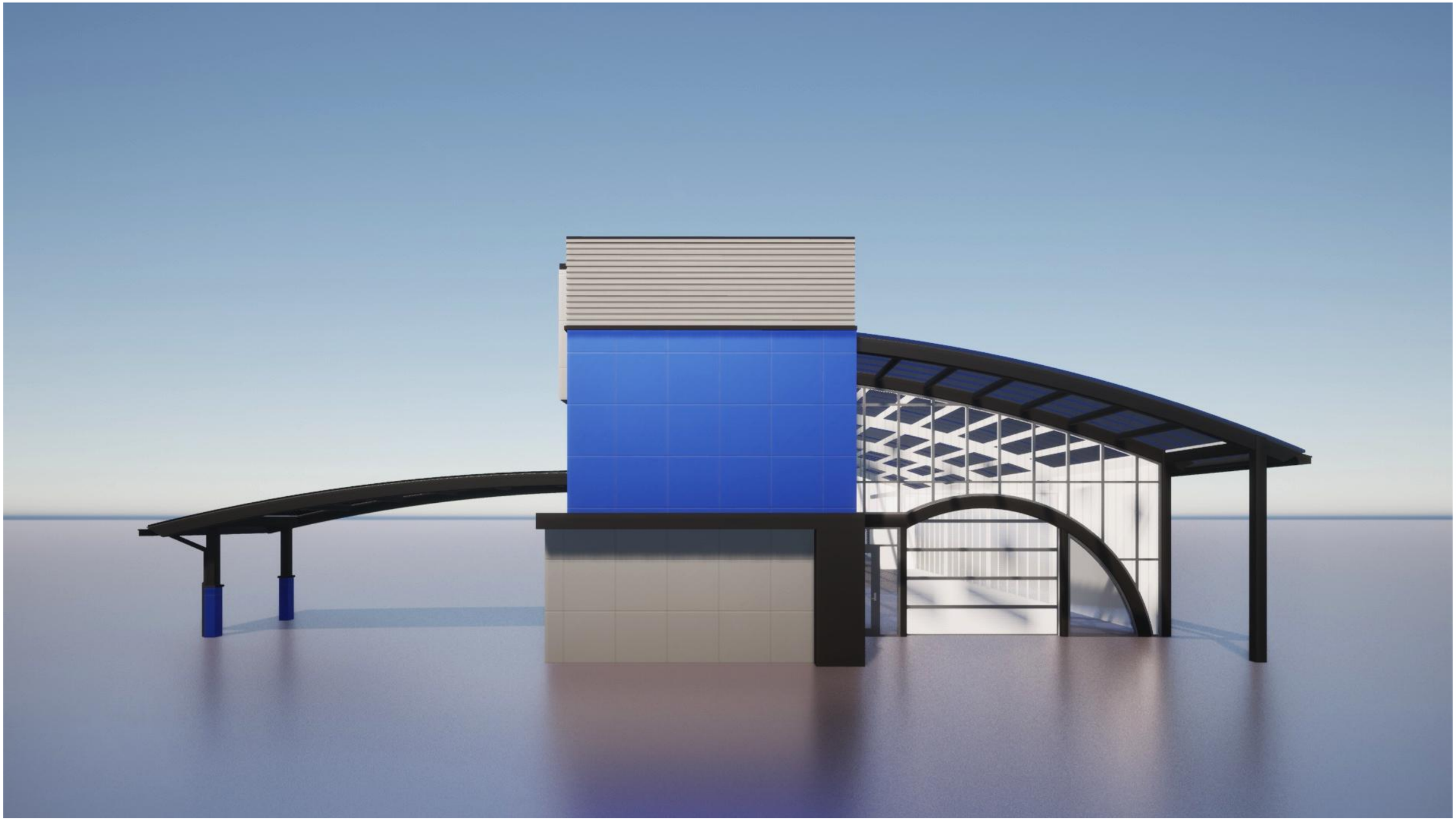
2022-21 MIDWEST LEE'S SUMMIT CPTN



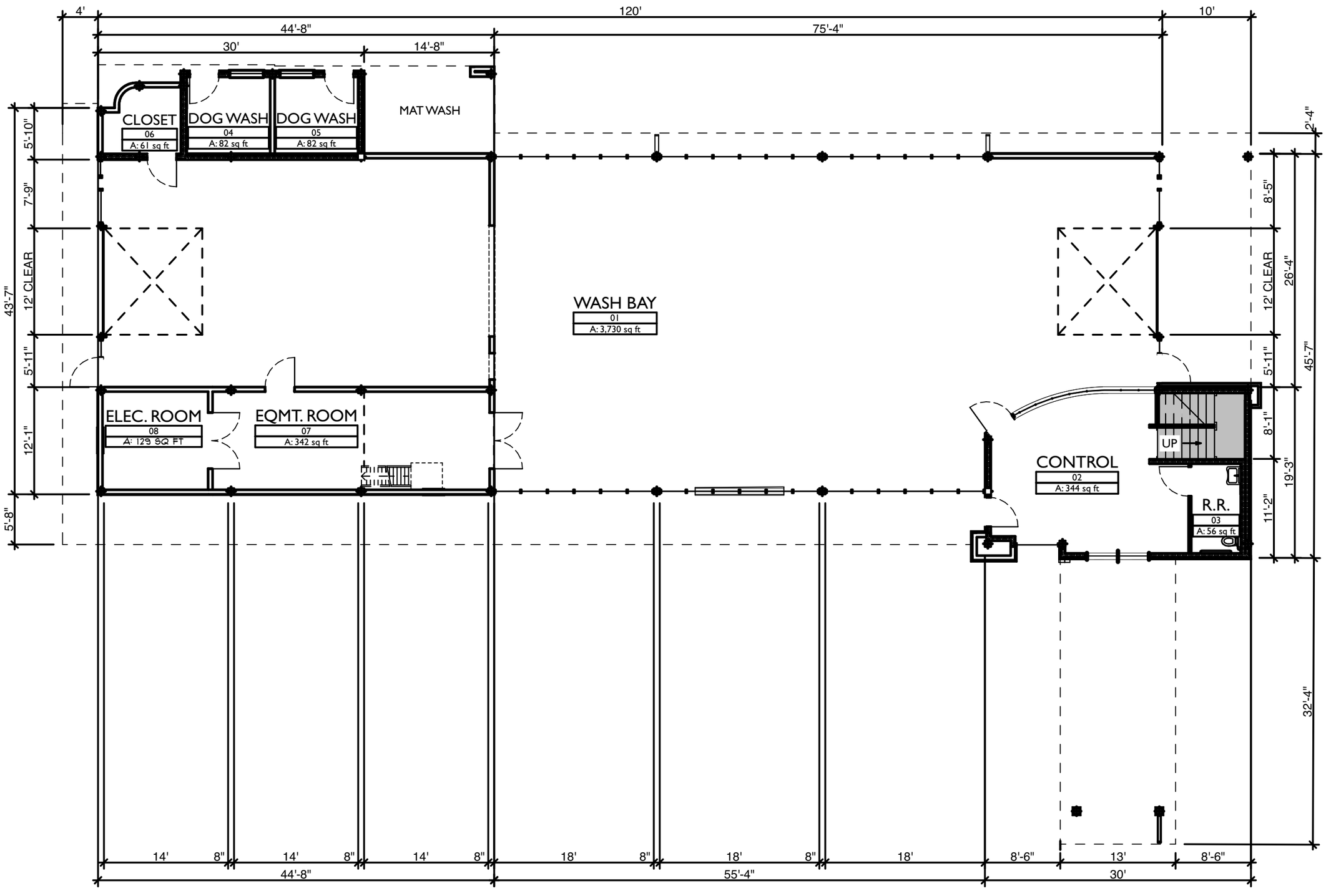
2022-21 MIDWEST LEE'S SUMMIT C.PLN

