PROJECT TEAM

OWNER: WAH, LLC 440 CARDINAL LN. HARTLAND, WI 53029 PHONE: (262) 367-6210 CONTACT: MIKE WHITE

CIVIL ENGINEER
PARISH SURVEY AND ENGINEERING

122 WISCONSIN ST. WEST BEND, WI 53095 PHONE: (262) 346-7800 CONTACT: KEVIN PARISH

ARCHITECT:
OLIVER CONSTRUCTION CO. 1770 EXECUTIVE DRIVE OCONOMOWOC, WI 53066 PHONE: (262) 567-6677 CONTACT: DANIEL AYALA

DANIEL C. AYALA 12263-5 OCONOMOWOC,

ELECTRICAL ENGINEER: DESIGN BUILD - TBD

STRUCTURAL ENGINEER:
OLIVER CONSTRUCTION CO. 1770 EXECUTIVE DRIVE OCONOMOWOC, WI 53066 PHONE: (262) 567-6677 CONTACT: TODD WEBER, PE

MECHANICAL ENGINEER: DESIGN BUILD - TBD

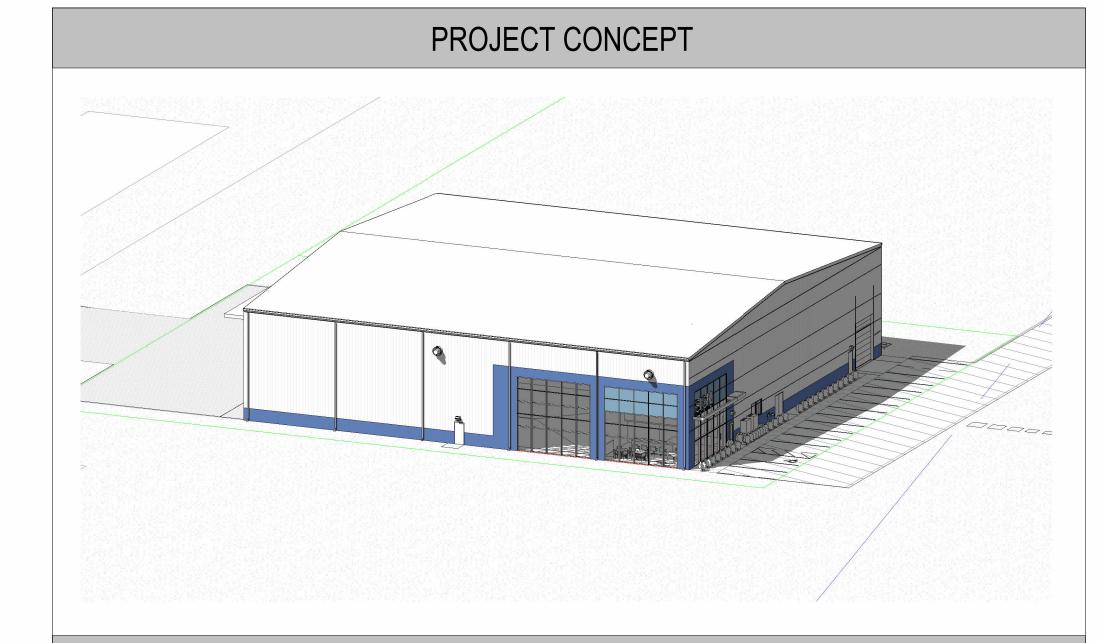
GENERAL CONTRACTOR:
OLIVER CONSTRUCTION CO. 1770 EXECUTIVE DRIVE OCONOMOWOC, WI 53066

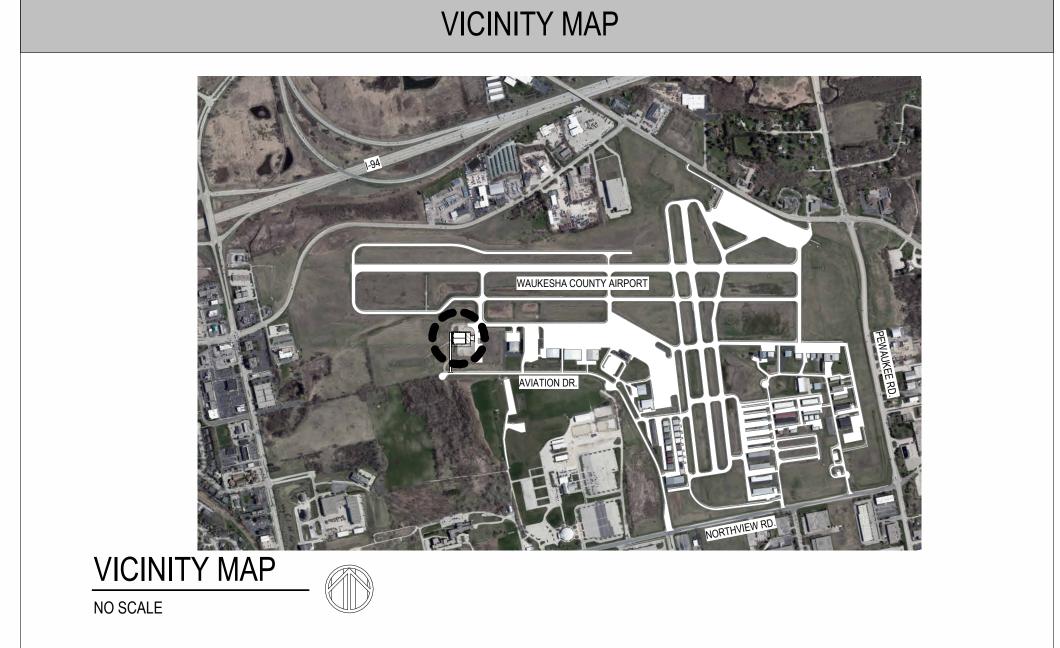
PHONE: (262) 567-6677 **CONTACT: KEITH FARLEY** <u>PLUMBING ENGINEER:</u> DESIGN BUILD - TBD

