

www.LDServices.net

April 24, 2025

RE: SUMMARY OF MODIFICATIONS 10-DR-2024 YAM Hangars at SDL-DRB submittal #3

The following outlines the modifications that have been done to our submittal materials and project site plan since the last review (#2). These modifications are a result of responses to City Staff review comments and changes to the project's operational programming to create additional opportunities for larger aircraft owners interested in utilizing the Scottsdale Airport (SDL).

- Corrections to the Site Plan, Site Plan Details, Technical Reports and Refuse Plan in response to City Staff comments.
- The current site plan has been modified to split the Hangar 1 Building, as depicted on the previous site plan on the southeast side, into 2 hangar buildings and rotated to allow for a common taxiway. Note that the Yam Hangar and Hangar 2 buildings remain relatively unchanged. The overall building area has decreased from 155,000 SF to 148,400 SF in this modification.
- Parking Requirements decreased from 82 spaces to 74 spaces on the revised site plan. However, there are 82 spaces provided on the current Site Plan.
- The enclosed parking garage originally planned for the northeast side of the project has been removed and replaced with surface parking.
- 2 separate underground fuel farms are proposed- 30,000 gallons at the Yam Hangar and 90,000 gallons adjacent to Hangar 1
- The previous single building massing of the hangar buildings adjacent to 78th Way has been revised to 2 buildings with a 150' Taxiway between them. A Blast Wall between the 2 buildings is added. This Blast Wall will incorporate an architectural element facing 78th Way to address a previous DRB comment to "celebrate the activity and celebration of flight".

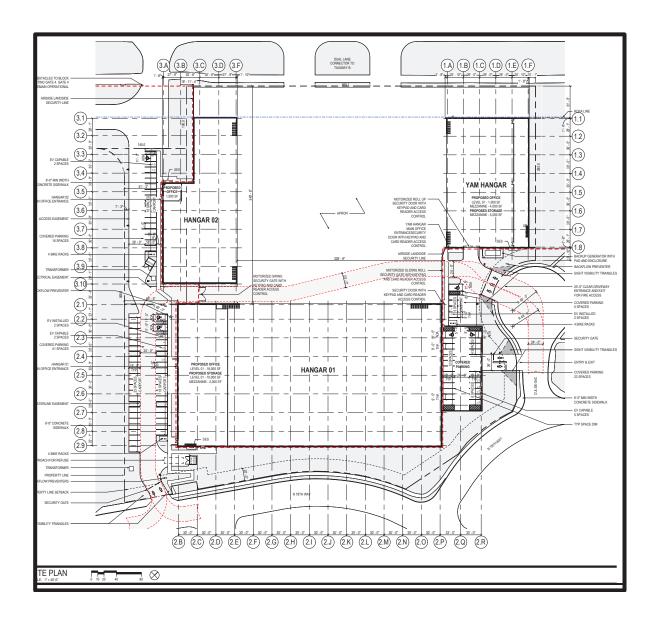
A Copy of the previous site plan is attached for your reference. Please let me know if you have any questions.

Thank You,

David Gulino

DGULINO@LDSERVICES.NET

(602) 330-5252



# Yam Hangars at SDL 14930 North 78<sup>th</sup> Way Development Review Board Application Narrative 635-PA-2023

Revised July 2024 Revised April 2025



Prepared for:



Prepared by: Land Development Services 5235 North Woodmere Fairway Scottsdale, AZ 85250 (602) 330-5252



# **Project Team**

Owner:



**Architect:** 

Gensler

Civil Engineer:



**Airport Consultants:** 





**Project Coordination:** 



# TABLE OF CONTENTS

Request	4
Development review Board Criteria	4
Overview	5
Project Location	6
Site Conditions	7
Architecture	8
Greater Airpark Character Area Plan	12
Aviation/Airport	14

# REQUEST

This request is for site plan and building elevation approvals for a new aircraft hangar complex located at 14930 North 78<sup>th</sup> Way on the southeast side of the Scottsdale Airport. The property is approximately 8.9 acres and is zoned I-1. The Assessor Parcel Number (APN) is 215-56-421B & 215-56-247B. Subsequent with this DRB Approval request, an application for a minor plat is being prepared and will be submitted to join the 2 parcels into a single parcel.

## DEVELOPMENT REVIEW BOARD CRITERIA

This proposed project has been designed in accordance with the following Development Review Board criteria. Information presented within this application illustrates the extent by which the proposed Architecture, Site Plan and Landscape meet these criteria.

- The application's consistency with the design and character components of the City's Design Guidelines and Standards, The Greater Airpark Character Area Plan and General Plan.
- The relationship of the Architectural Character, Landscaping and Site Design to surrounding development.
- The Architecture's response to the Sonoran Desert environment.
- Vehicular Ingress, egress, internal traffic circulation, loading and service areas and pedestrian circulation.
- Integration into the building design of the screening of mechanical equipment, appurtenances and utilities.

This project has been designed to comply with all City required guidelines to provide a high-quality project that is consistent with the surrounding context. The materials, forms and character are all shared with other properties surrounding the airport.

### **OVERVIEW**

The proposed hangar development and corporate offices would be utilized for aviation related purposes associated with aircraft storage and other aviation related support functions. This development is proposed for the currently undeveloped property located on private property adjacent to the airport. It is located on the south side of the SDL FAA Air Traffic Control Tower, east of Runway 3-21 and Taxiway B and adjacent to commercial properties. The site and new facilities, which are adjacent to the east side of Scottsdale Airport, are seeking direct access to the airport and Taxiway "B".

The aircraft hangar, associated storage, and office uses are complementary to adjacent properties and desired amenities in this area.

A Letter Report for the proposed Through-the-Fence (TTF) development has been analyzed and prepared by Coffman Associates, airport consultants, and is included in our submittal package.

# PROJECT LOCATION

This proposed project is located at 14930 North  $78^{th}$  Way on the southeast side of the Scottsdale Airport. The property is approximately 8.9 acres and is zoned I-1. The Assessor Parcel Number (APN) is 215-56-4218 & 215-56-2478.



Context Aerial



Site Aerial

### SITE CONDITIONS

The site is an undeveloped 8.9-acre parcel zoned I-1 located at 14930 North 78<sup>th</sup> Way on the southeast side of the Scottsdale Airport. Utility service (Water, Sewer, Power and Communications) will be provided by extending services to the site from existing facilities adjacent to the property. The property is located within a FEMA Zone "X" per FIRM Map Number 04013C1320LM dated 10/16/13. Onsite storm water retention will be provided and sized to accommodate the 100-year, 2-hour storm. Storm water retention discharge will be provided via new drywells to be installed with the site development.



## ARCHITECTURE

The Yam Hangars at SDL is a site that is proposed to be developed with four new structures and "Through-The-Fence (TTF) access to the Taxiway B at the Scottsdale Airport. The four proposed structures will be aircraft hangars with areas of approximately 30,000 square feet, 42,500 square feet, 42,500 square feet, and 33,400 square feet. A large ramp apron will be placed between the four hangar structures that will be utilized for aircraft circulation and staging.

The overall architectural character of the structures has been designed in compliance with the Greater Airpark Character area Plan and Scottsdale Sensitive Design guidelines to contribute to the high-quality development character that is consistent with the surrounding buildings. Finish materials, colors, forms, massing and character are compatible with adjacent and surrounding airport properties.



The primary material for the project will be painted tilt-up concrete construction which was chosen for its durability and structural integrity. Variety within the panels will is provided with the introduction of architectural elements such as windows, metal panel elements and texture shifts/reveals within the wall panels.