2022-21 MIDWEST LEE'S SUMMIT C.PLN


TUNNEL VISION
EXPRESS CARWASH

2022-21 MIDWEST LEE'S SUMMIT C.PLN

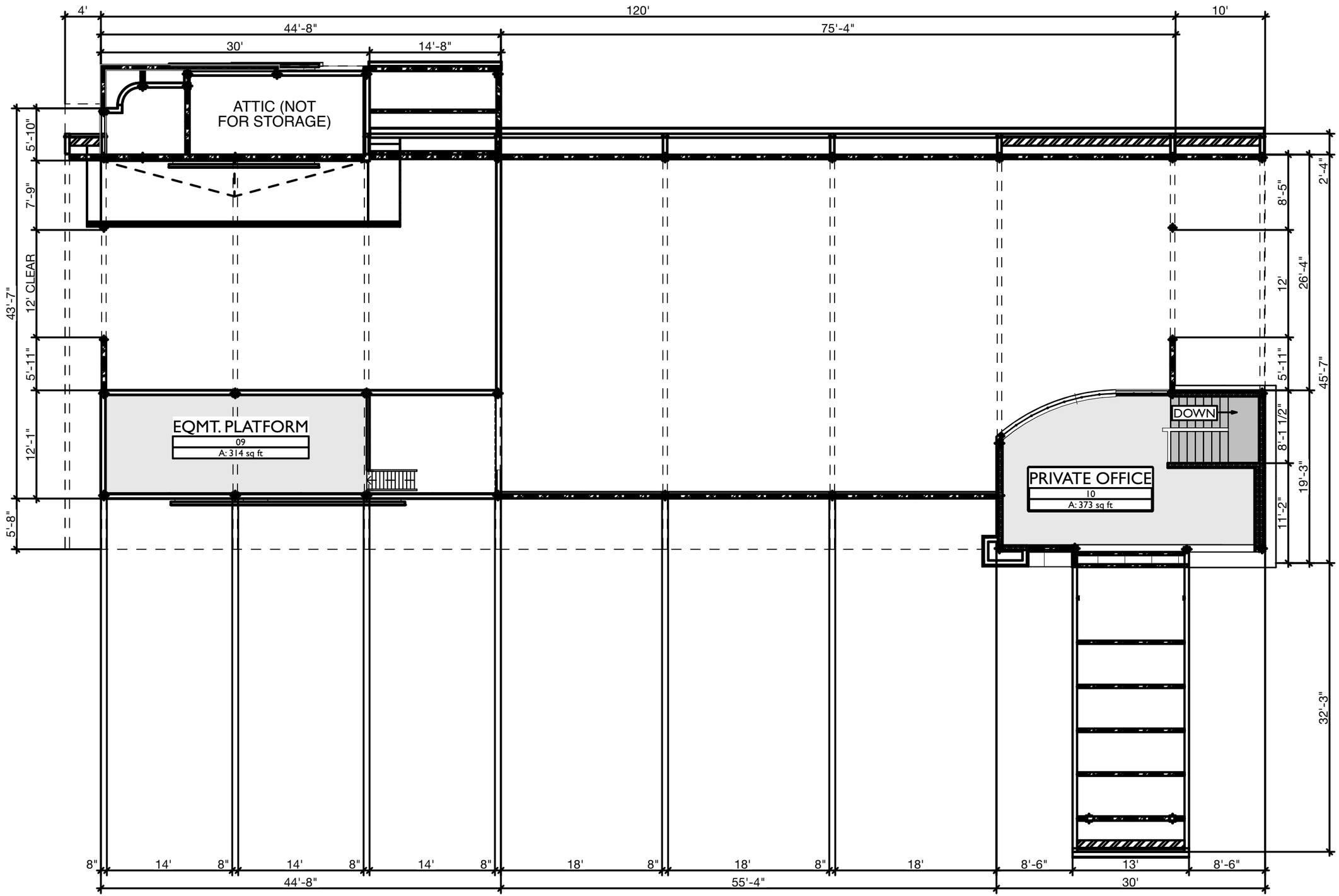
2022-21 MIDWEST LEE'S SUMMIT CPD.N



1
MD-1.1

1st FLOOR

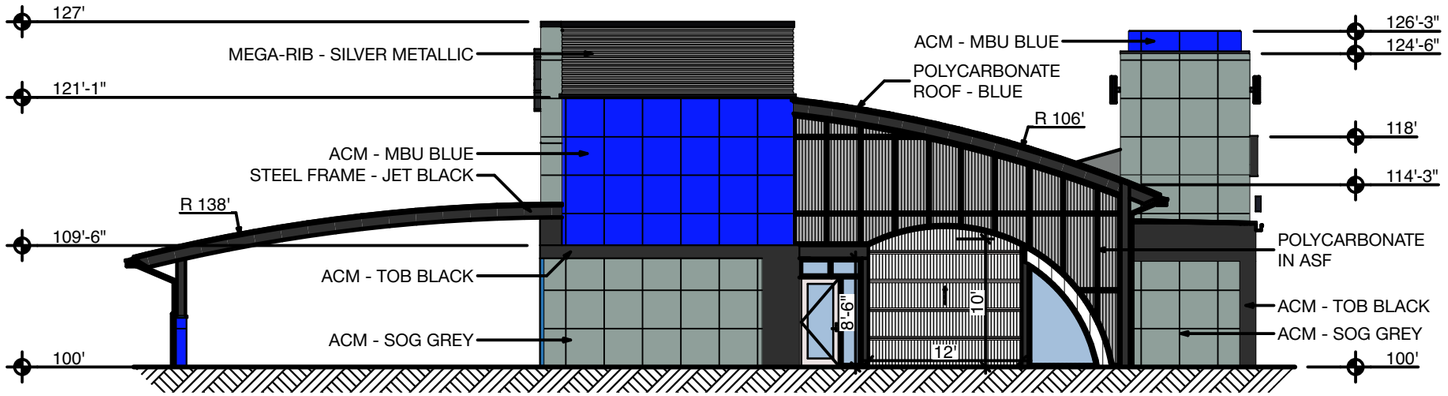
SCALE: 3/32" = 1'-0"