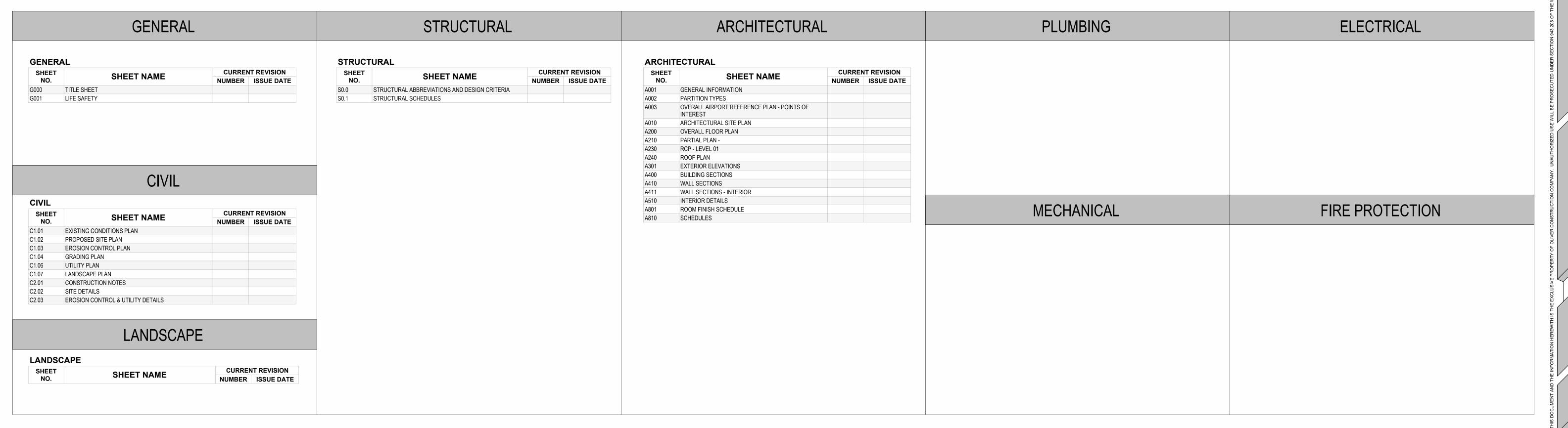
WAH, LLC

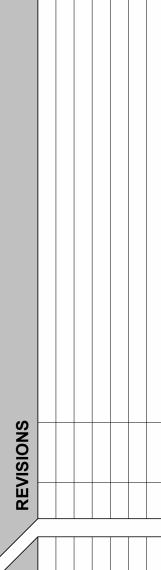
PRIVATE AIRCRAFT HANGAR

2781 Aviation Dr, Waukesha, WI 53188

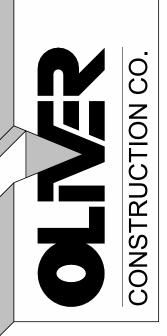




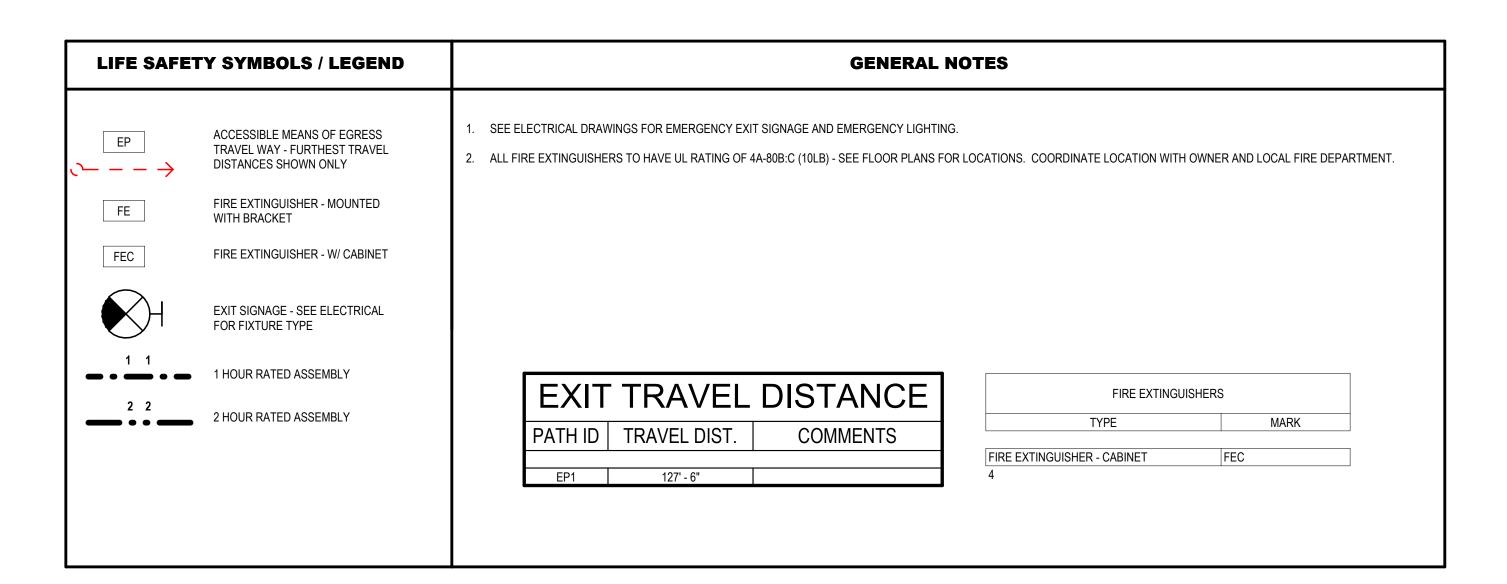


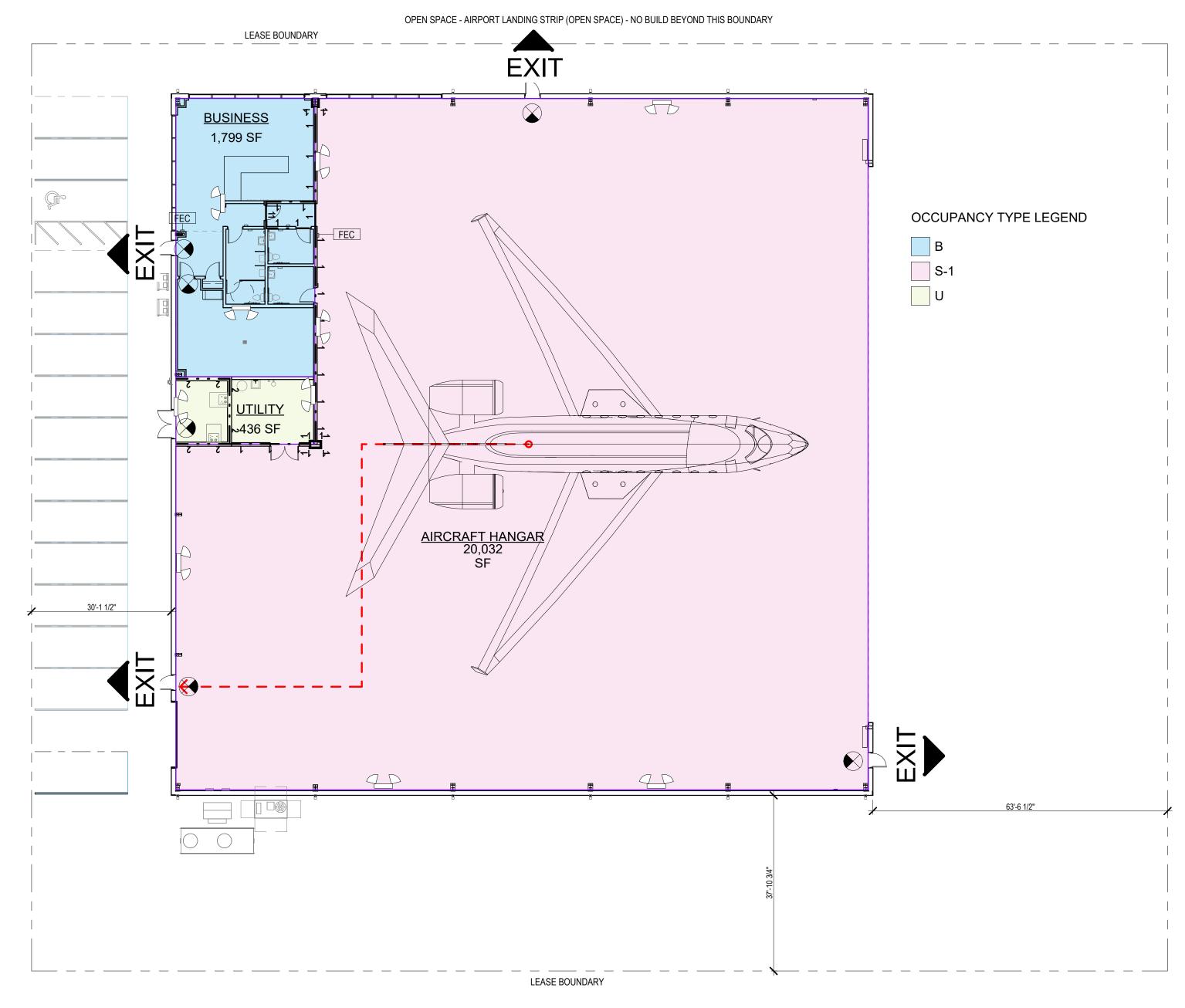


WAH, LLC PRIVATE AIRCRAFT F



G000





SECTION 1 - GOVERNING CODES

BUILDING PROJECTS IN THE CITY MUST MEET STATE BUILDING CODE AND LOCAL ADOPTED AMENDMENTS INCLUDED IN THE LOCAL MUNICIPAL CODE.

2015 INTERNATIONAL BUILDING CODE W/ LOCAL AMENDMENTS BUILDING: 2015 INTERNATIONAL FUEL GAS CODE W/ LOCAL AMENDMENTS MECHANICAL: 2015 INTERNATIONAL MECHANICAL CODE W/ LOCAL AMENDMENTS 2015 INTERNATIONAL PLUMBING CODE W/ LOCAL AMENDMENTS PLUMBING:

2017 NATIONAL ELECTRICAL CODE ANSI/ASHRAE/IESNA STANDARD 90.1-2013 SPS 314 AND NFPA 409

SECTION 2 - DEFERRED SUBMITTALS

ACCESSIBILITY: ANSI ICC A117.1-2009

1. PRE-ENGINEERED METAL BUILDING - COMPONENT SUBMITTAL

SECTION 3 - BUILDING OCCUPANCY DATA

- 1. **BUILDING OCCUPANCY CLASSIFICATIONS:** S-1, HANGAR GROUP II
- 2. OCCUPANCY BY AREA:
- 3. OCCUPANCY LOAD BY GROUP:

AREA NAME	OCC. GROUP	AREA S.F.	LOAD FACTOR	OCC. LOAD	EXITS REQ.	EXITS PRVD.	Comments
BUSINESS	В	1,799 SF	100 SF	18	1	2	ACCESSORY
		1,799 SF		18	1		
AIRCRAFT HANGAR	S-1	20,032 SF	500 SF	40	1	3	
	•	20,032 SF		40	1		
UTILITY	U	436 SF	500 SF	1	1	1	ACCESSORY
	•	436 SF	•	1	1		•
		22,267 SF		59	3		

