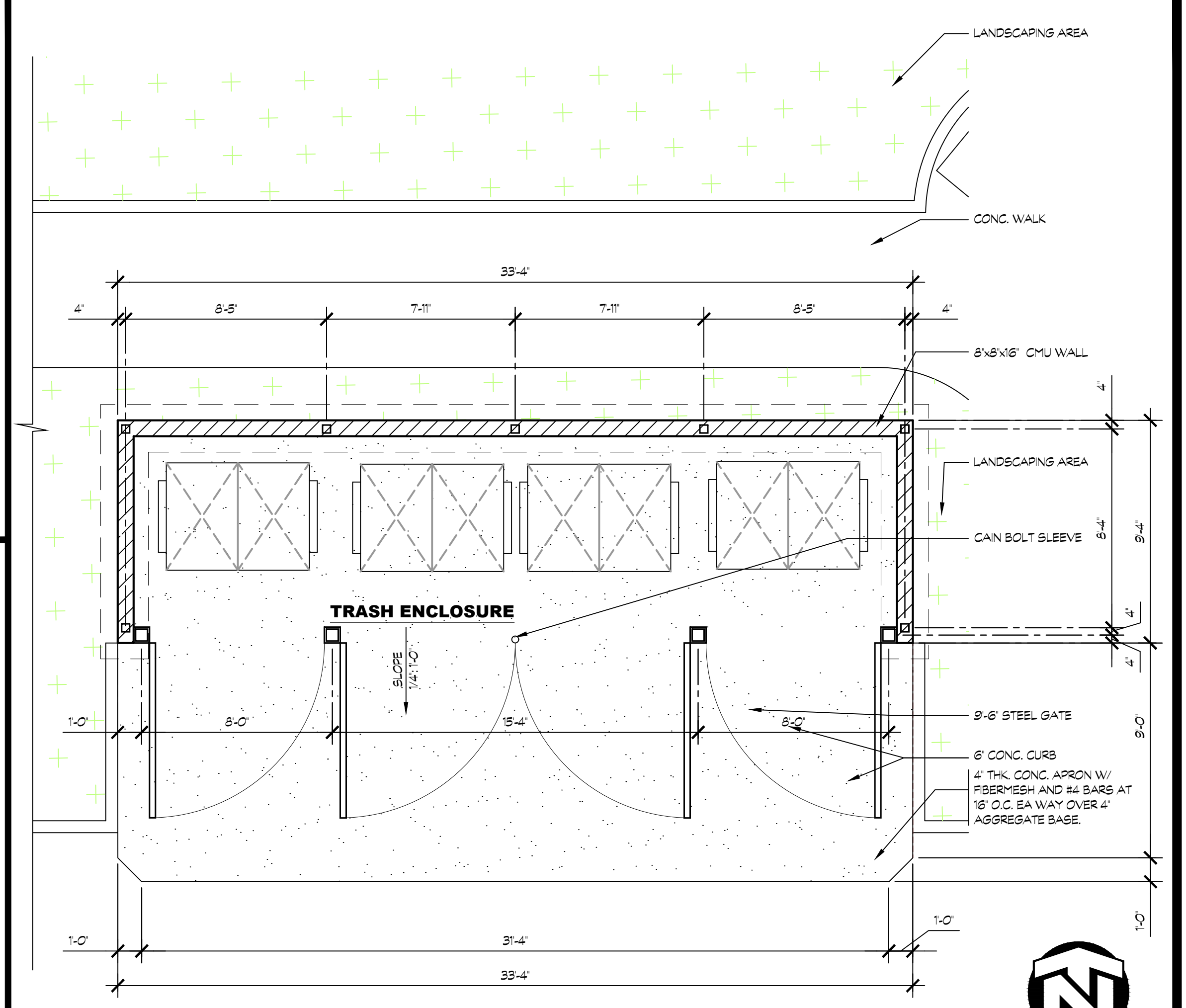
**18 CONC. WALK EXPANSION & CONTROL JOINTS**  
SCALE: 1 1/2" = 1'-0"



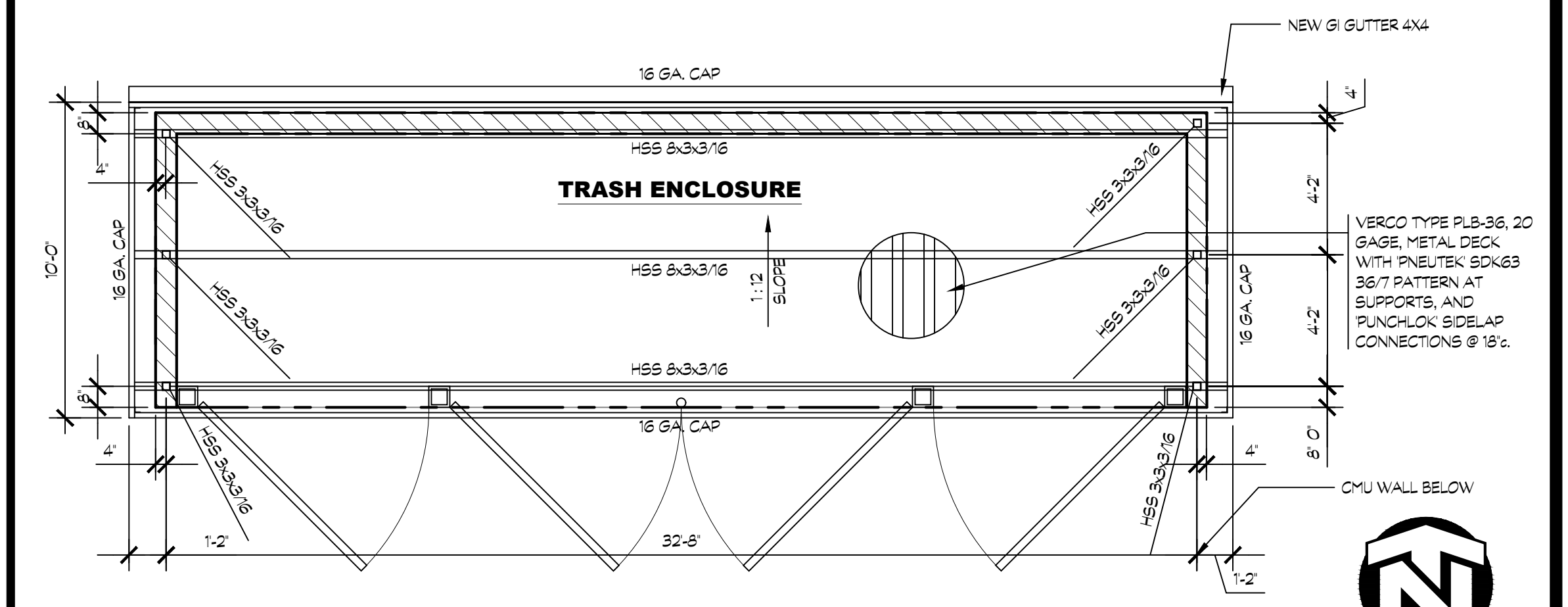
**16 TRASH ENCLOSURE ELEVATIONS**  
SCALE: 1/4" = 1'-0"



**20 TRASH ENCLOSURE WALL SEC.**  
SCALE: 3/4" = 1'-0"



**6 TRASH ENCLOSURE PLAN**  
SCALE: 1/4" = 1'-0"



**7 TRASH ENCLOSURE ROOF & FRAMING PLAN**  
SCALE: 1/4" = 1'-0"



**8**



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SHEET CONTENTS:

TRASH ENCLOSURE  
DETAILS

SHEET NUMBER:

**A103**

PRODUCT: QR-CAL2436W-A19 WEIGHT: 520 lbs (CUSTOMER TO OFFLOAD IF OVER 500 LBS.)

CONCRETE COLOR:  QUAIL HILL  BIRCH GREY  BUNGALOW  MASON WHITE  WHITE  HONEYBEE

CONCRETE TEXTURE:  CRACK/STAIN RESISTANT  STATA

SEALER: STANDARD SEALER

LID MATERIAL:  ALUMINUM  STEEL

LID COLORS:  BLACK  GRAY  BROWN  BLUE

GENERAL PRODUCT NOTES:  
E = EXPOSED FINISHED SURFACE  
INSTALLATION IS REQUIRED BY OTHERS.  
ALL EDGES TO BE EASED.  
MANUFACTURING TOLERANCE ±1/4".

Authorized Signature \_\_\_\_\_ Date \_\_\_\_\_  
By signing above or stamping this drawing "approved" or "no objection taken" authorization is given to QCP to produce the drawing as shown within a 10' tolerance.

PLAN VIEW

ELEVATION VIEW

SECTION VIEW

HARDWARE LIST	
QTY	TYPE
	(LID A19) 1/2" DIA. ROUND FUNNEL LID
	SECURITY STEEL CABLE & TAMPER PROOF BOLT
	(QR-PL27A) ROUND PLASTIC LINER

PLAN TYPE	CONSTRUCTION PLAN	DATE	FILE NO.	SHEET
PRODUCT	QR-CAL2436W-A19   WASTE CONTAINER   CALIFORNIA	2/7/17	014_OR_CA2436W_A19	1
PROJECT NAME	-	SCALE	1" = 1"	1

PRODUCT: QR-CE2422P WEIGHT: 318 Lbs. (CUSTOMER TO OFFLOAD IF OVER 300 LBS.)

CONCRETE COLOR:  QUAIL HILL  BIRCH GREY  BUNGALOW  MASON WHITE  WHITE  HONEYBEE

CONCRETE TEXTURE:  CRACK/STAIN RESISTANT  STATA

SEALER: STD. SEALER

GENERAL PRODUCT NOTES:  
E = EXPOSED FINISHED SURFACE  
INSTALLATION IS REQUIRED BY OTHERS.  
ALL EDGES TO BE EASED.  
MANUFACTURING TOLERANCE ±1/4".  
STD. 2" DIA. DRAIN HOLE  
INCLUDES INTERIOR WATER SEALANT

Authorized Signature \_\_\_\_\_ Date \_\_\_\_\_  
By signing above or stamping this drawing "approved" or "no objection taken" authorization is given to QCP to produce the drawing as shown within a 10' tolerance.

PLAN VIEW

ELEVATION VIEW

SECTION VIEW

PLAN TYPE	CONSTRUCTION PLAN	DATE	FILE NO.	SHEET
PRODUCT	QR-CE2422P   ROUND PLANTER   ROUND	3/20/17	QR-CE2422P	1
PROJECT NAME	-	SCALE	3/4" = 1"	1



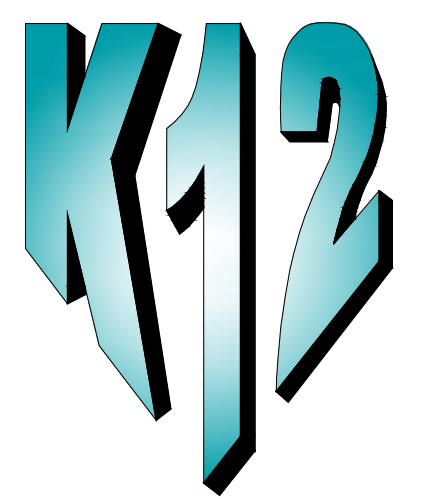
MANUFACTURED CANOPY. PAINT TO BE SILVER. FRAME AND WHITE CEILING.

COLUMN HEIGHT: 8'-0"

OVERALL HEIGHT: 10'-0"

**4 CAR WASH PAY STATION ELEVATION**

SCALE: NTS



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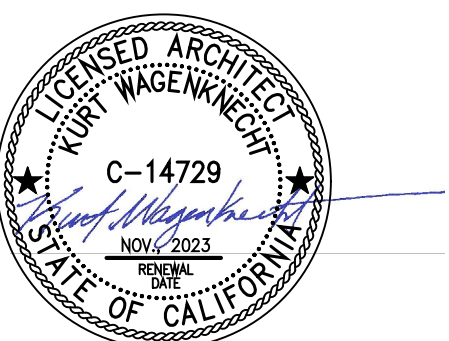
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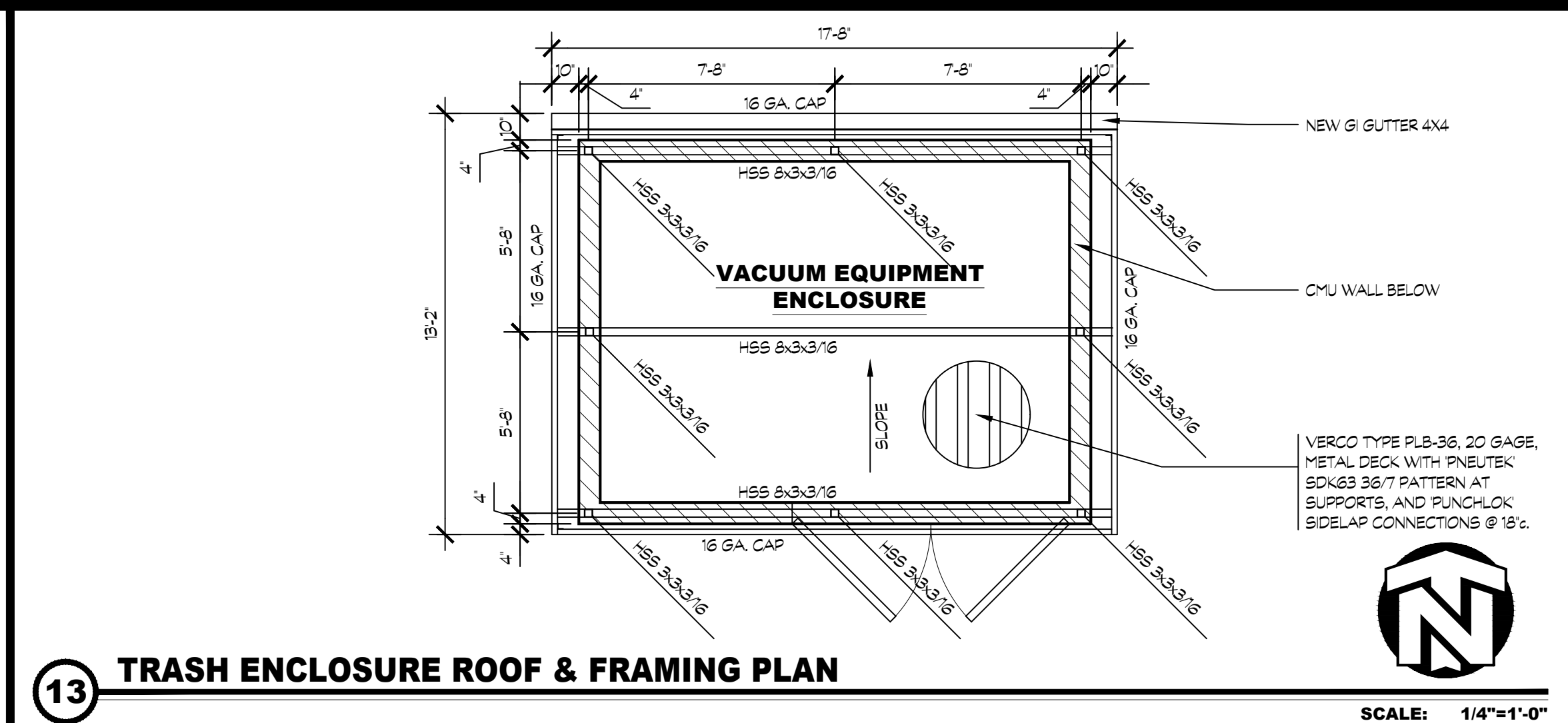
SHEET CONTENTS:

**CAR WASH PAY CANOPY**

SHEET NUMBER:

**A104**

17



18

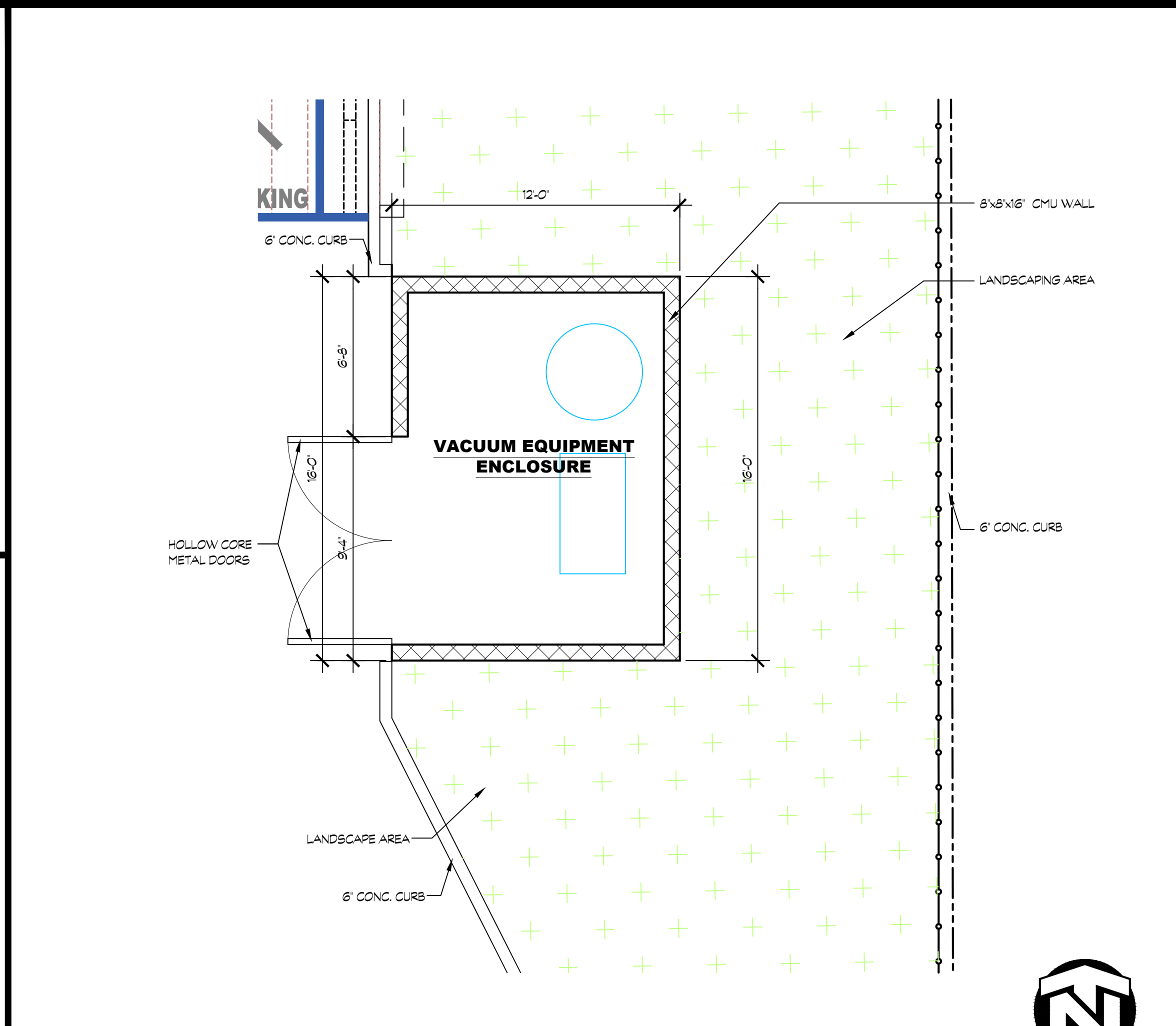
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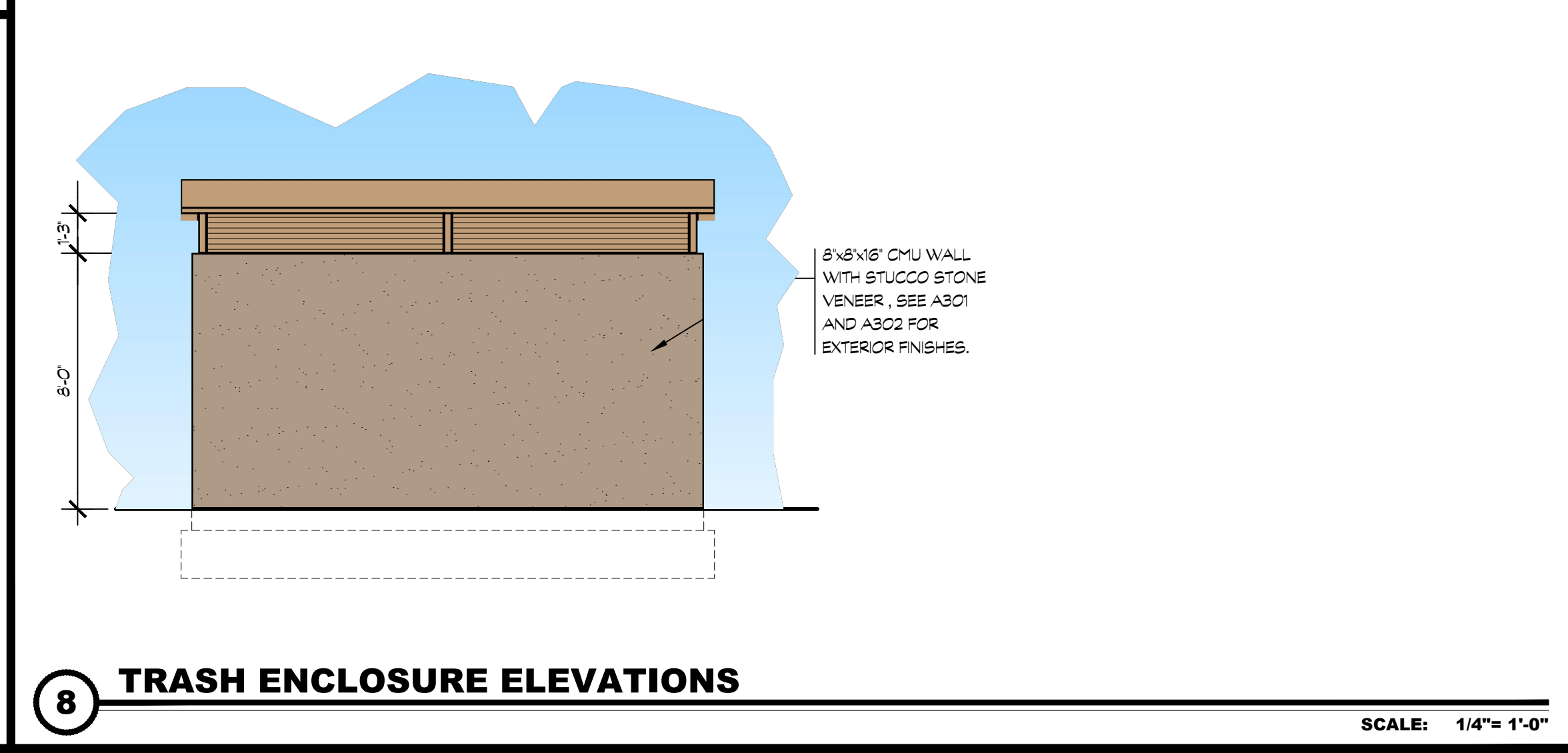
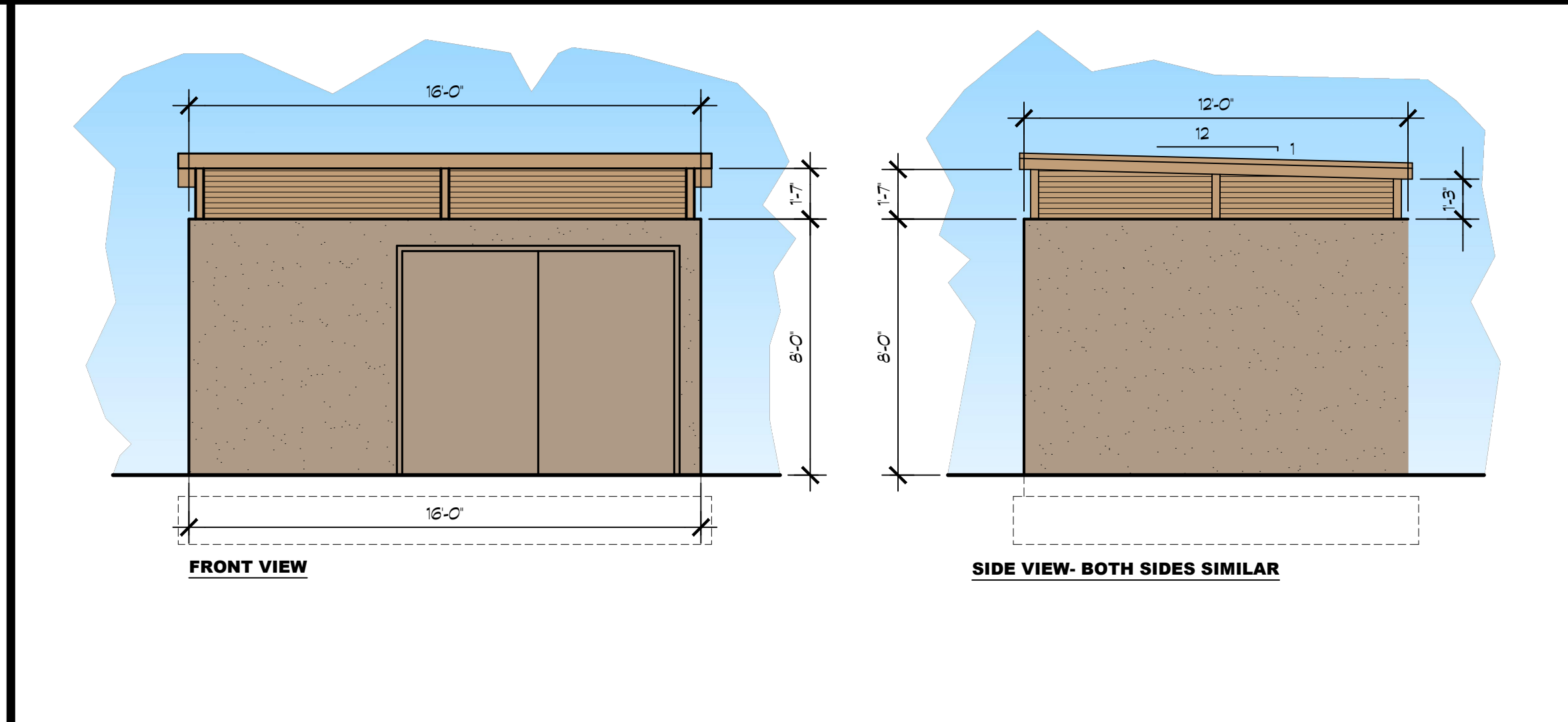
15