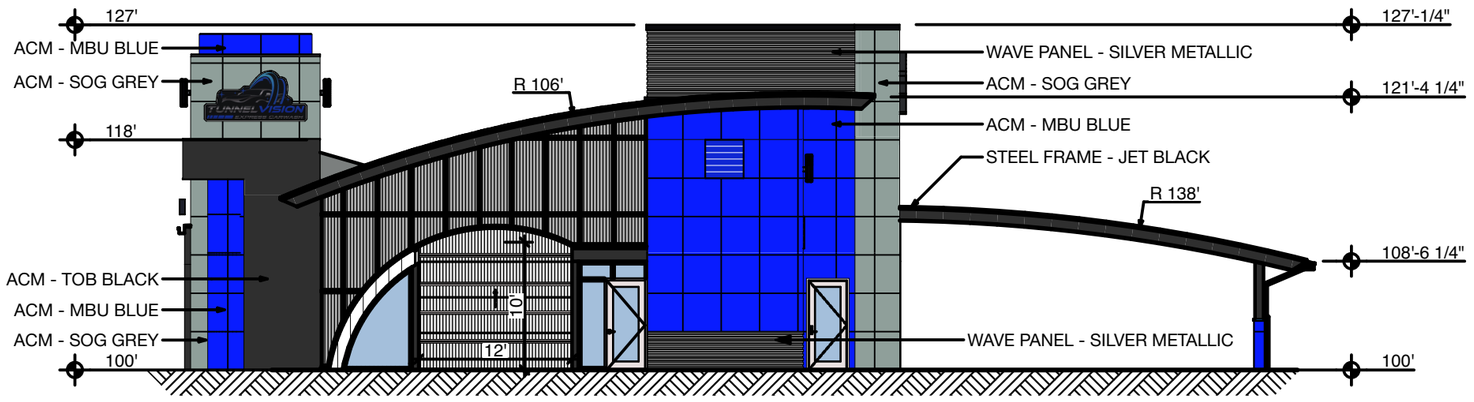
1
MD-1.2

2nd FLOOR

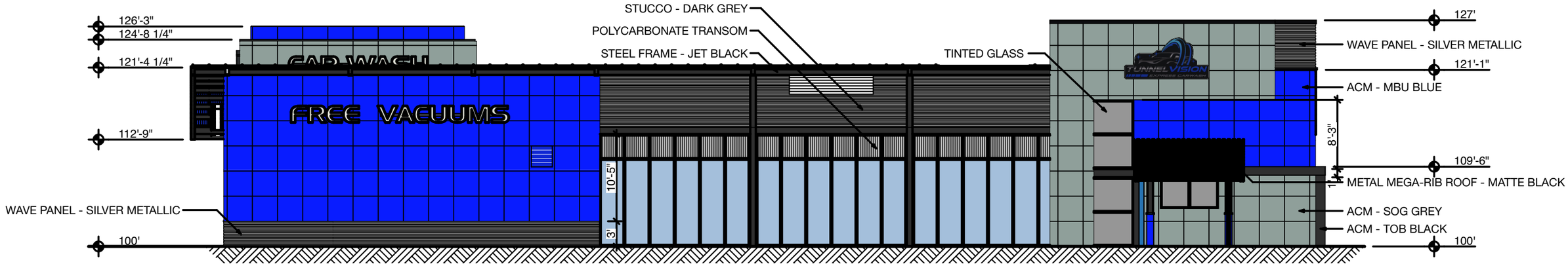
SCALE: 3/32" = 1'-0"