SECTION 4 - SPECIAL USE & OCCUPANCY REQUIREMENTS

- 1. GROUP II HANGAR (TABLE 412.4.6)
- MAXIMUM SINGLE FIRE AREA OF 40,000 SQFT
- HEATING EQUIPMENT SHALL BE PLACED IN ANOTHER ROOM SEPARATED BY 2HR FIRE BARRIERS

SECTION 5 - SPECIAL USE & OCCUPANCY REQUIREMENTS

- 1. MAXIMUM BUILDING HEIGHT: 75'-0"
- 2. PROPOSED NUMBER OF STORIES: 1 STORY
- 3. PROPOSED BUILDING AREA: 22,373 SF
- 4. PROPOSED YARD DIMENSIONS: FRONT (SOUTH): ~ +30'-0" REAR (NORTH): ~ +30'-0" SIDE (EAST): ~ +30'-0"

SIDE (WEST): ~ +30'-0"

- ACCESSORY OCCUPANCIES: PER IBC 508.2 ACCESSORY OCCUPANCIES WILL NOT BE SEPARATED FROM THE MAIN OCCUPANCY NO SEPARATION WILL BE PROVIDED AT <u>B AND S-1</u> OCCUPANCIES
- 6. SEPARATION OF OCCUPANCIES: NON-SEPARATED USES PER IBC 508.3 NO SEPARATION IS REQUIRED BETWEEN OCCUPANCIES PER IBC 508.3.3
- 7. HANGER GROUP II - HANGAR DOOR 28'-0"

SECTION 6 - BUILDING CONSTRUCTION DATA

- 1 TYPE OF CONSTRUCTION: II-B, SPRINKLED (IBC TABLE 601)
- 2. FIRE RESISTANCE RATING REQUIREMENTS: (PER IBC TABLES 601 AND 602) REQUIRED RATING PROPOSED RATING **BUILDING ELEMENT**

PRIMARY STRUCTURAL FRAME BEARING WALLS - EXTERIOR 0-HR 0-HR BEARING WALLS - INTERIOR NON-BEARING WALLS - EXTERIOR 0-HR

0-HR NON-BEARING WALLS - INTERIOR 0-HR 0-HR ROOF CONSTRUCTION 0-HR

0-HR

0-HR

SECTION 7 - FIRE WALL/BARRIER ELEMENTS

- FIRE RESISTANCE RATING REQUIREMENTS FOR FIRE WALLS (IBC 705): 1.1 FIRE RESISTANCE RATING OF FIRE WALLS: NOT APPLICABLE 1.2 AREA OF OPENINGS IN FIRE WALLS: NOT APPLICABLE
- 1.3 ALLOWABLE AREA OF OPENINGS: NOT APPLICABLE 1.4 FIRE RESISTIVE RATING OF OPENING PROTECTION: NOT APPLICABLE
- 2. FIRE RESISTANCE RATING REQUIREMENTS FOR FIRE BARRIERS (IBC 706): 2.1 FIRE RESISTANCE RATINGS OF FIRE BARRIERS: NOT APPLICABLE
- 2.2 AREA OF OPENINGS IN FIRE BARRIERS: NOT APPLICABLE 2.3 ALLOWABLE AREA OF OPENINGS: NOT APPLICABLE 2.4 FIRE RESISTIVE RATING OF OPENING PROTECTION: NOT APPLICABLE

SECTION 8 - INTERIOR FINISHES

1 INTERIOR WALL AND CEILING REQUIREMENTS: (PER IBC TABLE 803.11)

GROUP	EXIT PASSAGEWAY	CORRIDOR	ROOMS AND ENCLOSED SPACES
A-3 B	B B	ВС	C
F S	C	C	C C

SECTION 9 - BUILDING FIRE DETECTION & SUPPRESSION

- 1. THE ENTIRE FACILITY WILL BE PROTECTED BY A FULLY AUTOMATIC SPRINKLER SYSTEM (STANDARD WET SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 AND NFPA 13. DEFER TO FIRE PROTECTION DRAWING SUBMISSION.
- 2. (IBC 907.2) FIRE ALARM IS NOT REQUIRED WHERE 'B' OCCUPANT LOAD IS LESS THAN 500, 'A' OCCUPANT LOAD IS LESS THAN 300 AND 'F' IS LESS THAN TWO STORIES AND DOES NOT HAVE ANY OCCUPANT LOAD ABOVE OR BELOW LEVEL OF EXIT DISCHARGE.

SECTION 10 - BUILDING EXITING DATA

- EXIT ACCESS TRAVEL DISTANCE (IBC TABLE 1017.2)
- 2.1 A OCCUPANCY: 250' W/ SPRINKLER SYSTEM 2.2 B OCCUPANCY: 300' W/ SPRINKLER SYSTEM
- 2.3 S-1 OCCUPANCY: 250' W/ SPRINKLER SYSTEM
- COMMON PATH OF EGRESS TRAVEL (IBC 1014.3)
- 3.1 A OCCUPANCY: 75' W/ SPRINKLER SYSTEM 3.2 B OCCUPANCY: 100' W/ SPRINKLER SYSTEM
- 3.3 S OCCUPANCY: 100' W/ SPRINKLER SYSTEM
- EMERGENCY EXIT ILLUMINATION PLAN (DEFER TO ELECTRICAL DRAWING SUBMISSION)
- EXIT SIGN LAYOUT PLAN (DEFER TO ELECTRICAL DRAWING SUBMISSION)
- 1005.3.1, MINIMUM REQUIRED EGRESS:
- OTHER EGRESS COMPONENTS = 0.15 INCHES PER OCCUPANT WHEN EQUIPPED WITH AUTOMATIC SPRINKLER (1018.2 MINIMUM 44 INCHES)

OTHER EGRESS COMPONENTS LEVEL 01 59 X .15 = 8.85" (44" MIN.)

