5.940 sf EAST WING RESTORATION AREA: 6,720 sf WEST WING RESTORATION AREA;

CTURE: ONE STORY TYPE IIB. WATER SPRINKLERED—WET SYSTEM. UNPROTECTED PRE-ENGINEERED STL BLDG WALLS & ROOF.
EAVES AT 34'-0", w/ MONOLITHIC PERIMETER FOOTING, PADS & SLAB ROOF: STEEL BEAM RIGID FRAME w/ PURLINS & ROOF DECK MEAN BUILDING HEIGHT: 54'-4"; HT ADJUSTMENT FACTOR: 1.0

ROOF PITCH: 1.0/12 WIND STAGNATION PRESSURE: 74 PSF OVERHANG: 1"

WIND SPEED (3 SECOND GUST): 152 MPH;

EXPOSURE: <u>C</u>

OCCUP. CATEGORY: II WIND PRESSURE: SEE ELEVATIONS

SHUTTERS: NO IMPACT RESISTANT ASSEMBLY: YES

OCCUPANCY

OCCUPANCY: GROUP S-1 (STORAGE), 2020 FBC SECTION 311.2 S-1 IS FOR STORAGE & REPAIR OF AIRCRAFT.

OCCUPANCY: GROUP B (OFFICE SUITES), 2020 FBC SECTION 304 OCCUPANCY LOAD: 2020 FBC TABLE 1004.5

GRADE LEVEL: 39,975 sf HANGAR/REPAIR @ 500 sf/PERSON = 80 OCCUP. GRADE LEVEL: 9,720 sf BUSINESS @ 150 SF = 65 OCCUP

GRADE LEVEL.: 12,660 sf (2) WINGS STOCK/RESTOR. @ 300 SF = 42 OCCUP. TOTAL BUILDING LOAD: = 187 OCCUPANTS

1 HOUR F.R.R. WALL BETWEEN HANGAR & SUPPORT SPACES PROVIDED.

MEANS OF EGRESS

MEANS OF EGRESS: 2020 FBC 1005.1 & TABLE 1017.2: MAXIMUM TRAVEL DISTANCE: FOR S-1, SPRINKLERED IS 400 FT MAXIMUM TRAVEL DISTANCE: FOR B, SPRINKLERED IS 300 FT ACTUAL MAXIMUM TRAVEL DISTANCE: B: 150 fT; S-1: 227 FT 0.2" EGRESS WIDTH PER PERSON GROUND LEVEL: MIN. REQUIRED OFFICES, 1ST FLOOR WIDTH: $0.2" \times 65$ OCCUPANTS TOTAL = 13.0'MIN. REQUIRED HANGAR WIDTH: 0.2"x 80 OCCUPANTS TOTAL = MIN. REQUIRED WEST WING STOCK/RESTOR.: $0.2" \times 22$ OCCUPANTS TOTAL = 4.4"MIN. REQUIRED EAST WING STOCK/RESTOR.: 0.2"x20 OCCUPANTS TOTAL = 4.0"

MIMIMUM EXIT WIDTH: 32" FOR EGRESS & 36" FOR ADA; TOTAL EXIT WIDTH AT GRADE OFFICES: (5) 36" WIDE DOOR > 13.0" TOTAL EXIT WIDTH IN HANGAR & (2) WINGS: (7) 36" WIDE DOORS > 24.4"

GENERAL REQUIREMENTS

- ALL WORK TO BE AS PER FLORIDA BUILDING CODE 2020 AND TO MEET OR EXCEED ALL APPLICABLE LOCAL REQUIREMENTS.
- GENERAL CONTRACTOR TO FAMILIARIZE HIMSELF WITH THE SITE PRIOR TO FORMALIZING A BID FOR CONSTRUCTION.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL LABOR, MATERIALS, UTILITIES, TESTING, WASTE REMOVAL, STORAGE, SECURING OF SITE, ACCOMODATION, TRANSPORT/FREIGHT AND ALL OTHER COSTS RELATED TO THE COMPLETION OF THIS PROJECT, UNLESS EXPLICITLY IDENTIFIED HERE.
- OWNER IS RESPONSIBLE FOR ALL MUNICIPAL RELATED CHARGES SUCH AS IMPACT FEES AND WATER CONNECTION, EXCEPT BUILDING PERMIT FEES, WHICH ARE TO BE INCLUDED IN THE CONSTRUCTION BID.
- GENERAL CONTRACTOR TO CHECK ALL DRAWINGS FOR ERRORS AND OMMISIONS AND BRING THEM TO THE ATTENTION OF THE ARCHITECT PRIOR TO STARTING ANY WORK, OR ORDERING MATERIALS OF THE RESPECTIVE DIVISION OF WORK. IF SUCH ERRORS AND OMISSIONS ARE NOT REPORTED IN WRITING TO THE ARCHITECT, ANY RESULTING DAMAGES OR COSTS SHALL BE BORN ENTIRELY BY THE GENERAL CONTRACTOR.
- ARCHITECT IS NOT RESPONSIBLE FOR THE GENERAL CONTRACTORS' METHOD OR MEANS OF CONSTRUCTION.
- GENERAL CONTRACTOR IS TO KEEP SITE IN A CLEAN AND SAFE STATE THROUGHOUT THE COURSE OF CONSTRUCTION. ON BUILDING TURN-OVER, GENERAL CONTRACTOR TO CLEAN ALL SURFACES SO AS TO BE FREE OF DUST, GREASE, STAINS, SCUFFS, ETC.

	ABLE 601/602 SCH	IEI	DULE	REA: 56,860sf FOOTPRINT; NKLERED AREA COMPLIES	
SPRINKLERED	& TABLE 503 & 7	/ U	B SPRIN	KLERED AREA COMPLIES	
STRUCTURAL E	LEMENT:		REQUIRED	ACTUAL	
PARTY WALLS BETWEEN HANGAR	& SUPPORT AREAS:		1 HR	1 HR	
EXTERIOR BEARING WALLS:			0 HR	0 HR	
SUPPORTING COLUMNS, OTHER BEARING	WALLS:		O HR	0 HR	
INTERIOR BEARING WALLS:			N/A	N/A	
SUPPORTING COLUMNS, OTHER BEARING	WALLS OR MORE THAN ONE FLOOR:		O HR	0 HR	
COLUMNS:			O HR	0 HR	
SUPPORTING OTHER COLUMNS OR	MORE THEN ONE FLOOR:		0 HR	0 HR	
SUPPORTING ONE FLOOR ONLY:			0 HR	0 HR	
SUPPORTING ROOFS ONLY:			0 HR	0 HR	
BEAMS, GIRDERS, TRUSSES AND AR	CHES:		0 HR	0 HR	
SUPPORTING OTHER COLUMNS OR	MORE THAN ONE FLOOR:		0 HR	0 HR	
SUPPORTING ONE FLOOR ONLY:			0 HR	0 HR	
SUPPORTING ROOFS ONLY:			0 HR	0 HR	
FLOOR & FLOOR/CEILING ASSEMBLIE	ES:		0 HR	0 HR	
ROOF & ROOF/CEILING ASSEMBLIES	:		0 HR	O HR	
(USE ONE LINE PER WALL IF NEEDED)	DISTANCE FROM COMMON OR ASSUMED PROPERTY LINE:		UIRED FIRE RATING % OF OPENING:	ACTUAL FIRE RATING AND % OF OPENING:	
EXTERIOR BEARING WALLS NORTH	30' PLUS'		O HR, NL	0 HR & 6% UPO	
EXTERIOR BEARING WALLS EAST SIDE	30' PLUS'		O HR, NL	0 HR & 4% UPO	
EXTERIOR BEARING WALLS WEST SIDE	BEING MOVED 30' OR PLUS		O HR, NL	0 HR & 4% UPO	
EXTERIOR BEARING WALLS SOUTH	30' PLUS'		O HR, NL	0 HR & 75% UPO	

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There shall always be a clear access path to these devices. This standard requires that the

emergency fuel shutoff systems be functionally tested every 6 months, and each device

tested annually. These tests and any deficiencies shall be documented, and associated

When passing through pumps, piping, and filters of a fuel system aviation gas and Jet A

operation. When fueling/defueling is complete, the bonding cable shall be removed in the

reverse order from which it was applied (it was placed first, it should be detached last).

Special notice should be given to the position of other equipment around the aircraft prior

Internal combustion engine vehicles should not be permitted within 50 feet of the

The use of electrical equipment on the servicing ramp during fueling shall be

This includes battery chargers, connecting/disconnecting of ground power generators, power

ground power units should be positioned as far as possible from fueling points and tank vents.

It should be obvious but, the lack of stating the obvious is what most often leads to

This should be accomplished by the posting of "No Smoking" signage, and the

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The aircraft to be fueled/Defueled is to be positioned so that it is no closer than 25

The fuel/defuel trailer operator should pay attention to the positioning of his trailer, in

A minimum of two fire extinguishers are required on each fueling vehicle.

They each must be rated at 20-B:C (this rating will be stated on the extinguishers label), and

All fire extinguishers must be visible and readily accessible. Fire extinguishers are required to

looking for a few basic things: is the extinguisher in its proper location, is the pressure gauge in

Furthermore, every extinguisher is required to be inspected and tagged annually by a licensed

fire extinguisher technician. These inspections must be documented and available for the AHJ

upon request. The use of fire extinguishers is a required component of the fuel servicing

For further information refer to NFPA 10, Standard for Portable Fire Extinguishers which

All fuel servicing equipment must be maintained in good working condition.

inspection, testing, and maintenance of the various system components.

The only way to tell that equipment is still in its proper useable condition is to provide regular

details all the requirements for fire extinguishers (type, size, location, maintenance, servicing,

be inspected monthly (this can be done by assigned facility personnel). This inspection is

the green (if not, it needs to be serviced), is the extinguisher in good condition and free of

relation to the location of the aircraft, to ensure that accessibility for emergency crew

access is maintained. Also, the fuel Trailor operator should ensure that he has a clear path

feet to a hangar, service building, termina, or loading area.

of egress for himself if an emergency should occur.

one should be mounted on each side of the Trailor.

personnel training program.

prohibiting of personnel from carrying lighters and matches on their person.

mishaps and fire incidents, no open flame devices are permitted onto the fuel servicing

tools, photographic equipment, and communications devices. Additionally, any connected

aircraft being fueled/defueled. The vehicle performing fueling operations is not to be

fuels create an electrostatic charge. To prevent spark and possible ignition, the fuel

The bonding cable shall be attached prior to, and throughout, the fueling/defueling

equipment shall be bonded to the aircraft.

to beginning the fueling/defueling process.

positioned within 10 feet of the aircraft fuel vent system.

The integrity of the emergency fuel shutoff system shall always be maintained

FIRE PROTECTION NOTES:

PER NFPA 409 Definition: Unfueled Aircraft- An aircraft whose fuel system has had flammable

or combustible liquid removed such that no tank, cell, or piping contains more than one-half

This facility is for the maintenance, repair, and refurbishing of unfueled aircraft.