16

11



10



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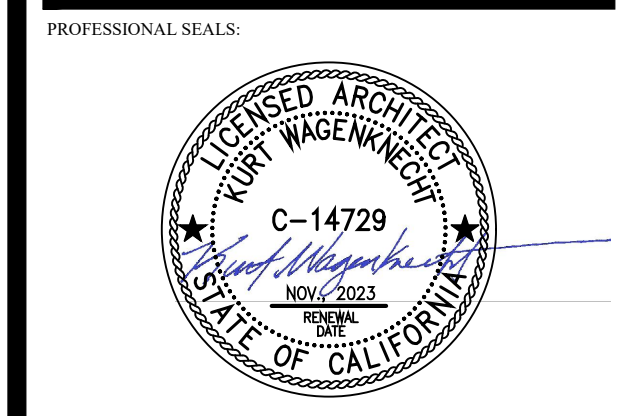
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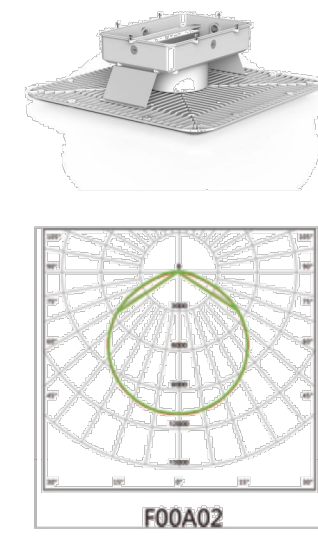
**VACUUM EQUIPMENT ENCLOSURE**

SHEET NUMBER:

**A105**



### HiGas X LED Canopy Light - AGC Lighting



5 Years Warranty

#### GENERAL PRODUCTS DATA :

Item No.	FL12-50	FL12-80	FL12-100	FL12-120	FL12-150	FL12-200
<b>Optical Data</b>						
System Efficacy	160lm/W					
Luminous Flux	8,000lm	12,800lm	16,000lm	19,200lm	24,000lm	32,000lm
Wattage	50W	80W	100W	120W	150W	200W
CCT	4000K, 5000K					
CRI	Ra70, Ra80					
<b>Electrical Data</b>						
Input Voltage	100-240Vac / 100-277Vac					
Input Surge Protection	6kV line-line, 10kV line-earth					
Power Frequency	50/60Hz					
Power Factor	>0.90					
<b>Environmental</b>						
Ingress Protection	IP66					
LED Life Span	>190,000Hrs(Ta=30°C@L70)					
Storage Temperature	-40°C to +70°C(-40°F to +158°F)					
Operating Temperature	-30°C to +50°C(-22°F to +122°F)					
Operating Humidity	15-90%RH					
Luminaire Net Weight	8.0±0.3kg (17.64±0.66Lbs)	8.1±0.3kg (17.86±0.66Lbs)	8.4±0.3kg (18.52±0.66Lbs)	10.6±0.3kg (23.37±0.66Lbs)	10.7±0.3kg (23.59±0.66Lbs)	10.8±0.3kg (23.81±0.66Lbs)
Outlook Dimensions	φ405×405×192mm (15.94×15.94×7.56")	φ405×405×192mm (15.94×15.94×7.56")	φ405×405×192mm (15.94×15.94×7.56")	φ505×505×192mm (19.88×19.88×7.56")	φ505×505×192mm (19.88×19.88×7.56")	φ505×505×192mm (19.88×19.88×7.56")
Export Carton Size	465×245×470mm (18.31×9.65×18.5")	465×245×470mm (18.31×9.65×18.5")	465×245×470mm (18.31×9.65×18.5")	580×245×580mm (22.83×9.65×22.83")	580×245×580mm (22.83×9.65×22.83")	580×245×580mm (22.83×9.65×22.83")



#### FEATURES & SPECIFICATIONS

**INTENDED USE** — A general purpose and energy efficient surface-mounted or suspended LED fixture, suitable for wet, damp and cold locations. For upper right demanding environments where moisture or dust is a concern and where relatively low fixture mounting heights and wide fixture spacing are common. Not for use or installation in direct outdoor sunlight. Must be installed under canopy or covered ceiling. For direct sunlight installations, please refer to the 123 product family. Typical applications include industrial facilities, parking garages, retail malls, multi-story rooms, garden centers, and food processing. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate. Click here for Acrylic/Polycarbonate Compatibility table for suitable uses.**

**Certain airborne contaminants may adversely affect the functioning of LEDs and other electronic components, depending on various factors such as concentrations of the contaminants, ventilation, and temperature at the end-user location. Click here for a list of substances that may not be suitable for interaction with LEDs and other electronic components.**

**CONSTRUCTION** — One-piece 316L stainless housing with integral perimeter channel utilizing continuous poured-in-place NEMA 4X gasket. Approved as a wet/dry and for through-wiring. Capable polymer latches are standard. Stainless steel latches (8316) available as an option for food processing or more demanding applications.

Power connection is easily accomplished through pre-drilled holes. Fixture easily mounts to ceilings and other solid structures, or can be suspended with chain, cable or rod using stainless steel mounting brackets (included).

**OPTICS** — Injection molded, acrylic lens (0.80" thick) provides high impact resistance comparable to 100% IR. UV stabilized polycarbonate diffuser is available (0.80" thick) in clear or frosted for additional impact strength where vandalism protection is desired.

Expected service life of 60,000 hours at 80% lumen maintenance (L80), predicted life of more than 100,000 hours.

**ELECTRICAL** — Utilizes high-efficiency LEDs mounted to core circuit boards. High-efficiency drivers operate 100-277 (MVOLT) and 240-480 (MVOLT) offered with 0-10V dimming. Standard Luminaire Surge Protection Level 6kV/3kA Surge Rated per ANSI (UL277-5-2015).

**INSTALLATION** — Fixture can be surface, suspended or wall mounted. Pre-punched stainless steel mounting brackets are included (two per luminaire) for easy field attachment of bolts, screws and other mounting hardware.

**LISTINGS** — CSA Certified to UL and CUL Standards. Suitable for wet location. IP65/IP66, IP67 rated and certified to meet NSF Splash Zone 2, NEMA 4X rated. Sensors maintain IP65 and IP66 only. See chart on page 5 for Ambient Temperatures.

**Designlights Consortium (DLC)** Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/DLC](http://www.designlights.org/DLC) to confirm which versions are qualified.

**BUY AMERICAN** — Product with the BAA option is assembled in the USA and meets the Buy American government procurement requirements under FAR, DFARS and DCP. Please refer to [www.acuitybrands.com/usa-american](http://www.acuitybrands.com/usa-american) for additional information.

**WARRANTY** — 5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/support/warranty-terms-09-08-2015](http://www.acuitybrands.com/support/warranty-terms-09-08-2015)

**NOTE:** Actual performance may differ as a result of end use environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Catalog Number	
Notes	
Type	

#### Low-Profile Enclosed and Gasketed Industrial



### FEM LED

SURFACE / SUSPENDED / WALL MOUNT



#### Stock configurations are offered for shorter lead times:

Standard Part Number	Stock Part Number
FEM L48 400LM P166 MD MVOLT G210 40K 80CRI	FEM L48 4L MVOLT
FEM L48 400LM P166 MD MVOLT G210 50K 80CRI	FEM L48 4L MVOLT SK

#### Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks marked by a **Shaded background**

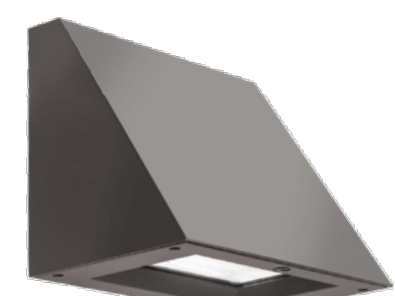
To learn more about A+, visit [www.acuitybrands.com/a-plus](http://www.acuitybrands.com/a-plus).

\*See ordering tree for details

INDUSTRIAL

FEM LED

Page 1 of 6



### WDGE2 LED Architectural Wall Sconce



Catalog Number	
Notes	
Type	

Use the 500 tab or mouse over the page to see all interactive elements.

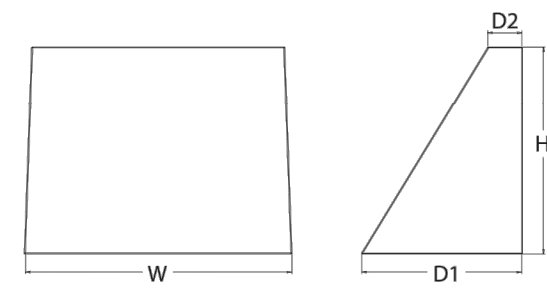
#### Introduction

The WDGE2 LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean, rectangular design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE2 family provides additional energy savings and code compliance.

WDGE2 delivers up to 6,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WDGE2 becomes the ideal wall-mounted lighting solution for pedestrian scale applications in any environment.

#### Specifications

Depth (D1): 7"  
Depth (D2): 1.5"  
Height: 9"  
Width: 11.5"  
Weight (without options): 13.5 lbs



#### WDGE LED Family Overview

Luminaire	Standard LUL, @ C	Lumens @ 30° L	Sensor	Lumens (6000K)					
				P1	P2	P3	P4	P5	P6
WDGE1 LED	4W	--	--	1,200	2,000	--	--	--	--
WDGE2 LED	10W	18W	Standalone / nLight	1,200	2,000	3,000	4,500	6,000	--
WDGE3 LED	15W	18W	Standalone / nLight	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	--	--	Standalone / nLight	12,000	16,000	18,000	20,000	22,000	25,000

#### Ordering Information

EXAMPLE: WDGE2 LED P3 40K 80CRI VF MVOLT SRM DDBXD

Series	Package	Color Temperature	CR	Distribution	Voltage	Mounting	Shipped included	Shipped separately
WDGE2 LED	P1*	27K / 2700K	80CRI	VF	Visual comfort forward throw	MVOLT	SRM Surface mounting bracket	AWS 3/8inch architectural wall spacer
	P2*	30K / 3000K	90CRI	VW	Visual comfort wide	347V / 480V	SRM Surface mounting bracket	FSBW 5 surface-mounted bar box (top, left, right conduit entry)
	P3*	35W		VW	Visual comfort wide		SRM Surface mounting bracket	
	P4*	40K / 4000K					ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only)	
	P5*	50K / 5000K						

#### Options

Option	Finish
EWH Emergency battery backup, Certified in CA Title 20 MA2B35 (10W, 5% min)	DDBXD Dark bronze
E10WH Emergency battery backup, Certified in CA Title 20 MA2B35 (10W, 5% min)	DDBD Black
E20WC Emergency battery backup, Certified in CA Title 20 MA2B35 (15W, 20% min)	DNAXD Natural aluminum
PE* Photocell, Button Type	DNDWD White
DS* Dual switching (comes with 2 drivers and 2 light engines; see page 3 for details)	DDSD Sandstone
DMG* 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)	DDBTD Textured dark bronze
BCE Bottom conduit entry for bar box (P8BW), total of 4 entry points. See page 4 for out of box functionality	DREBD Textured black
	DNDXD Textured natural aluminum
	DNDWD Textured white
	DSSTD Textured sandstone



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WDGE2 LED

Rev. 11/16/20

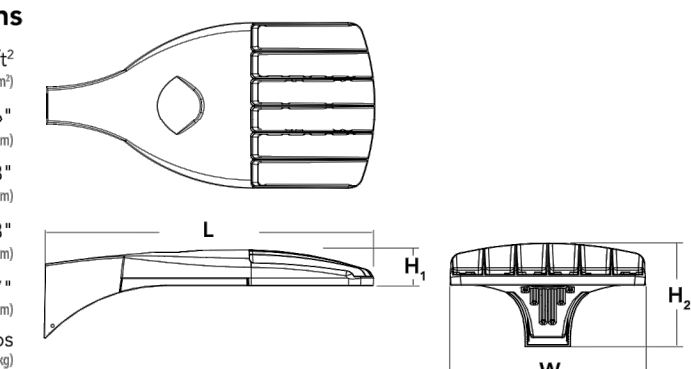


### D-Series Size 0 LED Area Luminaire



#### Specifications

EPA: 0.95 ft² (0.09 m²)  
Length: 25" (635mm)  
Width: 13" (330mm)  
Height: 3" (76mm)  
Height: 7" (178mm)  
Weight (max): 16 lbs (7.2kg)



Catalog Number	
Notes	
Type	

Use the 500 tab or mouse over the page to see all interactive elements.

#### Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment. The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 400W metal halide with typical energy savings of 70% and expected service life of over 100,000 hours.

#### Ordering information

EXAMPLE: DSX0 LED P6 40K T3M MVOLT SPA NLTAR2 PIRHN DDBXD

Series	LEDs	Color temperature	Distribution	Voltage	Mounting	Shipped included
DSX0 LED	Forward optics	30K / 3000K	T1S Type I short (Automotive)	T5S Type V short†	MVOLT (120V-277V)††	SPA Square pole mounting
	P1 P5	40K / 4000K	T2S Type II short	T3M Type II medium†	XVOLT (277V-480V)††	SPA Square pole mounting
	P2 P6	50K / 5000K	T3M Type II medium	T5W Type V wide†	120V	SPA Round pole mounting††
	P3 P7		T3S Type III short	BLC Backlight control†	208*	WBA Wall bracket†
	P4†		T3M Type II medium	LECO Left corner cutoff†	240*	SPUMBA Square pole universal mounting adaptor††
	Rotated optics		T4M Type IV medium	RCCO Right corner cutoff†	277*	SPUMBA Square pole universal mounting adaptor††
	P1P† P12†		T3TM Forward throw medium		347*	Shipped separately
	P11† P13†		T3VS Type V very short†		480*	KNAB DDBXD U Neck arm mounting bracket adaptor (specify finish)††

#### Control options

Shipped installed	Other options	Shipped installed	Finish (selected)
N2AR2 Light AIR generation 2 enabled†††	PIR High-flow motion/ambient sensor 0-15' mounting height, ambient sensor enabled at 5'.	HS House-side shield††	DDBD Dark bronze
PIRHN Network, high-flow motion/ambient sensor†	PIRH High-flow, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5'.	SF Single face (120, 277, 347V)†	DDBX Black
PER Network two-lock receptacle only (control ordered separately)†	PIRHFCV High-flow, motion/ambient sensor 0-15' mounting height, ambient sensor enabled at 15'.	DF Double face (208, 240, 480V)†	DNAXD Natural aluminum
PER5 Five-pin receptacle only (control ordered separately)††	PIRHFCV High-flow, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 15'.	L90 Left rotated optics†	DNDWD White
PER7 Seven-pin receptacle only (leads out fixture) (control ordered separately)††	PIRHFCV High-flow, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 15'.	R90 Right rotated optics†	DDBTD Textured dark bronze
DMG 0-10V dimming ordered out back of housing for external control (control ordered separately)†	FAO Field adjustable output†	EDD External dimmer†††	DREBD Textured black
		HA 50°C ambient operators†	DNDXD Textured natural aluminum
		BAA Buy America (s) Act Compliant	DNDWD Textured white
		ES External glare shield	



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DSX0 LED

Rev. 07/19/21

Page 1 of 8

### ROYAL EB LED

#### Architectural Outdoor

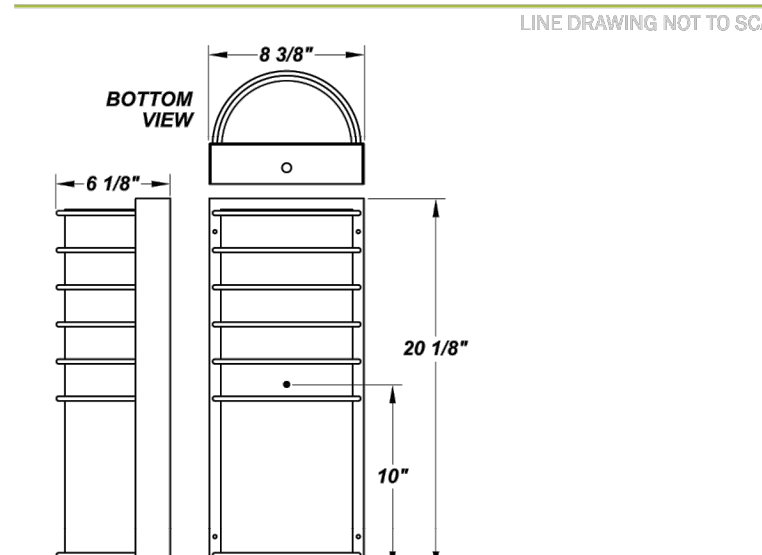


PROJECT:	
TYPE:	
QTY:	
COMMENTS:	

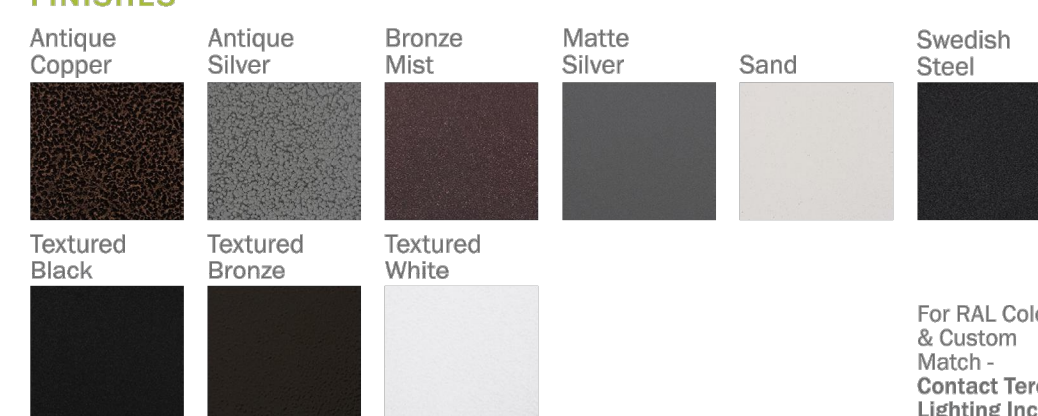
#### FEATURES

- Aluminum Reflector
- Constant Current
- CSA Listed Wet Location
- Dimmable to 10% From 120V to 230V
- Emergency Battery Available
- LED Light Fixture
- Luminous White 75% DR Acrylic Diffuser
- Mounting Hardware Included
- Mounts Directly to 4" Junction Box (By Others)
- Steel Fascia w/ Textured Black Polyester Powder Coat Finish
- Steel Mounting Pan w/ Hi-Reflectance White Powder Coat Finish

#### LINE DRAWING



#### FINISHES



For RAL Colors & Custom Match Contact Teron Lighting Inc.