ACTUAL PROVIDED 72" TOTAL EXIT WIDTH ACROSS 2 EXIT DOORS

SECTION 11 - ACCESSIBILITY

SEE PLANS

OCCUPANCY (B)

SECTION 12 - PLUMBING FIXTURE COUNT REQUIREMENTS

(IBC 2015) TABLE 2902.1, MINIMUM SANITARY FIXTURES: INTERNATIONAL PLUMBING CODE 410.1 DRINKING FOUNTAIN APPROVAL - WHERE DRINKING FOUNTAINS ARE REQUIRED, WATER COOLERS OR BOTTLED WATER

COUNTS PER CODE DEFINED OCC. LOAD 1 W.C./URINAL PER 25 FOR THE FIRST 50 & 1 ADDITIONAL PER 50 FOR REMAINDER

FIXTURES REQUIRED - (B) 18 OCCUPANTS (9 MALE / 9 FEMALE) W.C. - 1 MALE AND 1 FEMALE REQUIRED

W.C. - 2 MALE AND 1 FEMALE 1 LAVATORY PER 40 FOR FIRST 80 LAVATORIES - 1 MALE AND 1 FEMALE REQUIRED LAVATORIES - 1 MALE AND 1 FEMALE & 1 ADDTIONAL PER 80 FOR REMAINDER 1 DRINKING FOUNTAIN PER 100 OCC.

OCCUPANCY (S1) 1 W.C./URINAL PER 100 MALE OCC. 1 W.C. PER 100 FEMALE OCC. 1 LAVATORY PER 100 OCC. 1 DRINKING FOUNTAIN PER 400 OCC.

DISPENSER SHALL BE PERMITTED BY SUBSTITUTION.

FIXTURES REQUIRED - (S1) 40 OCCUPANTS (20 MALE / 20 FEMALE) W.C. - 1 REQUIRED LAVATORIES - 1 REQUIRED

SANITARY FIXTURES - (S1) LAVATORIES - 1

COUNTS PROVIDED

SANITARY FIXTURES REQUIRED - (B)

SERVICE SINKS PROVIDED = 1 DRINKING FOUNTAINS* = * 1 ALTERNATE TO DRINKING FOUNTAIN

ABBREVIATIONS: OCC. - OCCUPANT(S) W.C. - WATER CLOSET(S)

SECTION 13 - BUILDING VENTILATION REQUIREMENTS

1. DEFER TO MECHANICAL SUBMISSION

SECTION 14 - ENERGY CODE REQUIREMENTS

- . 2015 INTERNATIONAL ENERGY CONSERVATION CODE w/ CITY AMENDMENTS
- ANSI/ASHRAE/IESNA STANDARD 90.1-2013
 - 1.1 BUILDING ENVELOPE REQUIREMENTS (FORMS TO BE SUBMITTED SEPARATELY) 1.2 MECHANICAL SYSTEMS REQUIREMENTS (DEFER TO MECHANICAL DRAWING SUBMISSION)
- 1.3 ELECTRICAL POWER AND LIGHTING SYSTEMS REQUIREMENTS (DEFER TO ELECTRICAL DRAWING SUBMISSION)



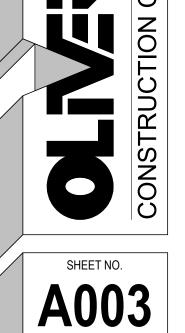
CODE SUMMARY / SCALE: 1/4" = 1'-0"

