PROJECT DESCRIPTION

GROSS FLOOR AREA: ENTIRE BLDG: ENCLOSED: 22,765 sf;
FOOTPRINT INCLUDES: 2-STORY OFFICE WING w/ ATRIUM.
1ST FLR: (4) SEPARATE OFFICES w/ ATRIUM: 2,365 SF
2ND FLR: (4) SEPARATE OFFICES w/ CORRIDOR: 2,071 SF
ALSO INCLUDES: 20,400 SF HANGAR SINGLE FIRE AREA

STRUCTURE: ONE & TWO STORY TYPE IIB, SPRINKLERED, UNPROTECTED
PRE-ENGINEERED STL BLDG WALLS & ROOF.
EAVES AT 34'-0", 41'-2" @ RIDGE, w/ MONOLITHIC PERIMETER FOOTING, PADS & SLAB
ROOF: STEEL BEAM RIGID FRAME w/ PURLINS & ROOF DECK

DESIGN PARAMETERS AND ASSUMPTIONS USED: (complete all that apply)

1. DESIGN CODE: Florida 2023 Code 8th Edition using ASCE 7-16
2. Structure Designed as (check one): X Enclosed ____Partially Enclosed ____Open
3. Risk Category: ____I X II ____III ____IV Exposure Category: ____B ____X C ____D
4. Design Wind Velocity 160 mph ____ASD ____LRFD End Zone Width: 19.2 ft
5. Mean Roof Height 37'-8' ft Roof Pitch: 1.0 :12 Parapet: 0 ft
6. Components & Cladding Design Pressures Used:
   Zone 4: ____ Zone 5: 35.8/-47.7PSF Garage: N/A
   35.8/-38.8PSF
   6a. Roofs
   Maximum +/- pressures: + 16.0 psf - 112.5 psf Or define individual zones on the plans
7. Design Loads: Floor: 200 PSF Roof-Dead: 5.73 PSF Roof-Live: 20 Balcony+/- N/A PSF
   Dock: N/A PSF Deck: N/A PSF Stairs: N/A PSF Fence: N/A PSF Railings: N/A PSF
8. Were Shear Walls Considered For Structure? X Yes ____Not Applicable Please Explain:
   _____
9. Is a Continuous Load Path Provided? X Yes ____Not Applicable Explain Why Not:
   _____
10. Design Soil Bearing Pressure: 2500 PSF Soil Test Reports Submitted? Yes X No Assumed

WIND PRESSURES: SEE ELEVATIONS
SHUTTERS: NO IMPACT RESISTANT ASSEMBLY: YES

CHAPTER 3: USE & OCCUPANCY

OCCUPANCY CLASSIFICATION: AIRCRAFT HANGAR (S-1) / BUSINESS (B)
OCCUPANCY: GROUP S-1 (STORAGE), FBC 2023 8th ED., SECTION 311.3
S-1 IS FOR HOLDING & STORAGE OF AIRCRAFT.
GROUP II AIRCRAFT HANGAR, TYPE IIA
OCCUPANCY: GROUP B (OFFICE SUITES), FBC 2023 8th ED., SECTION 304
OCCUPANCY LOAD: FBC 2023 8th ED., TABLE 1004.5
GRADE LEVEL: 20,400 sf HANGAR/STORAGE @ 500 sf/PERSON = 41 OCCUP.
GRADE LEVEL: 2,365 SF BUSINESS @ 150 SF/PERSON = 16 OCCUPANTS
2ND LEVEL: 2,071 SF BUSINESS @ 150 SF/PERSON = 14 OCCUPANTS
TOTAL BUILDING LOAD: = 71 OCCUPANTS

CHAPTER 4, 5 & NFPA FIRE SEPARATIONS:

PER FBC TABLE 412.4.6 THIS TYPE IIB HANGAR IS A GROUP II;
PER NFPA 7.3.3.: REQUIRES 1 HR FIRE WALL (UL#U465) BETWEEN S-1 FIRE AREA <40,000 SF & BUSINESS AREA, DOORS & GLAZING ON 1 HR FIRE WALL TO BE 60 MIN. FIRE RATED PER FBC 2023, SECTION 707.6 OPENINGS.
EXCEPTION#3: OPENINGS SHALL NOT BE LIMITED TO 156 SF OR AN AGGREGATE WIDTH OF 25% WALL LENGTH.
FBC TABLE 508.4: A, 1 HR FIRE WALL (UL#U465) TO BE PROVIDED BETWEEN SEPARATE BUSINESS TENANTS

MEANS OF EGRESS

MEANS OF EGRESS: FBC 2023 8th ED., 1006.2.1 & TABLE 1017.2:
MAXIMUM TRAVEL DISTANCE: FOR S-1, SPRINKLERED IS 400 FT
MAXIMUM TRAVEL DISTANCE: FOR B, SPRINKLERED IS 250 FT
ACTUAL MAXIMUM 'B' TRAVEL DISTANCE: < 50 FEET FROM 1ST FLOOR.
ACTUAL MAXIMUM 'B' TRAVEL DISTANCE: < 90 FEET FROM 2ND FLOOR.
ACTUAL MAXIMUM 'S-1' TRAVEL DISTANCE: 268 FEET. SEE PAGE A-1.
0.2" EGRESS WIDTH PER PERSON GROUND LEVEL & 0.3" FROM 2ND FLOOR:
MIN. REQUIRED HANGAR WIDTH: 0.2"x 41 OCCUPANTS TOTAL = 8.2"
TOTAL EXIT WIDTH IN HANGAR: (4) 36" WIDE DOORS;
1ST FLOOR OFFICE: (4) OCCUP./SUITE: 0.2"x4 OCCUP'S TOTAL = 0.8"; < 36";
2ND FLOOR OFFICE: (14) OCCUP./SUITE: 0.2"x14 OCCUP'S TOTAL = 2.8"; < 36";"
PER 2023 FBC TABLE 1006.2.1, SINGLE EGRESS PERMISSIBLE w/ OC. LOAD < 49

GENERAL REQUIREMENTS

1. ALL WORK TO BE AS PER FLORIDA BUILDING CODE 2023, 8th EDITION. AND TO MEET OR EXCEED ALL APPLICABLE LOCAL REQUIREMENTS. ALL MATERIALS, EQUIPMENT & INSTALLATION TO BE IN COMPLIANCE WITH ALL APPLICABLE CODES & AIRPORT REQUIREMENTS
2. ARCHITECT IS NOT RESPONSIBLE FOR THE GENERAL CONTRACTORS' METHOD OR MEANS OF CONSTRUCTION.
3. 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.
4. ALL WORK AND MATERIAL TO BE GUARANTEED BY GENERAL CONTRACTOR FOR ONE YEAR AFTER CERTIFICATE OF OCCUPANCY & SUBSTANTIAL COMPLETION.
5. 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 OR HIS SUB-CONTRACTORS.