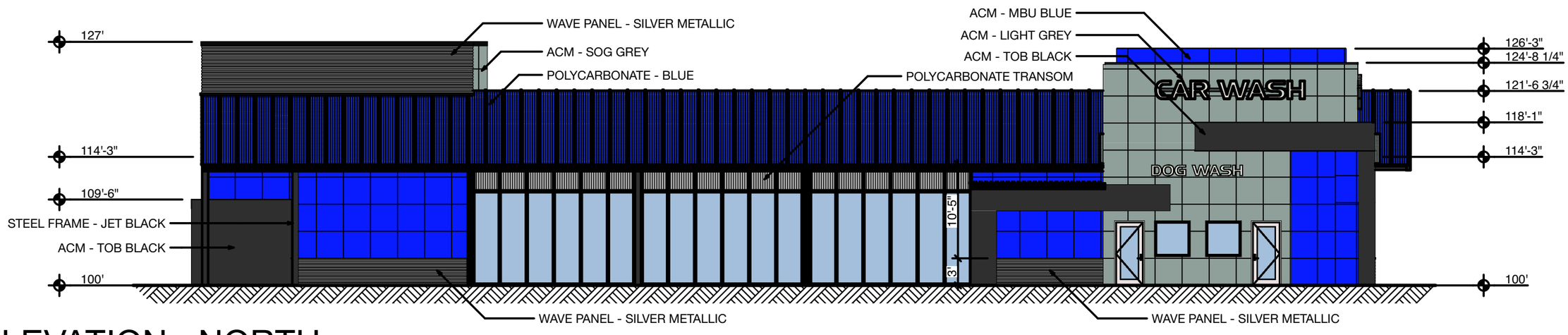
ELEVATION - EAST



ELEVATION - WEST

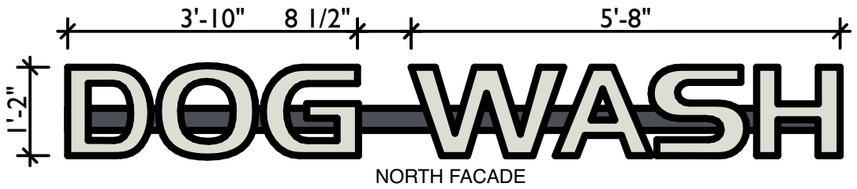


ELEVATION - SOUTH

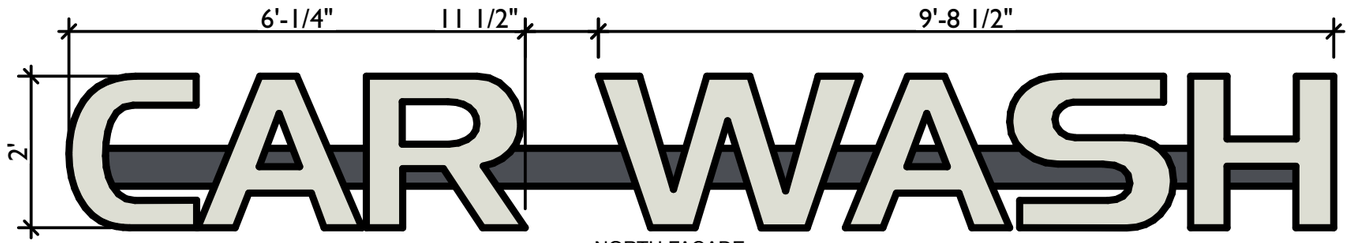


ELEVATION - NORTH

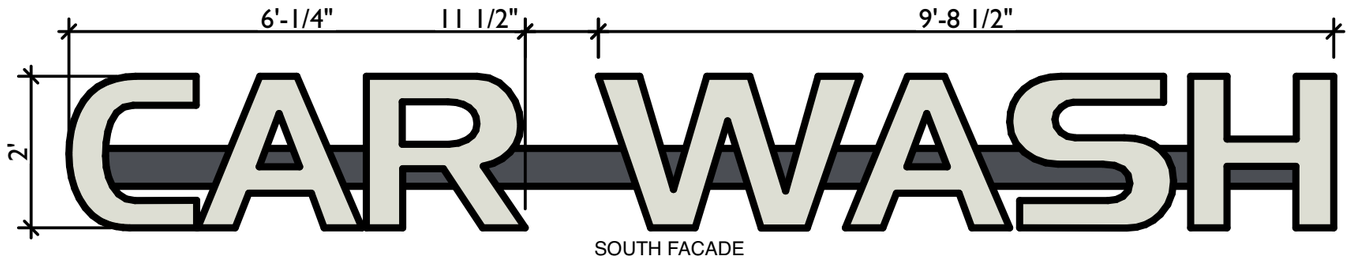
SOUTH FACADE



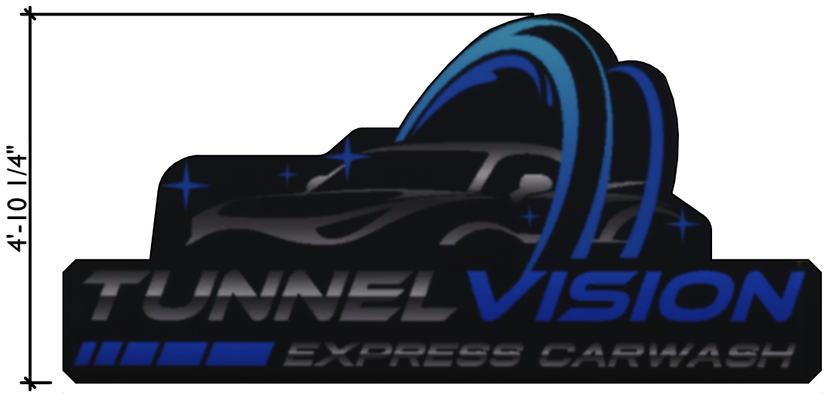
NORTH FACADE



NORTH FACADE



SOUTH FACADE



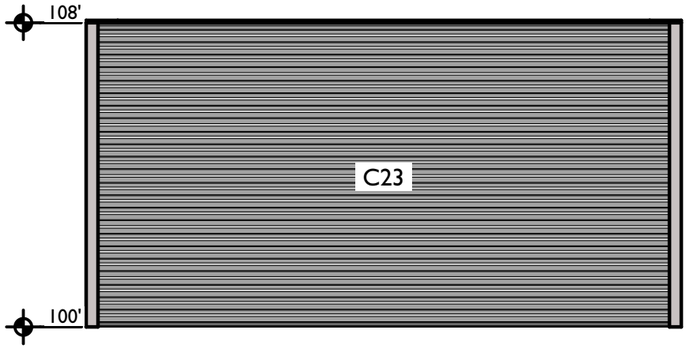
SOUTH FACADE

WEST FACADE

SIGNAGE CALCULATIONS				