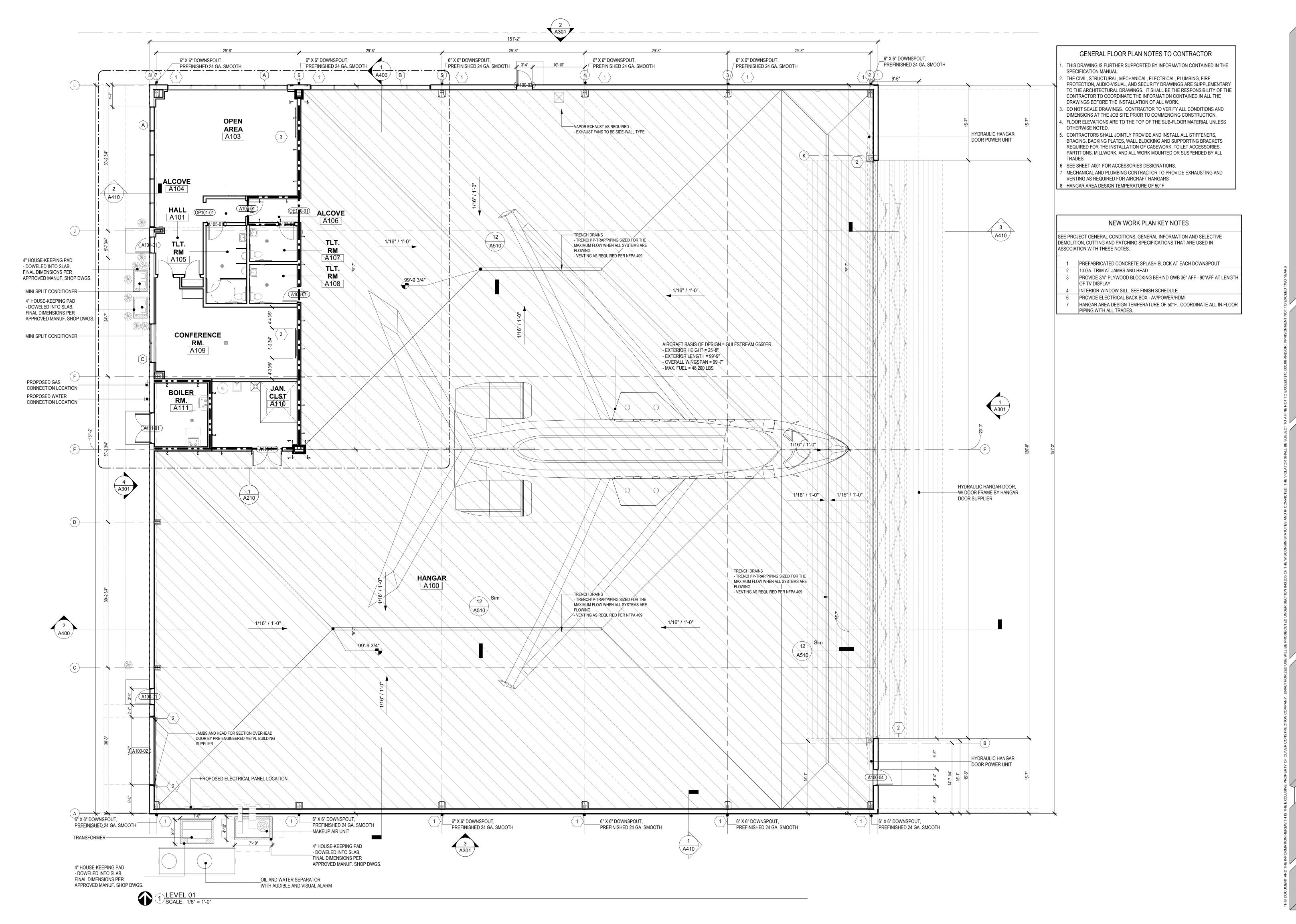


ANGAR

WAH, LLC PRIVATE AIRCRAFT H

1770 EXECUTIVE DRIVE OCONOMOWOC, WI 53066 PHONE: (262) 567-6677 FAX: (262) 567-4676





ROJECT NO. : D895.24

ATE : 04.30.2025

RAWN BY : Author

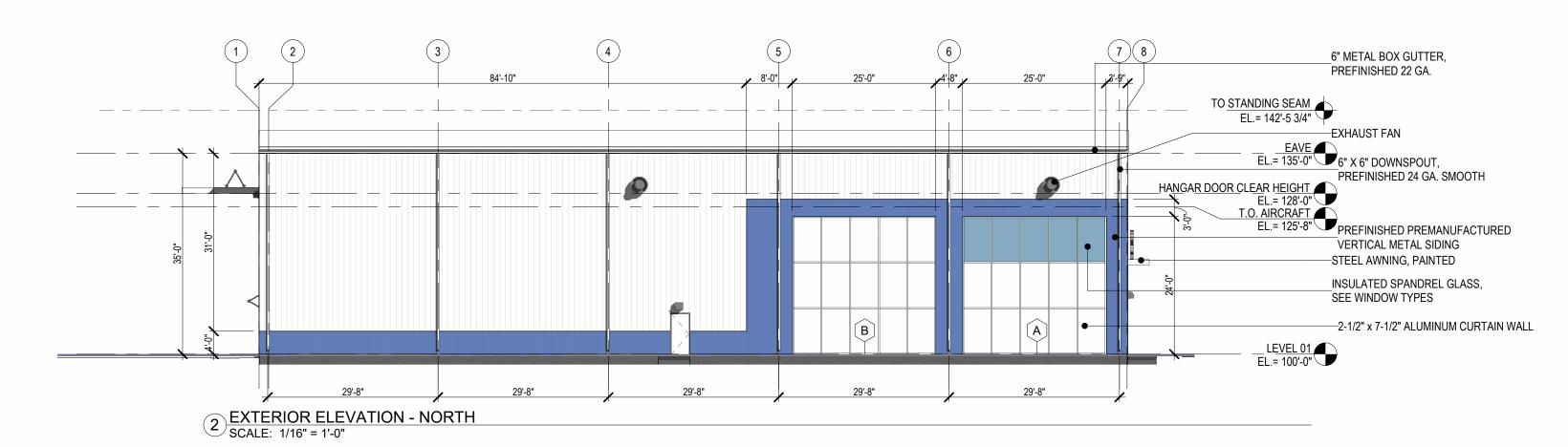
HEET TITLE : OVERALL FLOOR PLAN

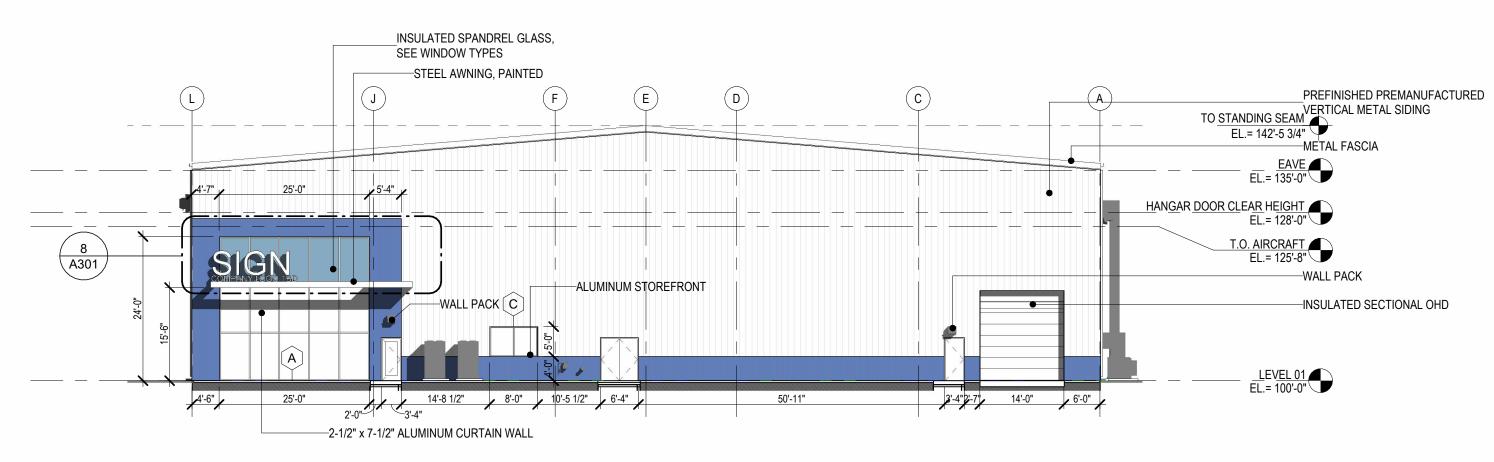
AH, LLC RIVATE AIRCRAFT HANGAR

1770 EXECUTIVE DRIVE
OCONOMOWOC, WI 53066
PHONE: (262) 567-6677
FAX: (262) 567-4676

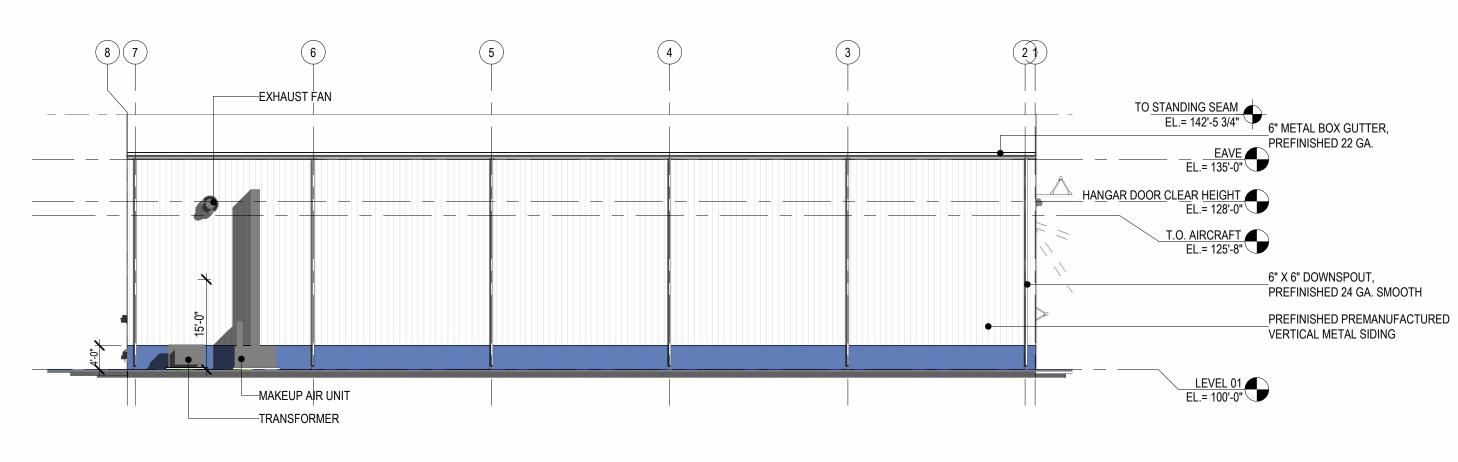


A200

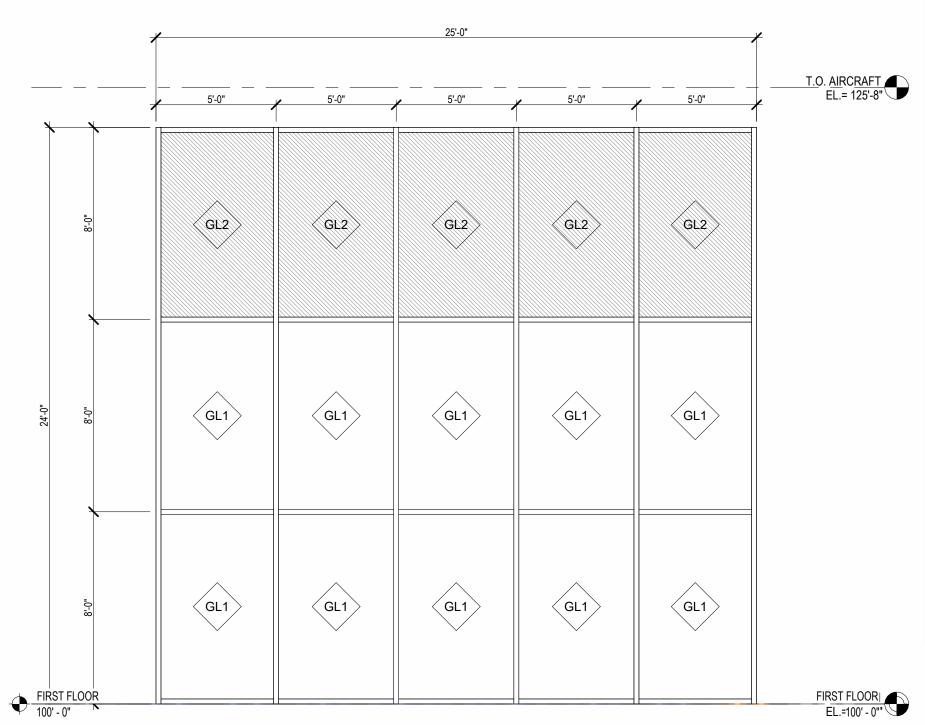




4 EXTERIOR ELEVATION - WEST SCALE: 1/16" = 1'-0"

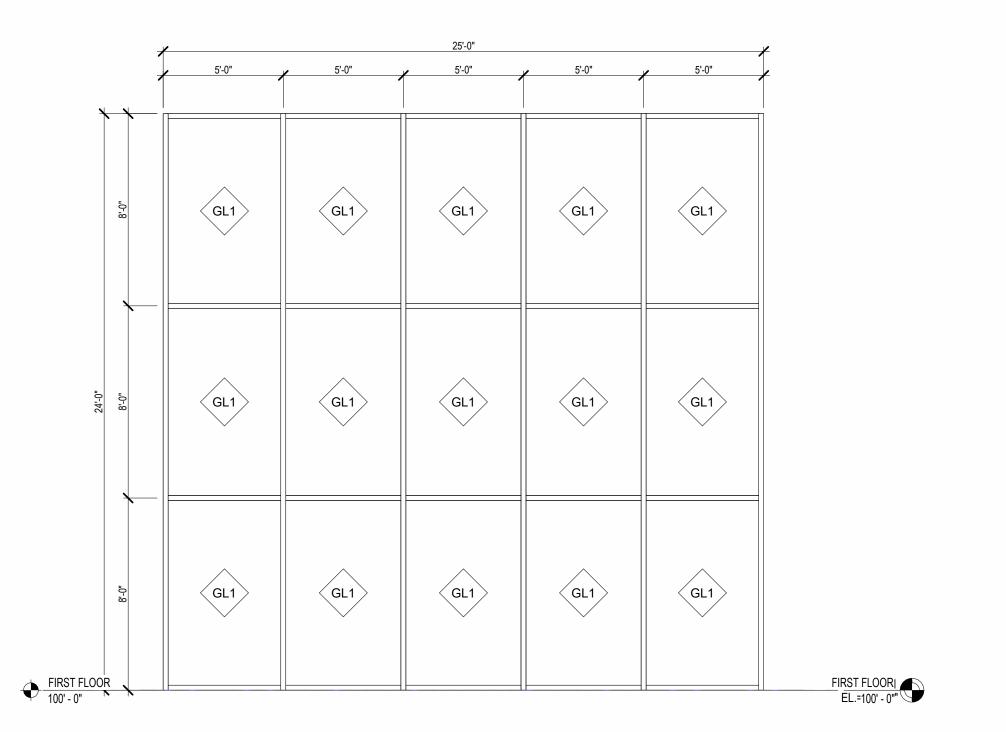


3 EXTERIOR ELEVATION - SOUTH SCALE: 1/16" = 1'-0"