APPLICABLE CODES & REGULATIONS:

BUILDING	2023 FLORIDA BUILDING CODE – 8TH EDITION
MECHANICAL	2023 FLORIDA MECH. CODE – 8TH EDITION
PLUMBING	2023 FLORIDA PLUMBING CODE – 8TH EDITION
ELECTRICAL	2020 NATIONAL ELECTRICAL CODE
ACCESSIBILITY	2023 FLORIDA ACCESSIBILITY CODE – 8TH EDITION
FIRE	FLORIDA FIRE PREVENTION CODE – 8TH EDITION

SPRINKLER / ALARM NOTES:

FIRE ALARM SYSTEM TIED IN WITH SPRINKLER SYSTEM BY LICENSED FIRE PROTECTION SPECIALIST.
SEE SHOP DRAWINGS.
SPRINKLER SYSTEM IS PER NFPA 13, AND ALARM SYSTEM NFPA 72, NFPA 101 AND THE FBC 2023 8TH ED.
PORTABLE FIRE EXTINGUISHERS FOR HANGAR SPACE TO BE PER NFPA 10 & SUPPLIED & INSTALLED BY FIRE PROTECTION CONTRACTOR W/ ALARMS & SPRINKLER SYSTEMS

FBC CHAPTER 5, 6 & 7 SCHEDULE
TABLE 506.2, TABLES 602.2, 705.5 & 705.8

CONSTRUCTION TYPE IIB UNPROTECTED SPRINKLERED

ALLOWABLE HT: B & S-1: 75 FT; B:3 STORY; S-1: 4 STORY, (TABLE 504.3 & TABLE 504.4)
ALLOWABLE AREA: B: 69,000 SF; S-1 70,000 SF, 2 & 1 STORY RESPECT. (TABLE 506.2)

STRUCTURAL ELEMENT:	ALLOWED	ACTUAL
PARTY WALLS:	1.0 HR	1.0 HR
EXTERIOR BEARING WALLS:	0 HR	0 HR
SUPPORTING COLUMNS, OTHER BEARING WALLS:	0 HR	0 HR
INTERIOR BEARING WALLS:	N/A	N/A
SUPPORTING COLUMNS, OTHER BEARING WALLS OR MORE THAN ONE FLOOR:	N/A	N/A
COLUMNS:	0 HR	0 HR
SUPPORTING OTHER COLUMNS OR MORE THEN ONE FLOOR:	N/A	N/A
SUPPORTING ONE FLOOR ONLY:	N/A	N/A
SUPPORTING ROOFS ONLY:	0 HR	0 HR
BEAMS, GIRDERS, TRUSSES AND ARCHES:	0 HR	0 HR
SUPPORTING OTHER COLUMNS OR MORE THEN ONE FLOOR:	N/A	N/A
SUPPORTING ONE FLOOR ONLY:	N/A	N/A
SUPPORTING ROOFS ONLY:	0 HR	0 HR
FLOOR & FLOOR/CEILING ASSEMBLIES:	N/A	N/A
ROOF & ROOF/CEILING ASSEMBLIES:	0 HR	0 HR

(USE ONE LINE PER WALL IF NEEDED)	DISTANCE FROM COMMON OR ASSUMED PROPERTY LINE:	REQUIRED FIRE RATING AND % OF OPENING:	ACTUAL FIRE RATING AND % OF OPENING:
EXTERIOR BEARING WALLS SOUTH	30'	0 HR, NL	0 HR & 1% UPO
EXTERIOR BEARING WALLS EAST SIDE	30' PLUS	0 HR, NL	0 HR & 4% UPO
EXTERIOR BEARING WALLS WEST SIDE	30' PLUS	0 HR, NL	0 HR & 92% UPO
EXTERIOR BEARING WALLS NORTH	30' PLUS	0 HR, NL	0 HR & 3% UPO

PLUMBING FIXTURES CALC:

PLUMBING FIXTURES PER TABLE 403.1 2023 FPC:
71 OCCUPANTS TOTAL OR 36 PER GENDER

WC's: 1/25 FOR 1ST 50 & 1/50; REQUIRES (1) LAV. PER GENDER;
LAV's: 1/40 FOR 1ST 80 & 1/80; REQUIRES (1) LAV. PER GENDER;

PROVIDED: (1) MALE, (1) FEMALE, ADA COMPLAINT RESTROOM;

- (2) WC
- (2) LAV
- (1) MOP SINK IN HANGAR
- (1) DRINKING FOUNTAIN IN HANGAR

PRODUCT APPROVAL

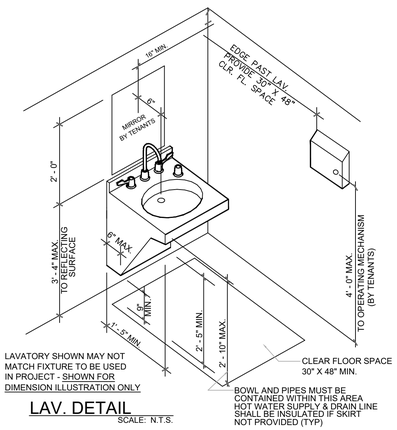
OPENING SCHEDULE CURTAIN WALL SYSTEM, STOREFRONT DOORS, SWING DOOR & OVERHEAD DOORS

NOA OR FL#	PRODUCT	MODEL NUMBER	MANUFACTURER	GLASS	ATTACHMENT METHOD	DESIGN PRESSURES
FL# 24523.1	EXTERIOR DOOR PLUSH SINGLE	SERIES LS-18 IMPACT, STEEL	DAYBAR INDUSTRIES LTD	N/A	#14 SM SCREWS INTO MIN. 1/8" THICK STEEL JAMBS: MAX 24" O.C. & 8" FROM TOP CORNERS, 6" BOTTOM. SILL: MAX 10" O.C. & 2.75" FROM CORNERS	±70.0PSF
FL# 37280.1	GARAGE DOOR	24ga SLAT ROLL UP IMPACT	BEST ROLLING DOORS INC	N/A	5/8" PLUG WELDS @ 14" o.c. TO STEEL A36 1/4" THICK JAMB. SEE NOA FOR MORE DETAILS.	±70.0PSF
FL# 13433	CURTAIN WALL SYSTEM, ALUMINUM IMPACT WINDOWS & DOORS	SERIES: YHC 300 OG HVHZ CURTAIN WALL SYSTEM	YKK AP AMERICAN	TYPE B3	FASTEN CURTAIN WALL WINDOWS, DOORS & MULLIONS TO STEEL FRAMED SUBSTRATE PER APPROVED SHOP DRAWINGS. INCLUDES OVER ENTRY CANOPY IN SYSTEM.	±65.0PSF
FL# 42671.1	STOREFRONT DOOR SYSTEM, ALUMINUM IMPACT	SERIES: 351 OUTSWING ALUM. STOREFRONT DOOR	TRULITE GLASS & ALUM. SOLUTIONS	TYPE G2	1/4" TAPCONS. MIN. 1.5" EMBED @ MAX 18"o.c. & 6" FROM CORNERS. FOR ANCHOR SILL & HEADER (3) TAPCON CLUSTERS PER NOA.	±70.0PSF