Aircraft being worked on in this facility will have fuel removed per this definition.

No hazardous operation as defined by NFPA 409 will be performed in this facility.

Construction summary: Primary reference NFPA 409 Chapter 12

4. Sprinkled, wet pipe per NFPA 409, 12.5, 7.1.2, and NFPA 13.

1. Hangar storage and service area....39,975 sq ft

Defueling to be in accordance with AMRI procedures and policies manual and NPFA 407

5. Internal separations not required per NFPA 12.2.1, Provided per NFPA 409, 8.2

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Aircraft Fueling, Defueling Precautions before commencement of

work on the aircraft :

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Aviation Management & Repairs, Inc will use its own Fueling and Defueling Trailor

on the operation of emergency controls and the actions to be taken in the event of an

to ensure that all aircraft fueling/defueling services are carried out in accordance with the

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The National Fire Protection Association is an organization dedicated to reducing the burden of

fire and other hazards to life safety by providing consensus codes and standards, research, and

education. It is this organization that has set the standard for fire protection and life safety for

aircraft fuel servicing operations in their document, NFPA 407, Standard for Aircraft Fuel

Many times, as we go through our workday in our respective careers we wonder why we do

fueling operations are conducted as they are, and serve as a guideline to ensure that your

NFPA 407, Chapter 5 outlines the required safe operational practices during fuel operations.

The foremost requirement is that only properly trained personnel are permitted to

Besides being trained on the proper use of fueling equipment, operators must also be trained on

This standard requires both sides of the fuel vehicle to be marked with the name of the operator

or responsible organization. Other standards also mandate the fuel trucks be properly placarded

emergency fuel shutoff, notify supervisor, initiate clean-up by trained personnel only. If

the spill is greater than 10' or more than 50 feet squared or presents an immediate hazard,

· If a spill should occur the following procedures should be followed: activate the

the operation of emergency controls and the actions to be taken in the event of an emergency.

All training records should be maintained and made available to the local fire official

(commonly referred to as the AHJ, authority having jurisdiction) when requested.

the airport fire rescue crews should be notified to respond.

operation is performing these operations in a safe, and code compliant manner.

things the way we do. And we wonder if we are doing things right, or the "best way". This brief

introduction and overview of the operations section of NFPA 407 will enlighten you as to why

mounted Tank inbuilt booster pump and filter. Besides being trained on the proper use of

fucling /defucling, Aviation Management & Repairs, Inc., mechanics must also be trained

emergency. All training records should be maintained and made available to the local fire

official (commonly referred to as the AHJ, authority having jurisdiction) when requested.

With flash and ignition temperatures being very low, it becomes a matter of utmost importance

of 1 percent of its volumetric capacity.

2. Aircraft Service door 28ft

TOTAL WIDTH: 37.8"

3. Group 2 hangar per NFPA 4.1.2

AMRI Defueling procedures:

highest standard of safety.

conduct fueling operations.

Fuel vehicles shall be marked.

with type of fuel and associated hazard.

BEST WAY

INTERIOR FINISHES:

. FLOORS: TO BE CARPET IN THE OFFICES. TYPE & COLOR BY OWNER;

HANGAR & RESTOR. WINGS TO BE SEALED & COATED CONCRETE. TYPE & COLOR BY OWNER; INTERIOR WALLS & INSIDE OFFICES EXTERIOR WALLS: TO BE COMPLETED w/ PNTD 5/8" GYPSUM BRD, 1 PRIMER, (2) FINISH SATIN LATEX;

3. INTERIOR WALLS ON HANGAR SIDE: 1 PRIMER, (2) FINISH SATIN LATEX. HANGAR WALLS PER STEE **BUILDING MANUFACTURER:**

4. VINYL BASE BOARDS: IN OFFICES & ANYWHERE IN HANGER w/ GYP. BRD WALLS;

5. CEILING: A.C.T. IN OFFICES; EXPOSED ROOF ASSEMBLY IN RESTORATION AREAS; 6. OFFICES: ALL EXTERIOR WINDOW JAMBS & HEADERS TO BE DRYWALL RETURNS & ADD NEW CULTURED MARBLE WINDOW SILLS;

. PROVIDE BINDER BARS AT ALL CHANGES IN FLOOR MATERIAL INSIDE DOORWAYS UNDER DOORS WHEN CLOSED;

8. ON RESTROOM WET WALLS, USE 1/2" CEMENT BRD w/ 4"SQ NON-PERVIOUS CERAMIC TILES ON WALLS MIN. 48" HIGH EACH RESTROOM PRIOR TO INSTALLING GRAB BARS IN EACH RESTROOM: BULL-NOSE TILE ALL EXPOSED EDGES. COLOR BY CLIENT

9. INTERIOR WALL & CEILING FINISHES SHALL HAVE FLAME SPREAD INDEXES AS FOLLOWS

INTERIOR EXIT STAIRS & EXIT PASSAGEWAYS, MINIMUM CLASS 'A': INTERIOR CORRIDORS & ENCLOSURES FOR EXIT ACCESS TO STAIRS & EGRESS, MINIMUM CLASS 'B';

OFFICES, SUPPORT ROOMS & HALLWAYS: INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE MINIMUM CLASS 'C';

> CLASS A: FLAME SPREAD INDEX 25 OR LESS CLASS B: FLAME SPREAD INDEX 26 TO 75 CLASS C: FLAME SPREAD INDEX 76 TO 200

REVIEWED FOR CODE COMPLIANCE ST. LUCIE COUNTY BOCC

Permit: BLDC-2312-001960

Type: Building

By: ipiinc

Date: 08/08/2024



THESE DRAWINGS CONTAIN ARCHITECTURAL SYMBOLS USED FOR GRAPHIC PURPOSES ONLY. SIZE AND LOCATION MAY VARY TO MEET MANUFACTURER'S SPECIFICATIONS.

DO NOT SCALE DRAWINGS ANY QUESTIONS ABOUT DIMENSIONS. CONTACT DESIGNER.

MEN

GEN

Aviation Management & Repairs, Inc., FAA 145 Repair Station Number: 714R571C Treasure Coast International Airport, 2916 Curtis King Blvd. Fort Pierce, FL 34946 Office: +1 772-466-7616 Fax: +1 772-954-333-3575 > Hose inspected monthly - Date last tested

Vehicles free of combustibles (grease, oil, etc. any leaking vehicles removed from service vehicles parked 10 feet apart

PLUMBING FIXTURE CALC'S

ADMINISTRATION AREA: 65 OCCUPANTS EQUALS 33 MALES & 33 FEMALES

MAIN HANGAR AREA: **80 OCCUPANTS**; (2) SUPPORT SIDE WINGS: 42 OCCUPANTS;

> TOTAL: 122 FOR HANGAR & SUPPORT EQUALS 61 MALES & 61 FEMALES

Provided 33/25 = 2 Fixtures; 33 / 40 = 1 Fixtures; Lavatories: 33/25 = 2 Fixtures; <u>Females:</u> 33 / 40 = 1 Fixtures; Lavatories:

- Lavatories: HANGAR & SUPPORT AREAS BASED ON TABLE 403.1, FPC 2020:

Males: WC/Urinals: 61 / 100 = 1 Fixtures; 61 / 100 = 1 Fixtures: Lavatories: WC: 61 / 100 = 1 FIXTURES; <u>Females:</u> 61/100 = 1 FIXTURES; Lavatories:

- Showers to Owner's Discretion. Will provide (2) males, (1) female, (1) unisex; - (1) Service Sink Required total;

ADMIN AREA REQUIREMENTS BASED ON TABLE 403.1, FPC 2020:

- WC's: <u>Unisex:</u>

Required:

Office: +1 772-466-7616 Fax: +1 772-954-333-3575 > no vehicles permitted within 50 feet of fueling aircraft > fuel service vehicle at least 10 feet from aircraft fuel vent system

Is use of electrical equipment prohibited on service ramp? (NFPA 407:5.7)

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Have all personnel been properly trained in all areas? (NFPA 407:5.1.1)

> activate shutoff, notify supervisor, initiate clean-up

Are emergency fuel shutoff systems maintained? (NFPA 407:5.3)

> system tested within last 6 months - Date tested ___

documentation is up-to-date and readily accessible

Are all vehicles clear of aircraft being fueled? (NFPA 407:5.6)

> every device tested within last 12 months - Date tested ___

Are all bonding cables in place, functional, and used properly? (NFPA 407:5.4

contact fire department (over 10 feet, or 50 feet square)

Operational Compliance Self-Evaluation Checklist

knowledge of fuel types used

emergency/spill procedures

> fire extinguisher operation/use

Are all fuel vehicle properly marked? (NFPA 407:5.1.3)

Are proper spill procedures in place? (NFPA 407:5.2)

> name of operator/organization

> operation of equipment

emergency controls

> fuel type

device is accessible

> hazards

> battery charger use discontinued no power tools being used ground power units not being connected/disconnected

> communication devices not utilized Is the use of open flame devices clearly prohibited? (NFPA 407:5.8)

No Smoking" signage properly posted > employees do not carry lighters/matches

> use of photographic equipment suspended

Are vehicles properly positioned for fuel operations? (NFPA 407:5.10, 5.12) > aircraft is minimum 25 feet from any hangar, terminal, or service areas

> aircraft positioned for easy access by emergency responders > servicing vehicle maintains clear egress path in case of emergency Are proper fire extinguishers in place? (NFPA 407:5.13)

(2) rated 20-B:C

visible/accessible inspected monthly Last annual service - Date _____ nspections recorded and documentation current and available wheeled 80-B:C extinguisher

available (for fuel system capacity over 200 gpm)

• Is all equipment properly maintained? (NFPA 407:5.16, 5.17, 5.18)

Hose inspected daily

(1) mounted on each side of vehicle

FIRE ALARM SYSTEM TIED IN WITH SPRINKLER SYSTEM BY OTHERS SEE SHOP DRAWINGS. SPRINKLER SYSTEM IS PER NFPA 13, AND ALARM SYSTEM NFPA 72,

PORTABLE FIRE EXTINGUISHERS FOR HANGAR SPACE TO BE PER NFPA 10 & SUPPLIED & INSTALLED BY FIRE PROTECTION

SPRINKLER / ALARM NOTES:

NFPA 101 AND THE FBC 2020.

FOR UN-FUELED AIRCRAFT STORAGE AND RESTORATION.