The scale of the building is designed to break up the overall height and reduce monotony. A lower more pedestrian scale section of the exteriors begins with a horizontal datum that provides a shift in color, texture, and fenestration breaking up the façade over the full height. Shade canopies are also provided to address the Sonoran Desert Environment and located to identify entries and primary facades.

Vehicle access to the site is from both N 78<sup>th</sup> way and the cul-de-sac. Parking is covered with accessible spaces located near the building entrances. Pedestrian access is provided by six-foot-wide concrete sidewalks connecting from the public right of way to the buildings. Bicycle parking is provided for each building and is placed conveniently on the site. There is also a secure garage which is accessed from the cul-de-sac.



The new massing of the hangars addressing 78<sup>th</sup> Way are now divided by a 150-foot taxiway. A blast wall and an installation (possibly a tensile/fabric structure) are being designed to address the 78<sup>th</sup> Way elevation as well as the previous DRB comment "celebrate the activity and celebration of flight".



Mechanical equipment will be screened from view using materials that are in line with the design concept of the building. Any equipment on the roof will be set back from the building perimeter and if higher than the parapet, will have mechanical screens to conceal them from public view.

The materials and colors selected evoke a Sonoran Desert theme with natural landscape hues. The colors of the painted metal and concrete have been selected to provide an understated contemporary and natural character. The introduction of dark metal panel elements in the facades as well as the shaded canopies provides a secondary material that further breaks up the building facades. Primary metal panels on the Hangars are included within the material hierarchy. The secured parking area also includes perforated dark metal panels to match the panel color and finishes o the hangar buildings.

The site and buildings have been designed to be compatible with the Scottsdale Sensitive Design Principles. Open space has been provided in compliance with the I-1 requirements. Open Spaces have been located adjacent to public zones. Landscape elements selected along the primary frontage on North 78<sup>th</sup> Way is based on that will most often be interacted with by the public.

The buildings are situated to allow for a modern and ample desert landscape along N 78<sup>th</sup> way which enhances the view to the building with natural elements. The buildings are positioned to encourage easy access from the landside and function effectively on the airside. A large central courtyard provides the space needed for aircraft to taxi from the runway to the hangars. The building design parallels the activity of flight by creating visual dynamism through variegated concrete panels integrating patterning and irregular color widths that create an everchanging dynamic along the façade. This approach re-enforces the illusion of "motion" and a dynamic image. Entry portals are designed to relate to the attributes and profile of airplane wings enhancing the engagement of flight. Additionally, the shade canopy carports are both angled and tapered to emulate the aerodynamic qualities of aircraft and highlight the takeoff and landing trajectory of an aircraft. A horizontal datum is aligned to the mezzanine level to give the building a human scale. The colors of the painted metal and concrete were selected to provide a contemporary, natural, and understated desert theme and to provide a sense of place in the surrounding context. The introduction of dark metal elements on the facades as well as the shade canopies provides a secondary accent element to enhance the building facades.



# GREATER AIRPARK CHARACTER AREA PLAN (GACAP)

The Greater Airpark Character Area Plan establishes the vision for the Greater Scottsdale Airpark and provides the basis for Greater Airpark decision-making over a twenty-year timeframe. The Character Area Plan contains explanatory goals, policies, and illustrative graphics to articulate and link the vision for the Greater Airpark and necessary. implementation programs to achieve the vision. The functions of the Greater Airpark Character Area Plan include:

- Guide policy decisions related to private and public projects in the Greater Airpark;
- Maintain the Greater Airpark as a national and international center for commerce and tourism;
- Sustain and enhance the area as a major employment and aviation center;
- Provide opportunities for the private sector to assume a strong leadership role and partner with the City in building the future success of the Greater Airpark;
- Establish an implementation framework for the Character Area Plan.

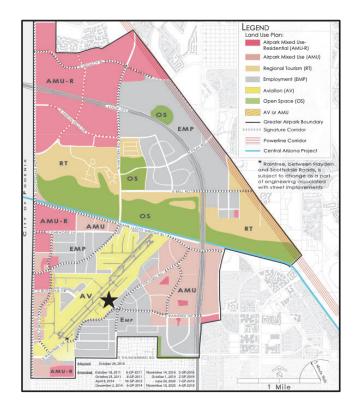


# The Greater Airpark Community Values...

- The positive image and unique cachet of the Greater Scottsdale Airpark;
- Opportunities for business diversity and technological innovation;
- Aviation as a defining characteristic and economic engine of the area;
- Accessibility and efficient circulation supportive of a mixed-use, regional employment center;
- Quality architecture and design reflective of a diverse, creative, and innovative environment;
- Stewardship and enhancement of adjacent residential neighborhoods;
- Special events and a range of high quality cultural amenities;
- Partnerships between the public sector and private entities to achieve community goals;
- The Sonoran Desert climate, meaningful open spaces, and unique setting of the Greater

Scottsdale Airpark; and

• A sense of community and overall sustainability.

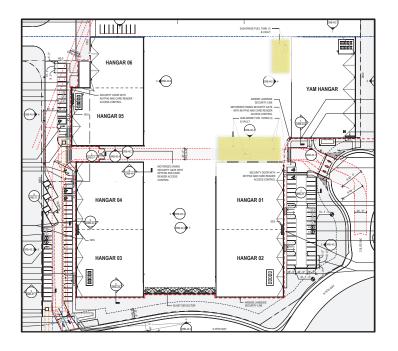


## **AVIATION/AIRPORT**

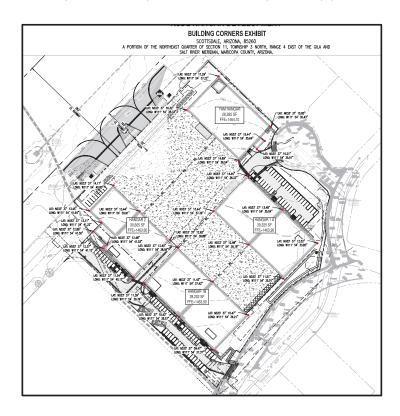
This project develops one of the last remaining undeveloped parcels located adjacent to the airport with a desirable aviation use.

A Letter Report for the proposed Through-the-Fence (TTF) development has been analyzed and prepared by Coffman Associates, airport consultants, and is included in our submittal package. The ultimate design and construction of the "Through-the-Fence" (TTF) taxilane will be performed separate from this study and approved by the City of Scottsdale Aviation Department.

The proposed facility will consist of four (4) aircraft hangar buildings with a building footprint area totaling approximately 148,000 square feet. In addition, 2 fuel farms are proposed within the site adjacent to the YAM Hangar and Hangar 1.



A Scottsdale Airport Long Form Vicinity Development Packet has been provided. The FAA "Determination of No Hazard Letter" is in process and will be provided prior to final plan approval.



### Security / Access Control

Access to the ramp/staging area will be controlled/restricted by a gate and access control devices on applicable doorways with airside access to maintain security as required by the Scottsdale Airport and coordinated with airport operational staff. The secured access control areas will be managed by onsite staff members. Any visitors that enter the airside security line will be escorted by badged employees. The development will be enclosed by walls that are at least 8' in height or 6' with two feet of barbed security wire per Scottsdale Airport requirements. There are three vehicular driveway access points to the onsite parking area from public streets (78th Way and Raintree Drive). Access to the parking areas will be secured by a gate. Additional security gates will be installed at access points from the parking area to the aircraft staging area and hangars.