TERONLIGHTING.COM  
33 DONALD DR, FAIRFIELD, OH 45104  
P: 513.858.6004 F: 513.858.6038  
E: SALES@TERONLIGHT.COM



Reserve the right to revise the design components of any product due to parts availability or change in UL standards, without assuming any obligation or liability to modify any products previously manufactured, and without notice.



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CONTRACTOR:

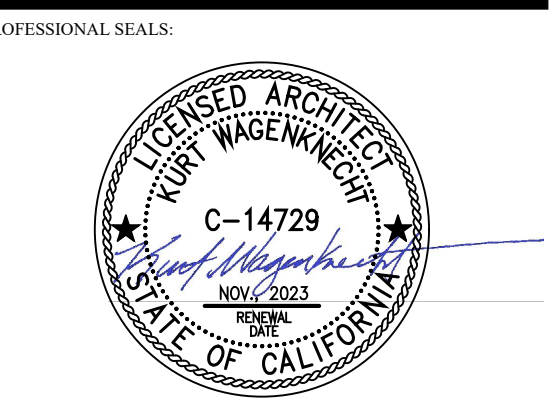


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WASH

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Santa Maria, California 93454

KAUTZ  
1284 N. GRAND AVE  
GROVER BEACH, CA 93433

DESIGN REVIEW CHANGES 3-31-22



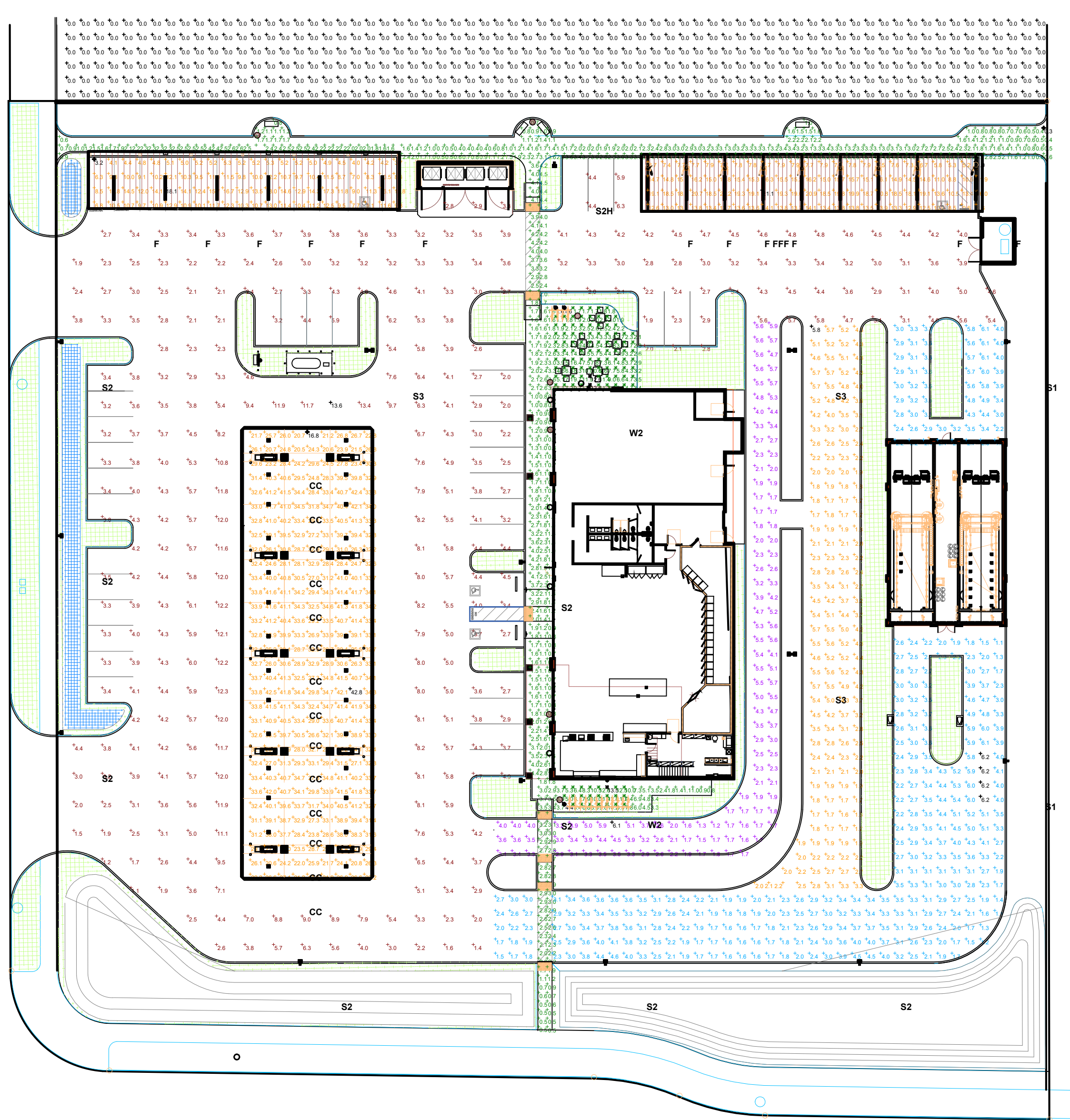
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SHEET CONTENTS:

LIGHTING CUT SHEETS

SHEET NUMBER:

A106

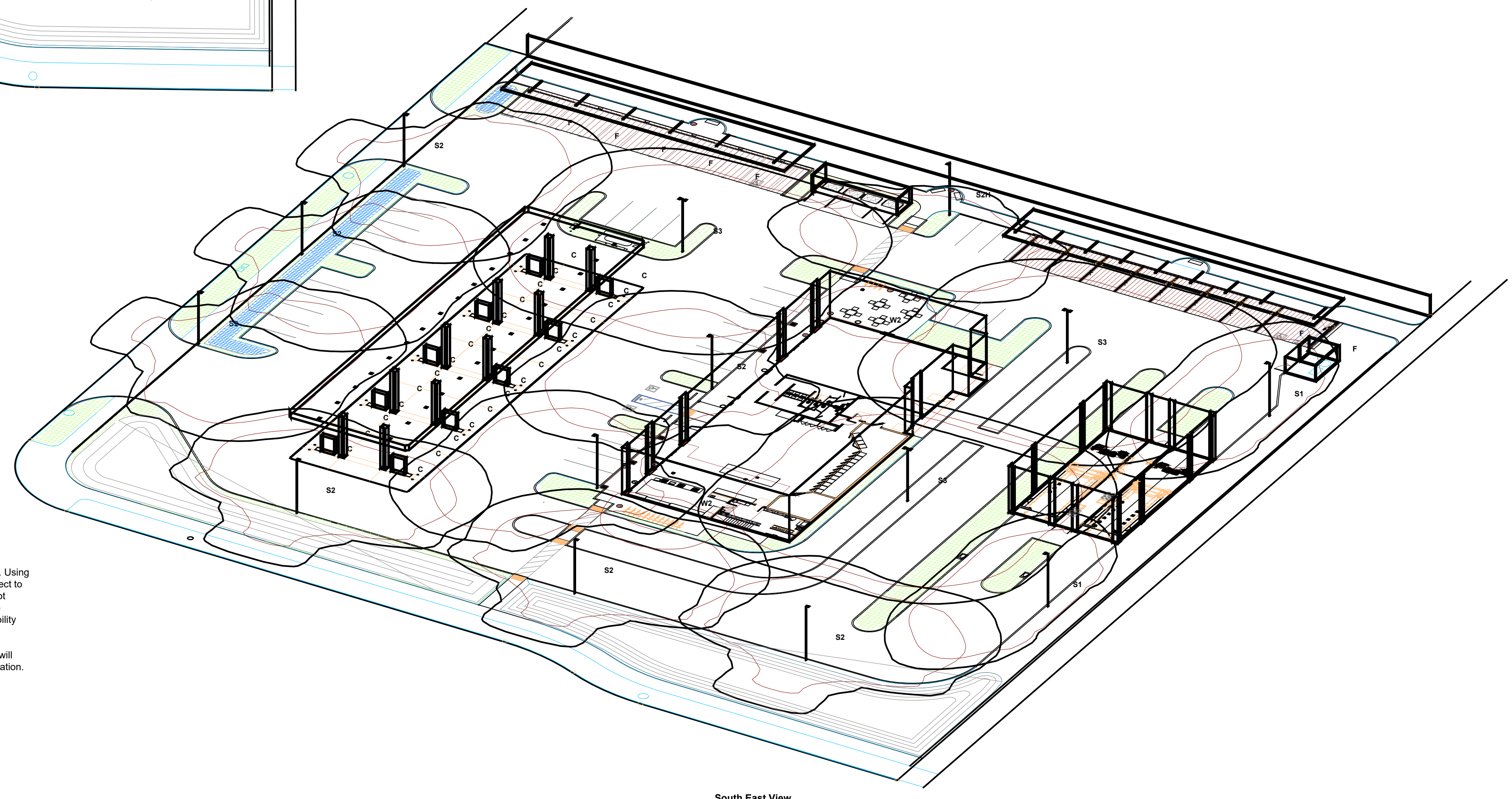


Plan View  
Scale - 1/32" = 1ft

Schedule									
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage
☐/⊕	C	28	HiGas	100W	FL12-100 4000K Ra80 F00A02	1	14618	0.9	100.4
		15	Lithoria Lighting	FEM L96 9000LM IMACD WD XX 40K 80CRI	FEM L96 9000LM IMACD WD XX 40K 80CRI 1		8824	0.9	64.03
☐/⊕	S	2	Lithoria Lighting	DSX0 LED P6 40K BLC MVOLT	DSX0 LED P6 40K BLC MVOLT	1	13089	0.9	134
☐/⊕	S2	8	Lithoria Lighting	DSX0 LED P6 40K TFTM MVOLT	DSX0 LED P6 40K TFTM MVOLT	1	15964	0.9	134
☐/⊕	S3	1	Lithoria Lighting	DSX0 LED P6 40K TFTM MVOLT HS	DSX0 LED P6 40K TFTM MVOLT with houseside shield	1	12465	0.9	134
☐/⊕	S3	3	Lithoria Lighting	DSX0 LED P6 40K T5M MVOLT	DSX0 LED P6 40K T5M MVOLT	1	16575	0.9	268
☐/⊕		2	Lithoria Lighting	WDGE2 LED P5 40K 80CRI VF	WDGE2 LED WITH P5 - PERFORMANCE PACKAGE, 4000K, 80CRI, VISUAL COMFORT FORWARD OPTIC	1	5996	0.9	48.44

Statistics					
Description	Symbol	Avg	Max	Min	Max/Min Avg/Min
30' NORTH LIGHT TRESSPASS	+	0.0 fc	0.0 fc	0.0 fc	N/A N/A
BY-PASS LANE	+	3.2 fc	5.8 fc	1.6 fc	3.6:1 2.0:1
CAR WASH LANE	+	3.1 fc	6.2 fc	1.1 fc	5.6:1 2.8:1
DRIVE / PARKING	+	4.6 fc	13.6 fc	1.1 fc	12.4:1 4.2:1
STORE DRIVE-THRU	+	3.3 fc	6.1 fc	1.2 fc	5.1:1 2.8:1
UNDER CARPORT	+	9.8 fc	18.1 fc	3.2 fc	5.7:1 3.1:1
UNDER GAS CANOPY	+	32.6 fc	42.8 fc	16.8 fc	2.5:1 1.9:1
UNDER VACUUM CARPORT	+	13.2 fc	21.1 fc	5.0 fc	4.2:1 2.6:1
WALKWAYS	+	2.9 fc	13.5 fc	0.3 fc	45.0:1 9.7:1
NORTH PATIO / BIKE RACK	X	4.7 fc	12.6 fc	1.6 fc	7.9:1 2.9:1
SOUTH BIKE RACK	X	9.0 fc	13.5 fc	4.4 fc	3.1:1 2.0:1

Luminaire Locations	
Label	MH
C	16.00
F9.00	
S2H	20.00
S1	20.00
S2	20.00
S3	20.00
W2	14.00



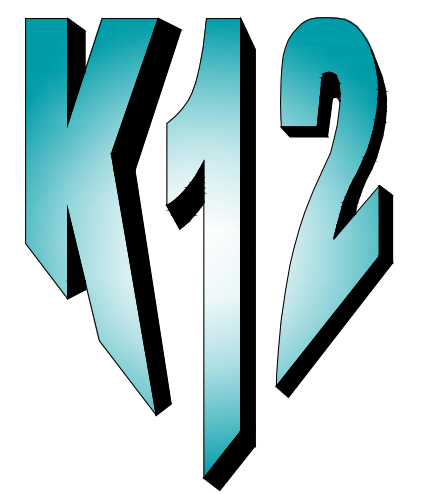
South East View

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Photometric analyses performed by CJS Lighting are intended for informational and/or estimation purposes only. Using industry-recognized software, calculations correspond to the information provided to CJS Lighting, and are subject to the limitations of the software and the information received. Assumptions may be made for information that is not provided or available. It is the responsibility of the end-user to consult with a professional engineering advisor to determine whether this design meets the applicable project requirements for lighting performance, safety, suitability and effectiveness for use in a particular application. End-user environments and application can cause field performance to differ from the calculated photometric performance represented in this lighting design. Due to the above considerations, CJS Lighting does not guarantee that actual light levels measured in the field will match initial calculations, and recommend that drawings be submitted to a certified electrical engineer for verification.

**SITE PHOTOMETRIC**

**A107**

Designer  
DEW  
Date  
03/30/2022  
Scale  
Not to Scale  
Drawing No.  
Summary



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REVISIONS:

DESIGN REVIEW CHANGES 3-31-22

PROFESSIONAL SEALS:



PROJECT NUMBER:

20-041

PROJECT DATE:

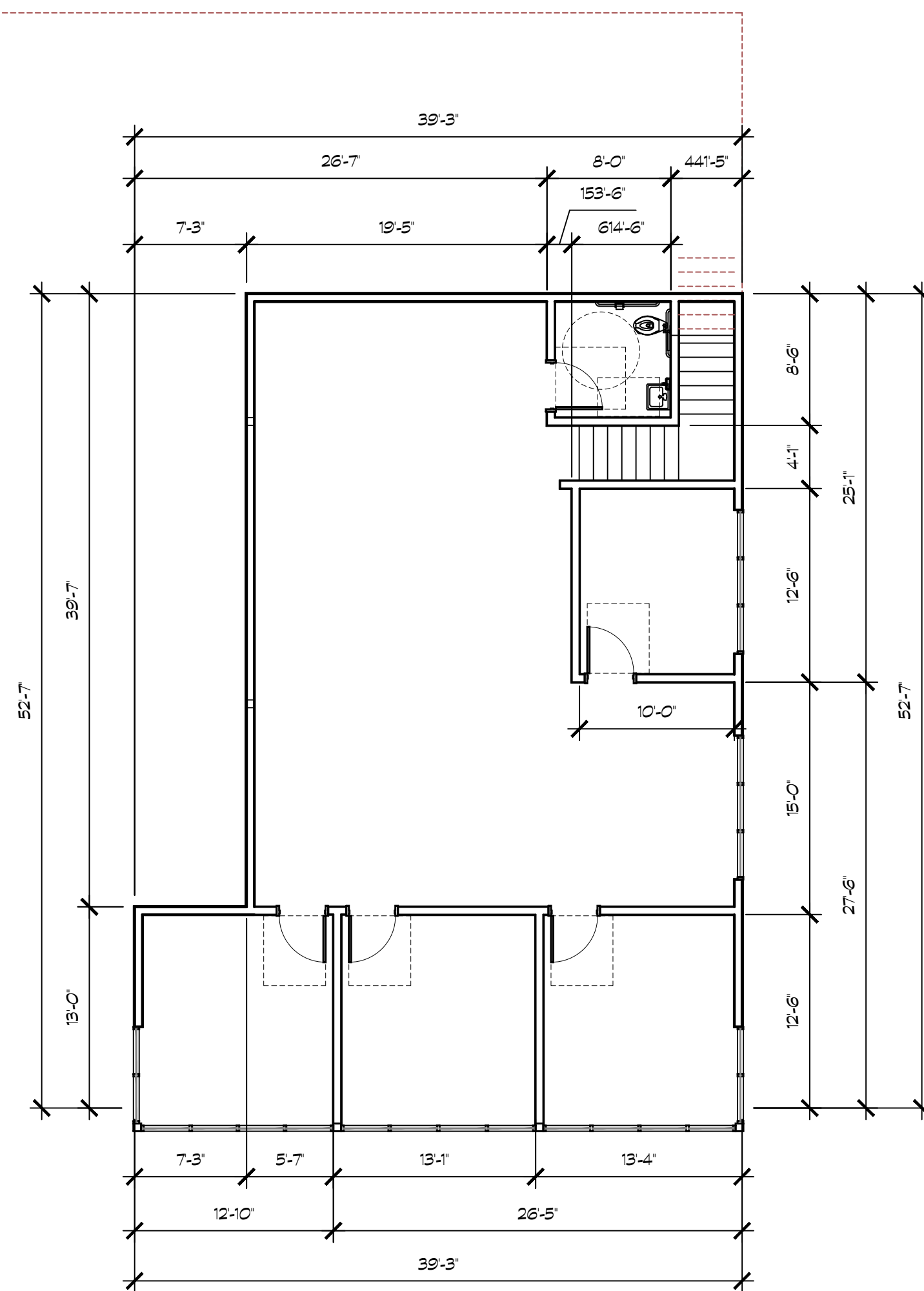
09-17-21

SHEET CONTENTS:

**C STORE FLOOR  
PLAN**

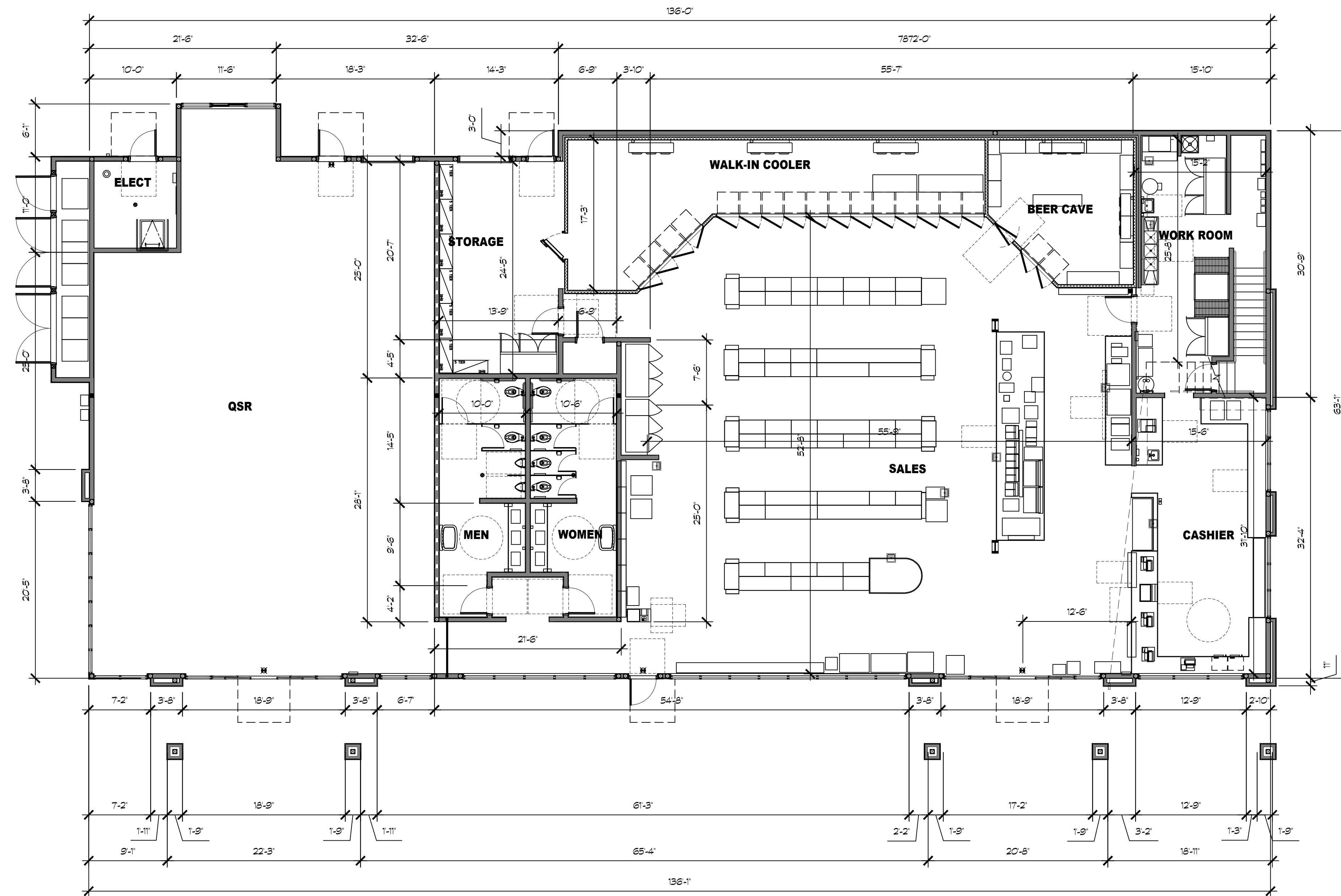
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**A201**



**20 C STORE SECOND FLOOR PLAN**

SCALE: 1/8" = 1'-0"



**18 C STORE FIRST FLOOR PLAN**

SCALE: 1/8" = 1'-0"



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REVISIONS:

DESIGN REVIEW CHANGES 3-31-22

PROFESSIONAL SEALS:



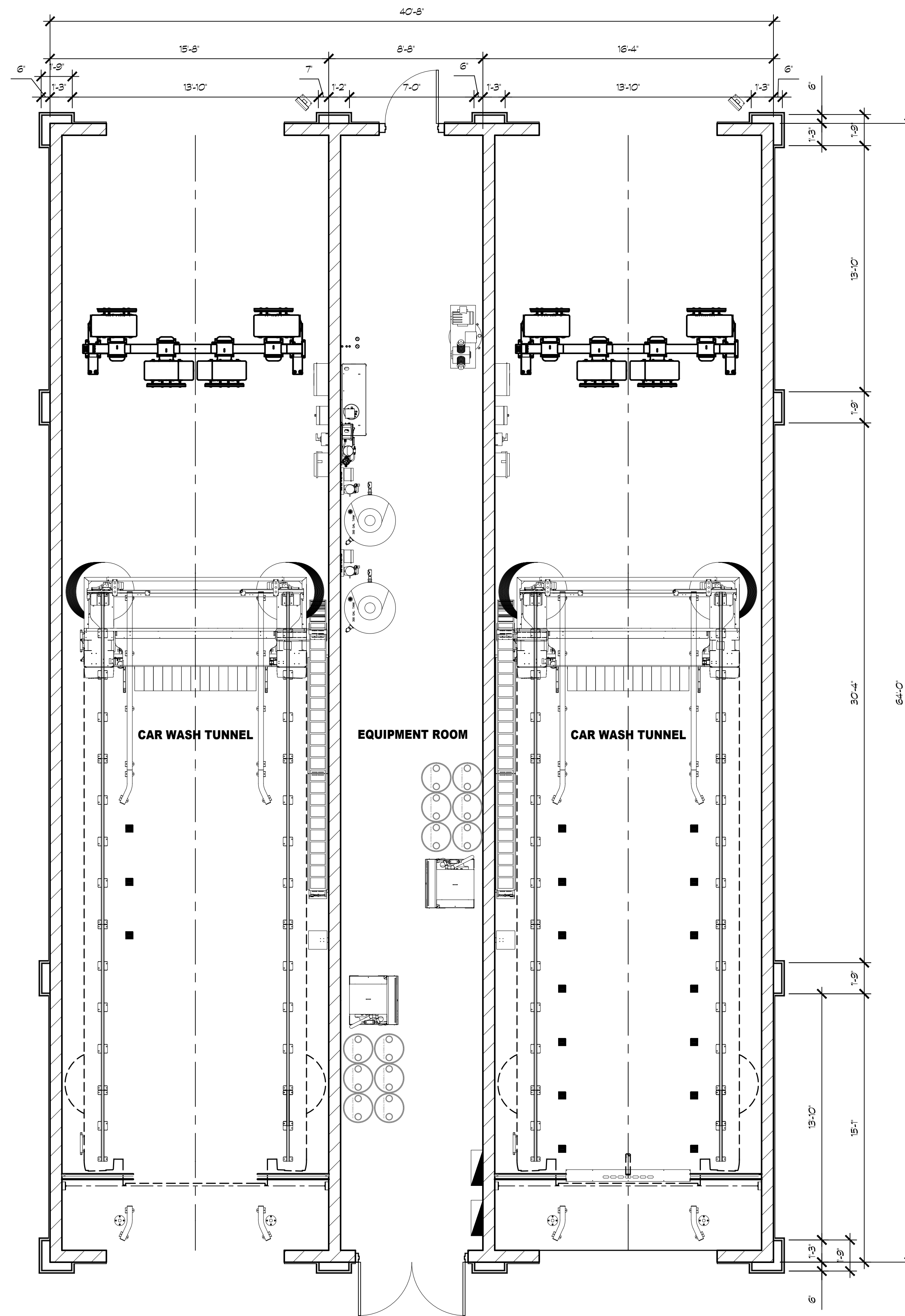
PROJECT NUMBER: **20-041** PROJECT DATE: **09-17-21**

SHEET CONTENTS:

**C STORE FLOOR  
PLAN**

SHEET NUMBER:

**A202**





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PROJECT:

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**CONVENIENCE STORE,  
FUELING CANOPY & CAR WASH**

**Betteravia Road,  
Santa Maria, California 93454**

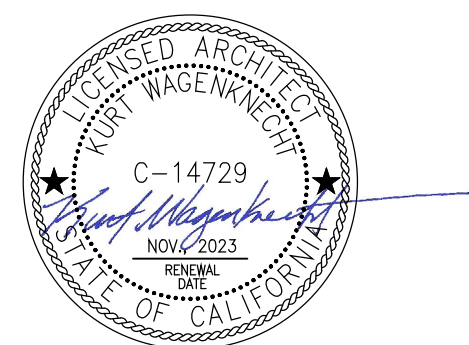
DEVELOPER:

**KAUTZ  
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GROVER BEACH, CA 93433**

REVISIONS:

DESIGN REVIEW CHANGES 3-31-22

PROFESSIONAL SEALS:



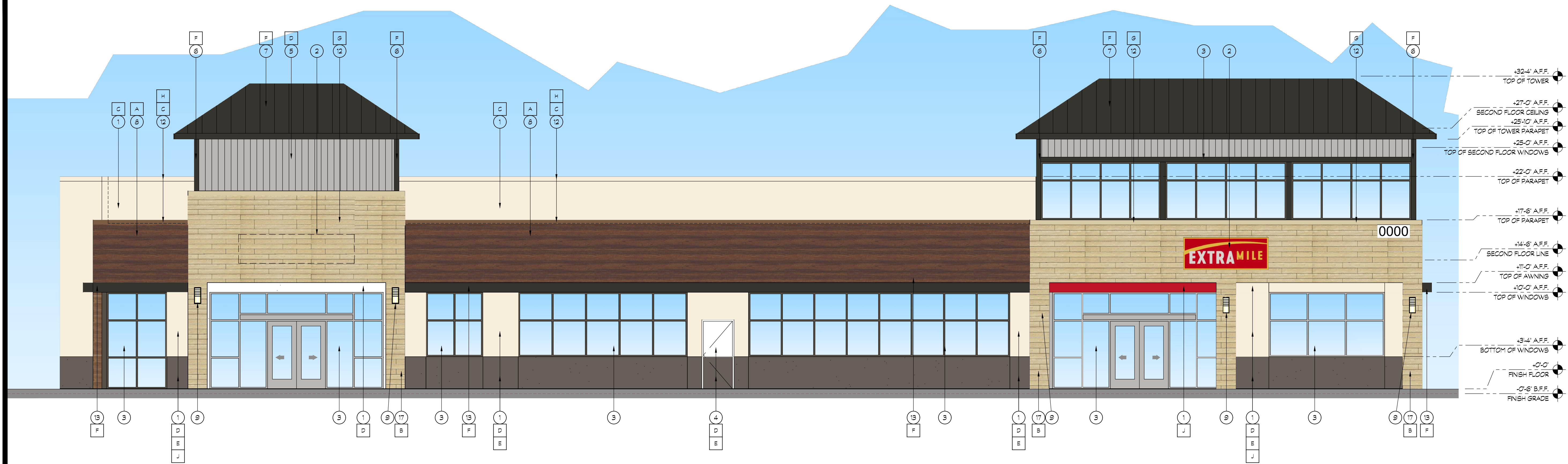
PROJECT NUMBER: **20-041** PROJECT DATE: **09-17-21**

SHEET CONTENTS:

**FLOOR PLAN**

SHEET NUMBER:

**A301**



**18 C STORE EAST EXTERIOR ELEVATION**

SCALE: 3/16"= 1'-0"



**20 C STORE NORTH EXTERIOR ELEVATION**

SCALE: 3/16"= 1'-0"

**KEY NOTES**

- 1 7/8" THREE COAT STUCCO SYSTEM OVER DUPONT TYVEK DRAINWRAP
- 2 SIGNAGE, BY OWNER
- 3 STOREFRONT WINDOW SYSTEM; DARK BRONZE ANODIZED, 2"x4.5" CENTER GLAZING SYSTEM; WITH 1" CLEAR DUAL GLAZING
- 4 HOLLOW CORE METAL DOOR
- 5 METAL SIDING- PAINTED
- 6 METAL TRIM- PAINTED
- 7 STANDING SEAM METAL ROOFING
- 8 DIAL HORIZONTAL METAL PANEL OVER DUPONT TYVEK DRAINWRAP OVER PLYWOOD SHEATHING
- 9 WALL LIGHT BY OWNER
- 10 ROOF LINE AND WALL BEYOND
- 11 STREET ADDRESS, 12" HIGH LETTERS, 1 1/2" STROKE, BLACK, BACKGROUND COLOR TO MATCH TRIM COLOR, WALL WASH ILLUMINATION
- 12 METAL FLASHING - PAINT TO MATCH DAL TILE OR CEMENT PLASTER
- 13 METAL AWNING- PAINTED
- 14 WINDOW GRAPHICS- BY OWNER
- 15 METAL ROLL-UP DOOR
- 16 LANDSCAPE SCREEN
- 17 STONE TILE OVER EXTERIOR CEMENT PLASTER OVER METAL LATH OVER DUPONT TYVEK DRAINWRAP

**COLOR LEGEND**

- A 1/3-01 AMAZAUQUE BROWN AMAZAUQUE BRUN
- B DAL TILE ACAGIA VALLEY STONE- 'AV13 ASH'
- C DUNN EDWARDS PAINT DE6183 'HOME PLATE'
- D SHERWIN WILLIAMS SW6002- 'ESSENTIAL GRAY'
- E SHERWIN WILLIAMS SW7083- 'DARK ROOM'
- F AEP SPAN METAL ROOFING- 'WALNUT'
- G DUNN EDWARDS PAINT DE6183- 'LIGHT ASPIRATION'
- H DUNN EDWARDS PAINT DEA163- 'RODED'
- J CHEVRON BURGANDY







**Architects**

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Sacramento, CA 95827

PH:(916) 455-6500 FAX:(916) 455-8100

CONSULTANTS:

CONTRACTOR:

PROJECT:

**BETTERAVIA  
CHEVRON**

**CONVENIENCE STORE,  
FUELING CANOPY & CAR  
WASH**

**Betteravia Road,  
Santa Maria, California 93454**

DEVELOPER:

**KAUTZ  
1284 N. GRAND AVE  
GROVER BEACH, CA 93433**

REVISIONS:

DESIGN REVIEW CHANGES 3-31-22

PROFESSIONAL SEALS:



PROJECT NUMBER: **20-041** PROJECT DATE: **09-17-21**

SHEET CONTENTS:

**CAR WASH  
EXTERIOR  
ELEVATIONS**

SHEET NUMBER:

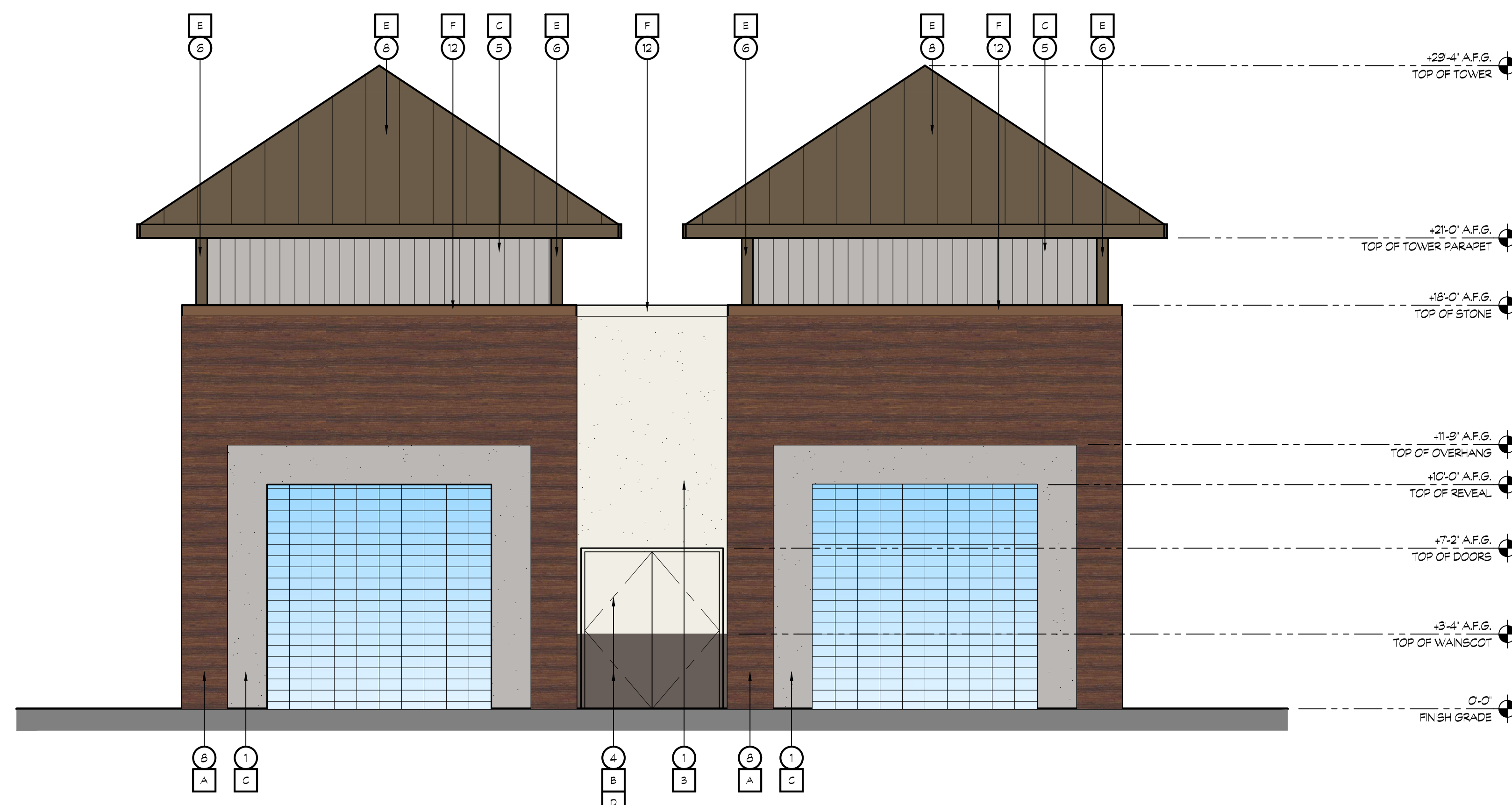
**A303**

**KEY NOTES**

- ① 7/8" THREE COAT STUCCO SYSTEM OVER DUPONT TYVEK DRAINWRAP
- ② SIGNANGE, BY OWNER
- ③ STOREFRONT WINDOW SYSTEM; DARK BRONZE ANODIZED, 2'x4.5' CENTER GLAZING SYSTEM; WITH 1" CLEAR DUAL GLAZING
- ④ HOLLOW CORE METAL DOOR
- ⑤ METAL SIDING- PAINTED
- ⑥ METAL TRIM- PAINTED
- ⑦ STANDING SEAM METAL ROOFING
- ⑧ DIAL HORIZONTAL METAL PANEL OVER DUPONT TYVEK DRAINWRAP OVER PLYWOOD SHEATHING
- ⑨ WALL LIGHT BY OWNER
- ⑩ ROOF LINE AND WALL BEYOND
- ⑪ STREET ADDRESS, 12" HIGH LETTERS, 1 1/2" STROKE, BLACK, BACKGROUND COLOR TO MATCH TRIM COLOR, WALL WASH ILLUMINATION
- ⑫ METAL FLASHING - PAINT TO MATCH DAL TILE OR CEMENT PLASTER
- ⑬ METAL AWNING- PAINTED
- ⑭ WINDOW GRAPHICS- BY OWNER
- ⑮ METAL ROLL-UP DOOR
- ⑯
- ⑰

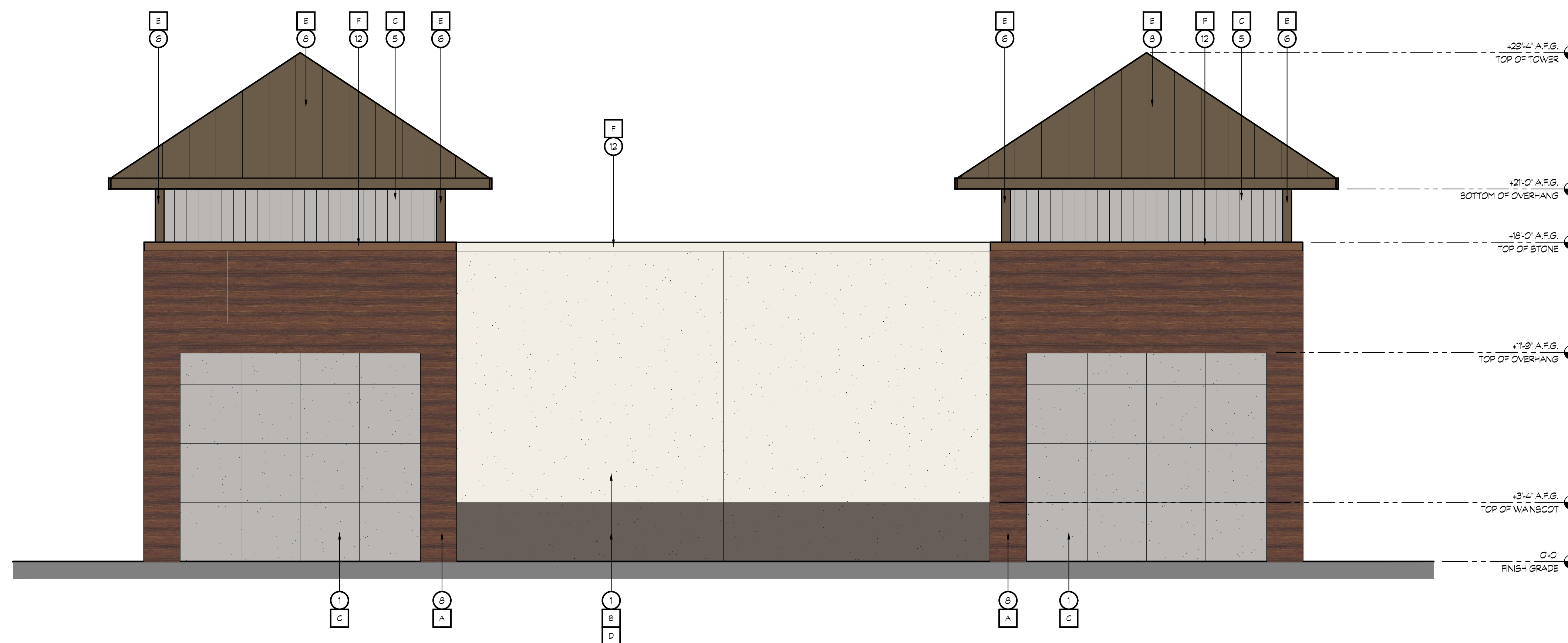
**COLOR LEGEND**

- |   |   |  |
|---|---|--|
| A | 113-01 AMAZAGUE BROWN AMAZAGUE BRUN       |  |
| B | SHERWIN WILLIAMS SW7005- 'PURE WHITE'     |  |
| C | SHERWIN WILLIAMS SW6002- 'ESSENTIAL GRAY' |  |
| D | SHERWIN WILLIAMS SW7083- 'DARK ROOM'      |  |
| E | AEP SPAN METAL ROOFING- 'WALNUT'          |  |
| F | DUNN EDWARDS PAINT DE4163- 'RODEO'        |  |



**18 CAR WASH SOUTH EXTERIOR ELEVATION**

SCALE: 1/4"= 1'-0"



**20 CAR WASH EAST EXTERIOR ELEVATION**

SCALE: 1/4"= 1'-0"

CONSULTANTS:

CONTRACTOR:

PROJECT:

**BETTERAVIA  
CHEVRON**

**CONVENIENCE STORE,  
FUELING CANOPY & CAR  
WASH**

**Betteravia Road,  
Santa Maria, California 93454**

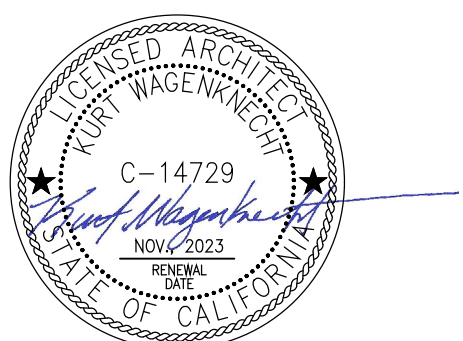
DEVELOPER:

**KAUTZ  
1284 N. GRAND AVE  
GROVER BEACH, CA 93433**

REVISIONS:

DESIGN REVIEW CHANGES 3-31-22

PROFESSIONAL SEALS:



PROJECT NUMBER: **20-041** PROJECT DATE: **09-17-21**

SHEET CONTENTS:

**CAR WASH  
EXTERIOR  
ELEVATIONS**

SHEET NUMBER:

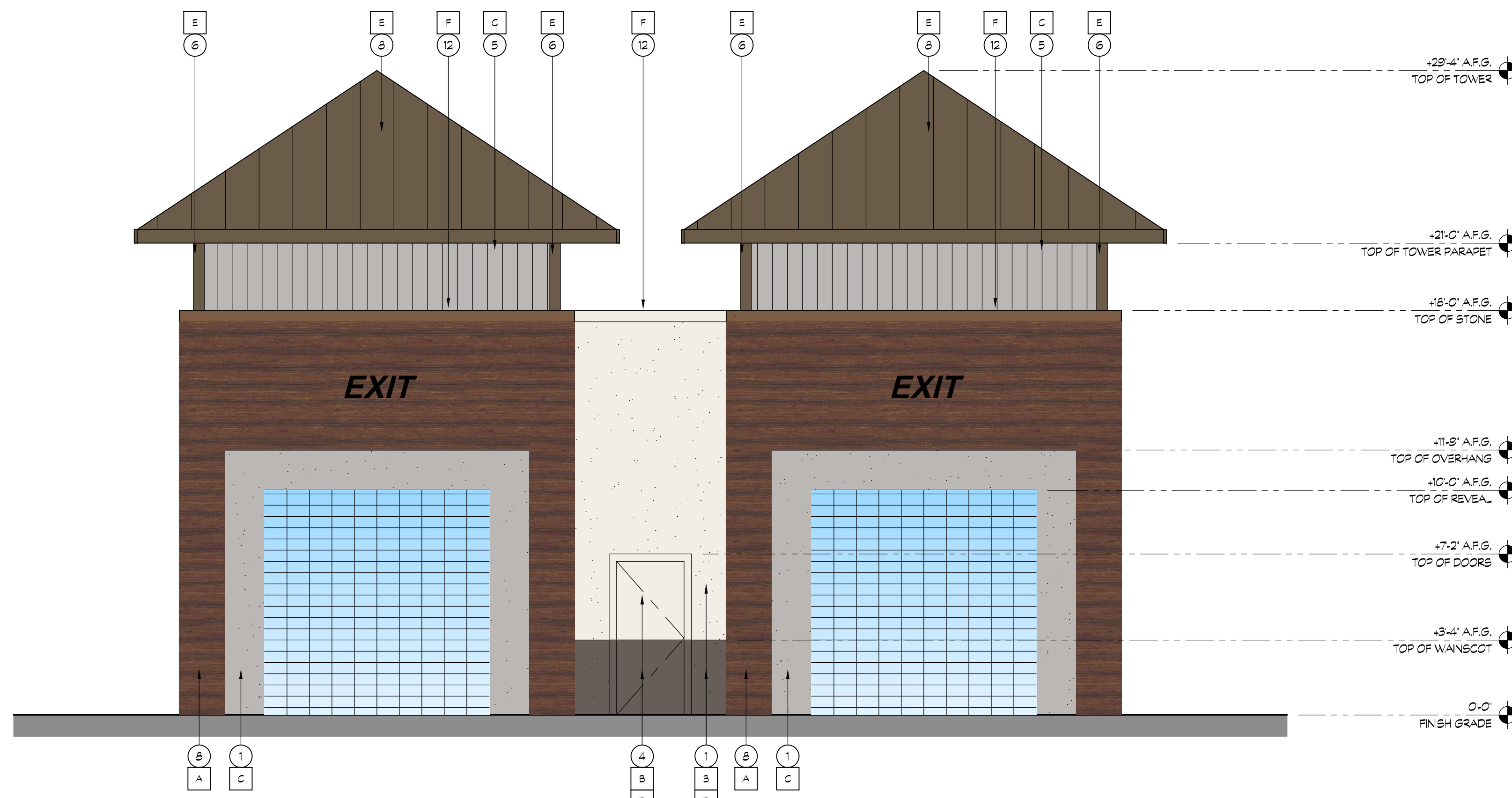
**A304**

**KEY NOTES**

- 1 7/8" THREE COAT STUCCO SYSTEM OVER DUPONT TYVEK DRAINWRAP
- 2 SIGNAGE, BY OWNER
- 3 STOREFRONT WINDOW SYSTEM; DARK BRONZE ANODIZED, 2'x4.5' CENTER GLAZING SYSTEM; WITH 1" CLEAR DUAL GLAZING
- 4 HOLLOW CORE METAL DOOR
- 5 METAL SIDING- PAINTED
- 6 METAL TRIM- PAINTED
- 7 STANDING SEAM METAL ROOFING
- 8 DIAL HORIZONTAL METAL PANEL OVER DUPONT TYVEK DRAINWRAP OVER PLYWOOD SHEATHING
- 9 WALL LIGHT BY OWNER
- 10 ROOF LINE AND WALL BEYOND
- 11 STREET ADDRESS, 12" HIGH LETTERS, 1 1/2" STROKE, BLACK, BACKGROUND COLOR TO MATCH TRIM COLOR, WALL WASH ILLUMINATION
- 12 METAL FLASHING - PAINT TO MATCH DAL TILE OR CEMENT PLASTER
- 13 METAL AWNING- PAINTED
- 14 WINDOW GRAPHICS- BY OWNER
- 15 METAL ROLL-UP DOOR
- 16
- 17

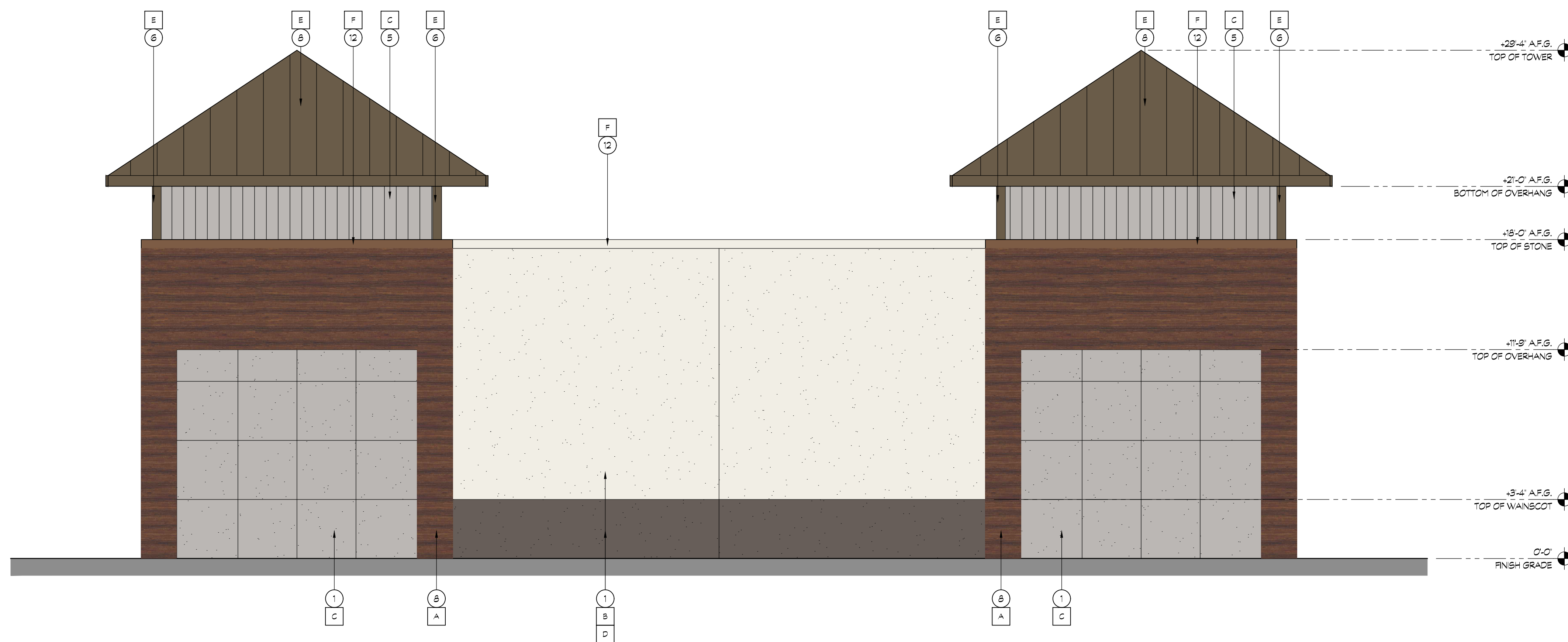
**COLOR LEGEND**

- |   |   |  |
|---|---|--|
| A | 113-01 AMAZAGUE BROWN AMAZAGUE BRUN       |  |
| B | SHERWIN WILLIAMS SW7005- 'PURE WHITE'     |  |
| C | SHERWIN WILLIAMS SW6002- 'ESSENTIAL GRAY' |  |
| D | SHERWIN WILLIAMS SW7083- 'DARK ROOM'      |  |
| E | AEP SPAN METAL ROOFING- 'WALNUT'          |  |
| F | DUNN EDWARDS PAINT DE463- 'RODEO'         |  |



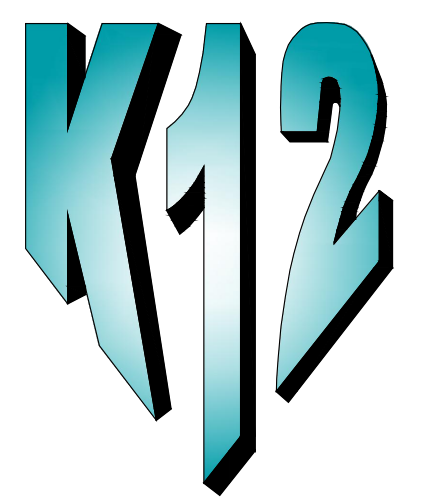
**18 CAR WASH NORTH EXTERIOR ELEVATION**

SCALE: 1/4" = 1'-0"



**20 CAR WASH WEST EXTERIOR ELEVATION**

SCALE: 1/4" = 1'-0"



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**Betteravia Road,  
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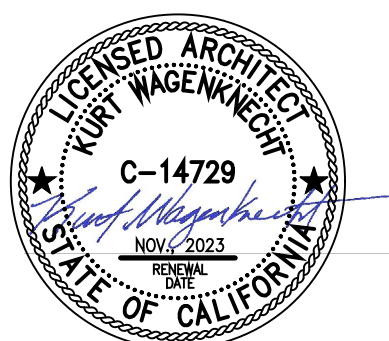
DEVELOPER:

**KAUTZ  
1284 N. GRAND AVE  
GROVER BEACH, CA 93433**

REVISIONS:

DESIGN REVIEW CHANGES 3-31-22

PROFESSIONAL SEALS:



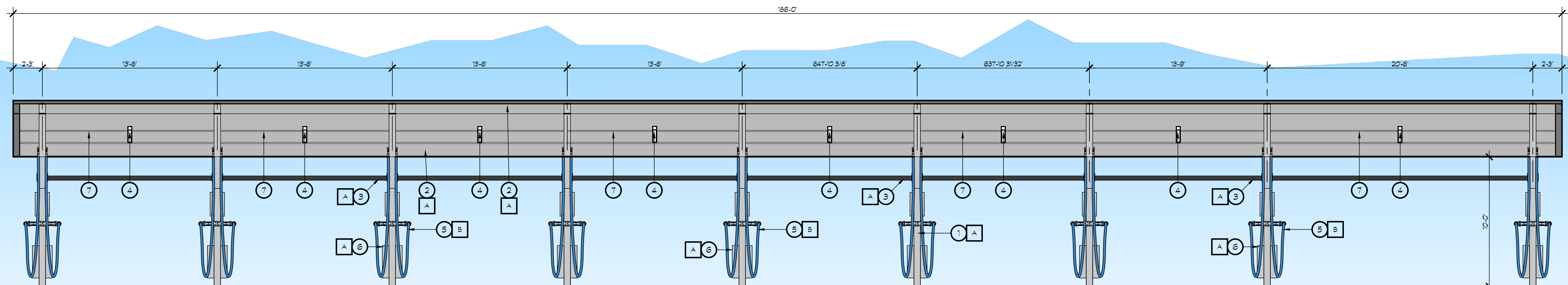
PROJECT NUMBER: **20-041** PROJECT DATE: **09-17-21**

SHEET CONTENTS:

**VACUUM CANOPY  
ELEVATIONS**

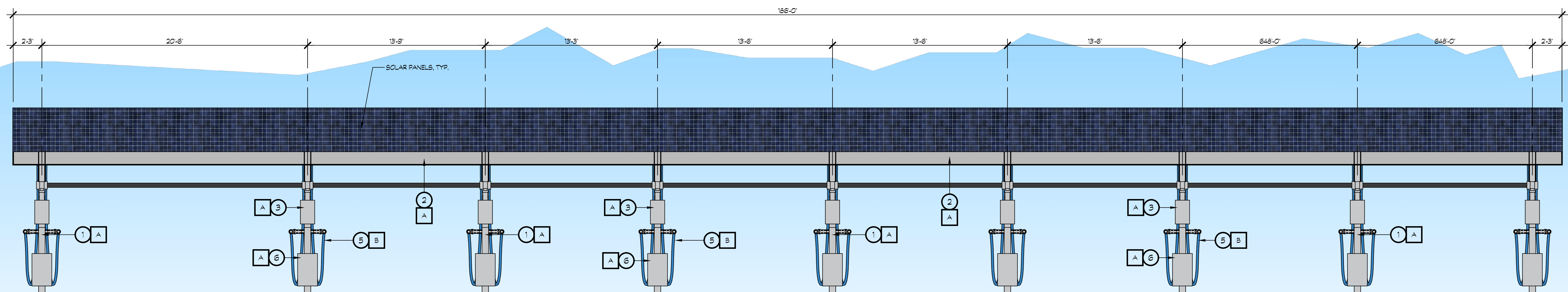
SHEET NUMBER:

**A305**



**18 VACUUM STATION NORTH ELEVATION (FROM DRIVEWAY)**

SCALE: 1/4" = 1'-0"



**19 VACUUM STATION SOUTH ELEVATION (FROM BUILDING SIDE)**

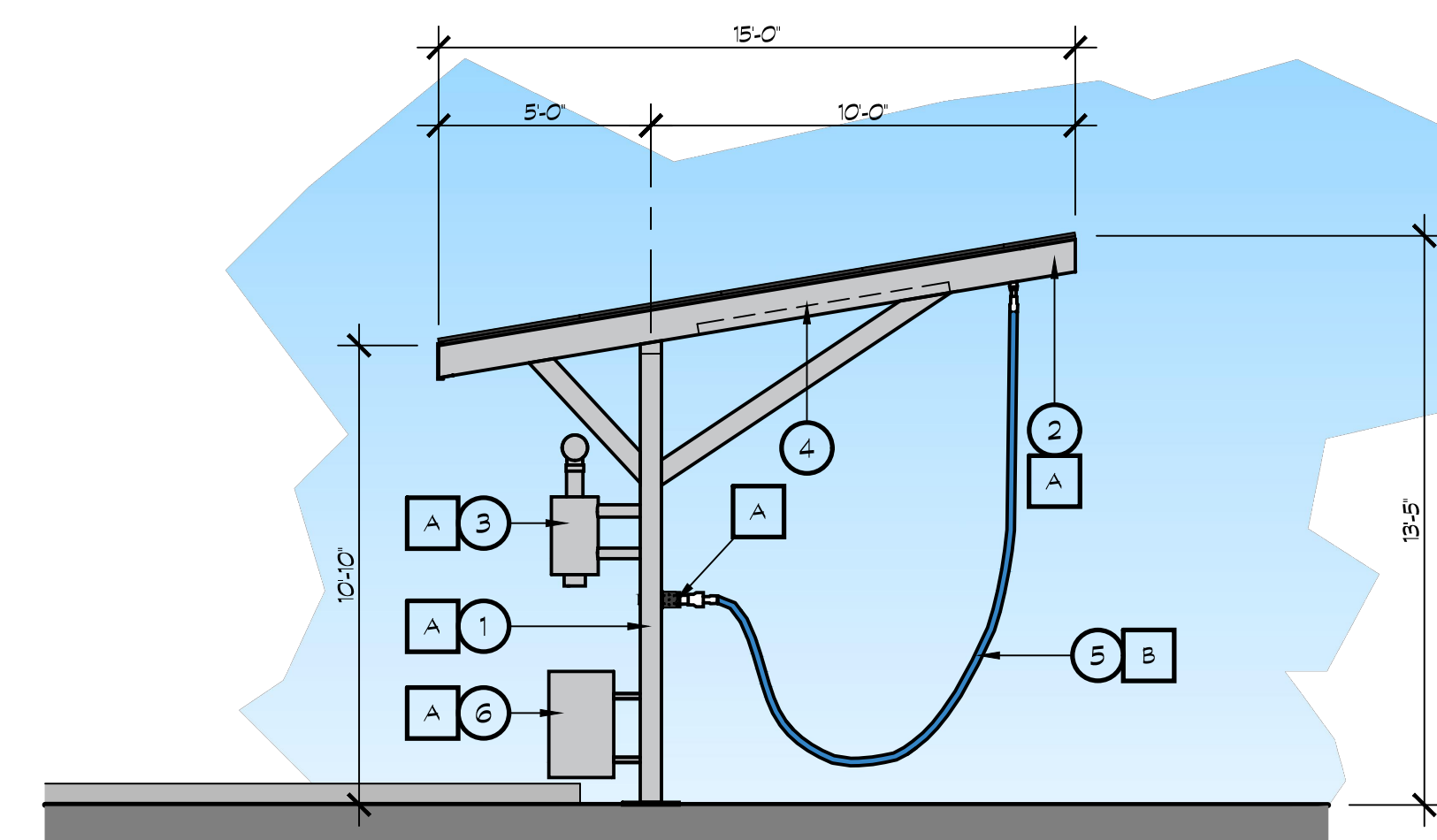
SCALE: 1/4" = 1'-0"

**KEY NOTES**

- 1 STEEL COLUMN
- 2 STEEL BEAM
- 3 VACUUM PIPES ETC
- 4 LED LIGHT FIXTURE, LOW PROFILE W/ SENSOR- SEE DETAIL 14/A107 FOR STYLE & DETAIL
- 5 VACUUM HOSE
- 6 FIXED METAL TRASH CAN
- 7 UNDERSIDE OF SOLAR PANELS

**COLOR LEGEND**

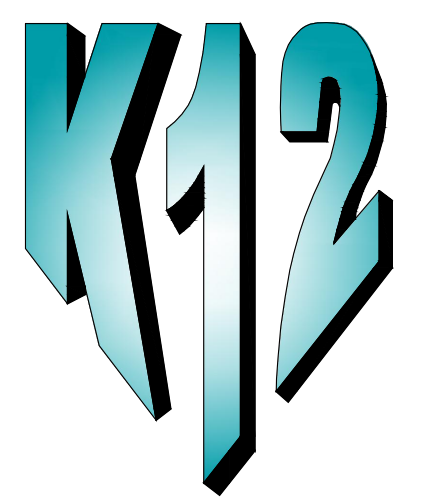
- A DUNN EDWARDS PAINT - DET617 - WINTER MORN
- B VACUTECH HOSE COLOR: BLUE



**4 VACUUM STATION EAST ELEVATION**

WEST ELEVATION SIMILAR

SCALE: 1/4" = 1'-0"



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**Betteravia Road,  
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DEVELOPER:

**KAUTZ  
1284 N. GRAND AVE  
GROVER BEACH, CA 93433**

REVISIONS:

DESIGN REVIEW CHANGES 3-31-22

PROFESSIONAL SEALS:



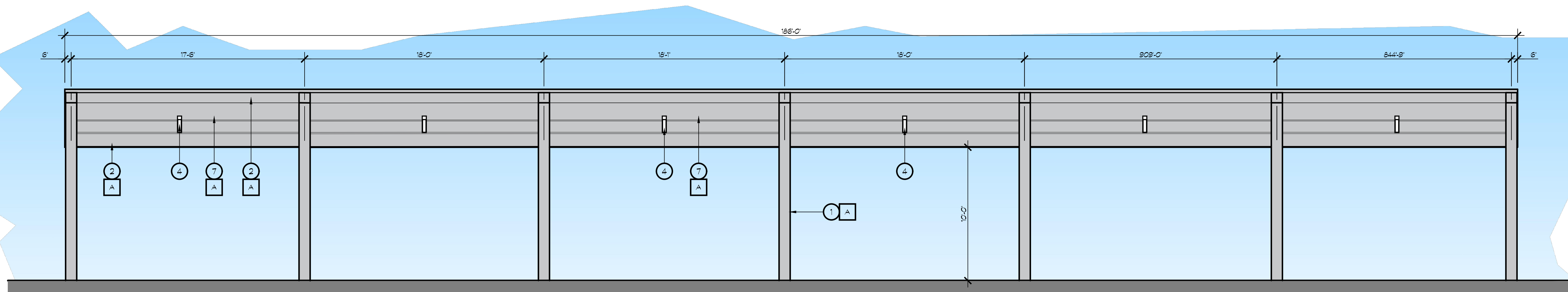
PROJECT NUMBER: **20-041** PROJECT DATE: **09-17-21**

SHEET CONTENTS:

**VACUUM CANOPY  
ELEVATIONS**

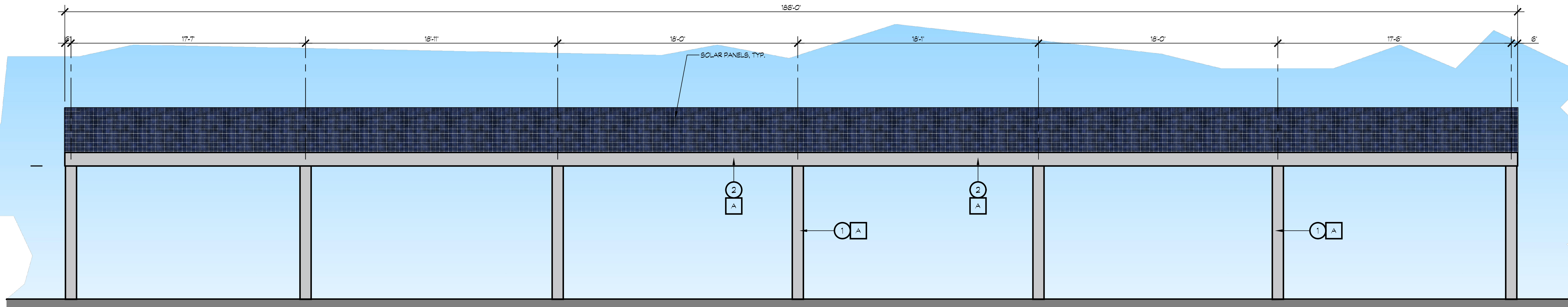
SHEET NUMBER:

**A306**



**9 PARKING CANOPY WEST ELEVATION**

SCALE: 1/4" = 1'-0"