CONTRACTOR w/ ALARMS & SPRINKLER SYSTEMS

03.19.18 START DATE:

10.REVISION/ISSUE DATE 1 1ST_REVISION | 02.26.24 2ND_REVISION 3 3RD_REVISION

Aviation Management and Repairs 2916 Curtis King Blvd Fort Pierce Fl. 34946

Digitally signed Raymon by Raymond

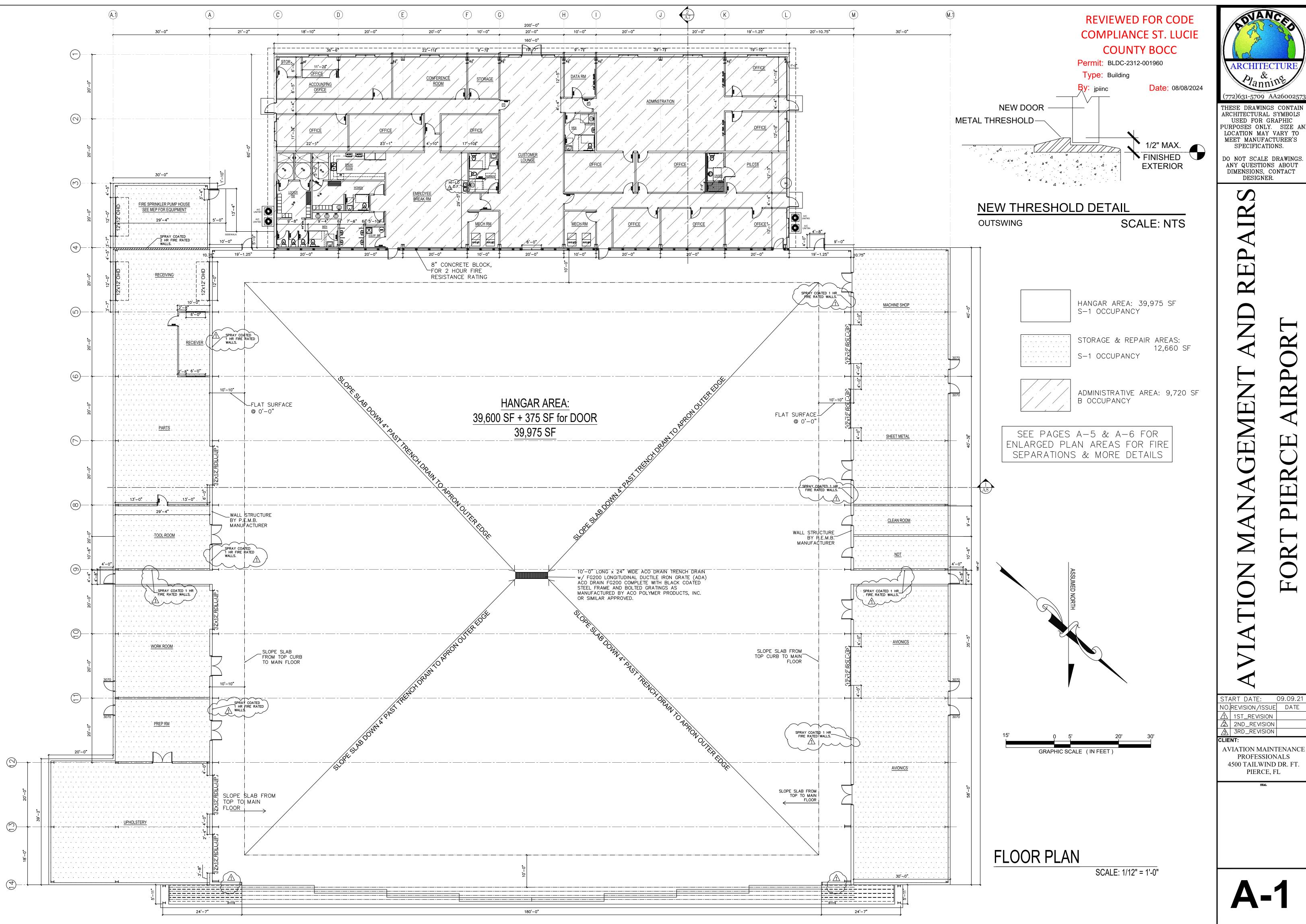
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L.S.

DRAWING INDEX

COV **NOTES & DETAILS** ARCHITECTURAL A1-A9 LIFE SAFETY STRUCTURAL

SEE MEP PLANS BY OTHERS



ARCHITECTURAL SYMBOLS
USED FOR GRAPHIC
PURPOSES ONLY. SIZE AND
LOCATION MAY VARY TO MEET MANUFACTURER'S SPECIFICATIONS. DO NOT SCALE DRAWINGS. ANY QUESTIONS ABOUT DIMENSIONS, CONTACT DESIGNER.

772)631-5709 AA2600257

09.09.21 START DATE: NO.REVISION/ISSUE DATE 2ND_REVISION
3RD_REVISION

AVIATION MAINTENANCE PROFESSIONALS 4500 TAILWIND DR. FT. PIERCE, FL

REVIEWED FOR CODE COMPLIANCE ST. LUCIE **COUNTY BOCC**

Permit: BLDC-2312-001960 Type: Building

By: jpiinc Date: 08/08/2024



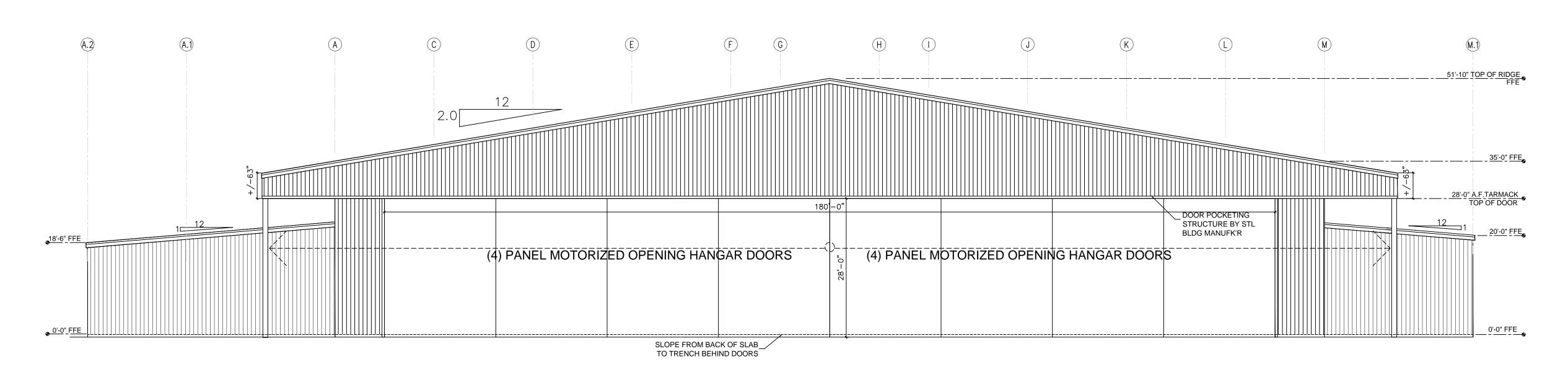
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START DATE: 09.09.21 NO.REVISION/ISSUE DATE 1ST_REVISION
2ND_REVISION
3RD_REVISION

AVIATION MAINTENANCE PROFESSIONALS

4500 TAILWIND DR. FT. PIERCE, FL



SOUTH ELEVATION SCALE: 1/12" = 1'-0"

#43'-5.5" FFE MEAN ROOF HEIGHT 13'-0" FFE

NORTH ELEVATION

SCALE: 1/12" = 1'-0"

REVIEWED FOR CODE COMPLIANCE ST. LUCIE **COUNTY BOCC**

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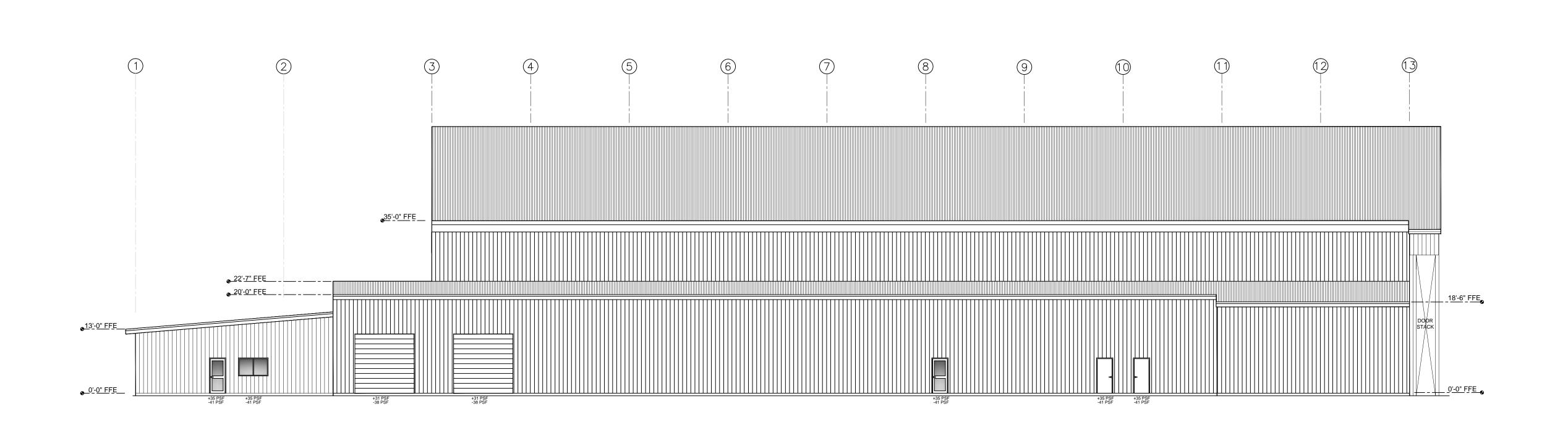


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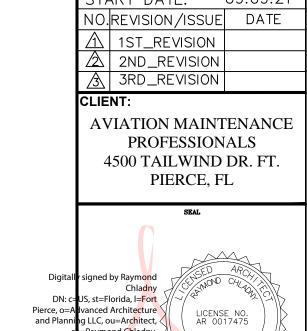
EAST ELEVATION

SCALE: 1/12" = 1'-0"



WEST ELEVATION

SCALE: 1/12" = 1'-0"



START DATE: 09.09.21

SHOP DRAWINGS FOR AIRCRAFT DOORS w/ WIND LOAD INFORMATION TO BE PROVIDED

TRULITE GLASS & TYPE G2

ALUM. SOLUTIONS 9/16" IMPACT

SERIES: 351 OUTSWING

ALUM. STOREFRONT DOOR

-CLEAR FLOOR SPACE

30" X 48" MIN.