# YAM MANAGEMENT

YAM Hangars at SDL 10-DR-2024

DEVELOPMENT REVIEW BOARD 04.18.2025

14930 N 78TH WAY SCOTTSDALE, AZ 85260

#### YAM MANAGEMENT

15475 N 84th St Scottsdale, AZ 85260 Telephone 480.696.4831 Email

#### **GENSLER**

Architect

2575 E Camelback Rd Suite 175 Phoenix, AZ 85016 Telephone 602.523.4904 Email

#### SEG

Civil Engineer

5240 N 16th Street Suite 105 Phoenix, AZ 85016 Telephone 480.588.7226 Email

#### **COFFMAN ASSOCIATES**

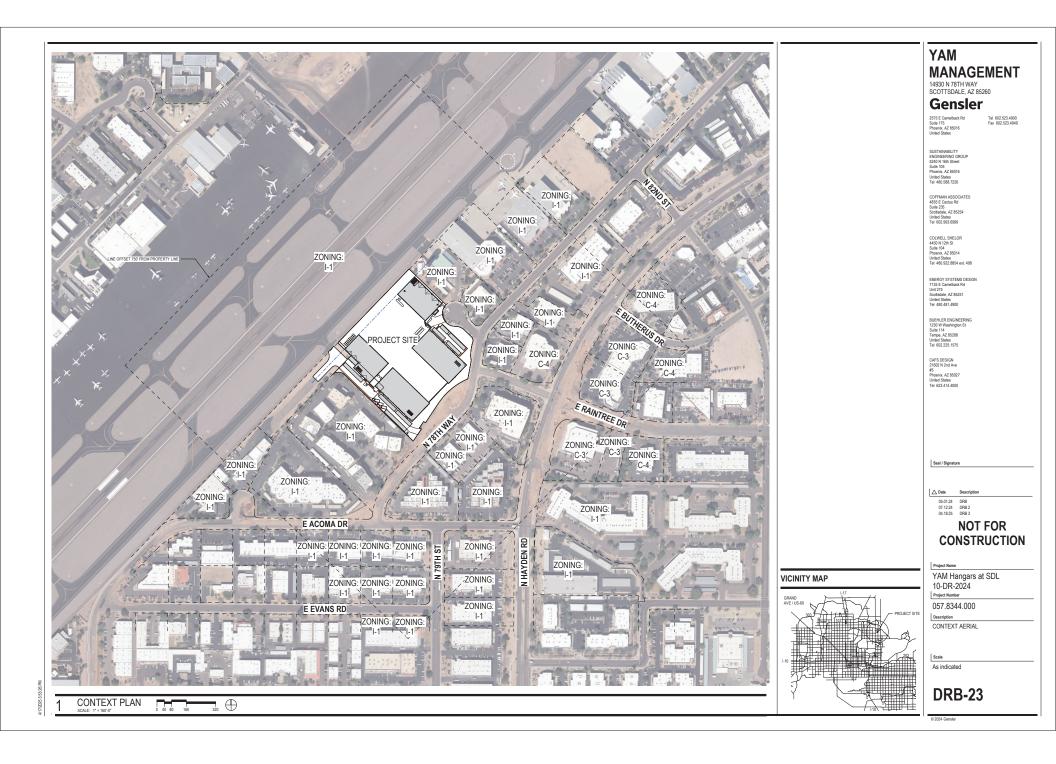
Civil Engineer

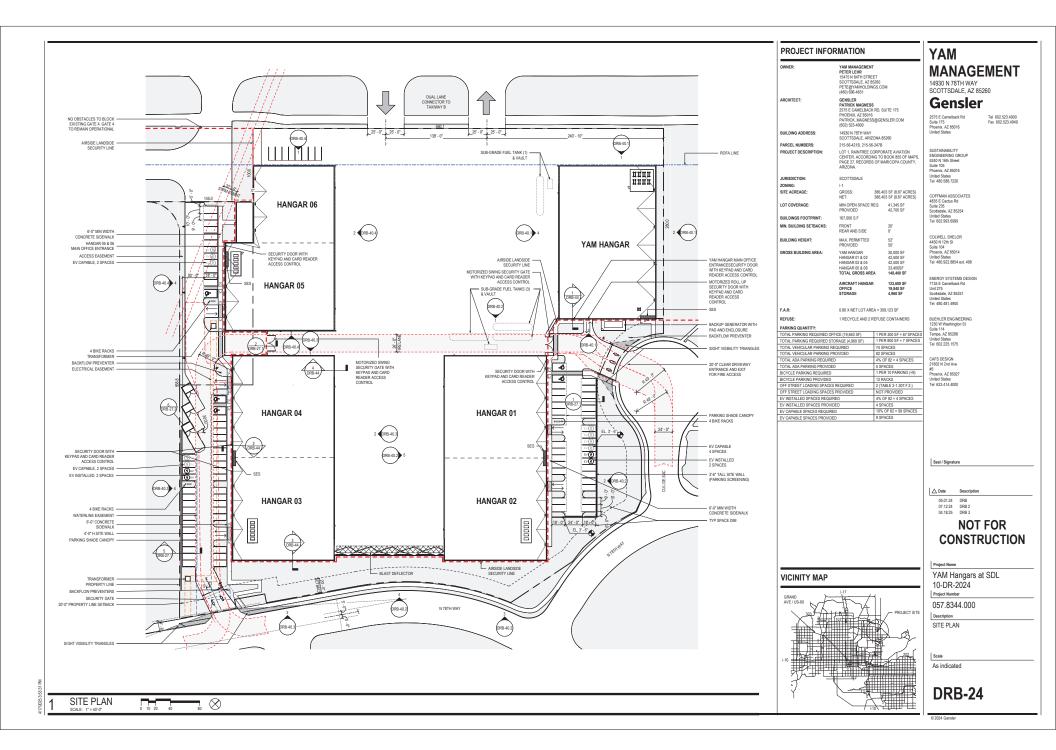
4835 E Cactus Rd Suite 235 Scottsdale, AZ 85254 Telephone 602.993.6999 Email

