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ARCHITECTURE	CIVIL ENGINEERING
PLANNING	BRANDING
INTERIORS	BUILDING MEASUREMENT

SKYPORT AT REDFIELD HANGARS

7600 E. Redfield Rd
Scottsdale, Arizona 85260
Pre-application# 250-PA-2024
APN: 215-56-114A
MCR: 186-44
Zoning: Industrial Park (I-1)
FEMA: X

The proposed project is located at 7600 E. Redfield Rd, Scottsdale, Arizona 85260, Parcel #215-56-114A which is located on the east side of Scottsdale Airpark. The property has access to an existing taxiway for Scottsdale Airpark via an existing aircraft easement adjacent to the west side of the property.

The Skyport Hangar Complex, a visionary project, aspires to set new standards in aviation architecture, intertwining functionality with a cutting-edge design philosophy. The goal is to create not just hangar spaces but an emblematic airpark that reflects a seamless fusion of aviation heritage, modern aesthetics, and sustainable practices. The overarching concept revolves around a harmonious blend of form and function and uses materials and a color palette that blend well with the surrounding context and the Sonoran Desert.

The inspiration draws from the sleek lines and precision of aircraft design and materials, translating into the project's core philosophy of precision, elegance, and adaptability. This is embodied in the choice of materials – concrete tilt wall panels for durability and strength in the hangars, juxtaposed with the modernity of the knife edge aluminum panel shroud and glass for the offices, symbolizing the speed and sculpted form of an aircraft's fuselage.

Proposed landscape utilizes native plants to the desert environment incorporating efficient water use throughout. Location of plantings will utilize the natural varying heights so there is not a group landscape of similar height limited to one area. Site storm drainage will use surface retention along the southern and eastern perimeter of the site and will also utilize underground retention under the shared apron area.

Parcel #215-56-114A does not lie within the Environmentally Sensitive Lands (ESL) Ordinance governed area. The proposed construction is not in a historical portion of Scottsdale and is not governed by the Historical Property Overlay District as noted in Section 1.904 of the Scottsdale Zoning Ordinance.

The site has dual access from N. 76th Pl and E. Redfield Rd. The east drive will provide access to Building 2 (hangars 2,3,4) and the motorized security gate to the aircraft staging area while the South drive serves Building 1 (hangar 1). The east access drive will allow access for Refuse and required Fire Apparatus. The security gate is the only access point for vehicles from the parking area to the staging area and additional access can be through each hangar for convenience and security. Parking is provided for the offices and visitors with forty eight parking spaces, including covered and six required accessible parking stalls. All six accessible parking stalls are covered which satisfies the requirement described in Section 9.105 G-O. There are six (6) bicycle parking spaces provided on the site on the public side of the screen wall as required per Section 9.103. Specified bicycle rack is per City of Scottsdale detail number 2285 and is included on sheet 024a of the submitted package. Location of the bike rack does not impede pedestrian access on the site.

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Pedestrian site access is from both N. 76th Pl and E. Redfield Rd, which connect to the existing 5'-0" wide sidewalk. New sidewalks and ramps will match the existing walk width of 5'-0". All new walkways, ramps, parking stalls, and circulation will be in accordance with 2010 ADA Standards for Accessible Design.

Hangar 1 is the largest of the four hangars with a 13,015 S.F. hangar and a 4,914 S.F. two-story office area. The larger size is to maximize the building footprint and to utilize the site more effectively. Hangar 2 will consist of a 11,287 S.F. hangar and a 4,332 S.F. two-story office. Hangar 3 will consist of a 10,355 S.F. hangar and a 3,750 S.F. two-story office. Lastly, Hangar 4 will consist of a 10,700 S.F. hangar and a 4,040 S.F. two-story office. All hangars will have a drive-in door for access from the parking lot providing added convenience and security for users separating pedestrian traffic from the staging area. Each hangar will be constructed with concrete tilt walls with reveals and color changes to create added texture and depth. The offices will have a clean modern design utilizing glass and deep canopies to provide building shading. All hangars will be designed with rooftop mechanical units conditioning individual hangars. All mechanical equipment will be fully screened by parapets or decorative screen walls.

The Owner is proposing to install an underground on-site private fuel system in the aircraft staging area. The team has engaged Complete Aviation Fuel System to assist in the layout and design of the fuel system. To utilize a shared fuel system, the Owner will 'Condominiumize' the hangars and have a common aircraft staging area and create a CC&R for use and operation.