METAL ROOF, WALL SIDING & CANOPIES BY STEEL BUILDING MANUFACTURER

I HAVE REVIEWED THE ABOVE COMPONENTS AND CLADDING, AND HAVE APPROVED THEIR USE IN THE STRUCTURE TO PROVIDE ADEQUATE RESISTANCE TO THE WIND LOADS AND FORCES SPECIFIED BY THE CURRENT CODE PROVISIONS IN ACCORDANCE WITH FBC 2020, SECTION 1609

			Bradley WC Seat Covers
APPLY CERAMIC TILE OR OTHER WATER RESISTANT FINISH (NOT EPOXY OR PAINT)	24" X 36" FLAT GLAS MIRROR 36" MIN. GL 12" AND 60" MIN. WATER CLOSET 17"-19"	G 15" MIN.	S.STL. TOWEL HOOK THE CODE COMPLIANT FAUCET AND FIXTURES NON-SLIP CERAMIC TILES ON ALL RESTROOM FLOORS

BOWL AND PIPES MUST BE CONTAINED WITHIN THIS AREA HOT WATER SUPPLY & DRAIN LINE SHALL BE INSULATED IF SKIRT NOT PROVIDED (TYP) LAV. DETAIL BATHROOM FIXTURE MOUNTING ELEVATIONS 1. ALL RESTROOM DOORS TO HAVE PRIVACY SETS, MALE/FEMALE

THESE WALLS, MIN. 48" HIGH,

TYP. ALL RESTROOMS.

GRAPHIC & BRAILLE LABELS. 1. ALL RESTROOM DOORS TO HAVE PRIVACY, 'UNISEX' **GRAPHIC & BRAILLE LABELS.** 2. ENSURE & PROVIDE SOLID BACKING FOR GRAB BAR MOUNTING

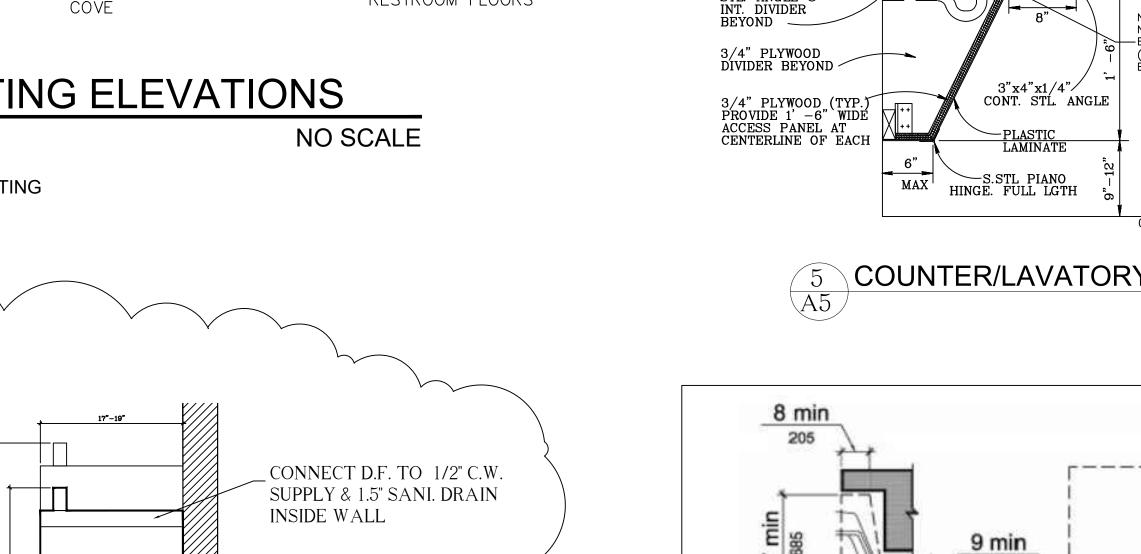
2. ENSURE & PROVIDE SOLID BACKING FOR GRAB BAR MOUNTING

<u>7"CENTERED UNDER EACH MULL. ANCHOR TYPE A3 PER NOA</u>

#14 SM SCREWS INTO MIN. 1/8" THICK STEEL @ EACH HOLE.

ANCHOR HEADERS MAX. 26" O.C. & SILL 15"MAX O.C., & 3" FROM CORNERS JAMBS: MAX 17"O.C., 6" FROM CORNERS PER NOA. 1/4" TEK TO MULLIONS

3. PROVIDE A.C.T. CEILING IN ALL RESTROOMS @ 10'-0" AFF



Toilet Accessory Schedule

Model

6501

523

2903-28

9612- Ivory

83200593654

T-1218-30-SS

9569000001T

BOB293-1830

APCSSL2-280225PW

9531

594

1 ¼" OD x 42" & 1 ¼" OD x 36" long

1 ¼" OD x 42" & 1 ¼" OD x 42" long

1 ¼" OD x 42" & 1 ¼" OD x 48" long

5942-11

BRA9115

9537 White

Model 428

Model 583

Model 2027

Manufacturer

±70.0PSF

Bradley Soap Dispenser

Bradley Dual Roll Toilet Tissue Dispenser

Bradley Sensor-Operated Hand Dryer

Bradley Baby Changing Station

Bradley Shower Corner Grab Bar

Bradley- Combined Towel / Waste

Bobrick / Bradley Mirrors 18" x 30"

Bradley ADA Reversible Phenolic Shower Seat

Bradley Tissue Dispenser with Napkin Disposal

Bradley Tissue Dispenser with Napkin Disposal

Bobrick ADA Fixed Tilt Frame with Mirror

Bradley Single Robe Hook Coat Hooks

Bradley 72" High Vinyl Shower Curtain

Bradley WC Garb Bars

Bradley WC Garb Bars

Bradley WC Garb Bars

Napkin / Tampon Vendor

Bradley Shower Rod, Bright Polished finish, S. Steel

AP Contractor Series, Folding Shower Seat w/ Legs

ATTACHED w/ BARREL BOLT OTHER 1/2 FREE TO OPEN COUNTER/LAVATORY DETAIL 25 max

REVIEWED FOR CODE COMPLIANCE ST. LUCIE **COUNTY BOCC** Comment: BLDC-2312-001960 ARCHITECTURE By Owner Type: Building

Planning 772)631-5709 AA26002573 THESE DRAWINGS CONTAIN ARCHITECTURAL SYMBOLS USED FOR GRAPHIC PURPOSES ONLY. SIZE AND LOCATION MAY VARY TO MEET MANUFACTURER'S

DO NOT SCALE DRAWINGS

ANY QUESTIONS ABOUT DIMENSIONS, CONTACT DESIGNER.

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START DATE:

2ND_REVISION

3 3RD_REVISION

O.REVISION/ISSUE DATE

1ST_REVISION 02.26.24

Aviation Management

and Repairs 2916 Curtis King Blvd Fort Pierce Fl. 34946

03.19.18

SPECIFICATIONS.

Surface Mounted **Partition Mounted** Color White Slatted, ADA Compliant **Brushed Finish Stainless Steel** Anti-Microb. See floor plan for Width Non slip finish Concealed Mnt Non slip finish Concealed Mnt Non slip finish Concealed Mnt 25 cent coin system Dispenser

Surfaced Mounted, Directional Change

Conceal'd Mnt. See Plan for lengths

Color White, 00IT-(CO-09) Mount

Tilt Framed Mirror, Mount 39" AFF

Clear Polycarb Coating, Non-Yellowing

Surface mounted dispenser

By Owner.

