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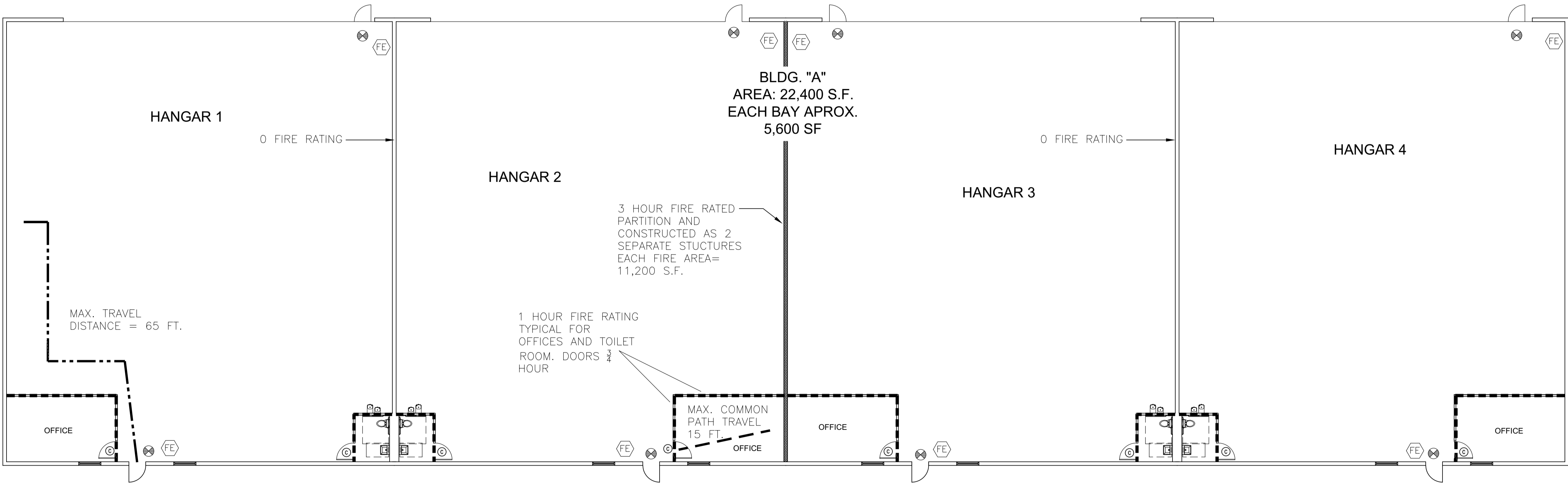
| NFPA LIFE SAFETY DATA | FLORIDA BUILDING CODE DATA |
|--|---|
| FLORIDA FIRE PREVENTION CODE, SEVENTH EDITION INCLUDING NFPA, 1 FIRE CODE AND NFPA 101, LIFE SAFETY CODE, 2018 EDITION | FLORIDA BUILDING CODE 2020- SEVENTH EDITION |
| NEW AIRCRAFT HANGAR STORAGE OCCUPANCY CHAPTER 42 ORDINARY HAZARD BUILDING IS NOT FULLY SPRINKLERED | USE AND OCCUPANCY S-1 AIRCRAFT STORAGE HANGAR CHAPTER 3 |
| NFPA 42.6 SPECIAL PROVISIONS FOR AIRCRAFT HANGARS | SPECIAL DETAILED REQUIREMENTS BASED ON USE & OCCUPANCY CHAPTER 4- 412- AIRCRAFT RELATED SPECIAL REQUIREMENTS |
| 2 MEANS OF EGRESS REQUIRED FROM ALL AIRCRAFT HANGAR AREAS. | [F] 412.4.6.1 HAZARDOUS OPERATIONS GROUP III AIRCRAFT HANGAR ACCORDING TO TABLE 412.4.6 THAT CONTAINS HAZARDOUS OPERATIONS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING SHALL BE PROVIDED WITH A GROUP I OR II FIRE SUPPRESSION SYSTEM IN ACCORDANCE WITH NFPA 409 AS APPLICABLE. |
| EXITS FROM AIRCRAFT STORAGE AREAS SHALL BE AT INTERVALS NOT EXCEEDING 150 FT. | 1. DOPING. |
| HORIZONTAL EXITS AT FIRE BARRIERS SHALL NOT EXCEED 100 FT. SPACING. | 2. HOT WORK INCLUDING, BUT NOT LIMITED TO, WELDING, TORCH CUTTING AND TORCH SOLDERING |
| "SMASH DOORS" NOT APPLICABLE | 3. FUEL TRANSFER. |
| MEZZANINES NOT APPLICABLE. | 4. FUEL TANK REPAIR OR MAINTENANCE NOT INCLUDING DEFUELED TANKS IN ACCORDANCE WITH NFPA 409, INERTED TANKS OR TANKS THAT HAVE NEVER BEEN FUELED. |