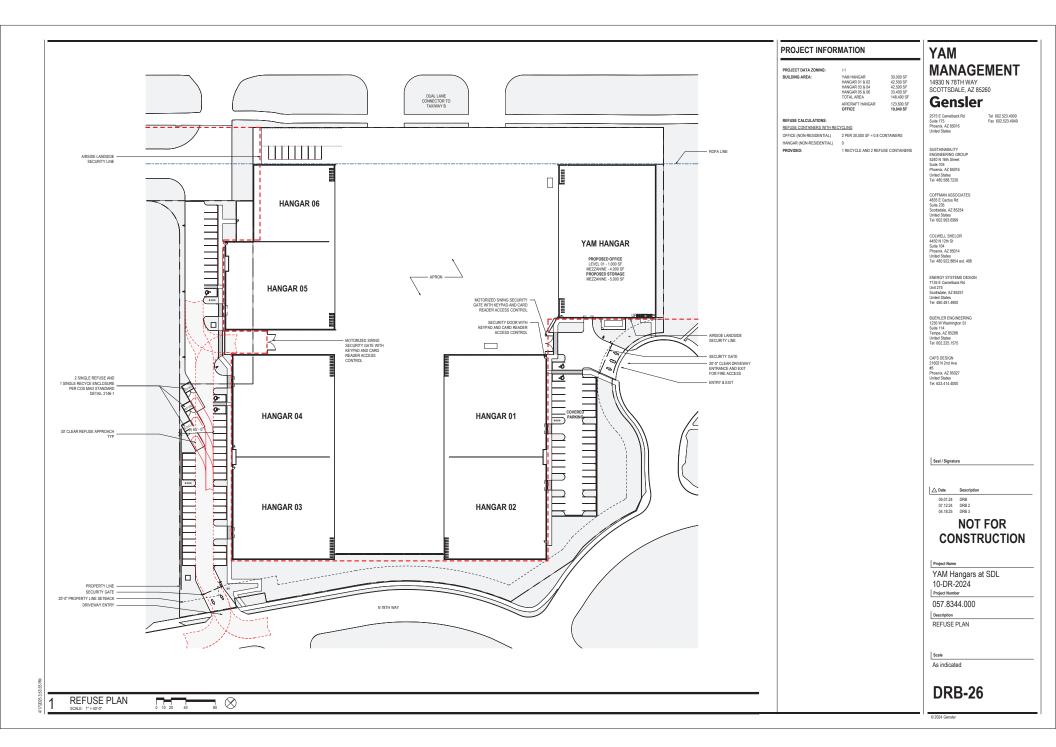
#### **COLWELL SHELOR**

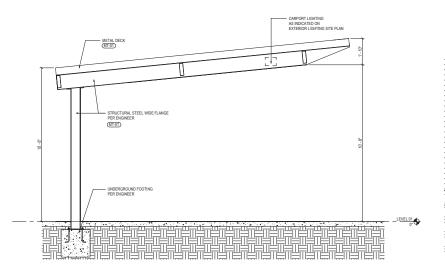
Landscape Architect

4450 N 12th St Suite 104 Phoenix, AZ 85014 Telephone 480.922.8854 ext. 498 Email









26 MIN 28 MIN CLEAR ADJ WALL

11/2

11/2

11/2

11/2

11/2

11/2

11/2

11/2

11/2

11/2

11/2

11/2

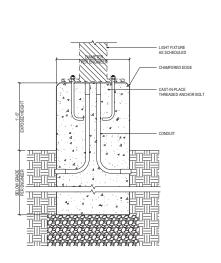
11/2

11/2

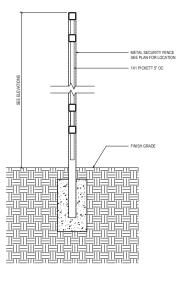
11/2

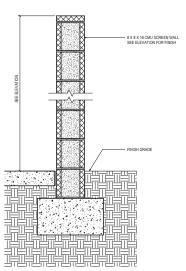
5 SECTION @ PARKING CANOPY

3 BIKE RACK DETAIL



TYPICAL LIGHT POLE BASE





TYPICAL SITE SECURITY FENCE SCALE: 11/2"=1'-0"

TYPICAL SITE WALL DETAIL SCALE: 11/2"=1'-0"

### YAM MANAGEMENT

14930 N 78TH WAY SCOTTSDALE, AZ 85260

#### Gensler

2575 E Camelback Rd Suite 175 Phoenix, AZ 85016 United States Tel 602.523.4900

SUSTAINABILITY ENGINEERING GROUP 5240 N 16th Street Suite 105 United States Tel 480.588.7226

COFFMAN ASSOCIATES 4835 E Cadus Rd Suite 235 Scottsdale, AZ 85254 United States Tel 602.993.6999

COLWELL SHELOR 4450 N 12th St Suite 104 Phoenix, AZ 85014 United States Tel 480.922.8854 ext. 498

ENERGY SYSTEMS DESIGN 7135 E Camelback Rd Unit 275 Scottsdale, AZ 85251 United States Tel 480.481.4900

BUEHLER ENGINEERING 1230 W Washington St Suite 114 Tempe, AZ 85288 United States Tel 602.225.1575