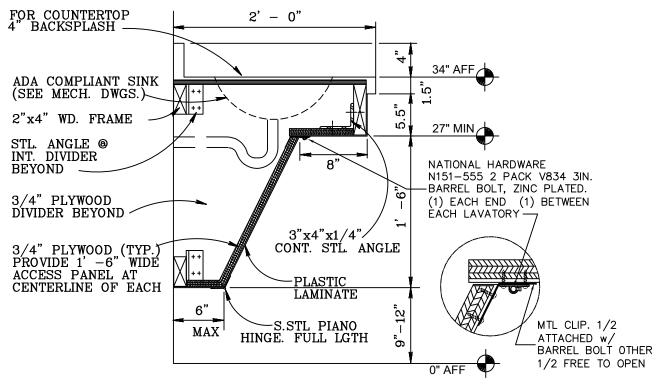
Recessed

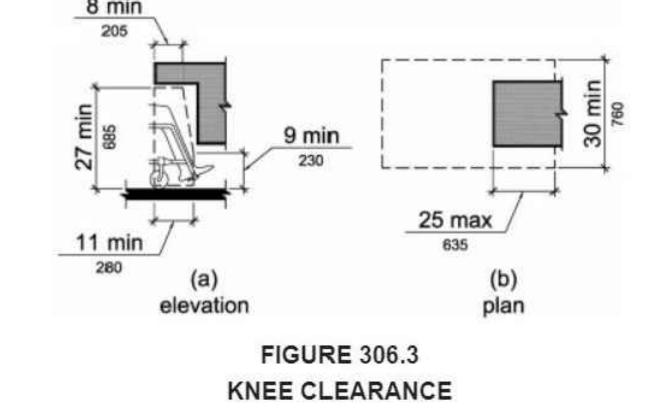
Mount ADA Compliant

Concealed Mount

PROVIDE NON-SLIP **CERAMIC TILE ON** RESTROOM FLOOR -CERAMIC TILE OR VINYL COVE

FLOOR/WALL COVE DETAIL SCALE: NTS





NOA OR FL#

FL# 24523.1

FL# 37280.1

NOA: 20-0330.09

NOA: 20-0424.01

3' - 4" MAX.
O REFLECTIN
SURFACE

LAVATORY SHOWN MAY NOT

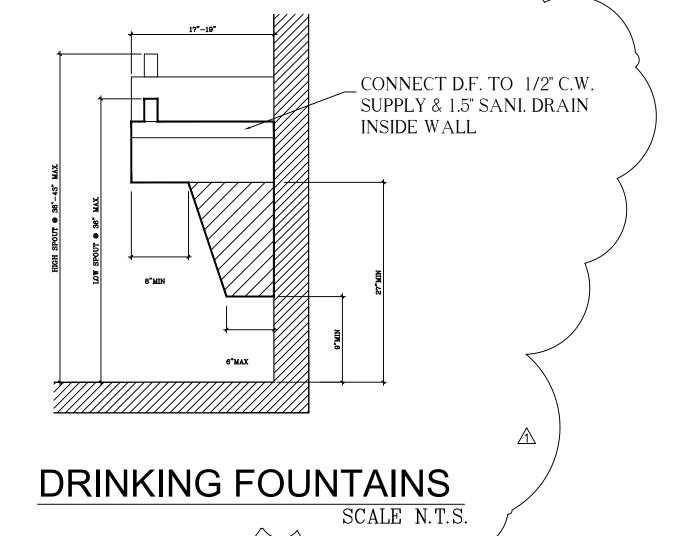
MATCH FIXTURE TO BE USED

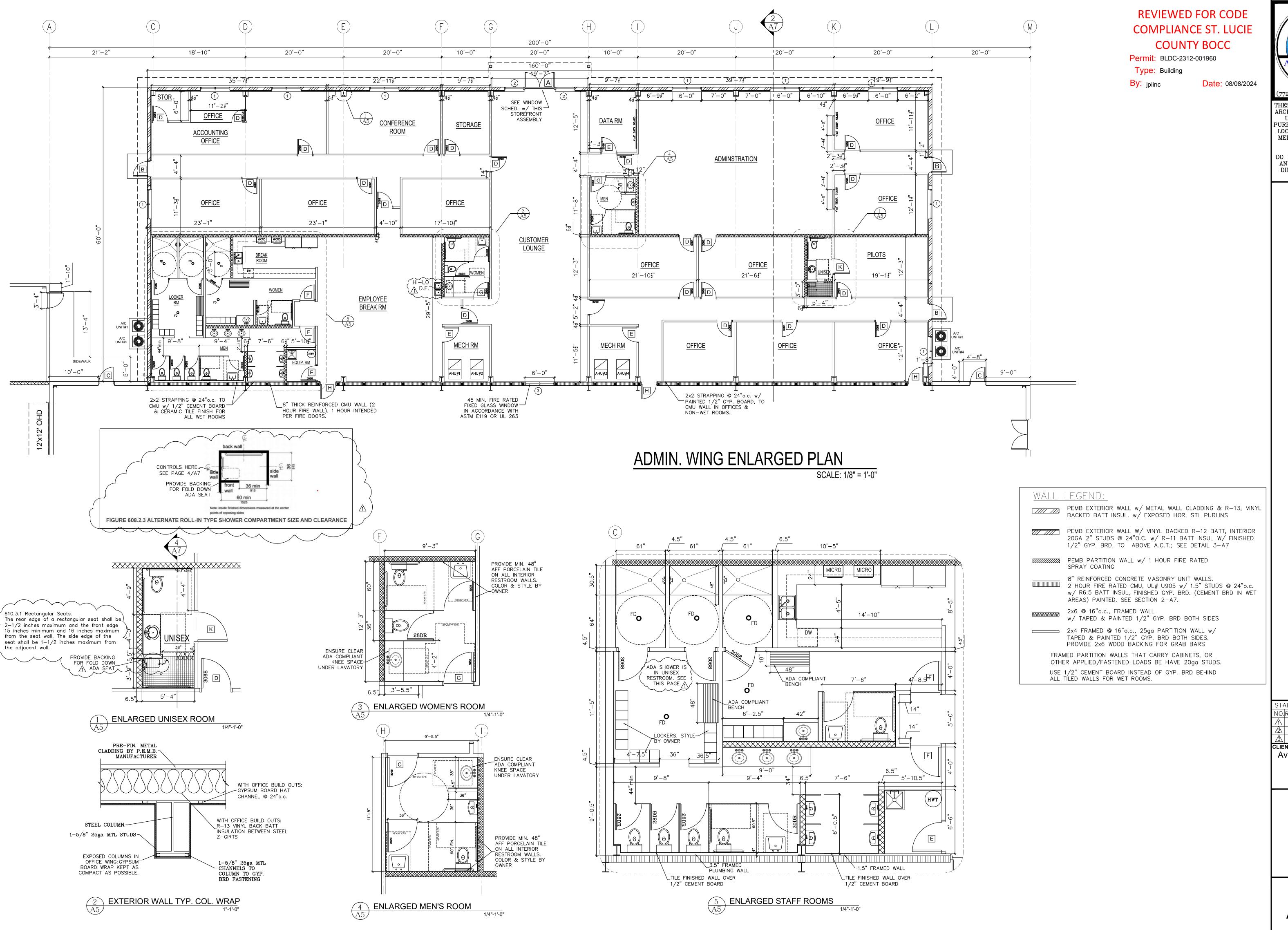
DIMENSION ILLUSTRATION ONLY

IN PROJECT - SHOWN FOR

SYSTEM, ALUMINUM IMPACT

608.5.3 Alternate Roll-In Type Shower Compartments. FOR SINGLE UNISEX SHOWER In alternate roll-in type shower compartments, the controls, faucets, and shower spray unit shall be located above the grab bar, but no higher than 48 inches (1220 mm) above the shower floor. Where a seat is provided, the controls, faucets, and shower spray unit shall be located on the side wall adjacent to the seat 27 inches (685 mm) maximum from the side wall behind the seat or shall be located on the back wall opposite the seat 15 inches (380 mm) maximum, left or right, of the centerline of the seat. Where a seat is not provided, the controls, faucets, and shower spray unit shall be installed on the side wall farthest from the compartment entry. with seat with seat (elevation) elevation) without seat





ARCHITECTURE

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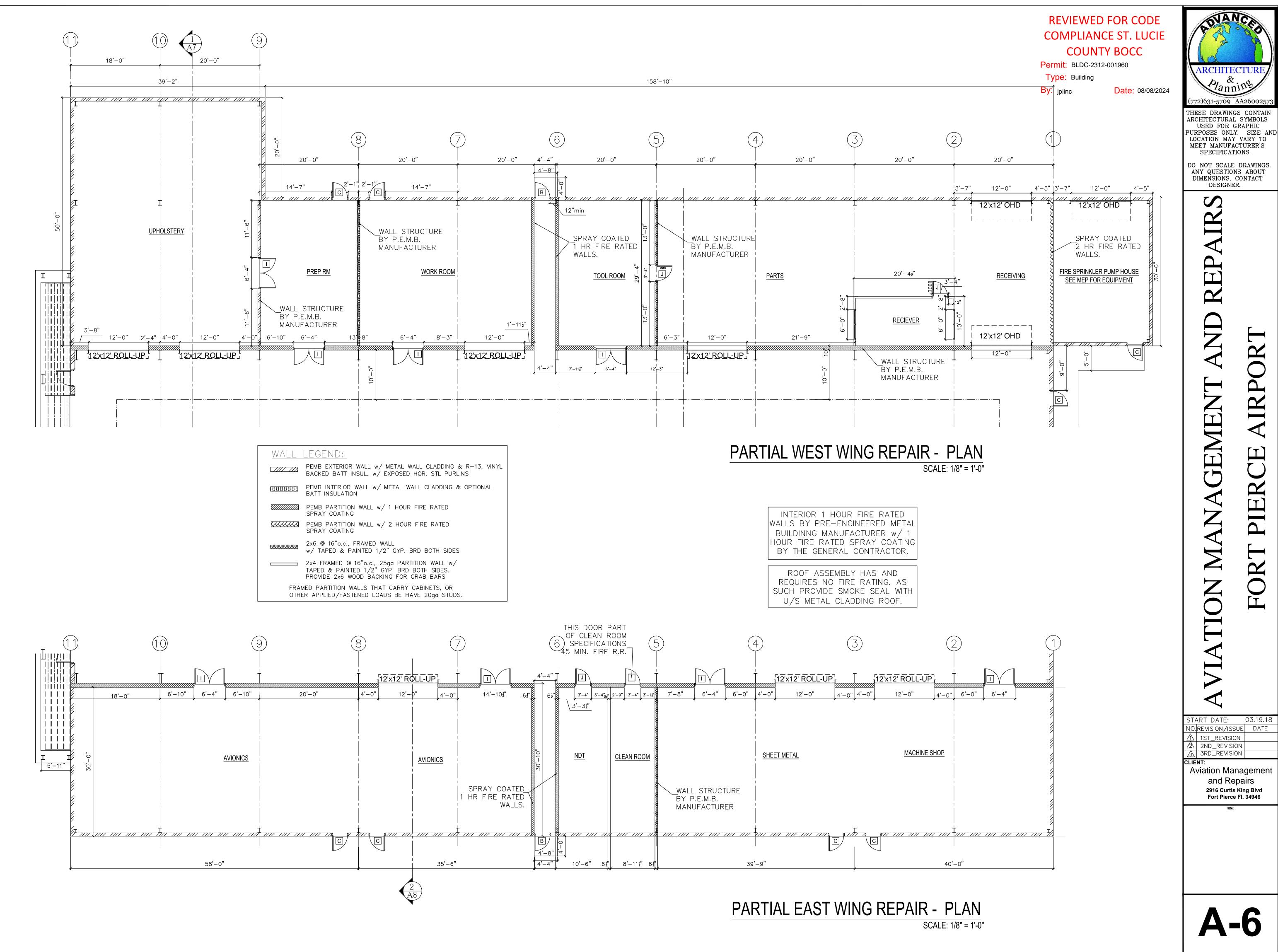
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03.19.18 START DATE: 10.REVISION/ISSUE DATE Λ | 1ST_REVISION | 02.26.24 2ND_REVISION

3 3RD_REVISION **Aviation Management** and Repairs

2916 Curtis King Blvd Fort Pierce Fl. 34946



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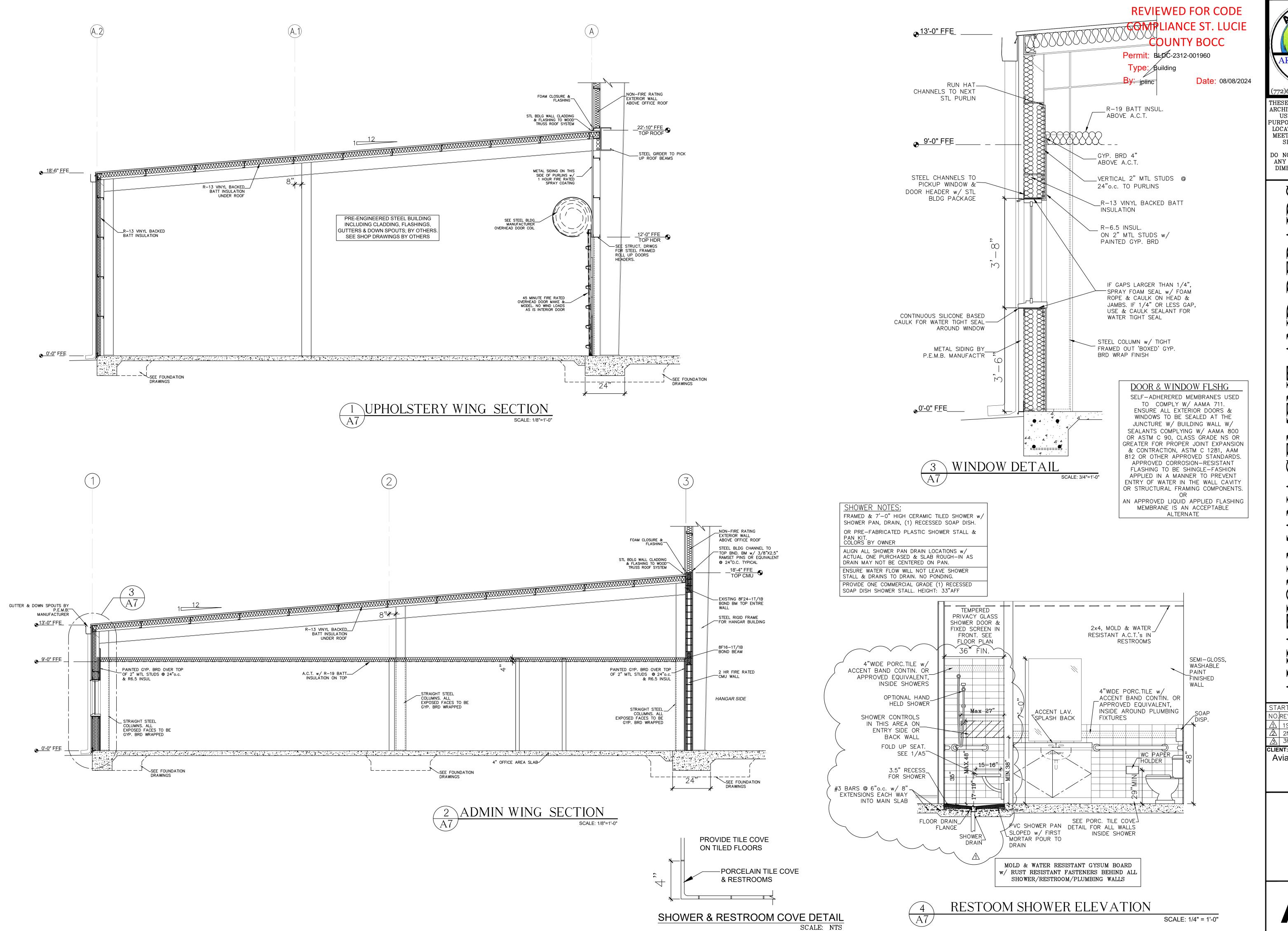
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DESIGNER.