Sincerely,
Dan Richardson

Dan Richardson, AIA, NCARB, LEED AP BD+C
M 602.723.4112 P 480.767.1001 x1931
2777 E. Camelback Rd, Suite 325, Phoenix, AZ 85016
drichardson@waremalcomb.com



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 INTERIORS
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 BRANDING
 BUILDING MEASUREMENT
 2777 E. Camelback Rd. Suite #325
 Phoenix, AZ 85016
 P. 480.767.1001

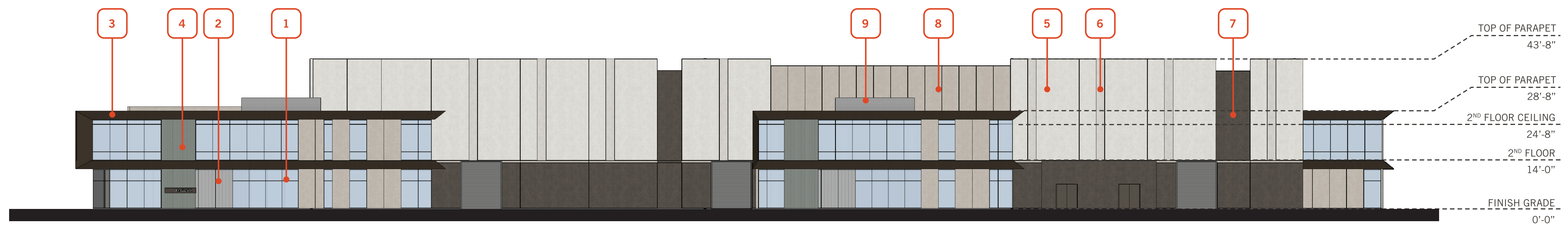
PROJECT NO.: 250-PA-2024
 KEY CODE: 53E64
 OWNER/DEVELOPER:
 Brian Regehr
 480.355.4227
 bregehr@wstgp.com
 ARCHITECT:
 WARE MALCOMB
 Kevin Everham - Principal
 2777 East Camelback Road #325
 Scottsdale, Arizona 85016
 480.800.5294
 keverham@waremalcomb.com

**SKYPORT AT REDFIELD
 HANGARS**
 7600 E. REDFIELD RD
 SCOTTSDALE, AZ 85260

BUILDING ELEVATIONS	
DATE	REMARKS
04/05/2024	PRE-APP SUBMITTAL
04/10/2024	DRB SUBMITTAL

PA / PM:	D. RICHARDSON
DRAWN BY:	TR
JOB NO.:	PHX24-0033-00

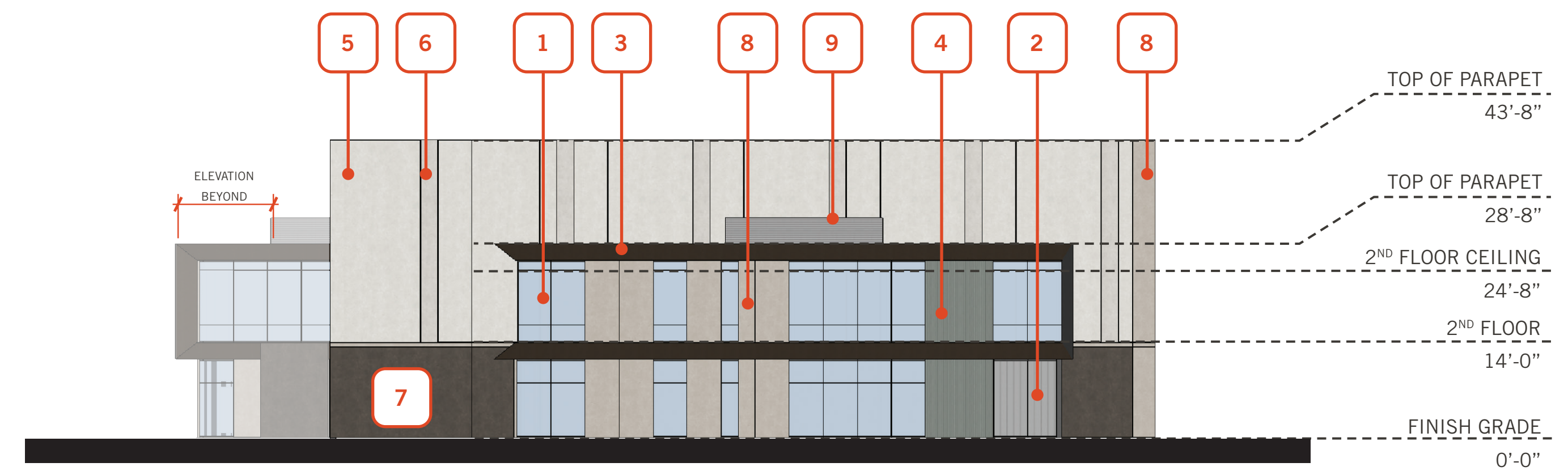
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 Wed, 10 Apr 2024