CAFS DESIGN 21602 N 2nd Ave #5 Phoenix, AZ 85027 United States Tel 623.414.4000

Seal / Signature

# CONSTRUCTION

Project Name

YAM Hangars at SDL 10-DR-2024 Project Number

057.8344.000

Description

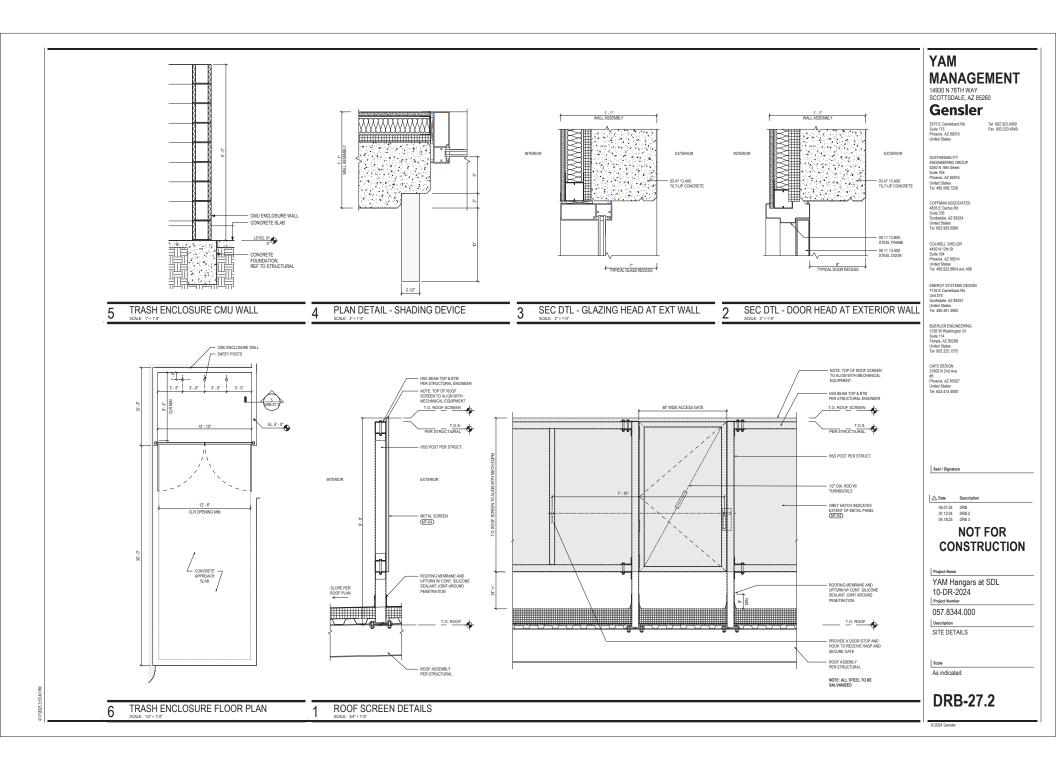
SITE DETAILS

As indicated

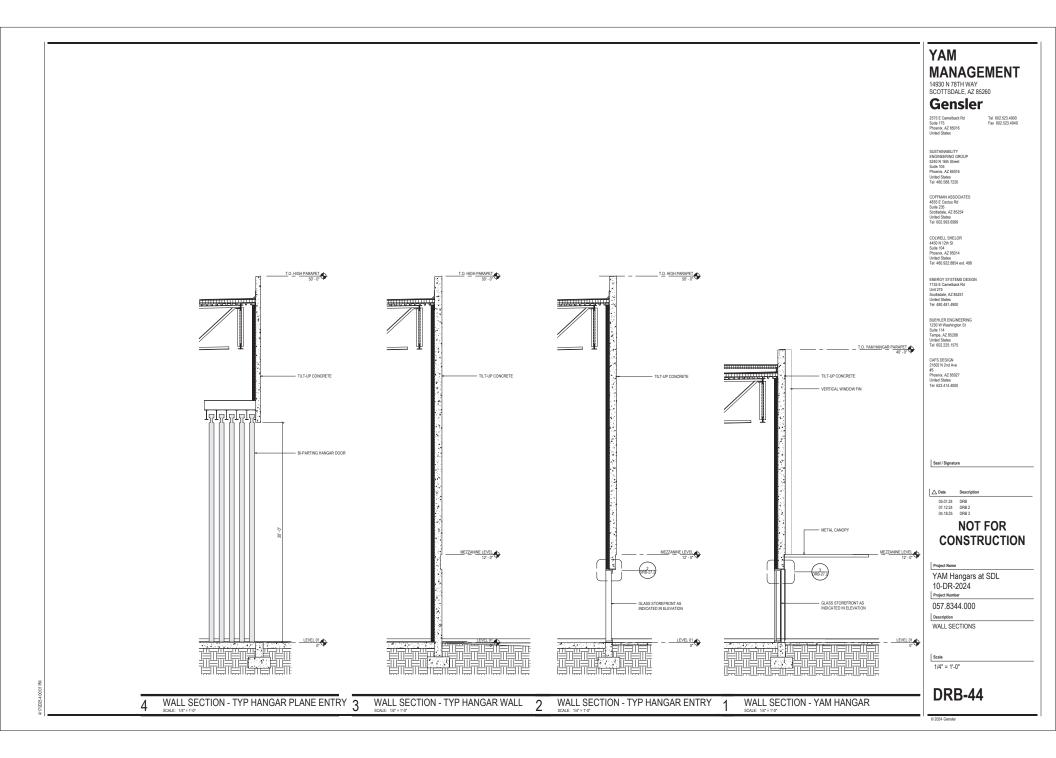
DDD 07.4

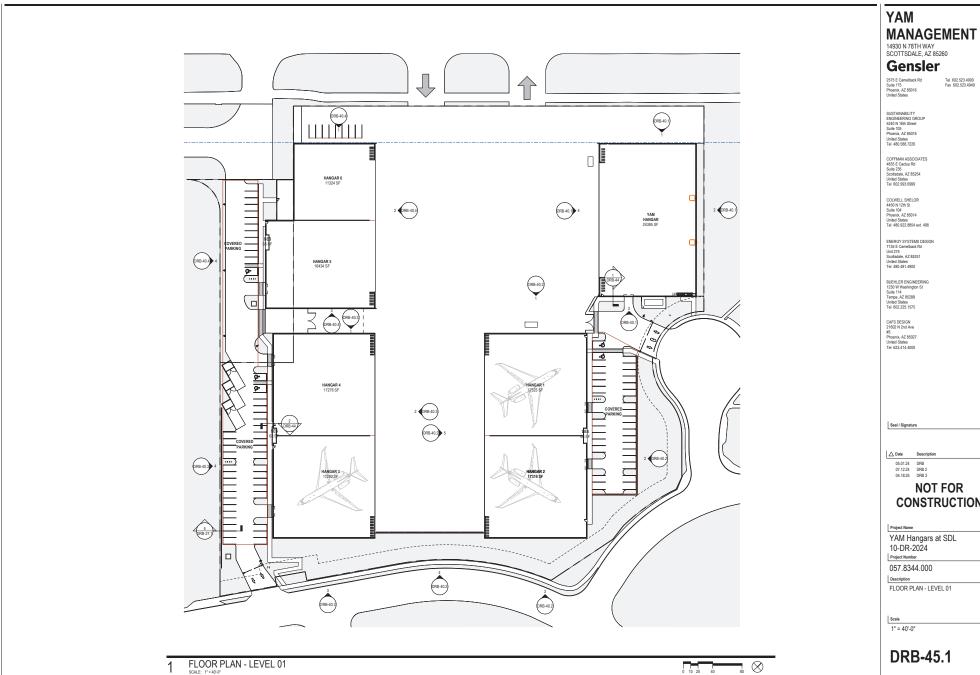
DRB-27.1

2024 Gensler

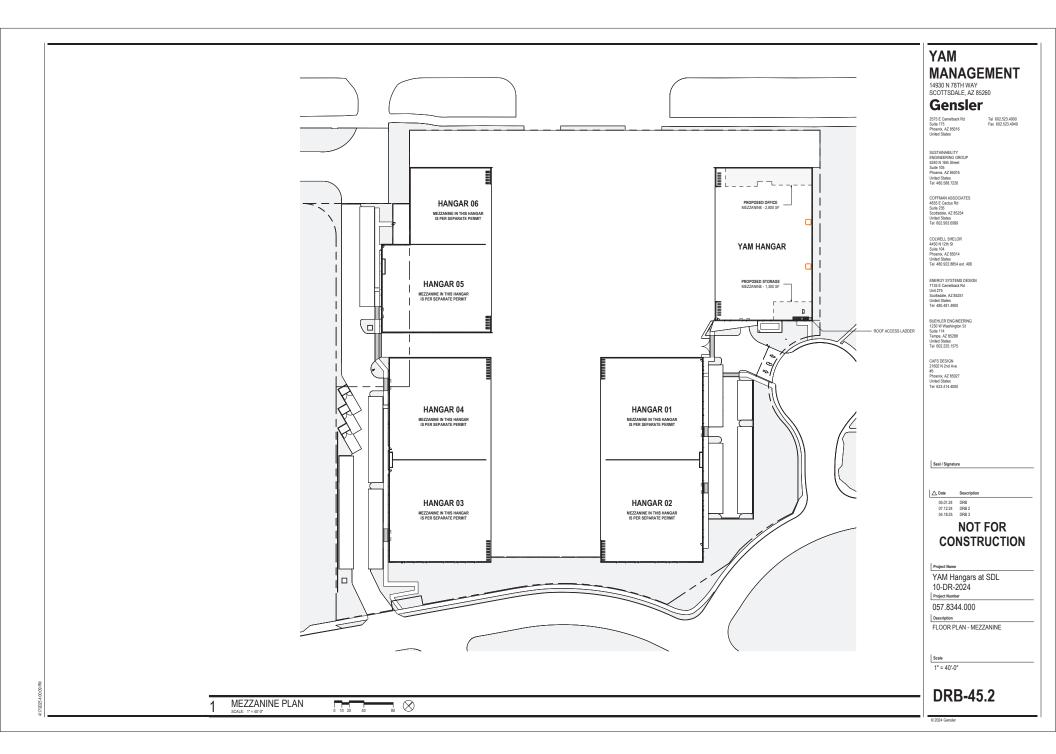


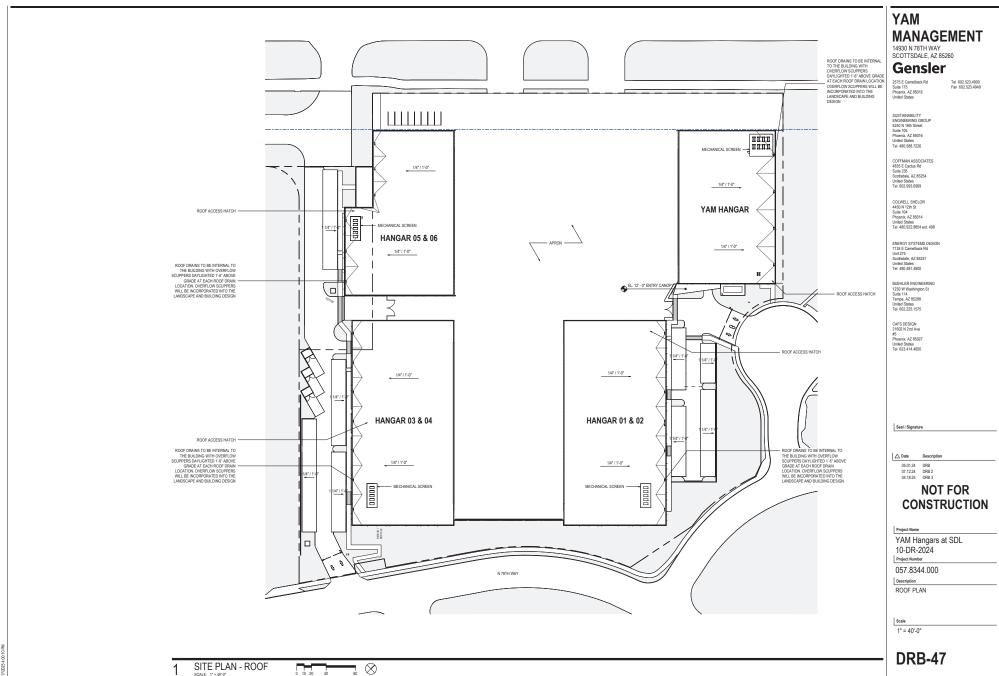




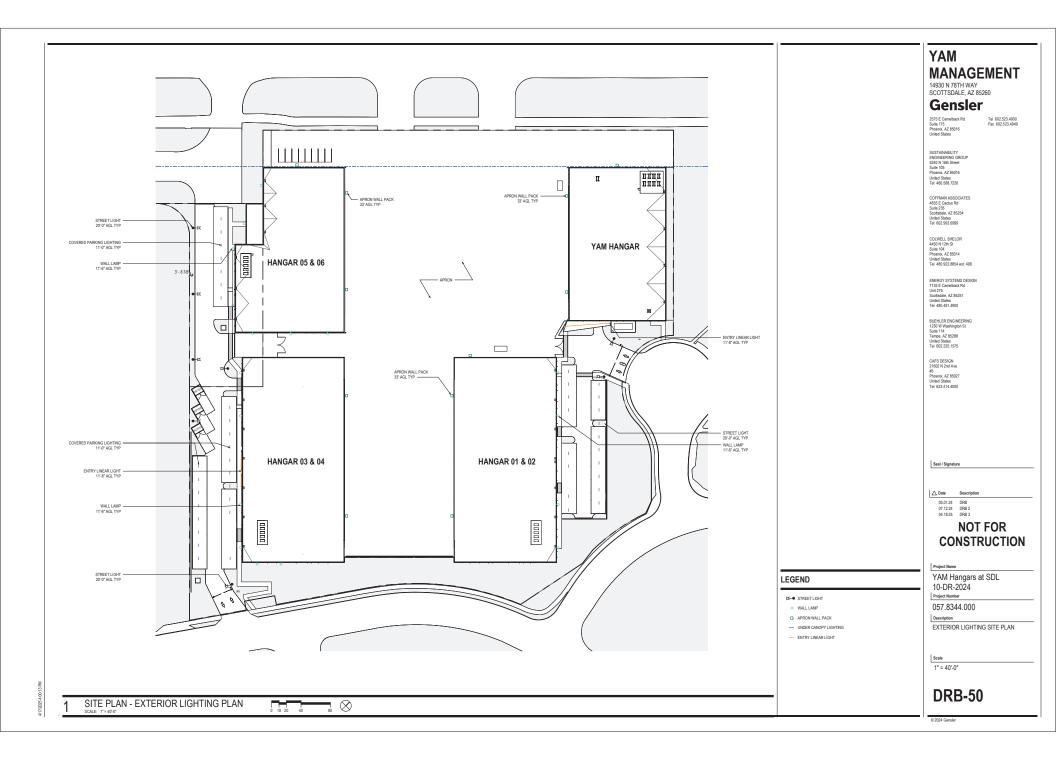


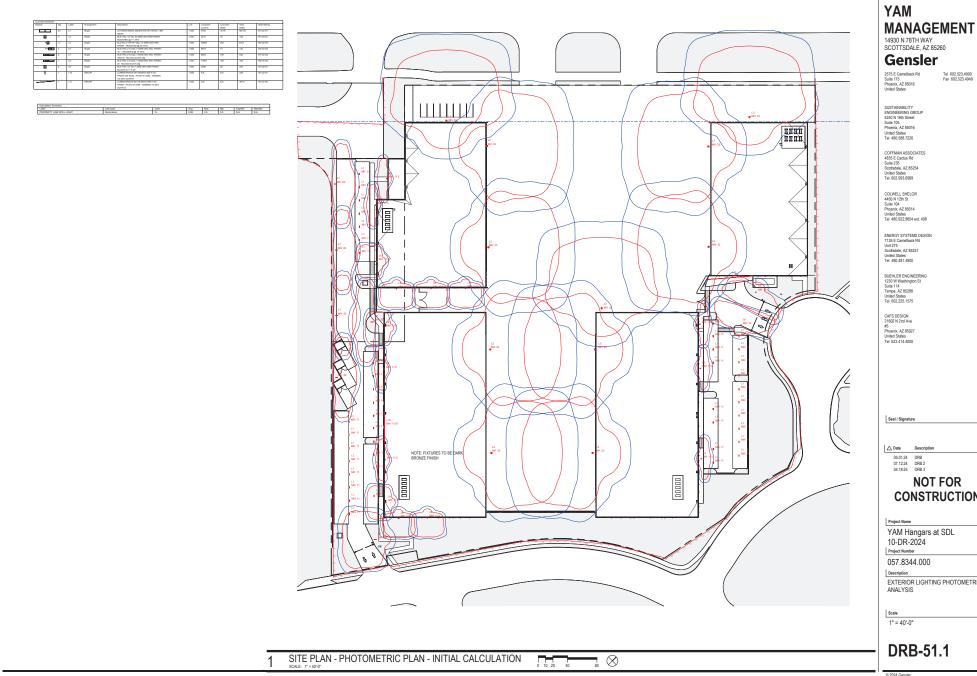
# CONSTRUCTION





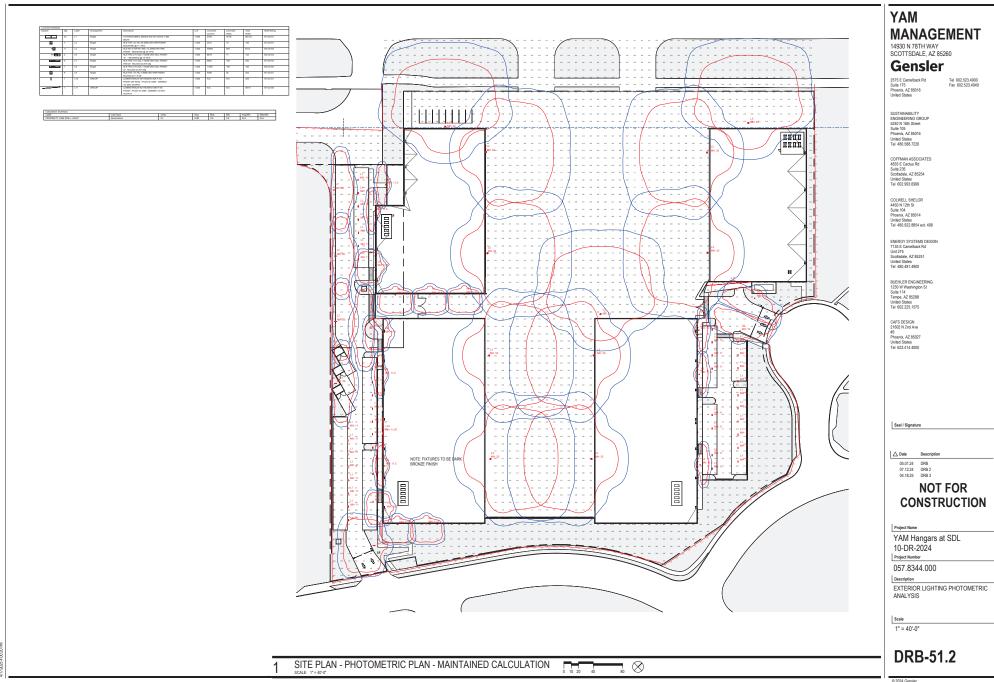
© 2024 Gensle





# CONSTRUCTION

EXTERIOR LIGHTING PHOTOMETRIC



# YAM MANAGEMENT

YAM Hangars at SDL 10-DR-2024

DEVELOPMENT REVIEW BOARD 04.18.2025

14930 N 78TH WAY SCOTTSDALE, AZ 85260

#### YAM MANAGEMENT

15475 N 84th St Scottsdale, AZ 85260 Telephone 480.696.4831 Email

#### **GENSLER**

Architect