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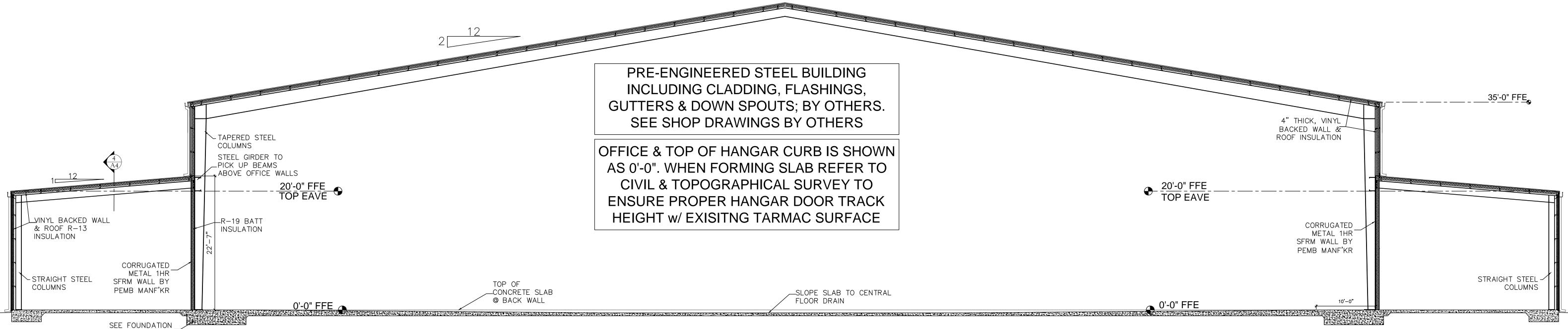
3 3RD_REVISION Aviation Managemen and Repairs

2916 Curtis King Blvd Fort Pierce Fl. 34946

Permit: BLDC-2312-001960 Type: Building

By: jpiinc

Date: 08/08/2024



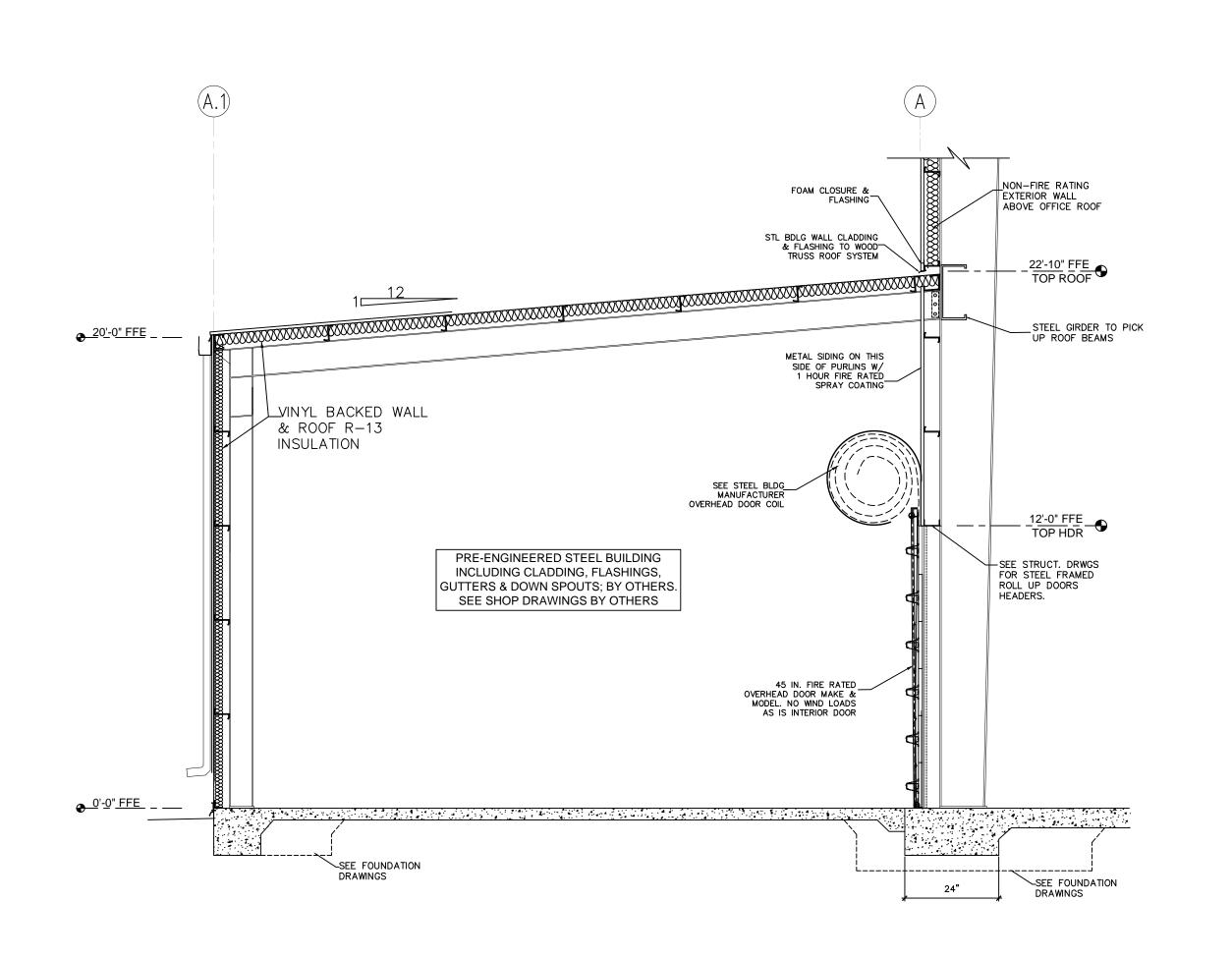
DOOR SCHEDULE											
DOOR	SIZE	DOOR				FRAME			FIRE	REMARKS	
ID	(WIDE X HIGH X THICK)	PROFILE	FACE	CORE	FINISH	MATERIAL	THRESHOLD	FINISH	RATING	T(EIVI) (I (I (O	
Α	(2)3'-0" x7'-0" x1-3/4"	2	ALUM	TEMP GLS	MFR.	ALUM.	ALUM.	MFR.		EXT. DR. w/ KEY SET, PINS, CLOSER *	
В	3'-0" x7'-0" x 1-3/4"	2	ALUM	TEMP GLS	MFR.	ALUM.	ALUM.	MFR.		EXT. DR. w/ KEY SET, CLOSER *	
С	3'-0" x 6'-8" x 1-3/4"	1	G.STEEL	INSUL.	PAINT	G.STEEL		PNT		EXT. DR. w/ KEY SET, CLOSER	
D	3'-0" x 6'-8" x 1-5/8"	1 OR 3	WOOD	SOLID	PAINT	WOOD		PNT		INT. DR. w/ KEY SET	
Е	3'-0" x 6'-8" x 1-5/8"	4	G.STEEL	HOLLOW	PAINT	G.STEEL		PNT		INT. DR. w/ KEY SET	
F	3'-0" x 6'-8" x 1-5/8"	1 OR 3	WOOD	SOLID	PAINT	WOOD		PNT		INT. DR. w/ PASSAGE SET, KICKPLTS, CLOSER	
G	3'-0" x 6'-8" x 1-5/8"	1 OR 3	WOOD	SOLID	PAINT	WOOD		PNT		INT. DR. w/ PASSAGE SET, CLOSER	
Н	3'-0" x 6'-8" x 1-5/8"	1	G.STEEL	RATED	PAINT	G.STEEL		PNT	45 MIN.	INT. DR. w/ KEY SET, CLOSER	
I	(2)3'-0" x7'-0" x1-5/8"	1	G.STEEL	RATED	PAINT	G.STEEL		PNT	45 MIN.	INT. DR. w/ KEY SET PINS, CLOSER	
J	3'-0" x 6'-8" x 1-5/8"	1	G.STEEL	RATED	PAINT	G.STEEL		PNT	45 MIN.	INT. DR. w/ KEY SET, CLOSER	
K	3'-0" x 6'-8" x 1-5/8"	1 OR 3	WOOD	SOLID	PAINT	WOOD		PNT		INT. DR. w/ PRIVACY SET, CLOSER	
DOOR NOTES:							DOO	R PROFI	LES:		
 ALL WIND DESIGN PRESSURES AS PER ELEVATIONS. ALL RESTROOM & FIRE RATED DOORS TO HAVE CLOSERS. ALL STEEL DOORS & FRAMES TO BE GALVINZED. ALL INTERIOR DOORS & FRAMES TO BE EXTERIOR GRADE. ALL DOORS WITH KEYSETS TO HAVE BOLT TYPE STRIKES. ALL EXTERIOR DOOR FRAMES TO BE WELDED HOLLOW FRAMES. ALL EXTERIOR DOOR FRAMES TO HAVE THRESHOLDS, CLOSERS & WEATHER STRIPPING. ADMIN DOOR LOCK SCHEDULE & MASTER KEYING BY OWNER'S DIRECTION. DOORS A & B REQUIRE PUSH PANEL EXIT DEVICES. 						PROFILE 4	DROEIL 5 2		LOUVER BOTH SIDES		
DOORS A & B REQUIRE POSITFAINEE EXIT DEVICES.							PROFILE 1	PROFILE 2	PROF	FILE 3 PROFILE 4 PROFILE 5	