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

METAL ROOF, WALL & SIDING BY STEEL BUILDING MANUFACTURER

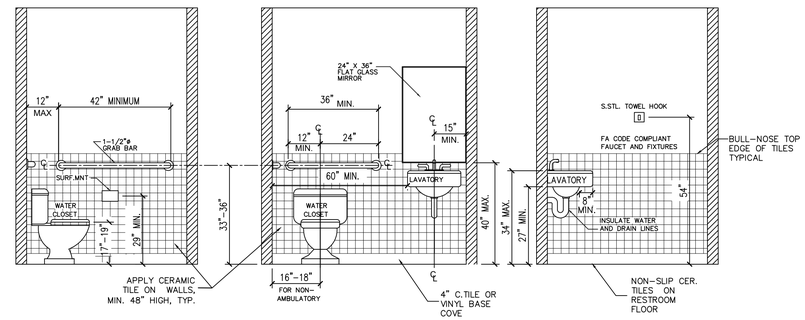
I HAVE REVIEWED THE ABOVE COMPONENTS AND CLADDING, AND HAVE APPROVED THEIR USE IN THE STRUCTURE TO PROVIDE ADEQUATE RESISTANCE TO THE WIND LOADS AND FORCES SPECIFIED BY THE CURRENT CODE PROVISIONS IN ACCORDANCE WITH FBC 2023, SECTION 1609



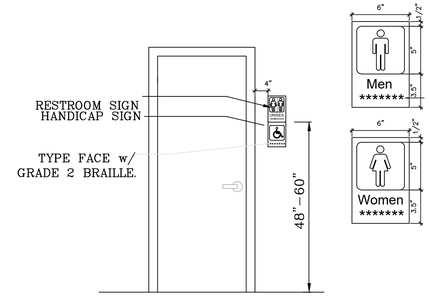
LAVATORY SHOWN MAY NOT MATCH FIXTURE TO BE USED IN PROJECT - SHOWN FOR DIMENSION ILLUSTRATION ONLY

BOWL AND PIPES MUST BE CONTAINED WITHIN THIS AREA HOT WATER SUPPLY & DRAIN LINE SHALL BE INSULATED IF SKIRT NOT PROVIDED (TYP)

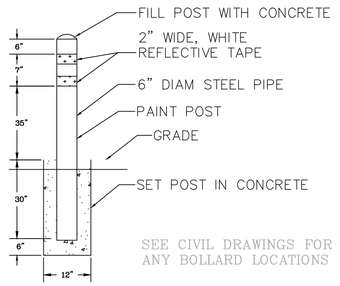
LAV. DETAIL
SCALE: N.T.S.



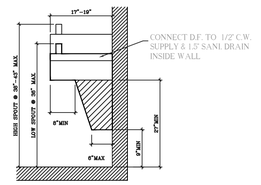
BATHROOM FIXTURE MOUNTING ELEVATIONS
WC SEATS SHALL NOT BE SPRUNG TO RETURN TO A LIFTED POSITION NO SCALE



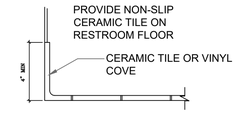
RESTRM BRAILE SIGN
SCALE: N.T.S.



BOLLARD DETAIL
N.T.S.



DRINKING FOUNTAINS
SCALE N.T.S.



FLOOR/WALL COVE DETAIL
SCALE: NTS

DRAWING INDEX

NOTES & DETAILS	COV
ARCHITECTURAL	A1-A9
STRUCTURAL	S1
MEP PLANS BY MEP ENGIN'RS	

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OSCEOLA PROJECT
STUART AIRPORT

START DATE: 01.09.23

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

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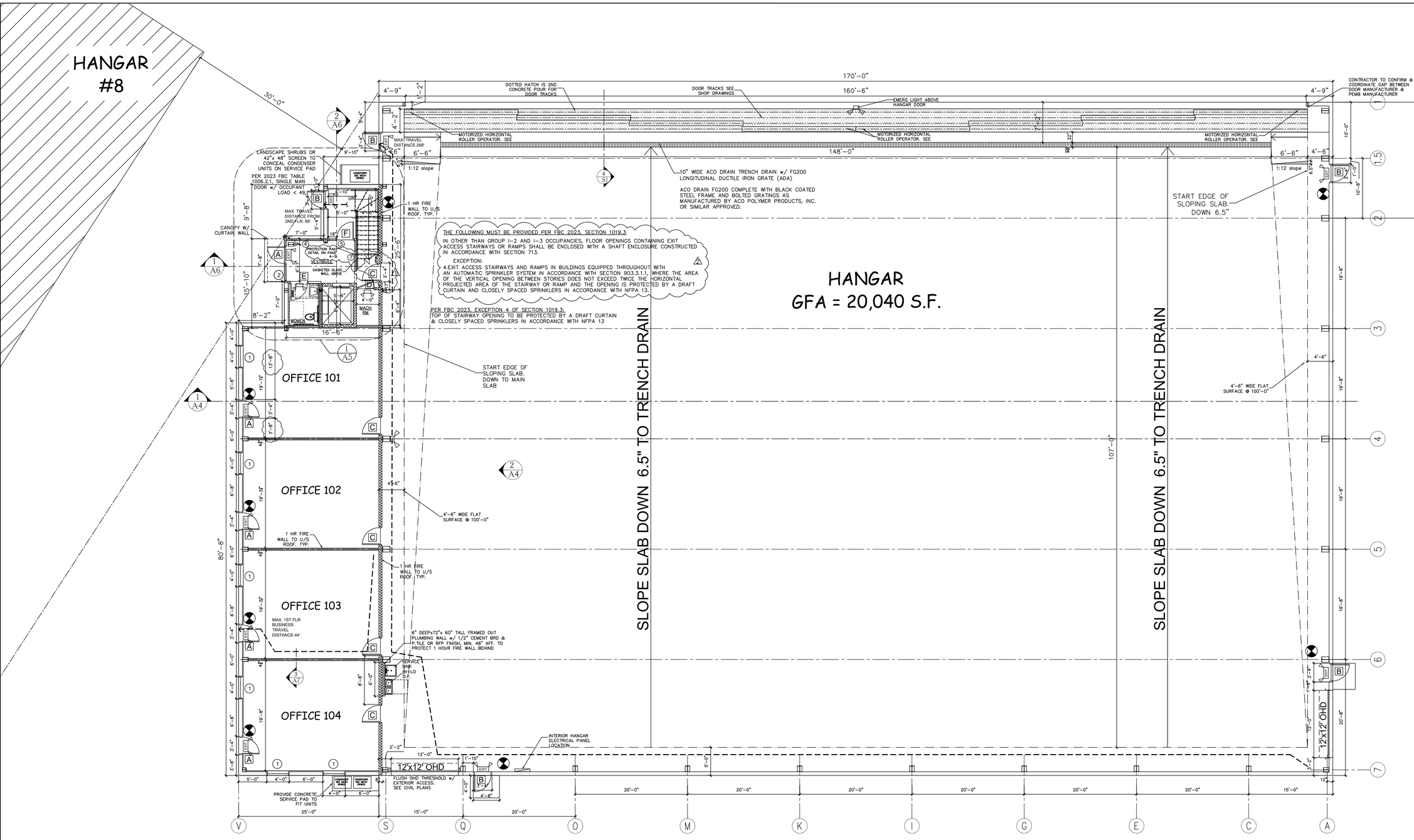
COV