**11 PARKING CANOPY EAST ELEVATION**

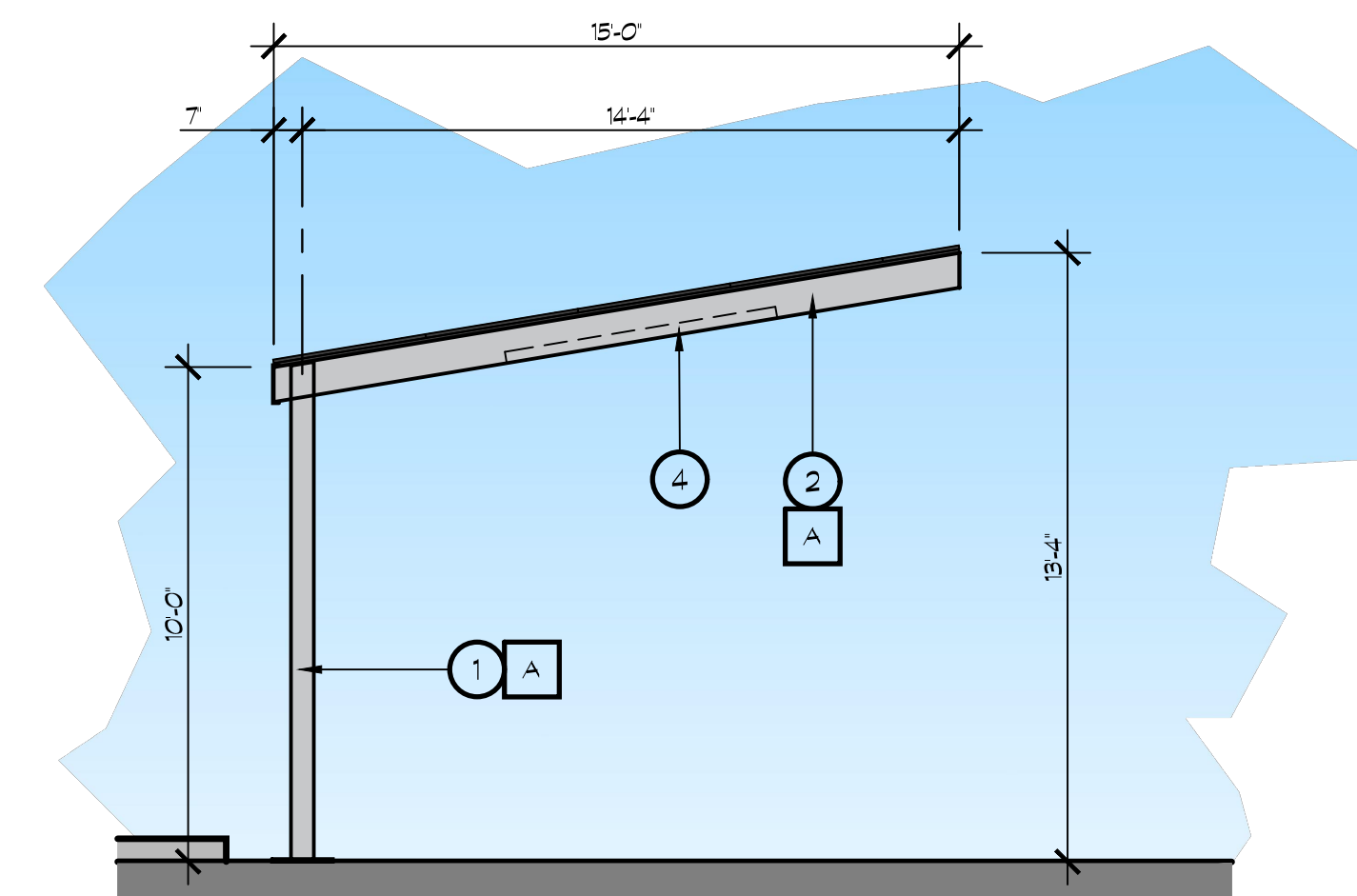
SCALE: 1/4" = 1'-0"

**KEY NOTES**

- 1 STEEL COLUMN
- 2 STEEL BEAM
- 3 VACUUM PIPES ETC
- 4 LED LIGHT FIXTURE, LOW PROFILE W/ SENSOR- SEE DETAIL 14/A107 FOR STYLE & DETAIL
- 5 VACUUM HOSE
- 6 FIXED METAL TRASH CAN
- 7 UNDERSIDE OF SOLAR PANELS- PAINT TO MATCH CANOPY
- 8 PAY STATION EQUIPMENT

**COLOR LEGEND**

A DUNN EDWARDS PAINT - DET611 - WINTER MORN



**8 PARKING CANOPY SOUTH ELEVATION**

NORTH ELEVATION SIMILAR

SCALE: 1/4" = 1'-0"



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**Architects**

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CONSULTANTS:

CONTRACTOR:

PROJECT:

**BETTERAVIA  
CHEVRON**

**CONVENIENCE STORE,  
FUELING CANOPY & CAR  
WASH**

**Betteravia Road,  
Santa Maria, California 93454**

DEVELOPER:

**KAUTZ  
1284 N. GRAND AVE  
GROVER BEACH, CA 93433**

REVISIONS:

DESIGN REVIEW CHANGES 3-31-22

PROFESSIONAL SEALS:



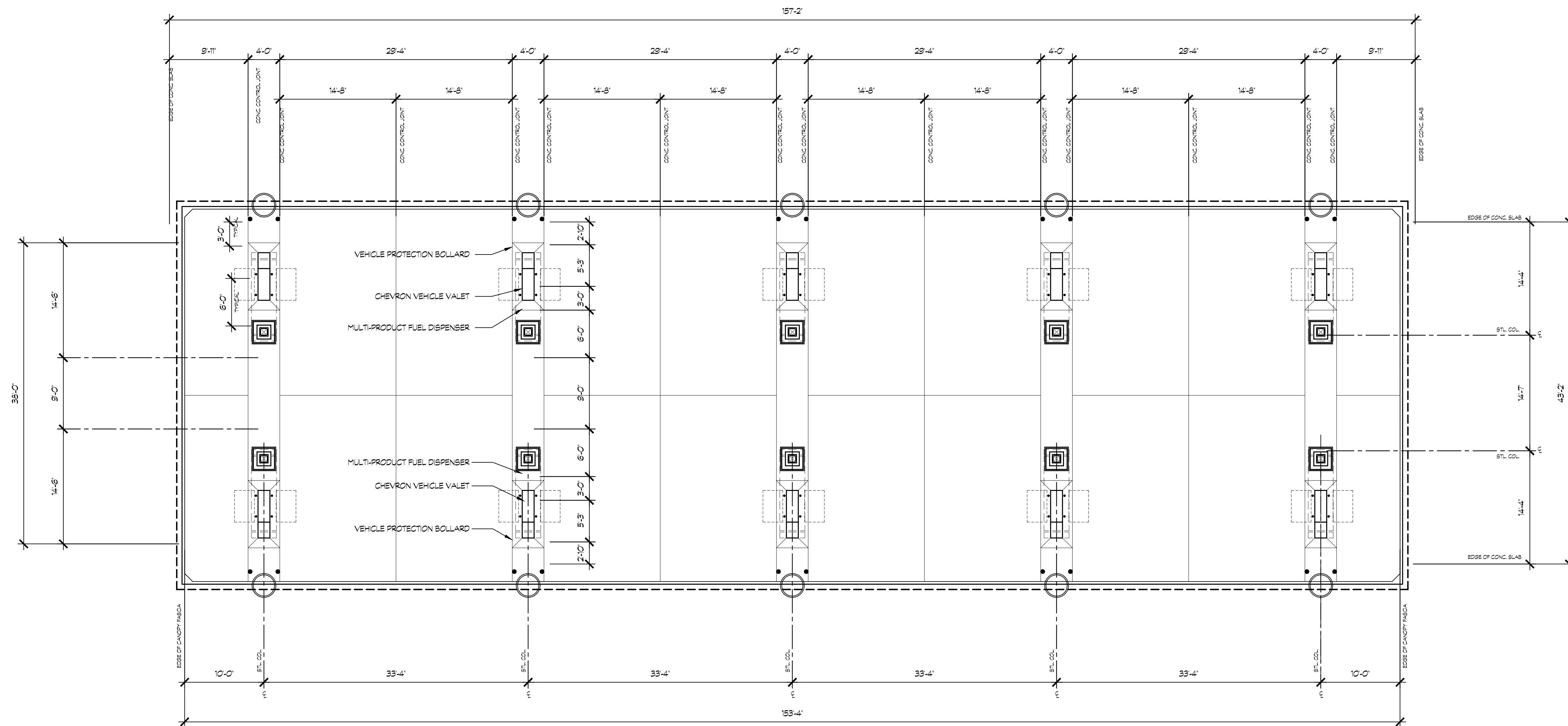
PROJECT NUMBER: **20-041** PROJECT DATE: **09-17-21**

SHEET CONTENTS:

**AUTO FUELING  
CANOPY**

SHEET NUMBER:

**A901**





**K12  
Architects**

K12 Architects, Inc  
3090 Fite Circle, #104  
Sacramento, CA 95827

PH:(916) 455-6500 FAX:(916) 455-8100

CONSULTANTS:

CONTRACTOR:

PROJECT:

**BETTERAVIA  
CHEVRON**

**CONVENIENCE STORE,  
FUELING CANOPY & CAR  
WASH**

**Betteravia Road,  
Santa Maria, California 93454**

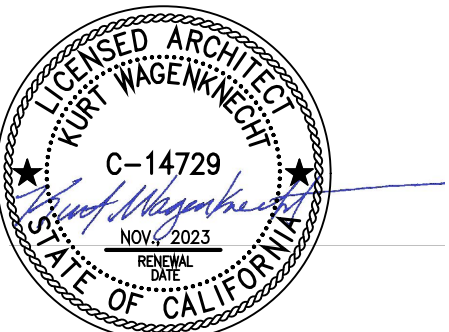
DEVELOPER:

**KAUTZ  
1284 N. GRAND AVE  
GROVER BEACH, CA 93433**

REVISIONS:

DESIGN REVIEW CHANGES 3-31-22

PROFESSIONAL SEALS:



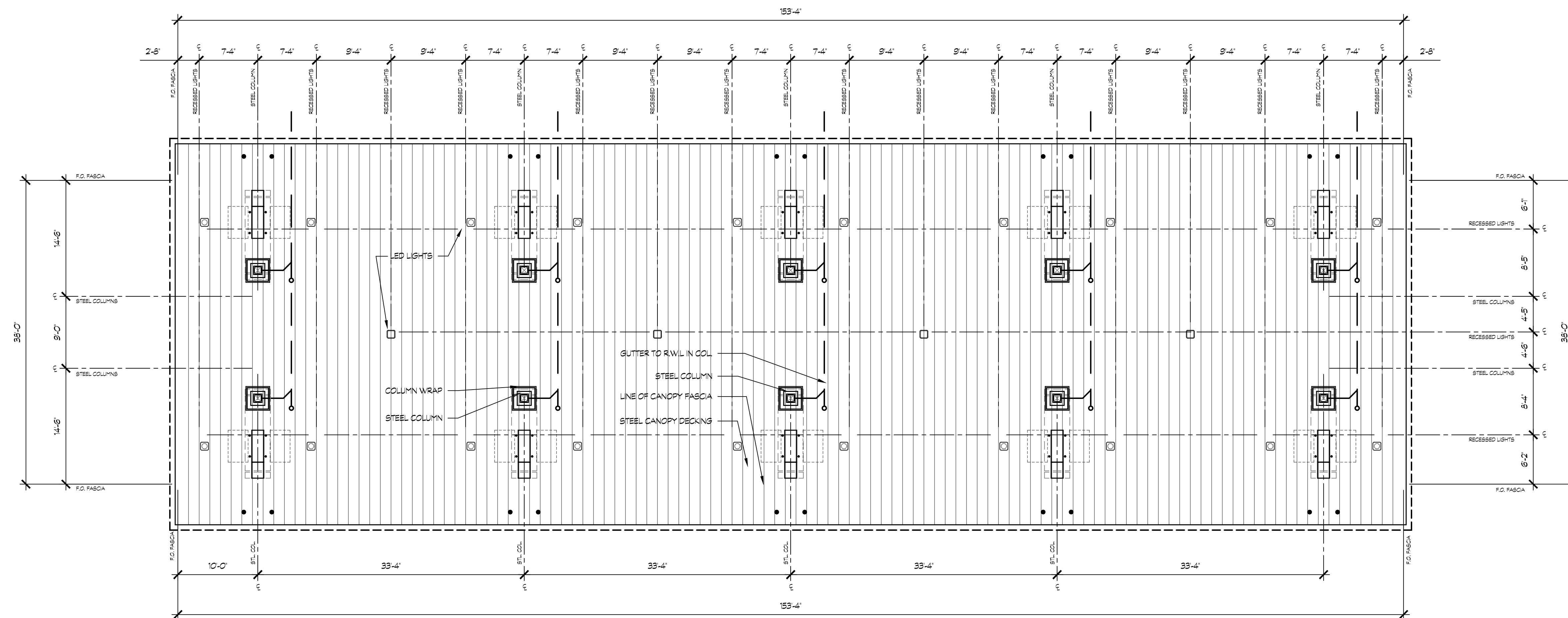
PROJECT NUMBER: **20-041** PROJECT DATE: **09-17-21**

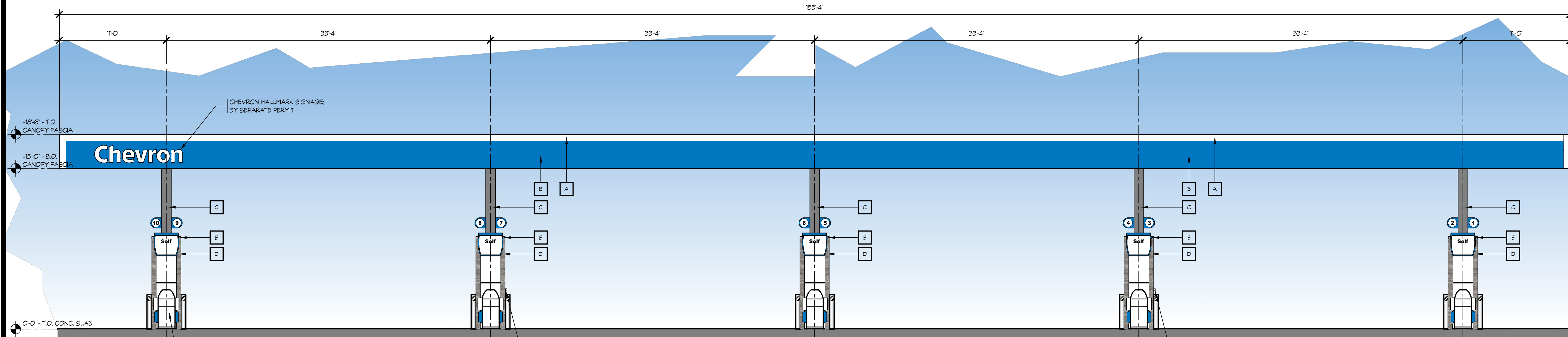
SHEET CONTENTS:

**FUELING CANOPY  
REFLECTED CEILING  
PLAN**

SHEET NUMBER:

**A902**

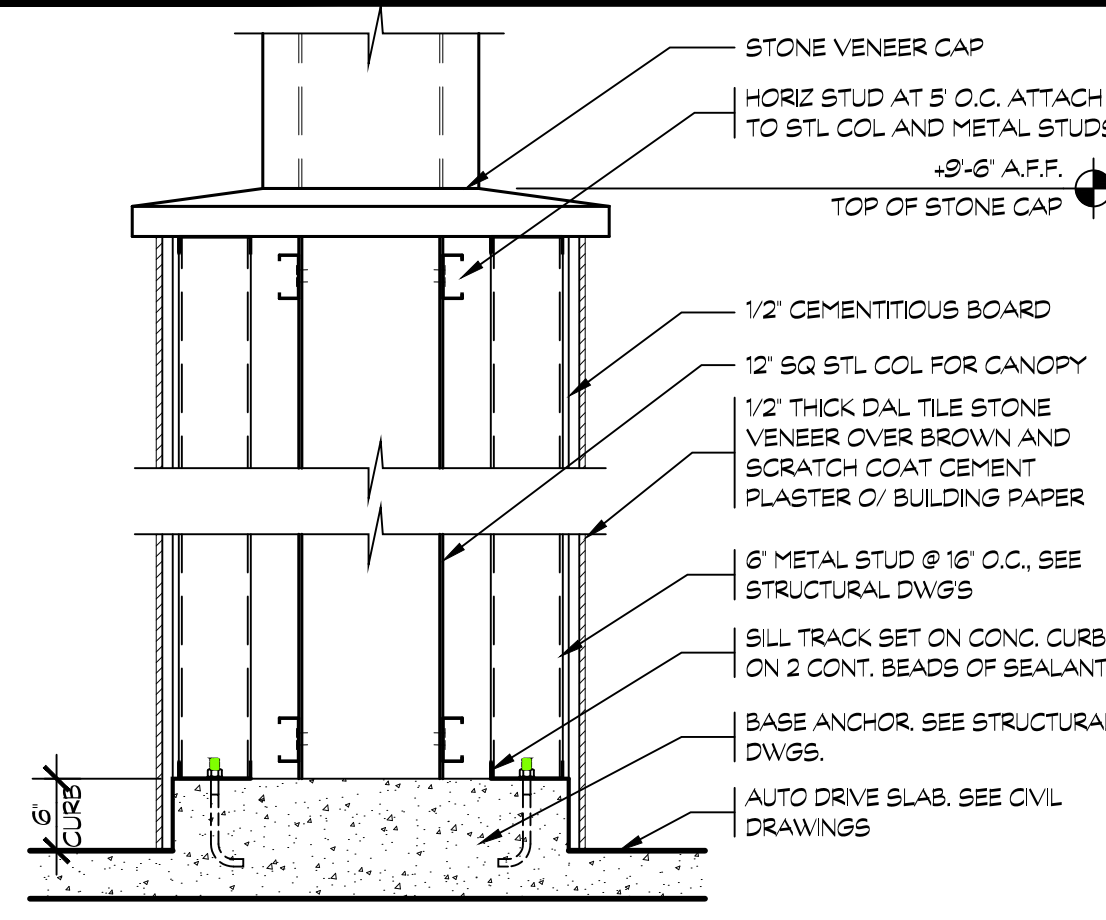




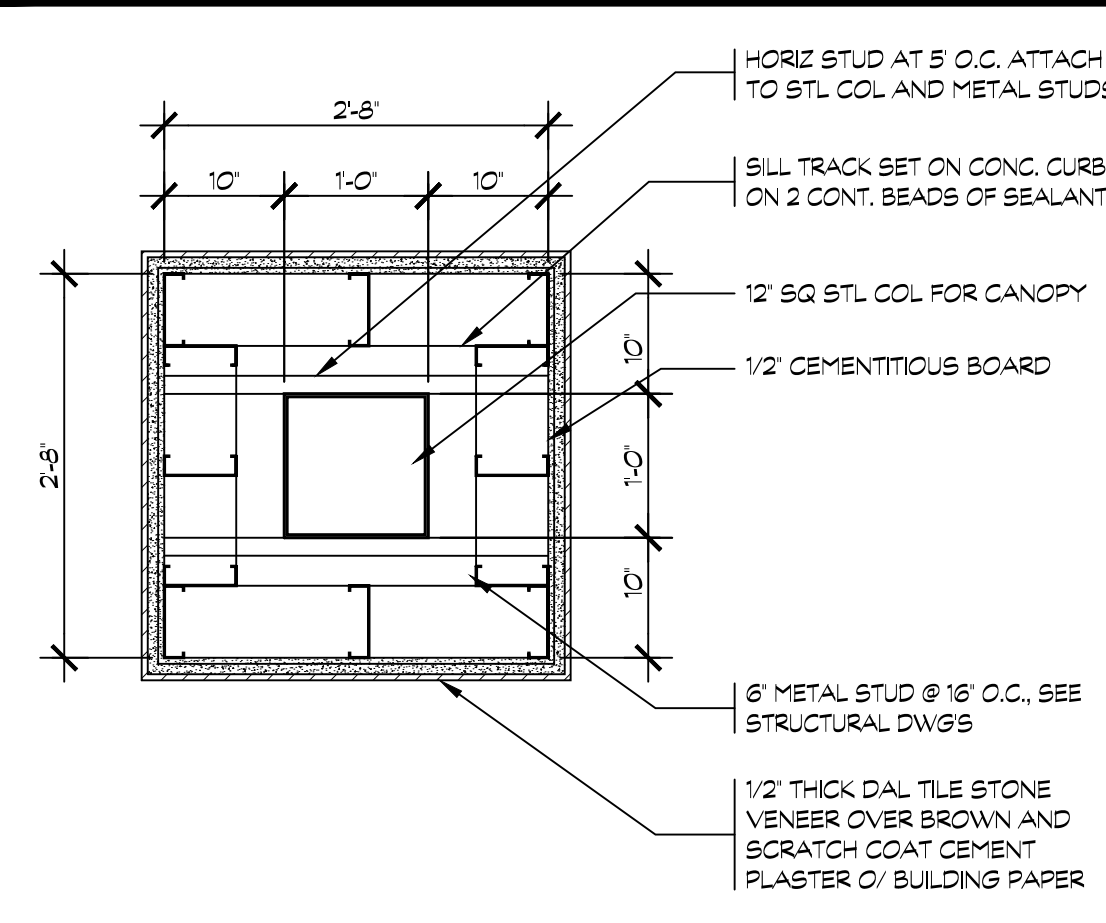
**REFERENCE ONLY**

THE CANOPY IS INCLUDED IN THIS SET OF PLANS TO FACILITATE THE CONSTRUCTION OF THE ELECTRICAL WORK, AND TO COMPLY WITH IMAGE REQUIREMENTS OF THE PLANNING DEPARTMENT. THE CANOPY SHALL BE CONSTRUCTED BY A SEPARATE CONTRACTOR THAT WILL BE RESPONSIBLE FOR FOUNDATION DESIGN AND STRUCTURAL FRAMING AND THE IMAGE. THE CANOPY CONTRACTOR IS NOT RESPONSIBLE FOR THE FUELING OR THE ELECTRICAL ASSOCIATED WITH THE FUELING AND CANOPY LIGHTS. FUELING IS PERFORMED UNDER A SEPARATE CONTRACT. THE SITE AND C-STORE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CANOPY LIGHTING.