GL2 1" INSULATED SPANDREL GLAZING, TINTED. MATCH GL1 GL3 1" INSULATED TEMPERED CLEAR SAFETY GLASS FRG IFRG FIRE RESISTANT GLASS INSULATED FIRE RESISTANT GLASS **GENERAL NOTES** 1) EXTERIOR STOREFRONT BASIS OF DESIGN: KAWNEER VG451T, 2" X 4-1/2" FRONT GLAZED - ANODIZED ALUMINUM FINISH - SILL RECEPTOR AT ALL SILLS 2) EXTERIOR CURTAIN WALL BASIS OF DESIGN: KAWNEER 1600, 2-1/2" X 10-1/2" FRONT GLAZED - ANODIZED ALUMINUM FINISH 3) PERIMETER OF ALL WINDOWS TO RECEIVE BACKER ROD AND SEALANT

5 WINDOW TYPE A (CURTAIN WALL)
SCALE: 1/4" = 1'-0"



 $\langle GL1 \rangle$ (GL1) PROVIDE SILL RECEPTOR AND METAL FLASHING

WINDOW AND GLAZING KEY

1" INSULATED TEMPÈRED GLAZÍNG WITH LOW E COATING AND TINTED

PERFORMANCE CRITERIA: VLT=57, SGHC=.30, U=.29, EXT REF.=20%