PLAN

	WINDOW SCHEDULE						6'-0"	<u>,</u> 4'-0" ,		6'-0"
WINDOW	SIZE (WIDE X HIGH) CONFIRM M.O.	TYPE	FRAME	FINISH	SCREEN	3'-8'			3′-8′	
1	6'-0" x 3'-8"	FIXED	ALUM	ANODIZED		║ ' ']] ~	[7]	
2	4'-0" x 5'-8"	FIXED	ALUM	ANODIZED		ٔ أ ماً ا] [] [] [] [] [] [] [] [] [] [] [] [] []		INTERIOR AS MIN
3	6'-0" x 3'-8"	FIRE RATED GLASS	45MIN. FIRE RATED	PAINTED		∏		 - 		INTERIOR 45 MIN. FIRE RATED WINDOW
WINDO	W NOTES: A	ALL GLASS CLEAR								└── - ── - ── 0'-0" FFE
2. CONFI	 ALL WIND DESIGN PRESSURES AS PER ELEVATIONS. CONFIRM M.O.'S PER WINDOW AND DOOR MANUFACTURER PRIOR TO CONSTRUCTION. ALL EXTERIOR WINDOWS TO BE IMPACT RESISTANT. 						ID 1	ID 2	ID 2	ID 3

AX	FLOORPLAN NOTES
A1	PRIOR TO GYPSUM & CEILING INSTALLATIONS, G.C. TO HAVE LOW VOLTAGE, SOUND & SECURITY SYSTEMS INSTALLED BY OTHERS UNDER OWNER'S DIRECTION.
A2	OFFICE EXTINGUISHERS TO BE CHEMICAL TYPE 2A 10BC
A3	FIELD CONFIRM OPENINGS FOR WINDOWS & DOORS PRIOR TO ORDERING SAME.
A4	ALL FERROUS METALS TO BE SHOP PRIMED.
A5	PROVIDE RECESSED, W.P. FIRE (EMERGENCY) KEY BOX BY HANGAR MAIN ENTRY DOOR
A6	ALL SHEET MTL FLASHINGS BY STEEL BLDG MANUFACTURER.
A7	ENSURE ALL EDGES AND FACES OF ALL DOORS ARE PNT'D.
A8	ALL SUPPORTS, ACCESS PANELS, FASTENERS, HANGERS, ACCESSORIES, SUPPORTS TO BE HIGH GRADE STAINLESS STL. OR ALUMINUM.
A9	
A10	
A11	
A12	
A13	
A14	
A15	
A16	
A17	
A18	
A19	
A20	









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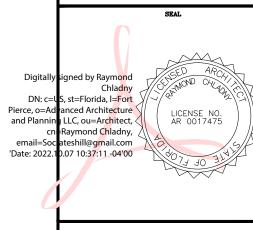
DESIGNER.

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03.19.18 START DATE: NO.REVISION/ISSUE DATE 1ST_REVISION
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3RD_REVISION **Aviation Management**

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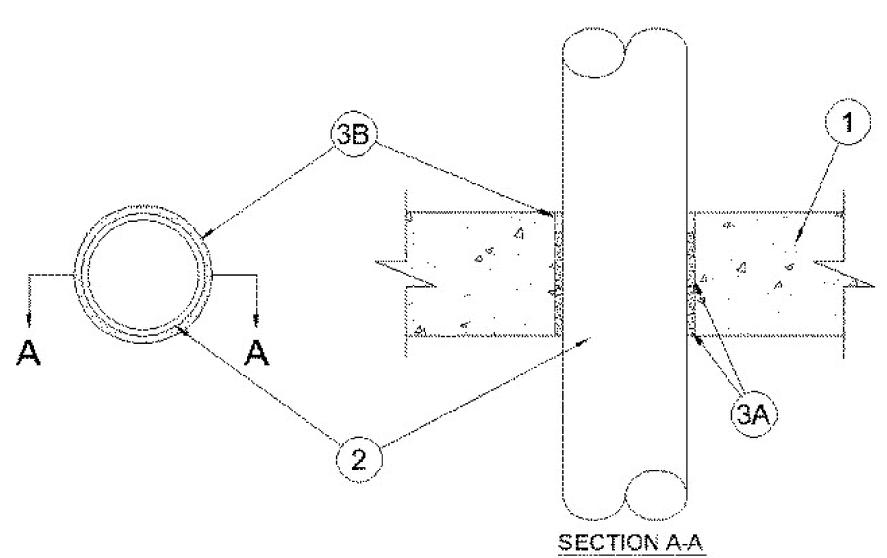
2ND_REVISION
3RD_REVISION **Aviation Management** and Repairs

2916 Curtis King Blvd Fort Pierce Fl. 34946

April 27, 2005

F Rating - 2 Hr

T Rating - 1 Hr



1. Floor or Wall Assembly — Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete or 5 in. thick reinforced lightweight or normal weight concrete wall Wall may also be constructed of any UL Classified Concrete Blocks*. Max diameter of opening is 5 in.

See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.

- 2. **Through Penetrants** One nonmetallic pipe to be installed either concentrically or eccentrically within the firestop system. Annular space between pipe and edge of opening shall be min. 3/16 in. to a max. 5/16 in. Pipe to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of nonmetallic pipes may be used:
 - A. Polyvinyl Chloride (PVC) Pipe Nom 4 in. diam (or smaller) Schedule 40 solid or cellular core PVC pipe for use in closed (process or supply) or vented (drain, waste
 - B. Chlorinated Polyvinyl Chloride (CPVC) Pipe Nom 4 in. diam (or smaller) SDR 13.5 CPVC pipe for use in closed (process or supply) piping systems.
- 3. **Firestop System** The firestop system shall consist of the following:

A. Fill, Void or Cavity Material* — Wrap Strip - Nom 3/16 in. thick by 1-3/4 in. wide intumescent wrap strip. Two layers of wrap strip individually wrapped around pipe with ends butted and held in place with tape. In floors, wrap strip butted side to side and slid into annular space with the lower edge flush with bottom surface of floor. In walls, one wrap strip inserted into annular space from each side of wall, and recessed ½ in.

HILTI CONSTRUCTION CHEMICALS, DIV OF

HILTI INC — CP648-E-W45/1-3/4" Wrap Strip

B. Fill, Void or Cavity Materials* — Sealant -Min 1/2 in. thickness of fill material applied within the annulus, flush with top surface of floor of both surfaces of wall.

HILTI CONSTRUCTION CHEMICALS, DIV OF

HILTI INC — FS-ONE Sealant

*Bearing the UL Classification Mark

See General Information for Through-penetration Firestop Systems

System No. C-AJ-1215

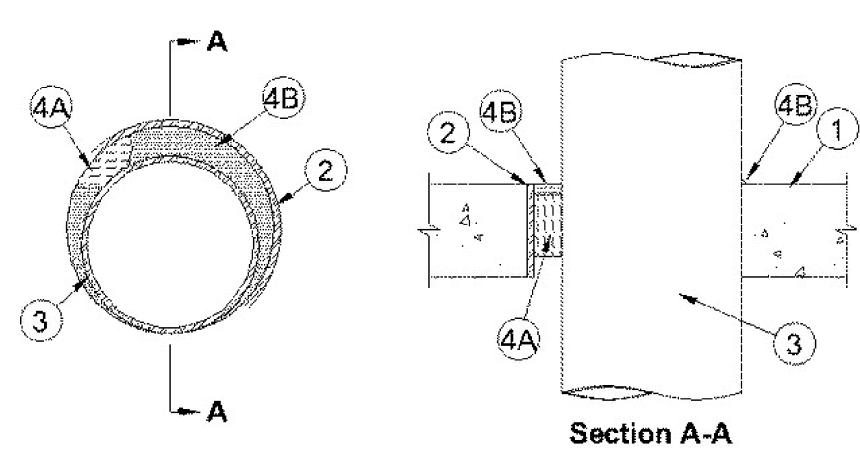
June 08, 2007

F Ratings — 3 and 4 Hr (See Item 4C)

T Rating — 0 Hr

L Rating At Ambient — Less Than 1 CFM/sq ft

L Rating At 400 F — Less Than 1 CFM/sq ft



1. Floor or Wall Assembly — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. Max diam of opening is 32 in. (813 mm)

See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.

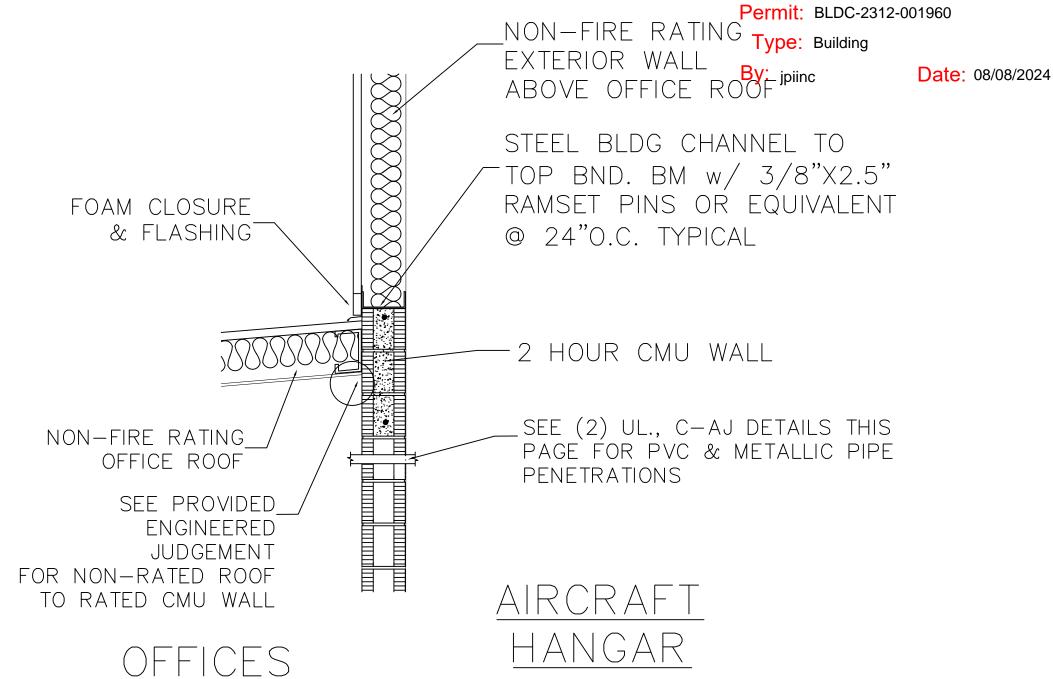
- 2. **Metallic Sleeve** (Optional) Nom 32 in. (813 mm) diam (or smaller) Schedule 10 (or heavier) steel sleeve cast or grouted into floor or wall assembly. Steel sleeve may be installed flush or may project a max of 3 in. (76 mm) beyond the floor or wall surfaces.
- 3. **Through Penetrant** One metallic pipe or conduit to be installed either concentrically or eccentrically within the firestop system. The annular space between pipe or conduit and periphery of opening shall be min 0 in. (point contact) to max 2 in. (51 mm). Pipe, conduit or tubing to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of metallic pipes or conduits may be used:
 - A. Steel Pipe Nom 30 in. (762 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.
 - B. **Iron Pipe** Nom 30 in. (762 mm) diam (or smaller) cast or ductile iron pipe. C. Conduit — Nom 4 in. (102 mm) diam (or smaller) steel electrical metallic tubing, nom 6 in. (152 mm) diam (or smaller) steel conduit or nom 1 in. (25 mm) diam (or smaller) flexible steel conduit.
 - D. Copper Pipe or Tubing Nom 6 in. (152 mm) diam (or smaller) Regular (or heavier) copper pipe or nom 6 in. diam (or smaller) Type M (or heavier) copper tubing.
- 4. **Firestop System** The Firestop system shall consist of the following:
 - A. **Packing Material** Min 3 in. (76 mm) thickness of min 4 pcf (64 kg/m³) mineral wool batt insulation firmly packed into opening as a permanent form. In floors, packing material to be recessed from top surface of floor or from top edge of steel sleeve as required to accommodate the required thickness of fill material. In walls, packing material to be recessed from both surfaces of wall or from both ends of steel sleeve as required to accommodate the required thickness of fill material.
 - B. Fill, Void or Cavity Material* Sealant Min 1/2 in. (13 mm) thickness of fill material applied within the annulus. In floors, fill material to be applied flush with top surface of floor or top edge of steel sleeve. In walls, fill material to be applied flush with both surfaces of wall or both ends of steel sleeve. At the point contact location between pipe and concrete, a min 3/8 in. (10 mm) diam bead of fill material shall be applied at the concrete/pipe interface on the top surface of floor and on both surfaces of wall.