1st LEVEL FLOOR PLAN

ALSO LIFE SAFETY PLAN

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

WALL LEGEND:

- 1 HOUR FIRE RATED WALL, UL#U465; 18ga, 2x6 @ 24"o.c., FRAMED WALL w/ TAPED & PAINTED 5/8" TYPE-X GYP. BRD BOTH SIDES. PROVIDE CONTINUOUS HORIZONTAL BRIDGING @ MAX 6'o.c. AS WELL.
  NOTE: ELEVATOR SHAFT WALLS & MACHINE ROOM WALLS & CEILING AS WELL TO BE 1 HR FIRE RATED. PER SHOP DRWGS, IF PLYWD SHEATHING REQUIRED, APPLY 5/8" TYPE-X GYP. BTD OVER TOP. (SEE ELEVATOR MANUF'TR SPEC'S FOR STUD GAUGES)
- PARTY WALL: 1 HOUR FIRE RATED, FRAMED w/ 18ga 2x6 @ 16"o.c. w/ 5/8" TYPE-X GYP. BRD BOTH SIDES.
- OFFICE WALLS: 1 HOUR FIRE RATED, FRAMED w/ 18ga 2x4 @ 16"o.c. w/ 5/8" TYPE-X GYP. BRD BOTH SIDES.
- P.E.M.B. EXTERIOR WALLS w/ EXTERIOR METAL CLADDING FASTENED TO 8" DEEP HOR. PURLINS. ALL SUPPORTED BY STEEL COLUMN & BEAM SYSTEM.
- 2x4 FRAMED @ 16"o.c., 25ga PARTITION WALL w/ TAPED & PAINTED 1/2" GYP. BRD BOTH SIDES. PROVIDE 2x6 WOOD BACKING FOR GRAB BARS

FRAMED PARTITION WALLS THAT CARRY CABINETS, OR OTHER APPLIED/FASTENED LOADS BE HAVE 20ga STUDS.

USE 1/2" WATER RESISTANT GYP BRD OR CEMENT BRD INSTEAD OF GYP. BRD BEHIND ALL TILED WALLS FOR WET ROOMS.

LIFE SAFETY LEGEND:

- FIRE EXTINGUISHER, TYPE 2A 10BC ENSURE IN COOLER F.E. 's ARE COLD COMPATIBLE
- EMERGENCY LIGHT
- ILLUMINATED EXIT SIGN
- COMBO LIGHT / EXIT SIGN

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OSCEOLA PROJECT
STUART AIRPORT

START DATE:		04.15.24
NO	REVISION/ISSUE	DATE
1	1ST_REVISION	08.10.24
2	2ND_REVISION	09.09.24
3	3RD_REVISION	

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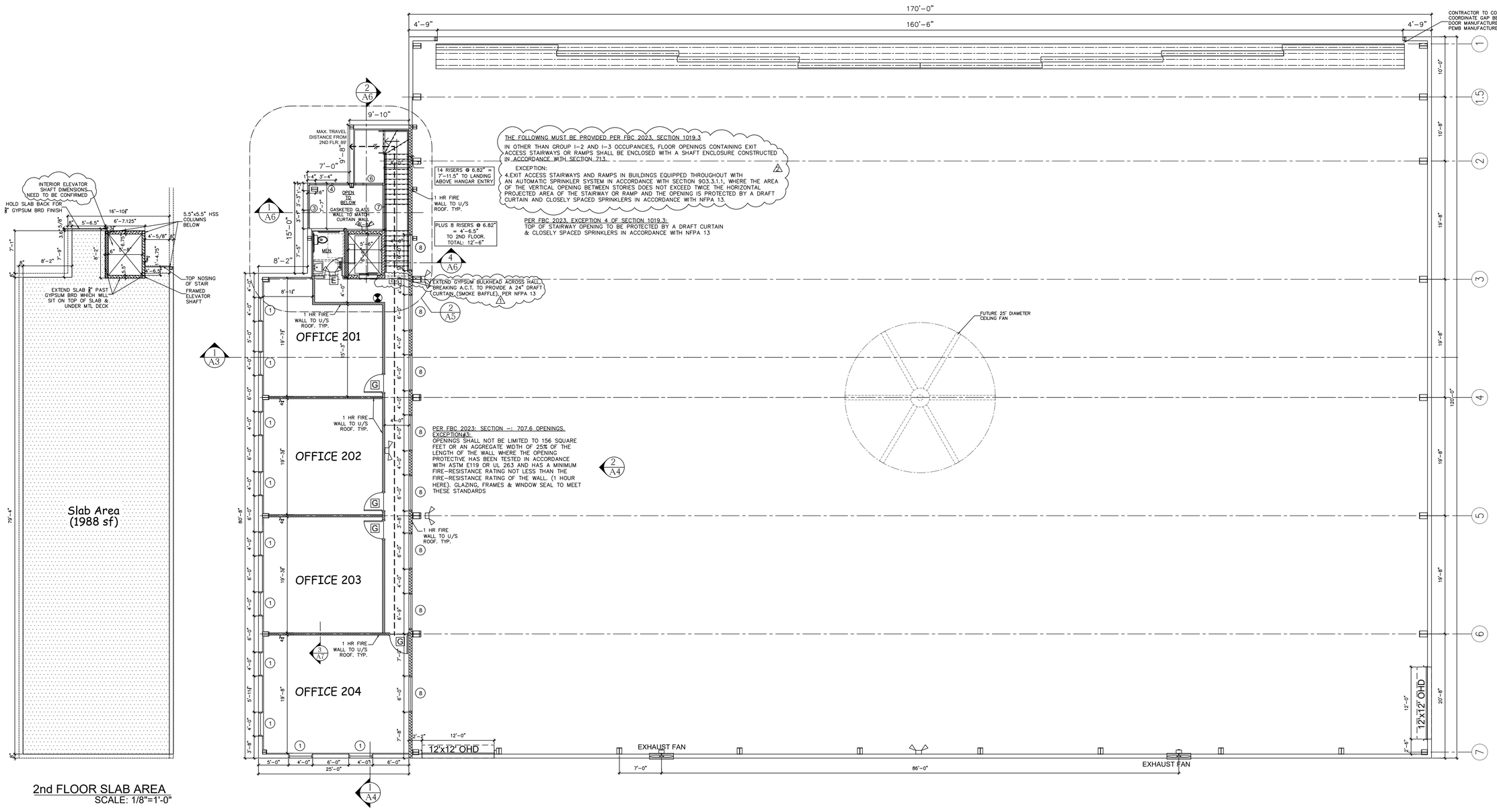
A-1