2575 E Camelback Rd Suite 175 Phoenix, AZ 85016 Telephone 602.523.4904 Email

#### SEG

Civil Engineer

5240 N 16th Street Suite 105 Phoenix, AZ 85016 Telephone 480.588.7226 Email

#### **COFFMAN ASSOCIATES**

Civil Engineer

4835 E Cactus Rd Suite 235 Scottsdale, AZ 85254 Telephone 602.993.6999 Email

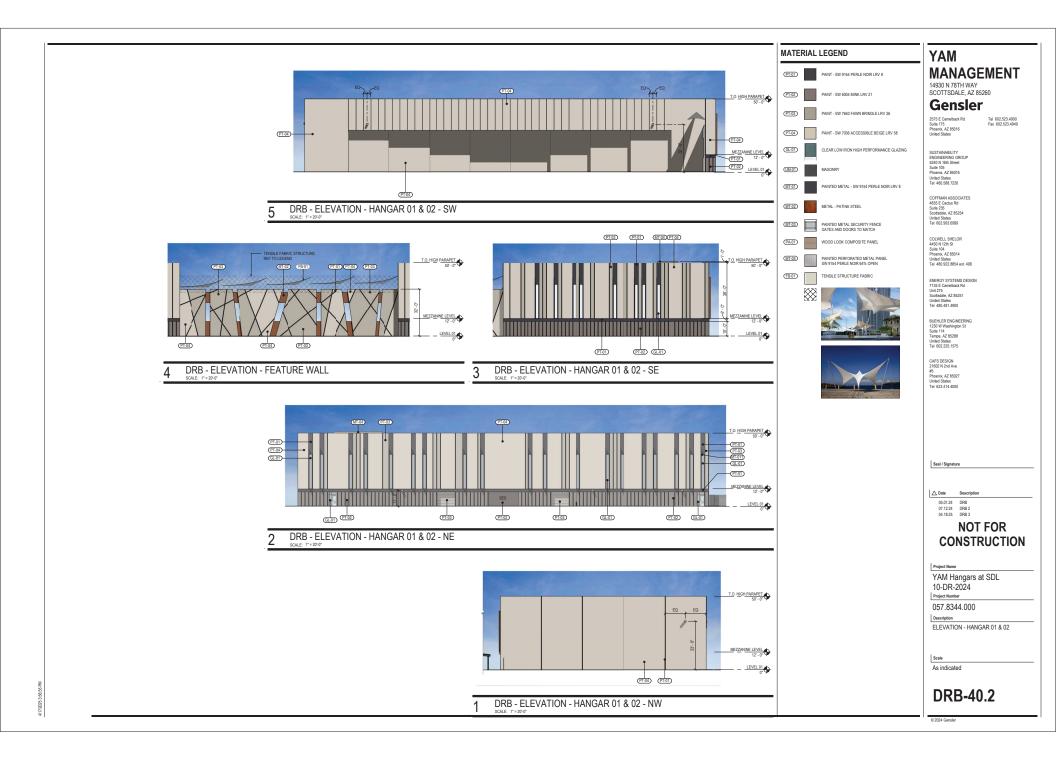
#### **COLWELL SHELOR**

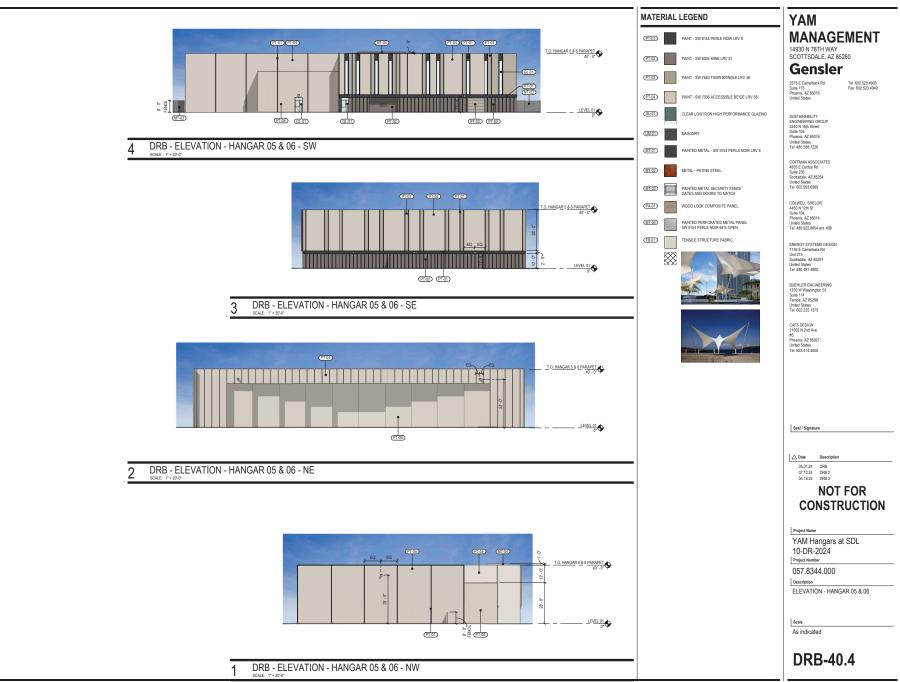
Landscape Architect

4450 N 12th St Suite 104 Phoenix, AZ 85014 Telephone 480.922.8854 ext. 498 Email

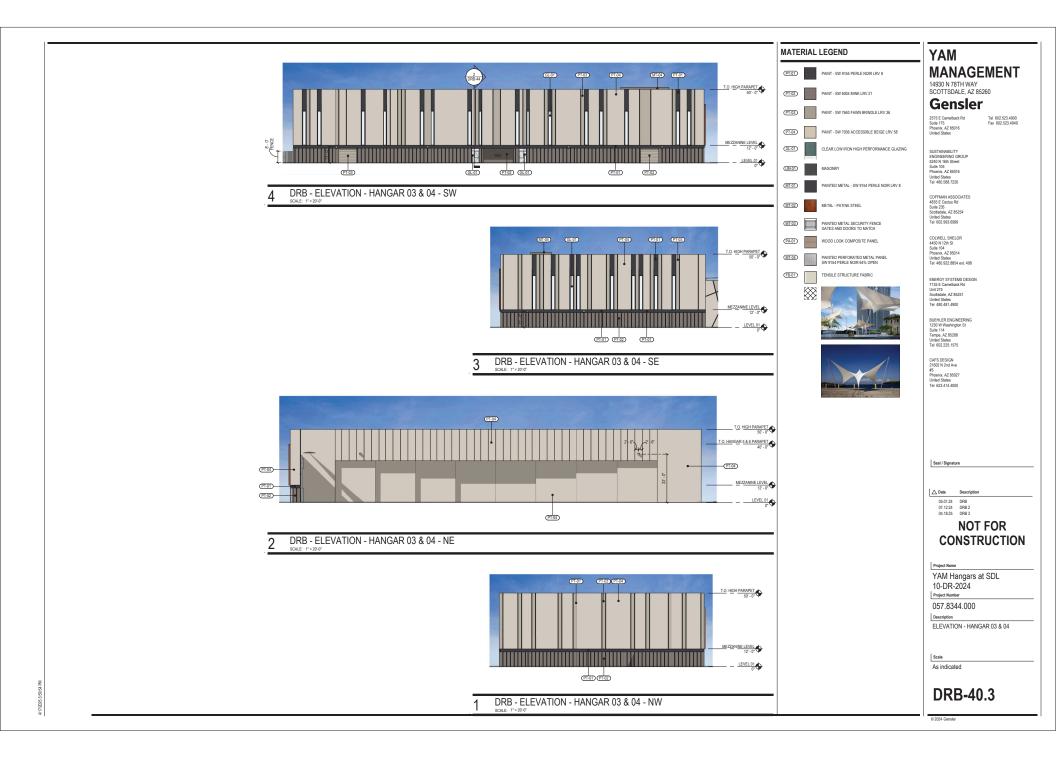


2025 3:55:08 PM





© 2024 Gensi



VIEW OF ENTRY ON N 78TH WAY



VIEW OF FEATURE WALL ON 78TH WAY



VIEW OF HANGAR 01 ON N 78TH WAY LOOKING WEST



VIEW OF YAM HANGAR LOOKING WEST

# YAM MANAGEMENT 14930 N 78TH WAY SCOTTSDALE, AZ 85260

### Gensler

2575 E Camelback Rd Suite 175 Phoenix, AZ 85016 United States