TOTAL AREA OF FACADE (SF)		**TOTAL AREA OF FACADE SIGNAGE(SF)**		
NORTH FACADE	2,294 SF	NORTH FACADE SIGNAGE	35 SF	.015%
SOUTH FACADE	3,124 SF	SOUTH FACADE SIGNAGE	91 SF	.029%
WEST FACADE	1,328 SF	WEST FACADE SIGNAGE	20 SF	.015%
EAST FACADE	1,328 SF	EAST FACADE SIGNAGE	0 SF	.000%
TOTAL BUILDING FACADE (SF)		**TOTAL FACADE SIGNAGE(SF)**		
TOTAL	8,074 SF	TOTAL	146 SF	**.018%**

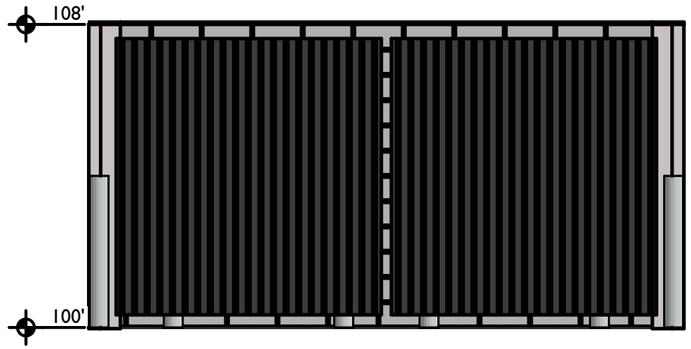
SIGNAGE COLORS:

LETTER FACE - WHITE
LETTER SIDES - BLACK
RACEWAY - GREY



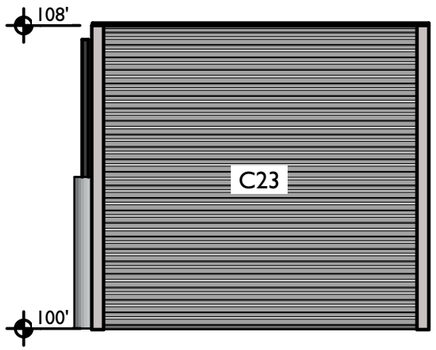
1 SOUTH ELEVATION

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



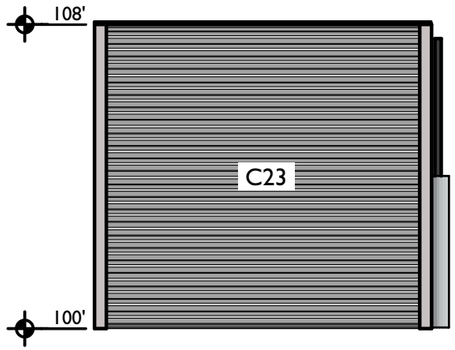
2 NORTH ELEVATION

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



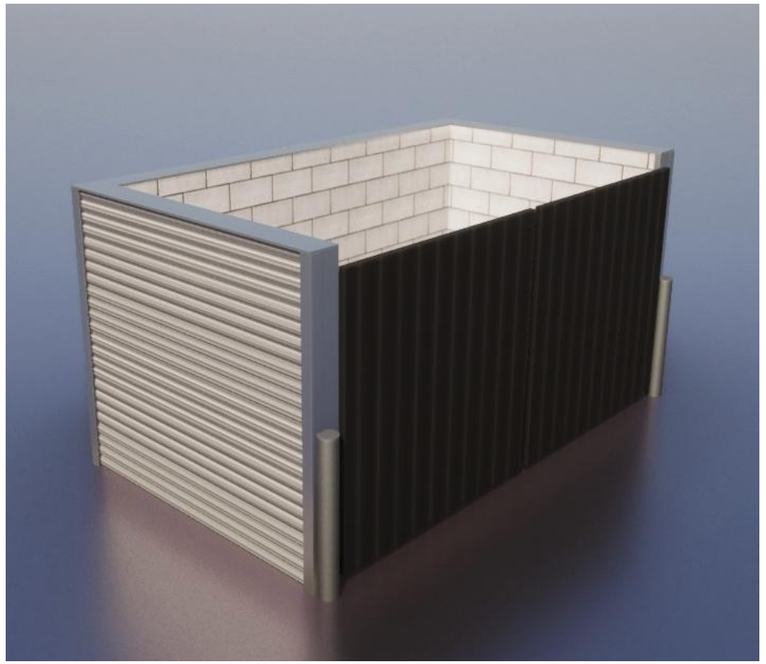
3 WEST ELEVATION

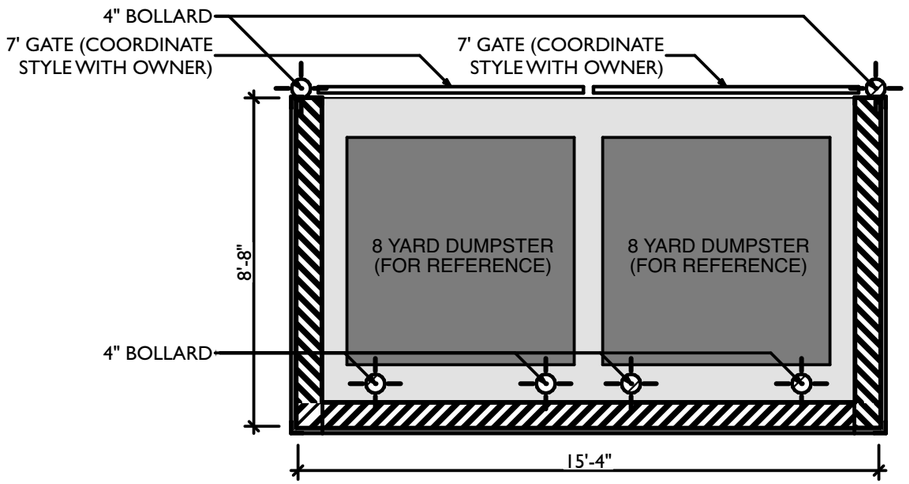
SCALE: 1/4" = 1'-0"