2nd FLOOR SLAB AREA
SCALE: 1/8"=1'-0"

2nd LEVEL FLOOR PLAN

ALSO LIFE SAFETY PLAN — SCALE: 1/8"=1'-0"

DESIGN LOADS 2nd FLOOR:

LIVE LOAD:	65 PSF;
DEAD LOAD:	60 PSF (40 CONCRETE + 20 DECK & JOISTS);
PARTITION LOAD:	15 PSF;
TOTAL LOAD:	140 PSF (UNFACTORED)

WALL LEGEND:

1 HOUR FIRE RATED WALL, UL#U465; 18ga, 2x6 @ 24"o.c., FRAMED WALL w/ TAPED & PAINTED 5/8" TYPE-X GYP. BRD BOTH SIDES. PROVIDE CONTINUOUS HORIZONTAL BRIDGING @ MAX 6'o.c. AS WELL.
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- FIRE EXTINGUISHER, TYPE 2A 10BC ENSURE IN COOLER F.E.'s ARE COLD COMPATIBLE
- EMERGENCY LIGHT
- EXIT — ILLUMINATED EXIT SIGN
- EXIT — COMBO LIGHT / EXIT SIGN

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OSCEOLA PROJECT
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2 2ND_REVISION	09.09.24
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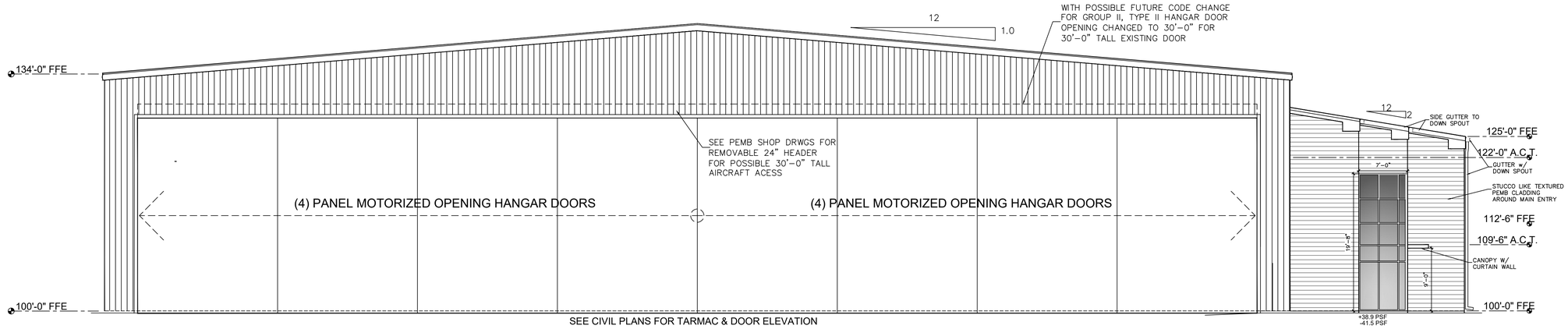
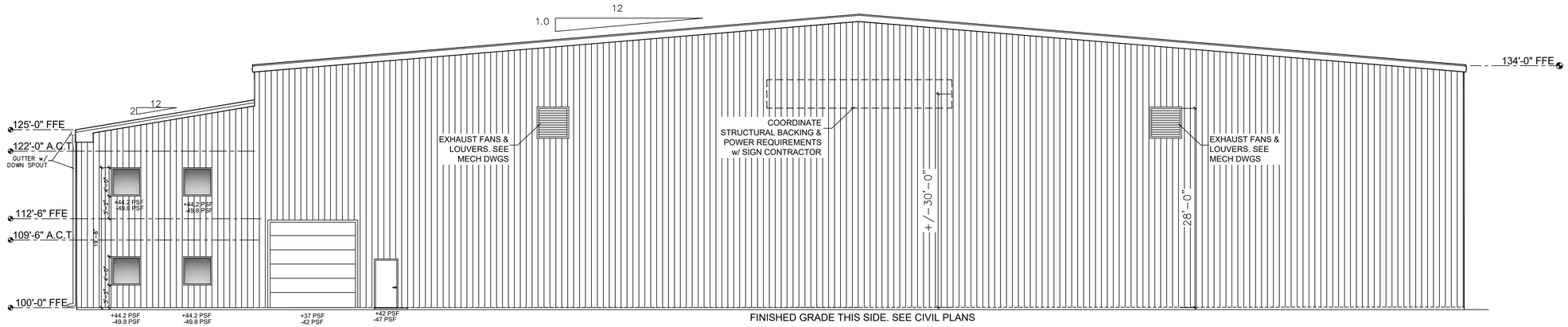
A-2



SEE CIVIL PLANS FOR TARMAC & DOOR ELEVATION

WEST ELEVATION

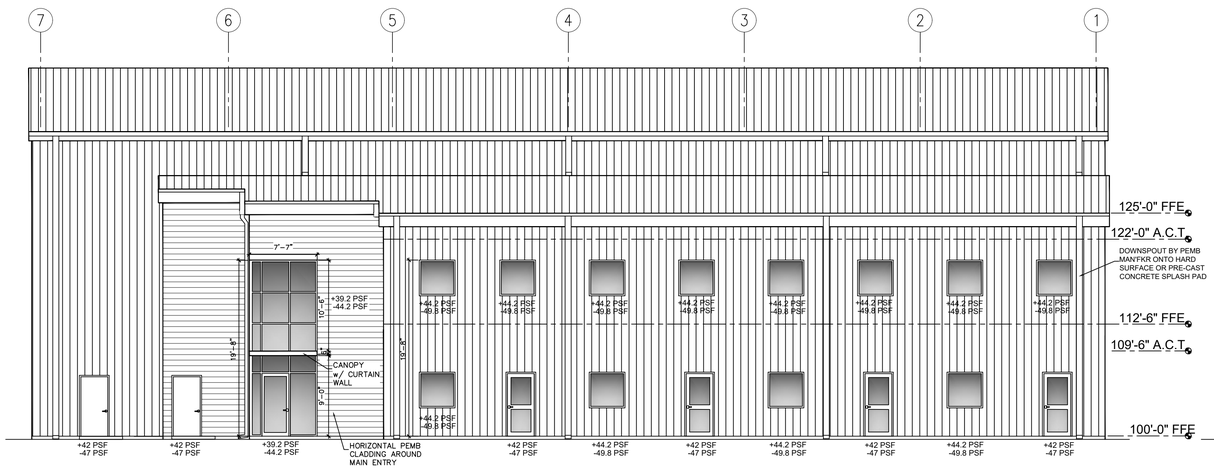
SCALE: 1/8"=1'-0"