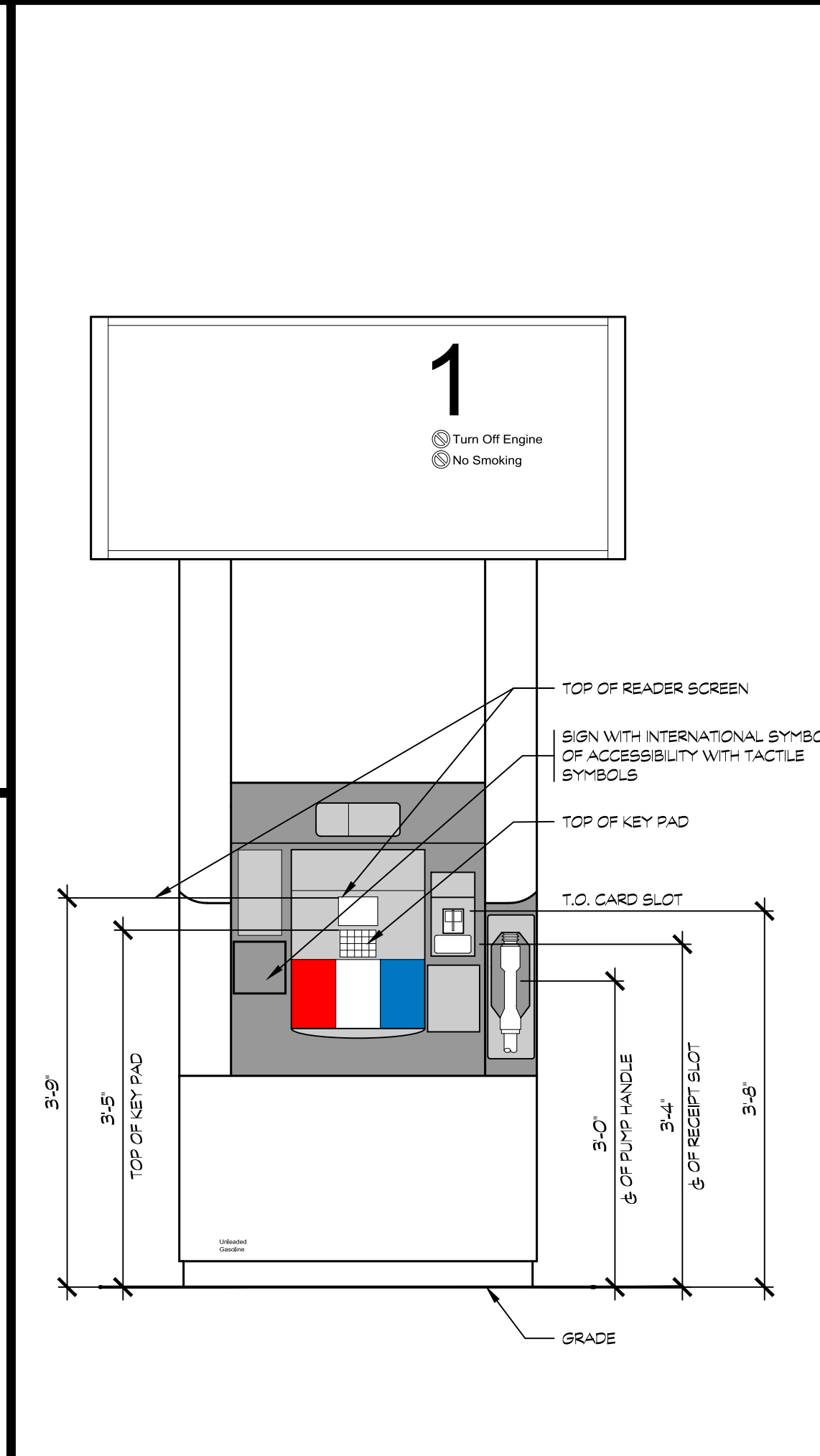
**18 AUTO FUELING CANOPY - SOUTH ELEVATION**  
NORTH ELEVATION SIMILAR  
SCALE: 3/16" = 1'-0"



**19 CANOPY COLUMN WRAP SECTION**  
SCALE: 3/4" = 1'-0"



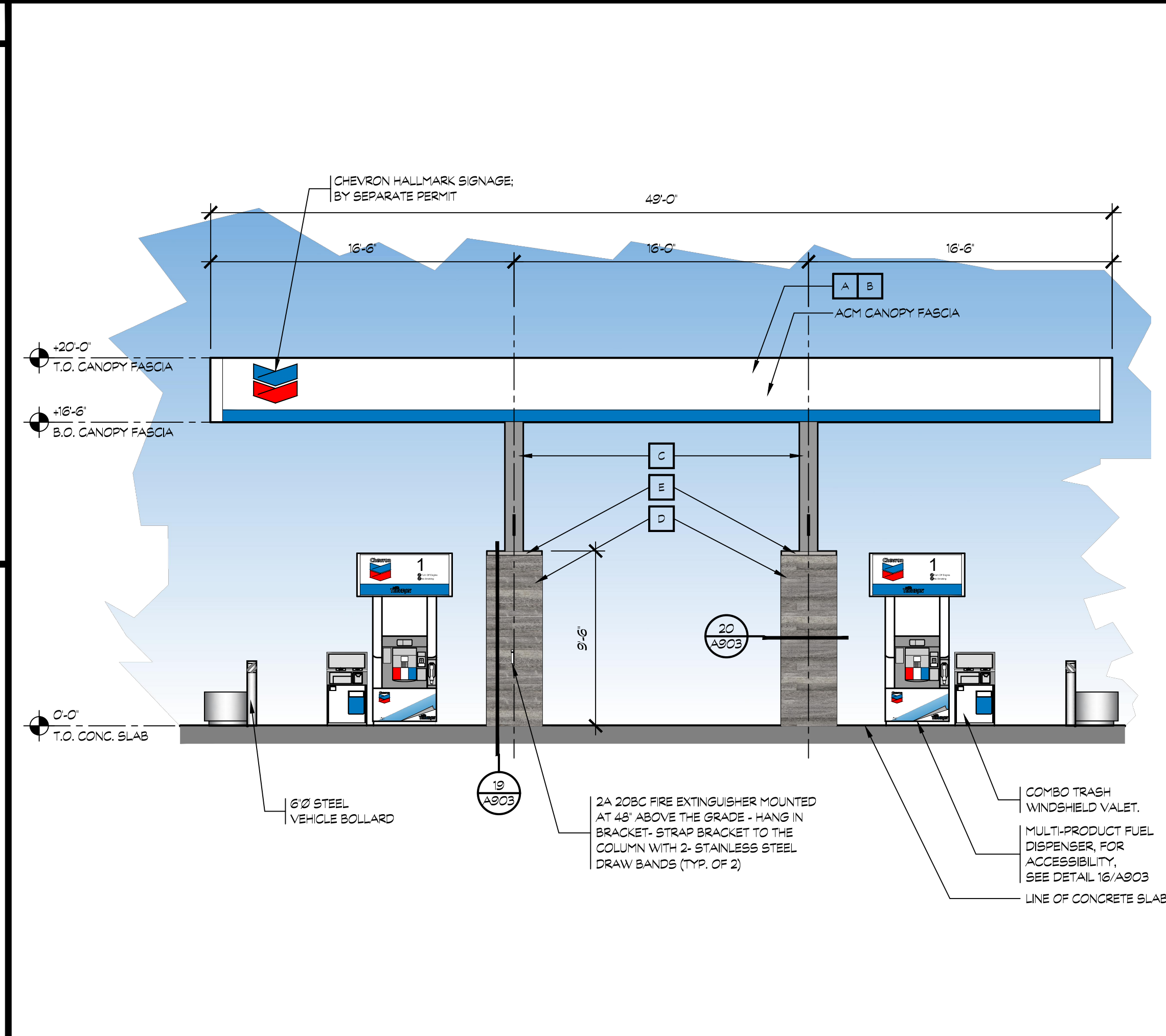
**20 CANOPY COLUMN PLAN**  
SCALE: 3/4" = 1'-0"



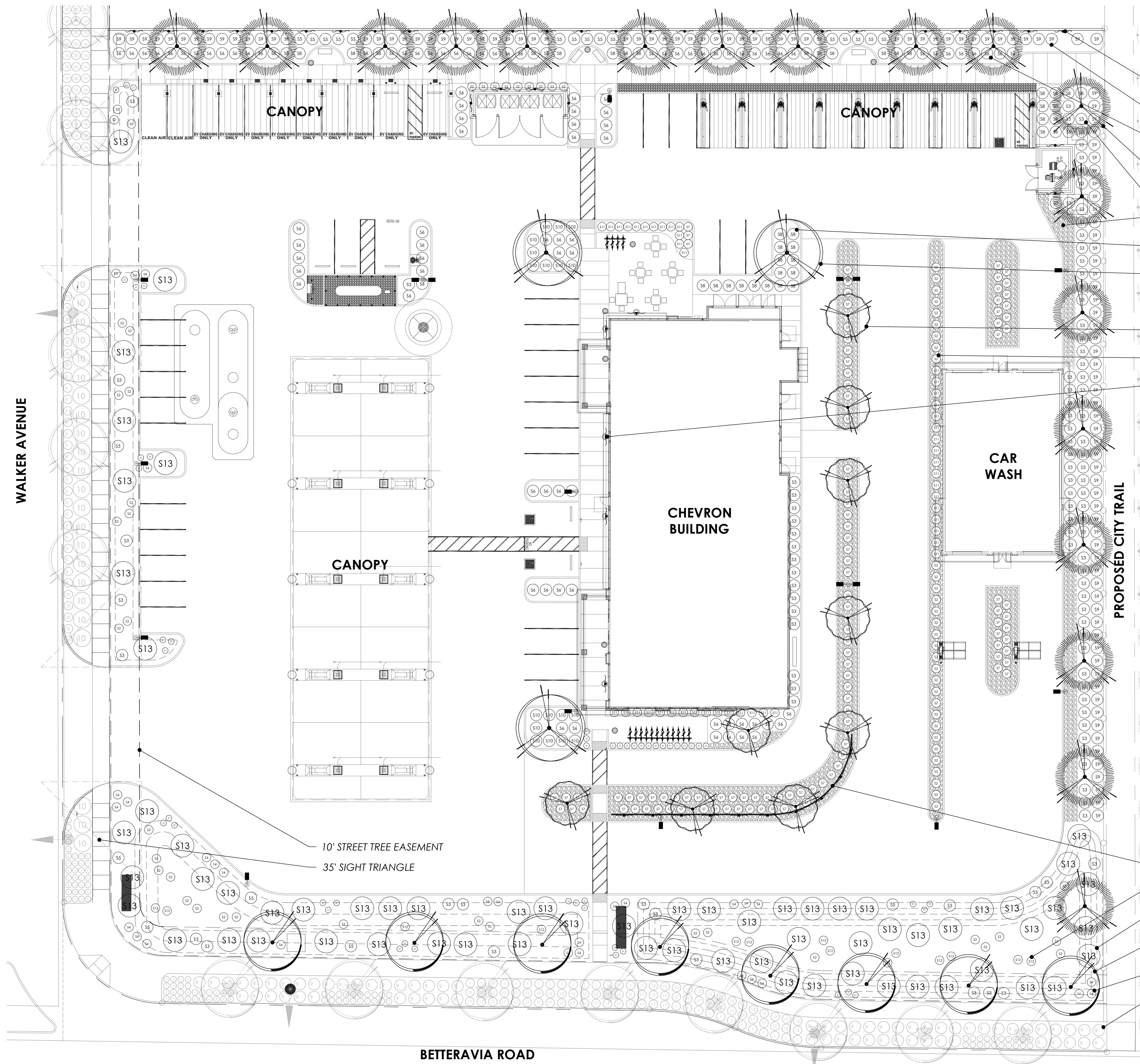
**16 FUEL DISPENSER ACCESSIBILITY**  
SCALE: 3/4" = 1'-0"

**COLOR LEGEND**

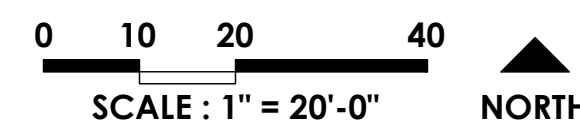
A	CANOPY FASCIA - CHEVRON - D WHITE	
B	CANOPY FASCIA - CHEVRON - D BLUE NEW	
C	CANOPY COLUMN - CHEVRON GRAY	
D	DIZAL ALUMINUM SIDING 106-02-1 BARN WOOD LIGHT GRAY	
E	STONE COLUMN FLASHING - PPG0986-3 'STATUE GARDEN'	



**8 AUTO FUELING CANOPY - WEST ELEVATION**  
EAST ELEVATION SIMILAR  
SCALE: 3/16" = 1'-0"



**PLANTING PLAN**



I HAVE COMPLIED WITH THE CRITERIA OF THE 2015 UPDATE TO THE STATE DEPARTMENT OF WATER RESOURCES MODEL WATER EFFICIENT LANDSCAPE ORDINANCE, INCLUDING INCORPORATING RECOMMENDATIONS OF THE SOIL ANALYSIS REPORT, AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN.

*Kevin J. Small*  
DESIGNER'S SIGNATURE

2023.05.08  
DATE

**PLANT LEGEND**

**TREES**

SYMBOL	NAME
T1	LAGERSTROEMIA INDICA 'NATCHEZ' NATCHEZ CRAPE MYRTLE
T2	MELALEUCA QUINQUENERVIA CAJEPUT TREE
T3	ULMUS PARVIFOLIA 'DRAKE' DRAKE CHINESE ELM

**STREET TREES**

SYMBOL	NAME
ST1	LOPHOSTEMON CONFERTUS BRISBANE BOX

**SHRUBS**

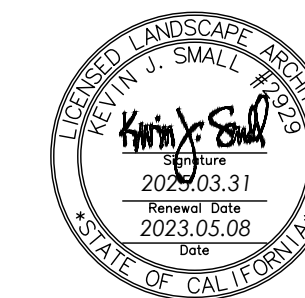
SYMBOL	NAME
S1	SESLERIA AUTUMNALIS AUTUMN MOOR GRASS
S2	CHONDRPETALUM TECTORUM SMALL CAPE RUSH
S3	DIETES VEGATA FORTNIGHT LILY
S4	PENNISETUM ORIENTALE CHINESE FOUNTAIN GRASS
S5	MUHLBERGIA DUBIA PINE MUHLY
S6	RHAPHIOLEPIS INDICA 'BALLERINA' BALLERINA INDIAN HAWTHORN
S7	CAREX DIVULSA BERKELEY SEDGE
S8	CORREA 'CARMINE BELLS' CARMINE BELLS AUSTRALIAN FUCHSIA
S9	CARISSA MACROCARPA 'FANCY' FANCY NATAL PLUM
S10	CEANOTHUS GRISEUS V. H. 'DIAMOND HEIGHTS' DIAMOND HEIGHTS CEANOTHUS
S11	CALAMAGROSTIS A. 'KARL FOERSTER' KARL FOERSTER FEATHER REED GRASS
S12	JUNCUS PATENS 'ELK BLUE' ELK BLUE CALIFORNIA GREY RUSH
S13	MYOPORUM PARVIFOLIUM 'PUTAH CREEK' PUTAH CREEK MYOPORUM