SUSTAINABILITY ENGINEERING GROUP 5240 N 16th Street Suite 105 Phoenix, AZ 85016 United States Tel 480.588.7226

COFFMAN ASSOCIATES 4835 E Cactus Rd Suite 235 Scottsdale, AZ 85254 United States Tel 602.993.6999

COLWELL SHELOR 4450 N 12th S1 Suite 104 Phoenix, AZ 85014 United States Tel 480.922.8854 ext. 498

ENERGY SYSTEMS DESIGN 7135 E Camelback Rd Unit 275 Scottsdale, AZ 85251 United States Tel 480.481.4900

BUEHLER ENGINEERING 1230 W Washington St Suite 114 Tempe, AZ 85288 United States Tel 602.225.1575

CAFS DESIGN 21602 N 2nd Ave #5 Phoenix, AZ 85027 United States Tel 623.414.4000

△ Date

### **NOT FOR** CONSTRUCTION

Project Name

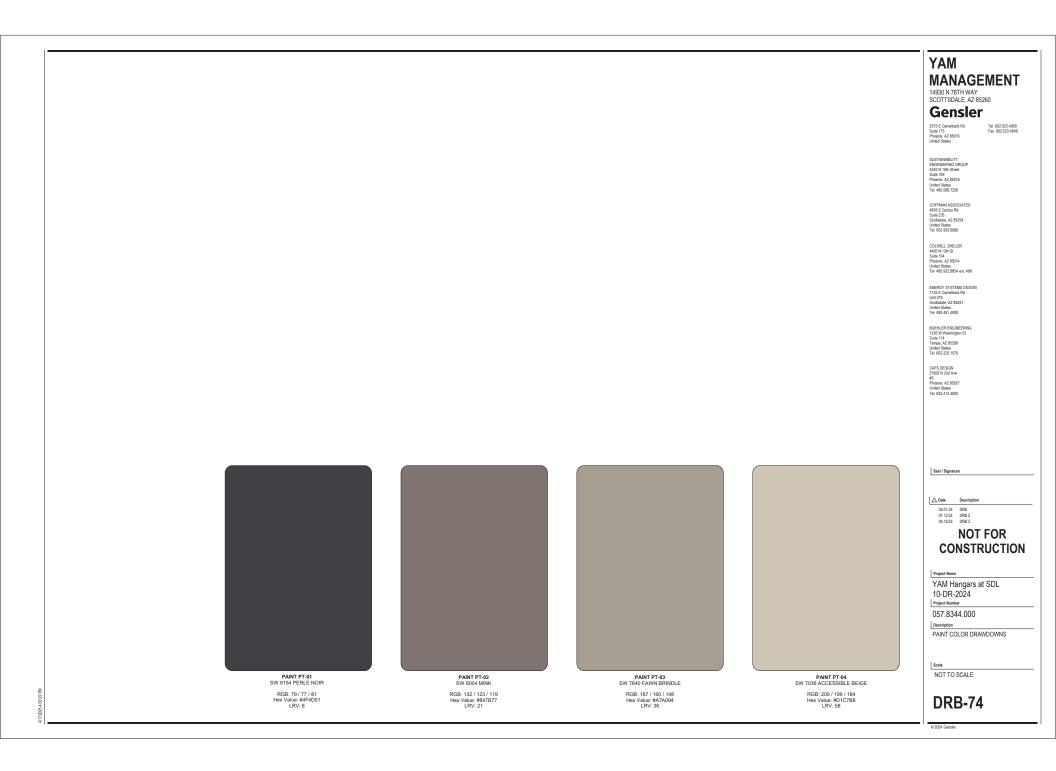
YAM Hangars at SDL 10-DR-2024

Project Number 057.8344.000

Description

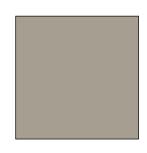
PERSPECTIVES

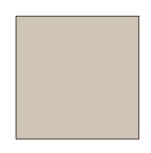
**DRB-42** 



## **MATERIAL BOARD**









PAINT PT-01 SW 9154 PERLE NOIR LRV 8



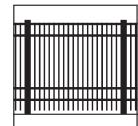