FINISHED GRADE THIS SIDE. SEE CIVIL PLANS

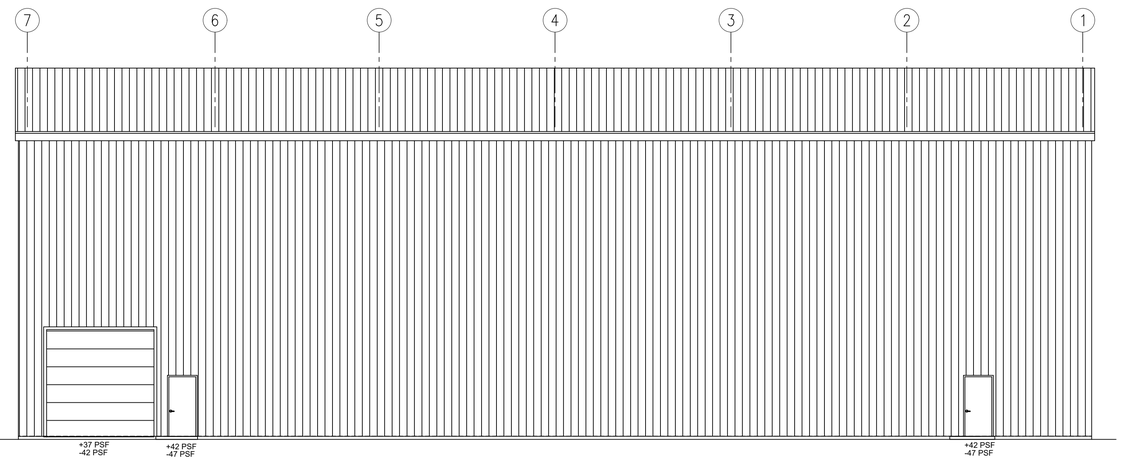
EAST ELEVATION

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



SOUTH ELEVATION

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



NORTH ELEVATION

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

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OSCEOLA PROJECT
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START DATE:	04.15.24
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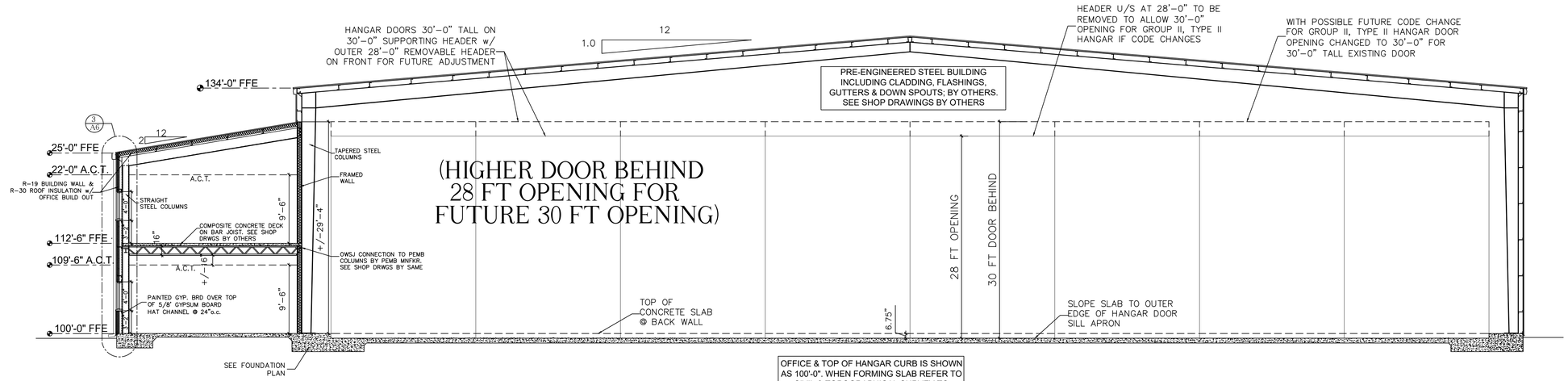
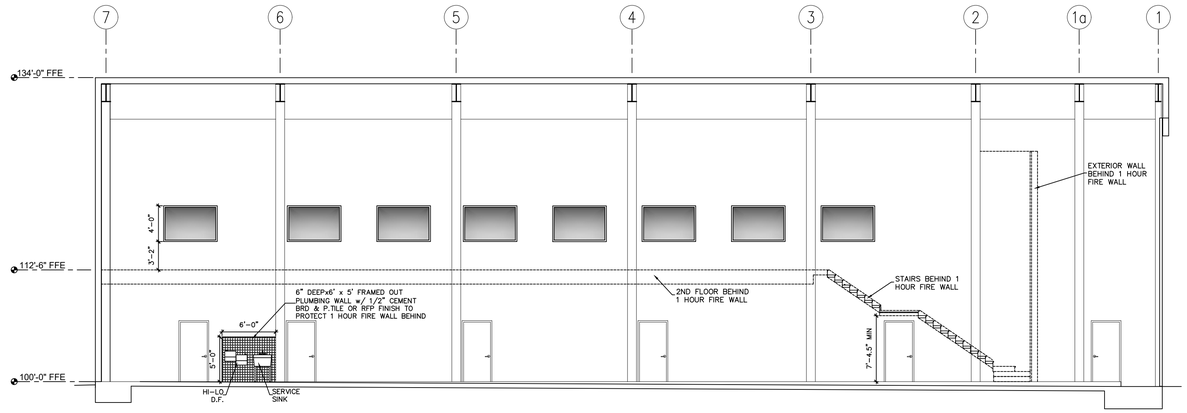
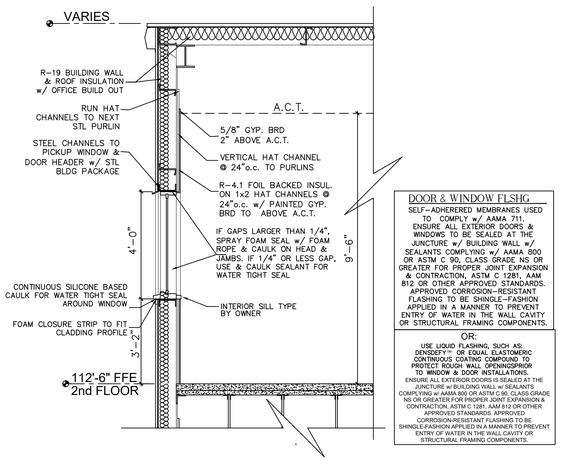