4 EAST ELEVATION

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





* DIMENSIONS TO OUTSIDE OF CMU

5 PLAN VIEW

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

2022-21 MIDWEST LEE'S SUMMIT C.PLN

TYPICAL SPECIFICATIONS :

1. I-5 HIGH STRENGTH TUBULAR STEEL (HSS) STRUCTURAL FRAME MEMBERS. DESIGNED TO THE MOST RECENT IBC OR CURRENT LOCAL BUILDING CODES WITH STANDARD DESIGN LOADS OF THE GREATER VALUE OF 30LBS. PER S.F. LIVE LOAD AND 100 MPH SUSTAINED WIND LOAD OR SITE SPECIFIC CONDITIONS AND APPLICABLE ZONE REGARDING SEISMIC LOADS. CONNECTING BOLTS SHALL BE A-307 OR A-325 SPECIFICATIONS, HIDDEN AT AL CONNECTIONS. ALL FRAME MEMBERS SHALL BE STRUCTURAL STEEL TUBE SIZED ACCORDING TO STRUCTURAL ENGINEERING CALCULATIONS MINIMUM .120 WALL THICKNESS.

2. ALL FRAME MEMBERS DESIGNED ACCORDING TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) FOR COLD FORMED STRUCTURAL MEMBERS.ALL FABRICATION WELDS SHALL BE IN ACCORDANCE WITH THE GUIDELINES OF THE AMERICAN WELDING SOCIETY (AWS). FIELD WELDING IS NOT REQUIRED.

3. STRUCTURAL CALCULATIONS AND STAMPED ENGINEERING IS PROVIDED TO MEET FEDERAL, LOCAL CODES AND SITE CONDITIONS DETERMINED BY ZONES.

FRAME FINISH :

1. ALL TUBULAR STRUCTURAL STEEL MEMBERS SHALL BE PREPARED WITH OUR I-5 FINISH SYSTEM WHICH IS A TGIC POLY POWDER COATING WITH A ZINC ENRICHED APPLIED PRIMER IN MULTIPLE LAYERS.

ROOFING :

1. PRE-FINISHED MEGA-RIB ROOF PANEL

2. TOPGAL 21MM POLYCARBONATE STANDING SEAM ROOF SYSTEM.

OTHER ROOF SYSTEMS AVAILABLE. SEE MANUFACTURER FOR SPECIFIC MATERIALS SPECS.

GLAZING :

1. ALL STANDARD GLASS SYSTEMS SHALL BE STOREFRONT TYPE SYSTEMS WITH 1/4" UNINSULATED OR 1" INSULATED (INCOLDWEATHERPACKAGE) SAFETYGLASS: SECURED WITHIN 41/2" ANODIZED ALUMINUM FRAMEWORK WITH URETHANE SEALS.

PVC TUNNEL DIVISOR WALLS :

1. SHALL CONSIST OF GALVANIZED STEEL 18 GAUGE STUDS FORMING A WALL FRAME WITH SOLID SHEETING APPLIED TO THE TUNNEL SIDE, COVERED WITH A WATER RESISTANT WRAP (SIMILAR TO DUPONT TYVEK) WITH A 1/2" TONGUE AND GROOVE PVC PANELS APPLIED WITH MATCHING TRIMS.

MAN DOORS :

1. EQUIPMENT ROOM: STEEL SLAB PAINTED MAN DOORS @ ENTRANCE / EXTERIOR.

2. PVC WRAPPED FIBERGLASS MAN DOOR FOR EQUIPMENT ROOM TO TUNNEL ACCESS.

3. ALUMINUM MAN DOORS WITH GLASS AT ALL EXTERIOR OFFICE AREA LOCATIONS.

- AXIOM BETA RETAIL TOWER -

Car Wash
DROP CURVE ROOF

Features:
Aluminum Composite Metal Panel Cladding
Decorative Steel Panels
Polycarbonate Roof Panels