**GROUNDCOVERS**

SYMBOL	NAME
G1	COBBLES

**VINES**

SYMBOL	NAME
V1	FICUS PUMILA CREEPING FIG
V2	GREWIA OCCIDENTALIS LAVENDER STAR FLOWER



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**KAUTZ CHEVRON**

SANTA MARIA, CALIFORNIA 93455

**REVISION DATE**

**SHEET TITLE**

**PLANTING PLAN**

**OWNER** Moris Kautz Jr.  
1284 N. Grand Avenue  
Grover Beach, California 93455

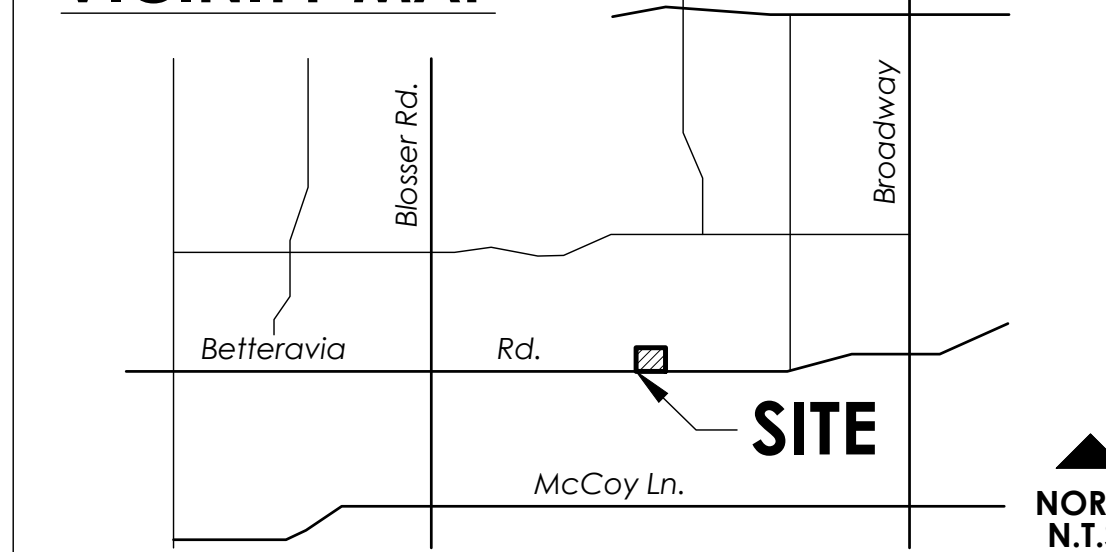
**DATE** 2023.05.08

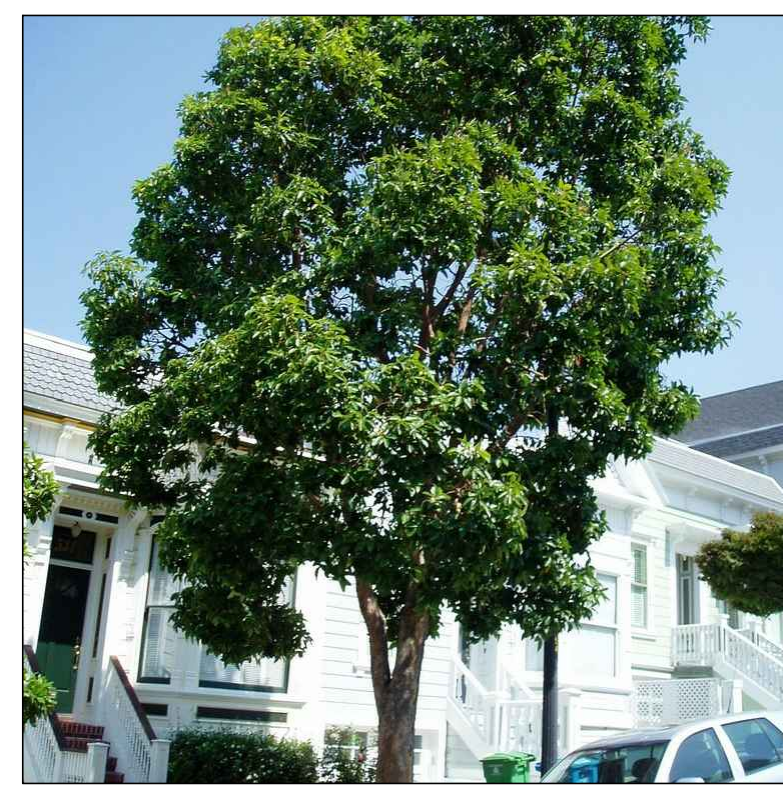
**PROJECT NO.** 21162

**SHEET NO.**

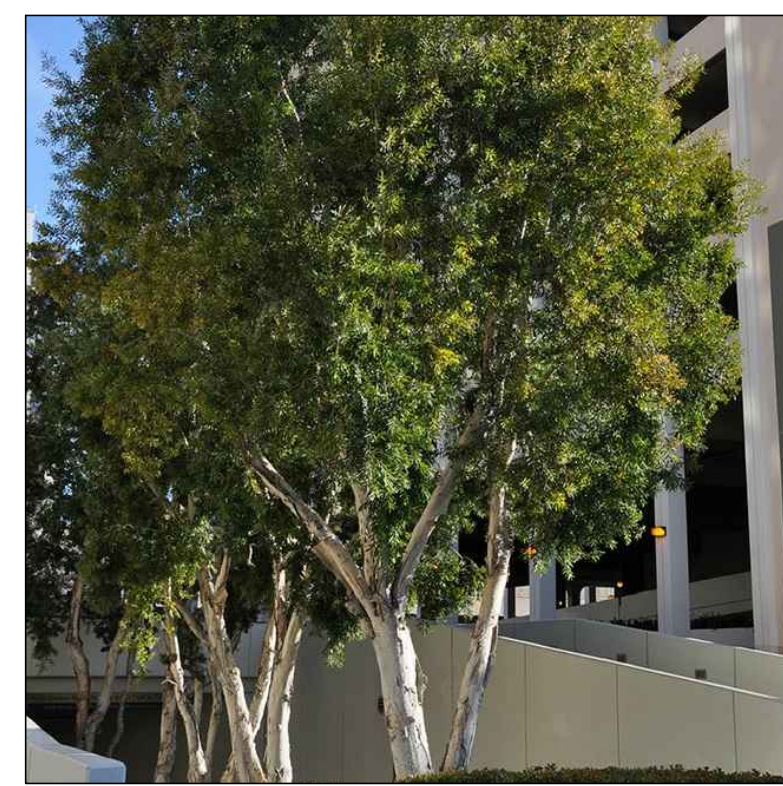
**L-2.0**

**VICINITY MAP**





Brisbane Box



Cajeput Tree



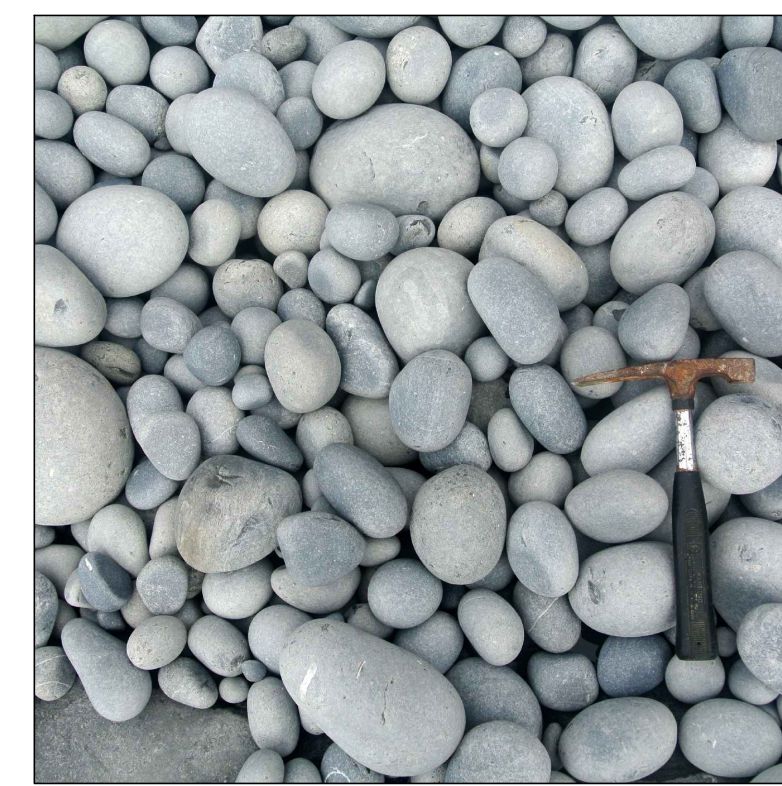
Natchez Crape Myrtle



Drake Chinese Elm



Creeping Fig



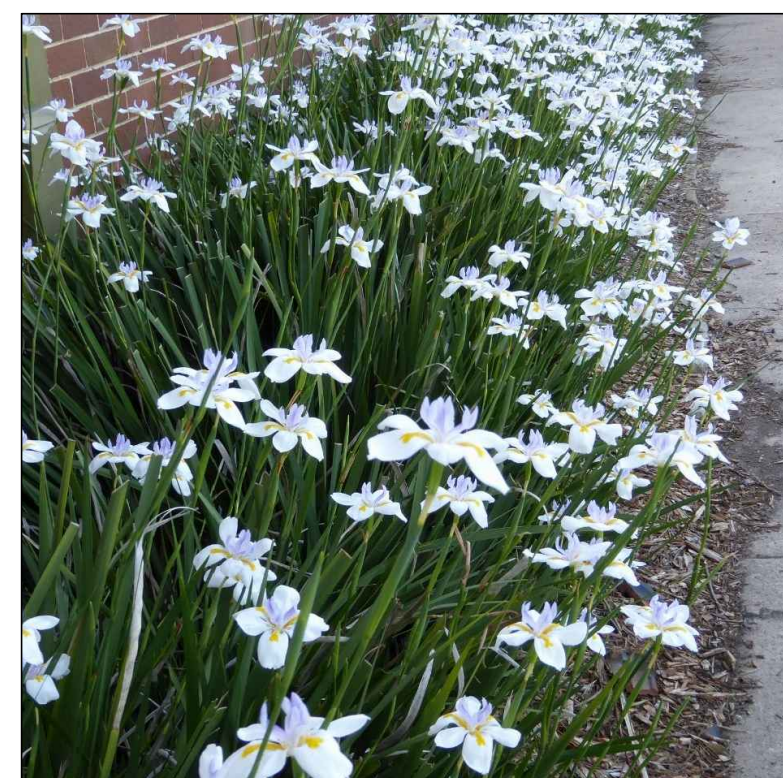
Cobbles



Putah Creek Myoporum



Autumn Moor Grass



Fortnight Lily



Chinese Fountain Grass



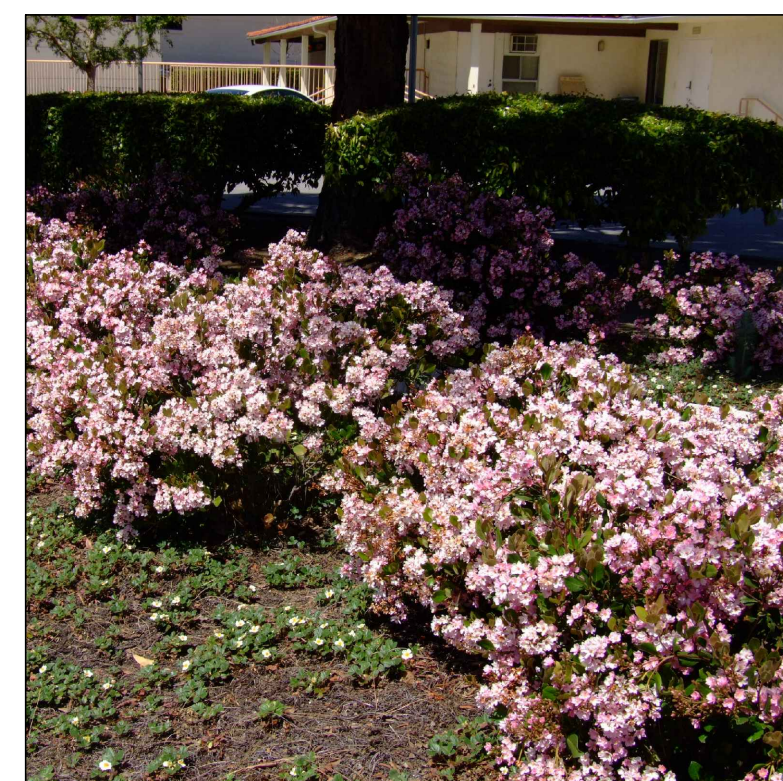
Berkeley Sedge



Small Cape Rush



Carmine Bells Australian Fuchsia



Ballerina Indian Hawthorn



Myer's Asparagus



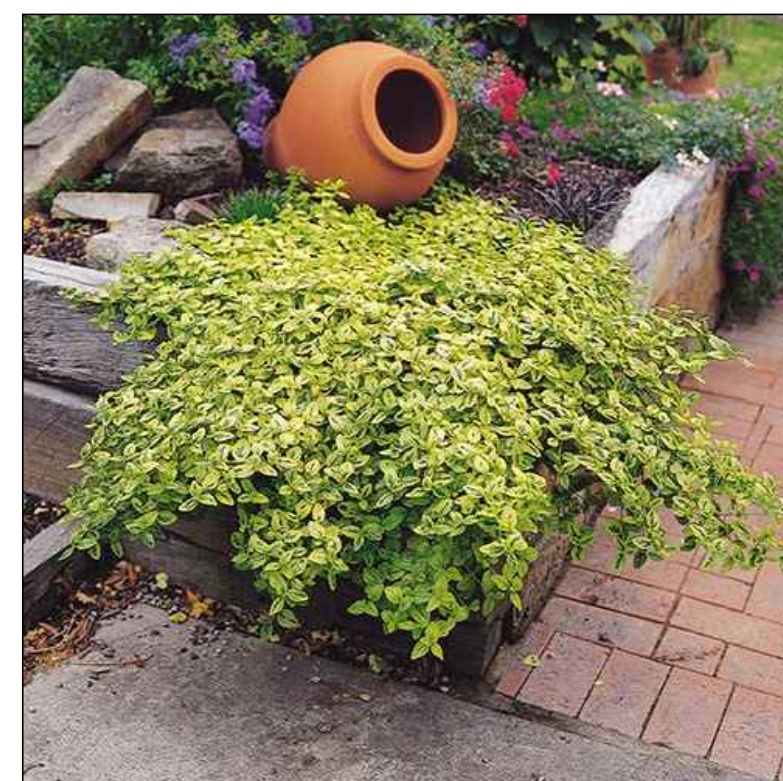
Giant Chain Fern



Elk Blue California Grey Rush



Pine Muhly



Diamond Heiahts Ceanothus



Fancy Natal Plum

### City of Santa Maria Site Calculations

Percentage of Landscape:	Sq. Ftg.
Total site area	126,324
Landscape area	29,225
Enhanced paving	-
Landscape area percentage:	23%

### Site Tree Requirements:

Requirement	Criteria	Basis	Required	Provided
Parking stalls	1 per 6 parking stalls	58	10	10
Additional trees provided				20
Totals:			10	30

**NOTE:**  
 PLANT IMAGERY SHOWN IS REPRESENTATIVE ONLY.  
 FINAL SELECTIONS MAY VARY. SEE CONCEPTUAL  
 PLANTING LEGEND FOR MORE INFORMATION.

### Appendix B - Water Efficient Landscape Work sheet

Reference Evapotranspiration (ET<sub>o</sub>): 47.4

Project: Kautz Chevron - SM

Hydrozone # /Planting Description a	Plant Factor (PF)	Irrigation Method b	Irrigation Efficiency (IE)c	ETAF (PF/IE)	Landscape Area (sq. ft.)	ETAF x Area	Estimated Water (ETWU) e	Total Use
<b>Regular Landscape Areas</b>								
Very Low	0.1	drip	0.81	0.12	-	-	-	-
Low	0.2	drip	0.81	0.25	27,322.00	6,746.17	198,256.53	
Medium	0.5	drip	0.81	0.62	1,903.00	1,174.69	34,521.83	
High	0.8	drip	0.81	0.99	-	-	-	-
Non-irrigated	0.0	n/a	100	0.00	-	-	-	-
					<b>Totals</b>	29,225.00	7,920.86	232,778.36
<b>Special Landscape Areas</b>								
Turf				1				
					<b>Totals</b>			
							<b>ETWU Total</b>	232,778.36
<b>Maximum Allowed Water Allowance (MAWA):</b>								386,488.94

- a Hydrozone #/Planting Description  
E.g. 1.) front lawn  
2.) medium water use planting
- b Irrigation Method  
overhead spray  
or drip
- c Irrigation Efficiency  
0.75 for spray head  
0.81 for drip
- d ETWU (Annual Gallons Required)  
= Eto x 0.62 x ETAF x Area  
where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year.
- e MAWA (Annual Gallons Allowed)  
= (Eto) (0.62) [(ETAF x LA) + (1-ETAF) x SLA]  
where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year, LA is the total landscape area in square feet, and SLA is the total special landscape area in square feet, and ETAF is .55 for residential areas and 0.45 for non-residential areas.

**ETAF Calculations:**  
 Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non-residential areas.

All Landscape Areas		Regular	
Total ETAF x Area (B+D)	7,920.86	Total ETAF x Area (B)	7,920.86
Total Area (A+C)	29,225.00	Total Area (A)	29,225.00
Sitewide ETAF (B+D) ÷ (A+C)	0.27	Average ETAF (B ÷ A)	0.27

# PLEINAIRE DESIGN GROUP

3203 Lightning St., Ste. 201 // Santa Maria, CA 93455  
805.349.9695 // www.pleinairdgd.com

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# KAUTZ CHEVRON

SANTA MARIA, CALIFORNIA 93455

SHEET TITLE

## PLANT IMAGERY

OWNER K12 Architect, Inc.  
3090 Fite Circle, Suite 104  
Santa Maria, California 95827  
T: 916.455.6500

DATE 2022.04.06  
21162

SHEET NO.

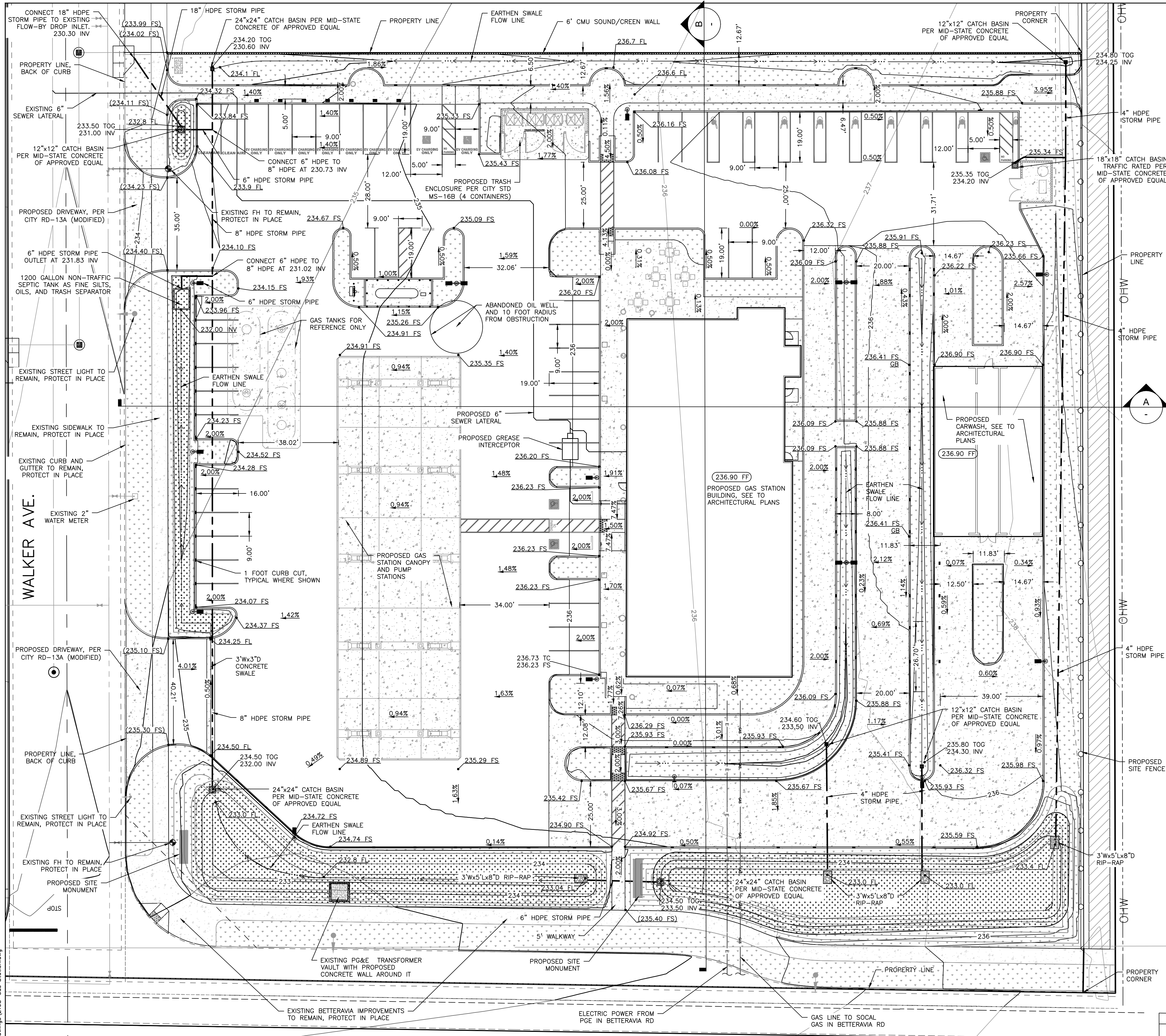
# CLP-02

# PRELIMINARY GRADING PLANS

## KAUTZ GAS STATION

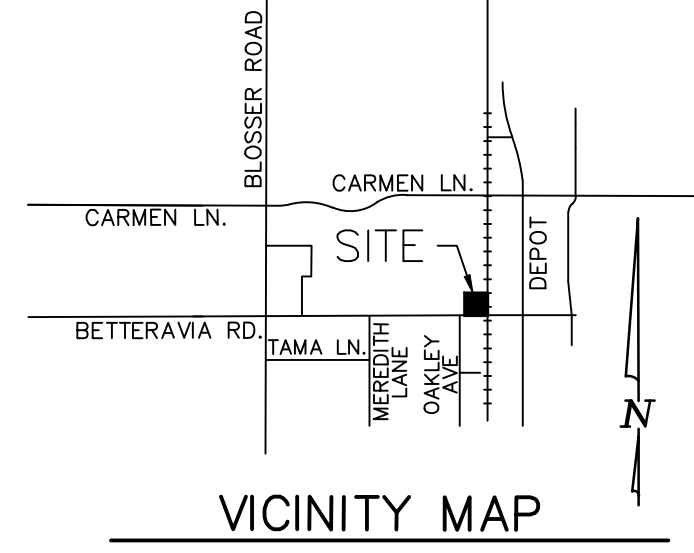
### LOT 5 TRACT NO. 6008

### SANTA MARIA, CALIFORNIA



#### LEGEND

- CENTERLINE
  - PROPERTY LINE
  - CURB LINE
  - EXIST. CURB LINE
  - ROW/EASEMENT LINE
  - STORM DRAIN
  - EXIST. STORM DRAIN
  - SEWER MAIN
  - EXIST. SEWER MAIN
  - WATER MAIN
  - EXIST. WATER MAIN
  - STREET LIGHT CONDUIT
  - EXIST. ST. LT. CONDUIT
  - E.P./LIP OF GUTTER
  - EXIST. CONTOURS
- 
- SAN. SEWER MANHOLE
  - EXIST. SEWER MANHOLE
  - STORM DRAIN MANHOLE
  - EXIST. S.D. MANHOLE
  - WATER VALVE
  - EXIST. WATER VALVE
  - DOUBLE WATER METER
  - STREET LIGHT
  - EXIST. STREET LIGHT
  - FUTURE STREET LIGHT
  - FIRE HYDRANT
  - EXIST. FIRE HYDRANT
  - CATCH BASIN
  - SEWER LATERAL
  - EXIST. SEWER LATERAL
  - SEWER CLEAN OUT
- 
- FINISHED FLOOR ELEV. (200.00)



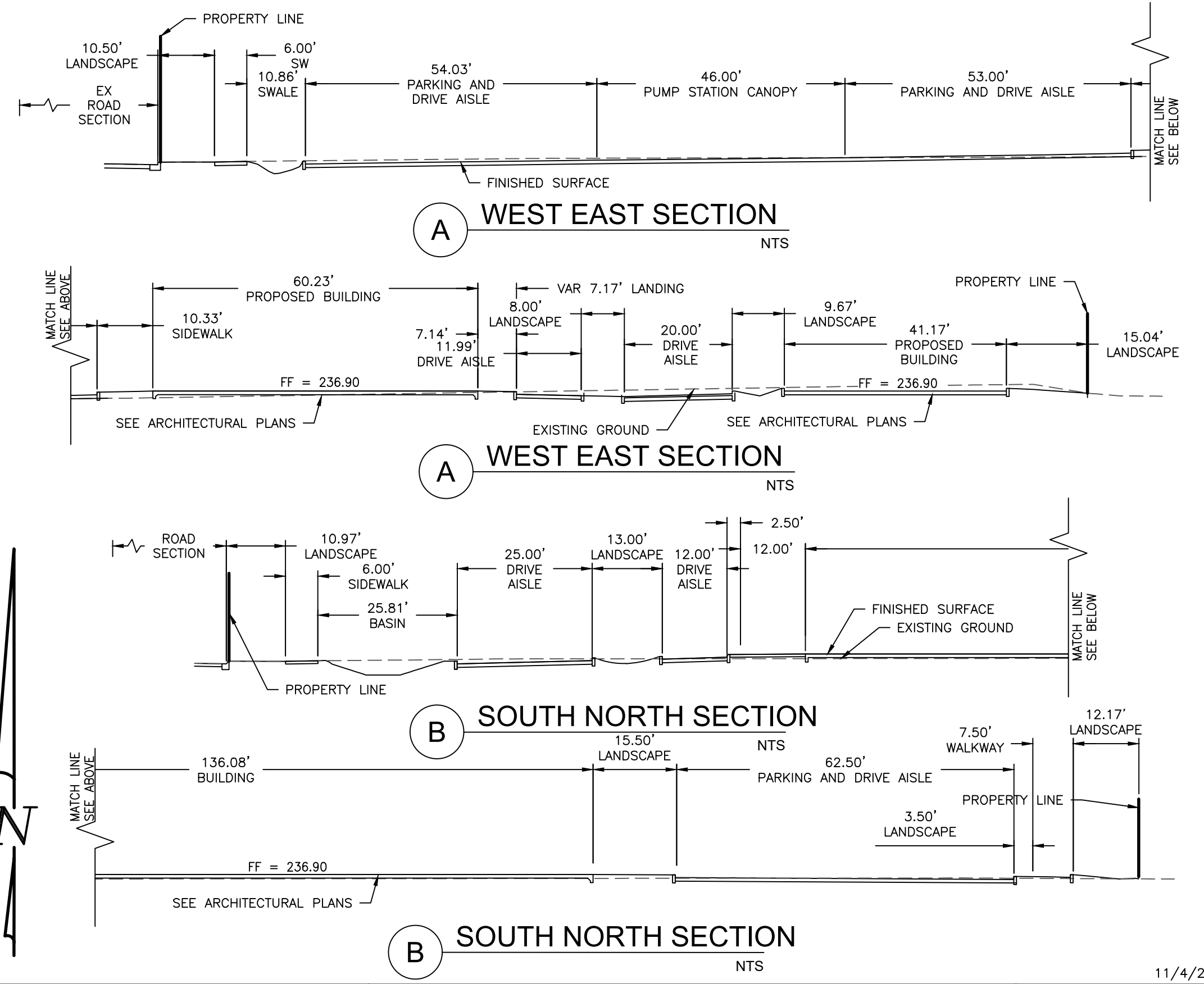
#### SITE INFORMATION

ADDRESS: BETTERAVIA ROAD  
SANTA MARIA, SANTA BARBARA COUNTY, CA

#### EARTHWORK QUANTITIES

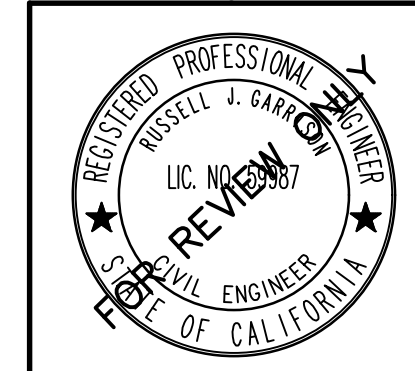
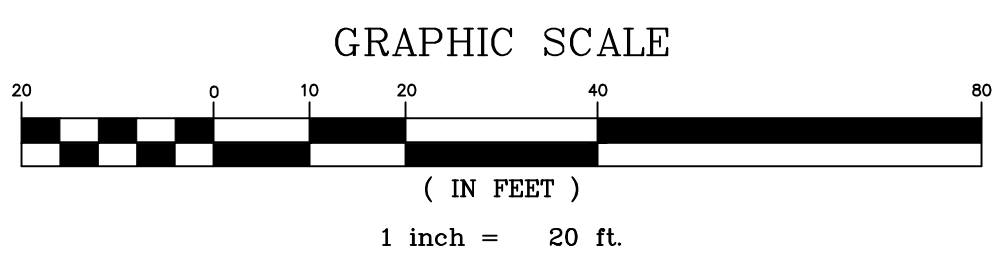
CUT: 1,215 C.Y.  
FILL: 625 C.Y.  
IMPORT: 590 C.Y.  
\*NO SHRINKAGE OR SUBSIDENCE INCLUDED

NOTE: TOP OF CURB ELEVATION NOT SHOWN FOR CLARITY. CURB TO BE 6 INCHES UNLESS OTHERWISE NOTED.



Y:\2021\2168 - Kautz Betteravia Gas\Drawings\2168-Gas Station.dwg

BETTERAVIA ROAD



RUSSELL J. GARRISON R.C.E. 59987

REVISIONS				
LETTER	DATE	BY	APPROVED	REVISION

CITY OF SANTA MARIA	
SCALE	DATE
AS NOTED	
PRELIMINARY GRADING PLAN KAUTZ GAS STATION BETTERAVIA, SANTA MARIA, CA	

DRAWN BY: G.C.
CHECKED BY: R.J.G.
DATE: FEB, 2022
SHEET
1 OF 1
REFERENCES
FILE NUMBER

11/4/2022