| DEAD ENDS SHALL NOT EXCEED 50 FT. FOR NON HIGH HAZARD AREAS. | 5. SPRAY FINISHING OPERATIONS. |
| MAXIMUM COMMON PATH OF TRAVEL- ORDINARY HAZARD, UN-SPRINKLERED = 50 FT | 6. TOTAL FUEL CAPACITY OF ALL AIRCRAFT WITHIN THE UNSPRINKLERED SINGLE AREA IN EXCESS OF 1,600 GALLONS (6057 L). |
| DEAD END 50 FT. MAX. | 7. TOTAL FUEL CAPACITY OF ALL AIRCRAFT WITHIN THE MAXIMUM SINGLE FIRE AREA IN EXCESS OF 7,500 GALLONS (28 390 L) FOR A HANGAR WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1. |
| MAXIMUM TRAVEL DISTANCE TO EXITS ORDINARY HAZARD, UNSPRINKLERED=200 FT MAX | GENERAL BUILDING HEIGHTS AND AREAS CHAPTER 5- ALLOWABLE HEIGHT TYPE IIIB N.S. 55 FT. |
| UNPROTECTED VERTICAL OPENINGS NOT APPLICABLE | STORIES ABOVE GRADE PLANE S-1, N.S. = 3 MAX |
| INTERIOR WALL AND CEILING FINISHES-PER REQUIREMENTS | BUILDING AREA, S-1, N.S. = 17,500 |
| DETECTION ALARM & COMMUNICATION NOT REQUIRED | AREA MOD. FOR BUILDING A FRONTAGE ALLOWED $L_{front} = f/p - 0.25 \times W/30 = .75$ THEREFORE $17,500 \times 1.75 = 30,625$ S.F. |
| NFPA 409 STANDARD ON AIRCRAFT HANGERS | TYPE CONSTRUCTION: IIIB |
| GROUP III HANGAR TYPE III(200) CONSTRUCTION TYPE PER NFPA 220 | CH 6 FIRE RATED EXTERIOR WALLS S-1 OCC, X IS GREATER THAN |
| HANGAR DOORS LESS THAN 28 FT. HIGH | OR EQUAL TO 30 FT ALLOW ZERO HOUR RATED EXT WALLS. |
| MAXIMUM FIRE AREA LESS THAN 12,000 S.F. | |
| BUILDING UNSPRINKLERED AS ALLOWED AS ORDINARY HAZARD PER FBC 412.4.6.1 | |