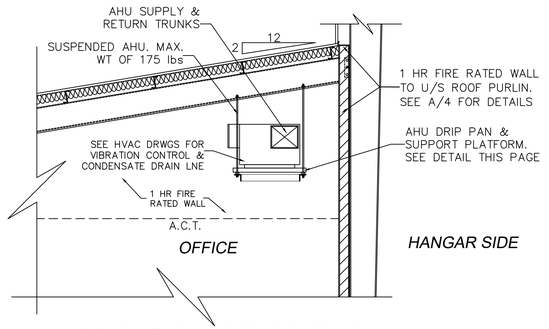
2 / A3 INTERIOR ELEVATION

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



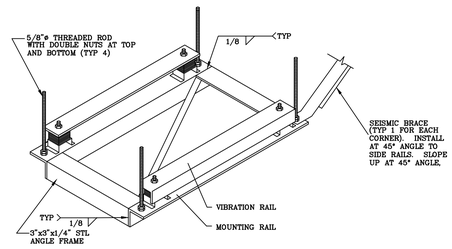
3 / A4 WINDOW/DOOR WATER PROOFING

SCALE: 3/8"=1'-0"



AHU OVER OFFICE CLG

SCALE: 3/8"=1'-0"



PLATFORM FOR SUSPENDING EQUIPMENT FROM ROOF TRUSSES

N.T.S.

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OSCEOLA PROJECT
STUART AIRPORT

START DATE:	04.15.24	
NO	REVISION/ISSUE	DATE
1	1ST_REVISION	
2	2ND_REVISION	
3	3RD_REVISION	

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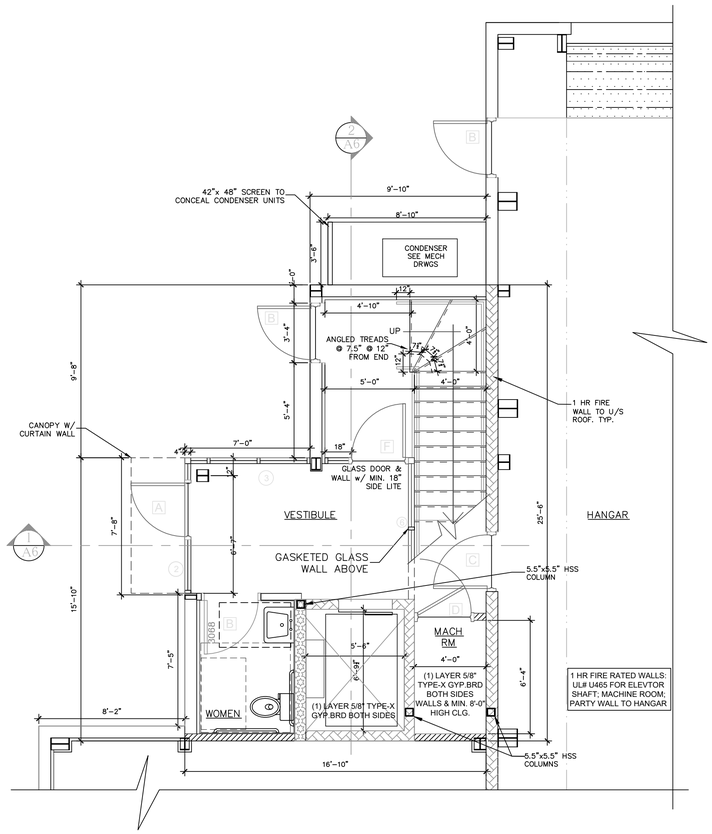
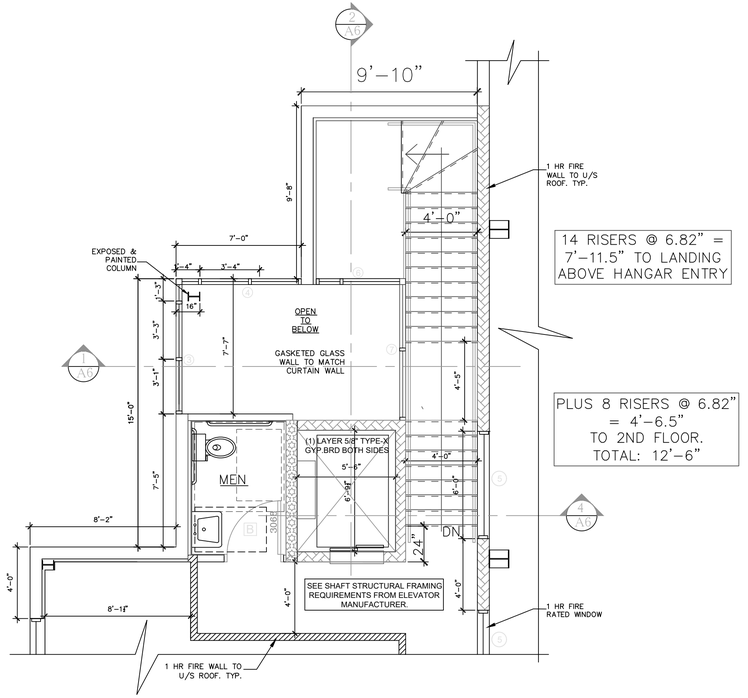
Stuart, FL 34996

SEAL

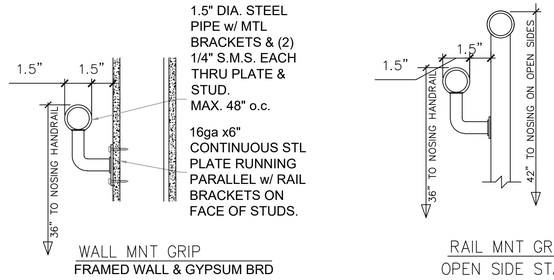
A-4

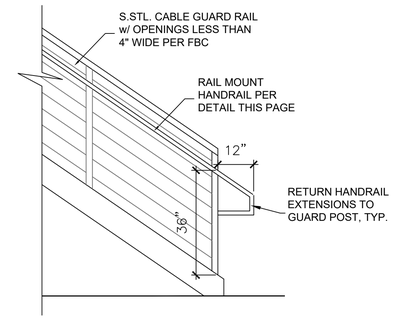


1 / A5 — 1st FLOOR LOBBY ENLARGED
SCALE: 1/4"=1'-0"

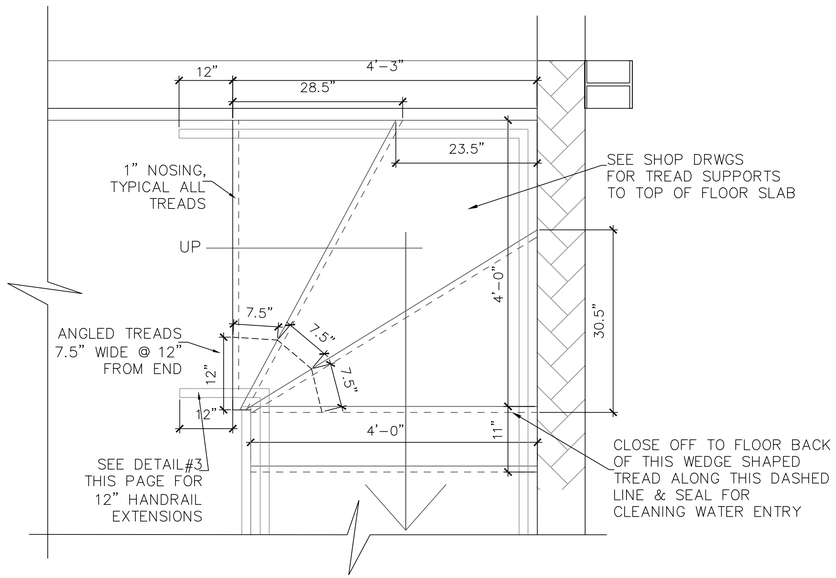


2 / A5 — 2nd FLOOR ATRIUM ENLARGED
SCALE: 1/4"=1'-0"