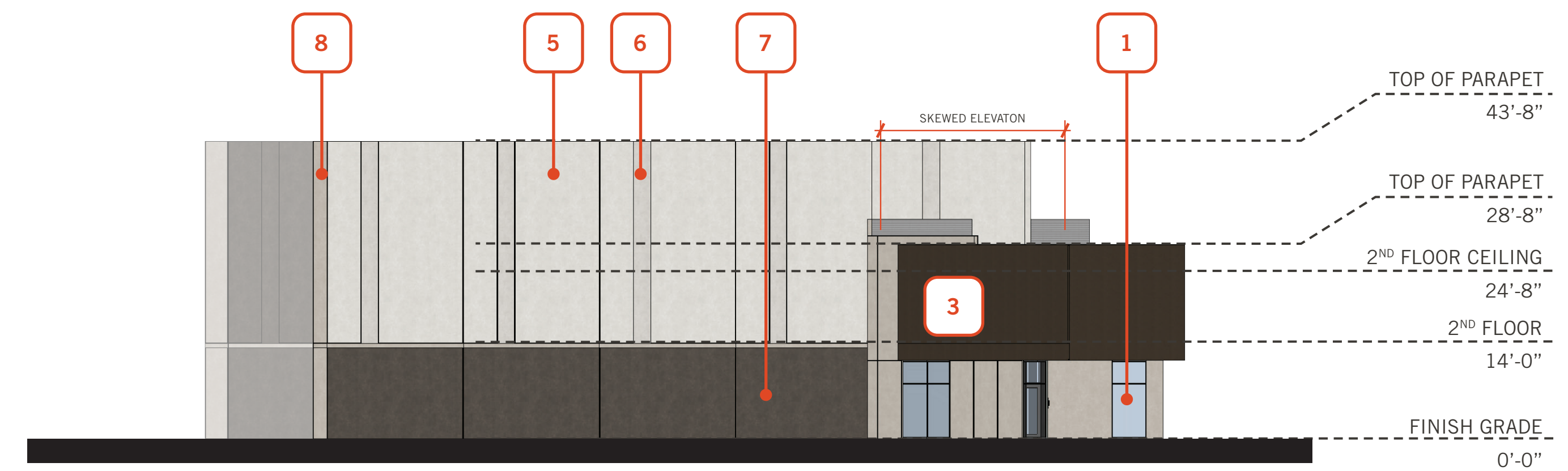
SOUTH ELEVATION | SCALE: 1/16" = 1'-0"



NORTH ELEVATION | SCALE: 1/16" = 1'-0"



EAST ELEVATION | SCALE: 1/16" = 1'-0"



WEST ELEVATION | SCALE: 1/16" = 1'-0"