EMERGENCY RADIO SIGNAL / BI-DIRECTIONAL AMPLIFICATION

ALL BUILDINGS SHALL BE TESTED FOR EMERGENCY RADIO SIGNAL STRENGTH AFTER THE SHELL IS CONSTRUCTED. VERIFY WITH MUNICIPALITY FIRE DEPARTMENT FOR TESTING REQUIREMENTS PRIOR TO TESTING. IF THE BUILDING IS FOUND TO REQUIRE A B.D.A. (BI-DIRECTIONAL AMPLIFICATION SYSTEM) OWNER WILL ENGAGE A SPECIALTY ENGINEER TO DESIGN A BOOSTER SYSTEM IN FULL ACCORDANCE WITH NFPA 72 AND LOCAL AUTHORITIES HAVING JURISDICTION.

DETAILS OF CONSTRUCTION SUCH AS LOCATION OF HEAD END EQUIPMENT AND CABLE PATHWAYS VERTICALLY AND HORIZONTALLY SHALL BE SPECIFIED.

THE CONSTRUCTION DRAWINGS WILL INCLUDE PLANNING FOR POSSIBLE BDA EQUIPMENT LOCATION AND CONDUITS. BDA WILL BE IN A TWO HOUR FIRE RATED ROOM NOT LESS THAN 3' WIDE BY 5' LONG. VERTICAL CABLE CHASES IF NECESSARY WILL NEED TO PROVIDE 2 HOUR FIRE RATING. HORIZONTAL CABLE NEED NOT BE FIRE RATED. CABLE AND EQUIPMENT SHALL NOT BE LOCATED IN STAIRS



A4

BUILDING A LIFE SAFETY PLAN

3/32" = 1'-0"

0

5'

10'

24'

| GENERAL NOTES: | LEGEND | EGRESS DATA FBC S-1 OCC | OCCUPANCY LOAD SUMMARY FBC CH 10 |
|----------------|--|--|---|
| UN-SPRINKLERED | --- TRAVEL DISTANCE PATH --- COMMON PATH --- DEAD-END CORRIDOR CLG. MTD. DIRECTIONAL EXIT SIGN FIRE EXTINGUISHER - SEMI-RECESSED CABINET W/ 3A 4BC RATING FIRE EXTINGUISHER - WALL MOUNTED W/BACKET W/ 3A 4BC RATING F.D. KEY F.D. KEY BOX LOCATION (VERIFY W/ F.D. MANUF. TYPE KNOX OR SUPRA) EMERGENCY LIGHT | OCCUPANCY LOAD S-1 MAX. TRAVEL DISTANCE TO EXIT (FT) 200' MAX. DEAD END CORRIDOR 20' MIN. CORRIDOR WIDTH 44" MIN. CLEAR OPENING 32" MAX. COMMON PATH (FT) 50' | OCCUPANCY CLASSIFICATION: GROUP S-1 CAPACITY PER F.B.C 1004.5 AIRCRAFT HANGARS 1 PER 500 GROSS EACH HANGAR IS 5600 SF THEREFORE OCCUPANT LOAD IS 5600 / 500= 11.2 THEREFORE 13 PEOPLE EACH BAY. |

| INTERIOR FINISH CLASSIFICATION LIMITATIONS | | | |
|--|-------|-----------|--------------|
| OCCUPANCY S-1 UN-SPRINKLERED | | | |
| WALL AND CEILING | EXITS | CORRIDORS | OTHER SPACES |
| CLASS A- FLAME SPREAD 0-25 | B | B | C |
| CLASS B- FLAME SPREAD 26-75 | | | |
| CLASS C- FLAME SPREAD 76-200 | | | |
| FLOORS CLASS I OR II ARE PERMITTED | | | |
| CLASS I- CRITICAL RADIANT FLUX, NOT LESS THAN 0.45 W/cm2 | | | |
| CLASS II- CRITICAL RADIANT FLUX, NOT LESS THAN 0.22 W/cm2 BUT NOT LESS THAN 0.45 | | | |

LIFE SAFETY SYMBOLS

- COMMON PATH OF TRAVEL
- DEAD END
- MAXIMUM TRAVEL DISTANCE
- EXIT SIGNS, WITH OR WITHOUT DIRECTION ARROWS
- EMERGENCY LIGHTS
- FIRE EXTINGUISHERS DISTRIBUTED PER REQUIREMENTS ON ALL LEVELS.
- FIRE EXTINGUISHER 2A-10B:C 5 LB.

BLDG. "A"

LIFE SAFETY PLAN

A-A102

GHAA

GALLO HERBERT ARCHITECTS

1311 W NEWPORT CENTER DRIVE DEERFIELD BEACH, FLORIDA 33442 PH. 954.794.0300 FAX. 954.794.0301

AA22001731

SEAL

WILLIAM J. GALLO FL AR0008440

Brian Herbert

Digitally signed by Brian Herbert

Date: 2022.06.30 14:33:42 -04'00'

BRIAN P. HERBERT FL AR0015474

PROJECT

POMPANO BEACH AIR PARK PARCEL Y

601 NE 10TH ST.
POMPANO BEACH
FL 33060

POMPANO BEACH

| COMPANY NAME (REVISIONS) | | |
|--------------------------|------------------|------------|
| No. | Description | Date |
| B | D.R.C. SUBMITTAL | 2022-06-28 |
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PROJECT STATUS

D.R.C.

DATE

2021-03-24

PROJECT NUMBER

83-2020

SCALE

AS SHOWN

DRAWN BY

JET

CHECKED BY

JET

DRAWING TITLE

DRC

PZ22-12000020

9/21/2022