ALUMINUM CURTAIN WALL (THERMALLY BROKEN)

ALUMINUM STOREFRONT (THERMALLY BROKEN)

ALUMINUM

HOLLOW METAL

SOLID CORE WOOD

GALVAIZED STEEL

STAINLESS STEEL

BASIS OF DESIGN:

HOLLOW METAL INSULATED

STRUCTURAL SILICONE GLAZING

1/4" SAFETY GLASS (TEMPERED)

ALCW

ALS

HMI SCW

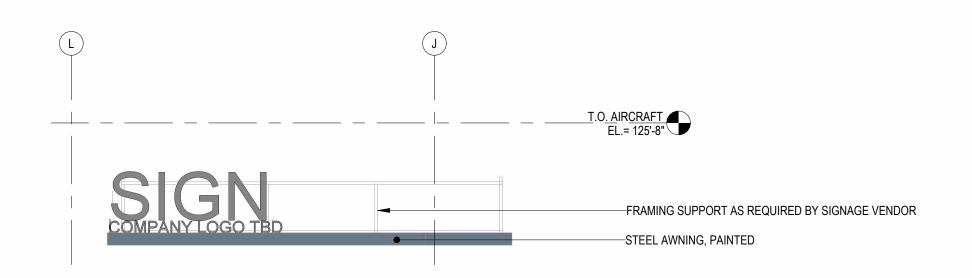
SSG

SG

GL1

6 WINDOW TYPE B (CURTAIN WALL)
SCALE: 1/4" = 1'-0"

7 WINDOW TYPE C (STOREFRONT)
SCALE: 1/4" = 1'-0"



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



ANGAR

I

WAH, LLC
PRIVATE AIRCRAFT H

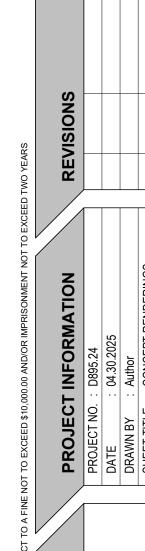
SHEET NO. A301





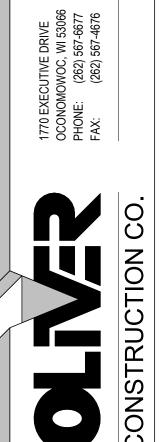






OWNER: WAH, LLC

TITLE: PRIVATE AIRCRAFT



\$HEET NO. **A900**