PAINT PT-02 SW 6004 MINK LRV 21



PAINT PT-03 SW 7640 FAWN BRINDLE LRV 36



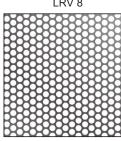
PAINT PT-04 SW 7036 ACCESSIBLE BEIGE LRV 58



MASONRY UM-01



METAL MT-01 SW 9154 PERLE NOIR LRV 8



METAL MT-02 PATINA STEEL

PANEL PA-01 WOOD LOOK COMPOSITE PANEL

FENCE MT-03
PAINTED METAL SECURITY
FENCE
GATES AND DOORS TO MATCH

CLEAR LOW IRON HIGH PERFORMANCE GLAZING GL-01

PERFORATED METAL PANEL MT-04 SW 9154 PERLE NOIR 64% OPEN

YAM HANGAR 14930 N 78TH WAY SCOTTSDALE, ARIZONA 85260



#### YAM HANGARS

AT SDL

14880 N 78TH WAY SCOTTSDALE, AZ 85260

#### Gensler

2575 E Camelback Rd Suite 175 Phoenix, AZ 85016 United States

Tel 602.523.4900 Fax 602.523.494

△ Date

24.05.01 DRB 24.07.12 DRB RESUBMITTAL 25.04.16 DRB RESUBMITTAL

Seal / Signature

# NOT FOR CONSTRUCTION

Project Name

YAM Hangars at SDL

Project Number

057.8344.000

Description

XX.

Scale

L2.00

ti 2003 Gernter