KEYNOTES

- | | | |
|--|---|--|
| <p>1 SOLARBAN OPTIGRAY WITH CLEAR ANODIZED ALUMINUM MULLIONS
ARCADIA: T500 TI BEAM 1 SERIES</p> <p>2 ALUMINUM COMPOSITE METAL PANEL, COLOR: MEDIUM GRAY</p> <p>3 ALUMINUM COMPOSITE METAL PANEL, COLOR: MATTE DARK BRONZE</p> | <p>4 CONCRETE TILT PANEL WITH FORMLINER, PAINTED: SHERWIN WILLIAMS: CITYSCAPE - 7067, LRV: 22</p> <p>5 CONCRETE TILT PANEL WITH REVEALS AS SHOWN, PAINTED: SHERWIN WILLIAMS: FIRST STAR - 7646, LRV 69</p> <p>6 3/4" RECESS AT CONCRETE TILT PANEL PAINTED: SHERWIN WILLIAMS: BIG CHILL - 7648, LRV 62</p> | <p>7 CONCRETE TILT PANEL: SHERWIN WILLIAMS, URBANE BRONZE - 7048, LRV 8</p> <p>8 CONCRETE TILT PANEL WITH REVEALS AS SHOWN, PAINTED: SHERWIN WILLIAMS: MINDFUL GRAY - 7016, LRV 48</p> <p>9 MECHANICAL LOUVER SCREEN</p> <p>10 HYDRAULIC HANGAR DOOR WITH INTEGRATED WINDOWS</p> |
|--|---|--|

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WARE MALCOMB
ARCHITECTURE
PLANNING
INTERIORS
CIVIL ENGINEERING
BRANDING
BUILDING MEASUREMENT
2777 E. Camelback Rd, Suite #325
Phoenix, AZ 85016
P 480.767.1001

PROJECT NO. 250-PA-2024
KEY CODE: 53E64

OWNER/DEVELOPER:
Brian Regehr
480.355.4227
bregehr@wslgp.com

ARCHITECT:
WARE MALCOMB
Kevin Evrinhart - Principal
2777 East Camelback Road #325
Scottsdale, Arizona 85016
480.800.5294
kevinham@waremalcomb.com

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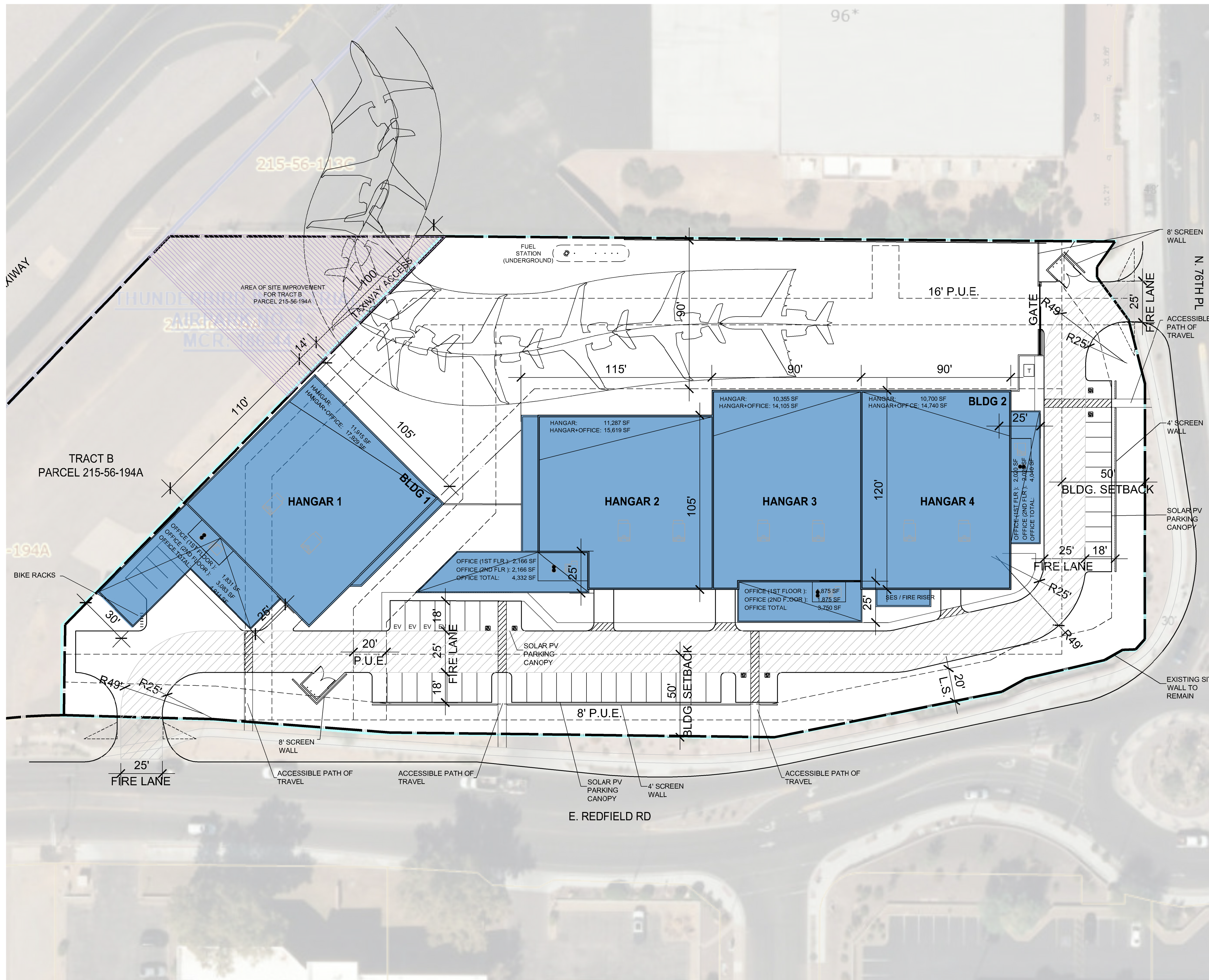
SITE PLAN		REMARKS
DATE	04/05/2024	PRE-APP SUBMITTAL
	04/24/2024	DRB SUBMITTAL