SPECIFIED TECHNOLOGIES INC — SpecSeal LC 150 Sealant, SpecSeal LE600 Sealant

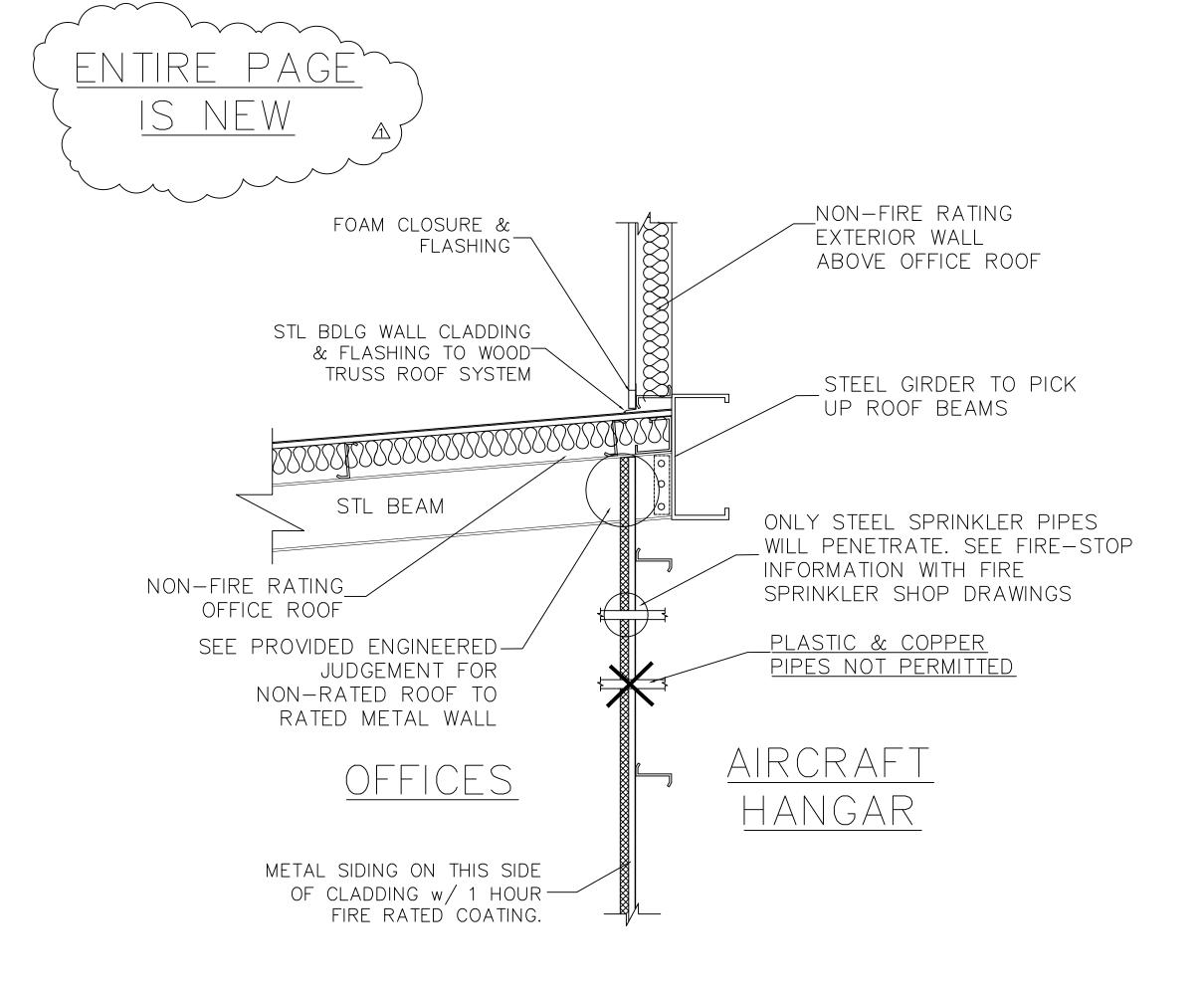
C. Steel Cover Plate — (Not Shown) — Min 0.014 in. (0.4 mm) galv steel cut to fit the contour of the through-penetrant (Item 3) with a min 2 in. (51 mm) lap on the top surface of floor and both surfaces of wall assembly around the perimeter of the through-opening. Seams of steel cover plate shall overlap min 1/2 in. (13 mm). Steel cover plate secured to top surface of floor and both surfaces of wall assembly by means of 1/4 in. (6 mm) diam by 1-3/4 in. (44 mm) long steel concrete anchors in conjunction with 1/4 in. (6 mm) by 1-1/4 in. (32 mm) diam steel fender washers spaced max 6 in. (152 mm) OC.

The hourly F rating of the firestop system is dependent upon the use of the steel cover plate. If the steel cover plate is used the F Rating of the firestop system is 4 hr. If the steel cover plate is omitted, the F Rating of the firestop system is 3 hr.

*Bearing the UL Classification Mark

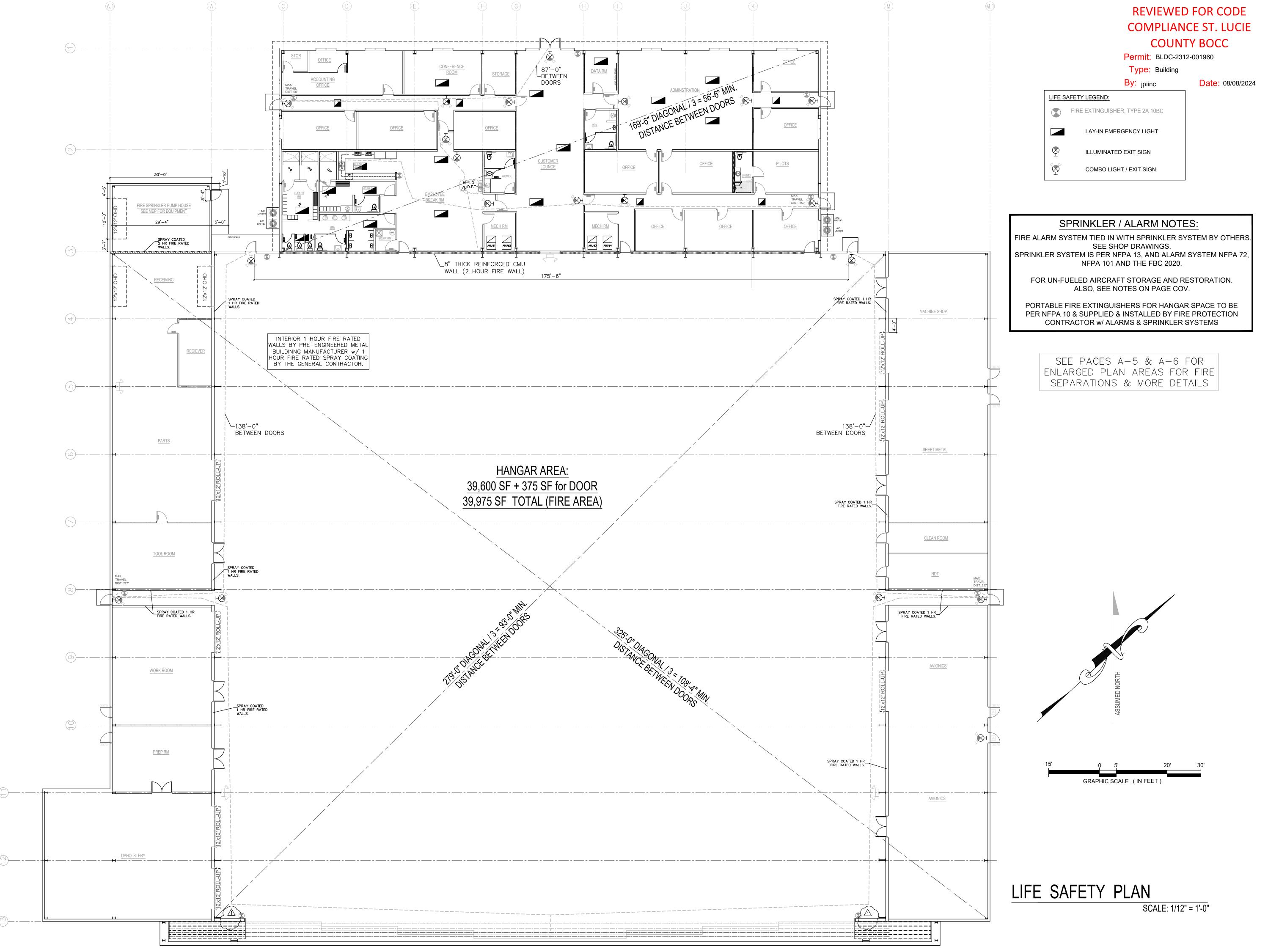


2 HOUR FIRE RATING UL# U906



1 HOUR FIRE RATING

BXUV-UL# U703



(772)631-5709 AA26002573

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START DATE: 09.09.21 NO.REVISION/ISSUE DATE 1ST_REVISION 02.26.24
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AVIATION MAINTENANCE PROFESSIONALS

4500 TAILWIND DR. FT. PIERCE, FL