PA / PM: D. RICHARDSON
DRAWN BY: TR
JOB NO.: PHX24-0033-00

SHEET
024a

PROPERTY INFORMATION
ADDRESS: 7600 E REDFIELD RD SCOTTSDALE 85260
CROSS STREETS: E. REDFIELD RD & N. 76TH PL
PARCEL NUMBER: 215-56-114A
ZONING: INDUSTRIAL PARK (I-1)
FAR: 0.80 (80%) 128,606 SF
OPEN SPACE: 0.10 (10%) 16,075 SF
OVERLAY: GREATER AIRPARK CHARACTER AREA PLAN
LAT/LONG: 33.614470, -111.917163
MCR#: 186-44
FEMA: X
HEIGHT LIMIT: 52' TO PARAPET
100' EQUIPMENT SCREENING <50% FOOTPRINT SUBJECT TO AIRPORT AUTHORITY APPROVAL (ARTICLE VII SECTION 7.102.A)
LOT AREA: 160,757 SF (3.69 Acres)
BUILDING SETBACK: 50'
LANDSCAPE SETBACK: 20'

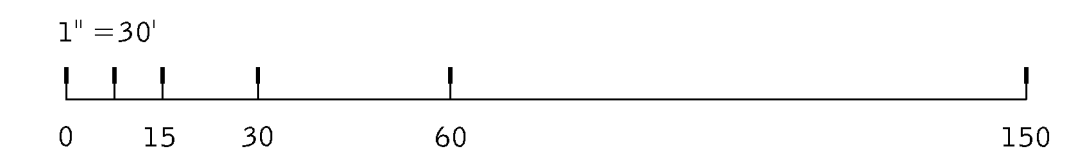
PROJECT DATA
BUILDING HEIGHT: 44'-0"
BUILDING 1 AREA: 16,929 SF
FIRST FLOOR AREA: 13,746 SF
SECOND FLOOR AREA: 3,083 SF
BUILDING 2 AREA: 44,464 SF
FIRST FLOOR AREA: 36,403 SF
SECOND FLOOR AREA: 6,061 SF
BLDG 1 + 2 TOTAL AREA: 61,293 SF
BUILDING COVERAGE: 62,393 SF / 160,757 SF = 38.1%
LANDSCAPE AREA: 28,119 SF
LANDSCAPE COVERAGE: 27,873 SF / 160,757 SF = 17.5%
OFFICE PARKING REQD: (1:300) 17,036 SF / 300 = 57 STALLS
PARKING PROVIDED: 47 STALLS (41 STANDARD + 6 ADA)
BIKE RACKS REQUIRED: 1 PER 10 PARKING SPACES (1/10 = 4.7) = 5 SPACES
BIKE RACKS PROVIDED: 6



This conceptual design is based upon a preliminary review of entitlement requirements and on unverified and possibly incomplete site and/or building information, and is intended merely to assist in exploring how the project might be developed.

Stormwater Management Design: AVERAGE REGIONAL REQUIRED PROVIDED

Boundary Source: GIS MAP & AERIAL IMAGE



SITE PLAN
SCALE: 1" = 30'-0"

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