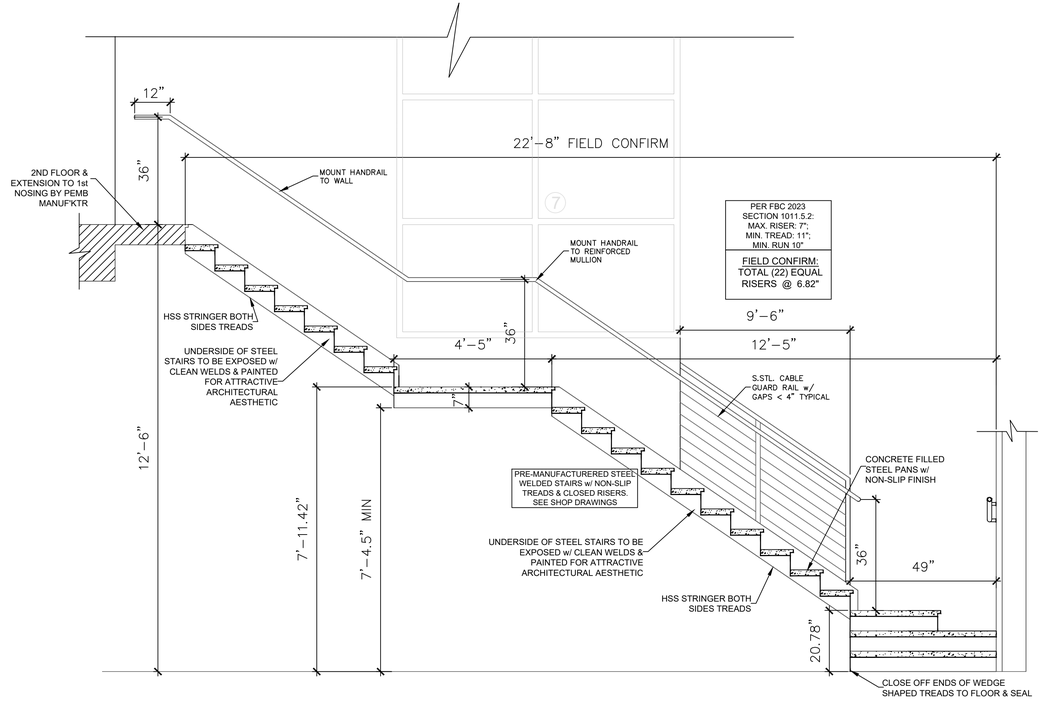




3 / A5 — HANDRAIL EXTENSION
SCALE: 1/4" = 1'-0"



4 / A5 — WEDGE TREAD DETAILS
SCALE: 1" = 1'-0"



5 / A5 — STAIR SECTION
SCALE: 1/2" = 1'-0"

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STUART AIRPORT

START DATE:	01.09.23
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1 1ST_REVISION	
2 2ND_REVISION	
3 3RD_REVISION	

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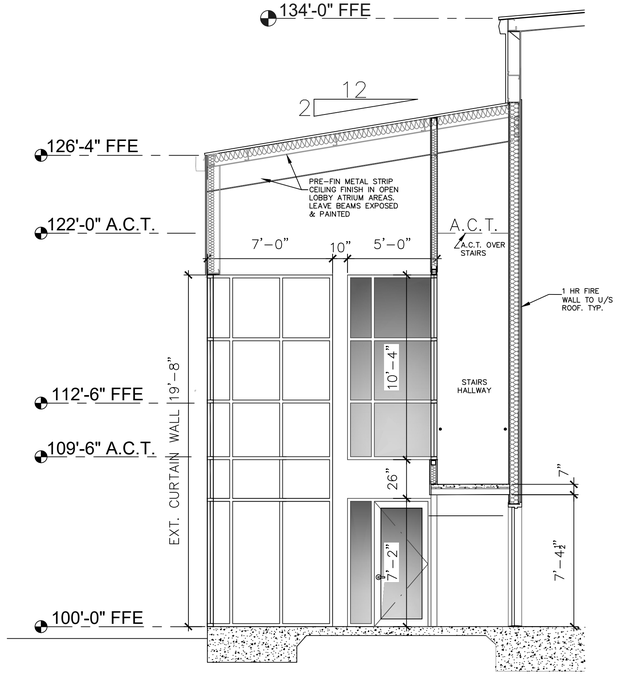
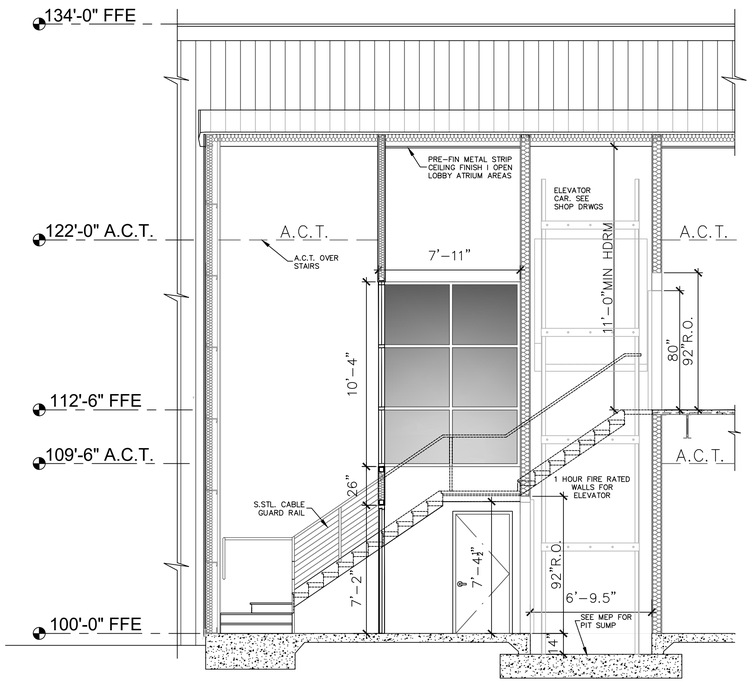
2240 Witham Field Dr,
Stuart, FL 34996

REAL

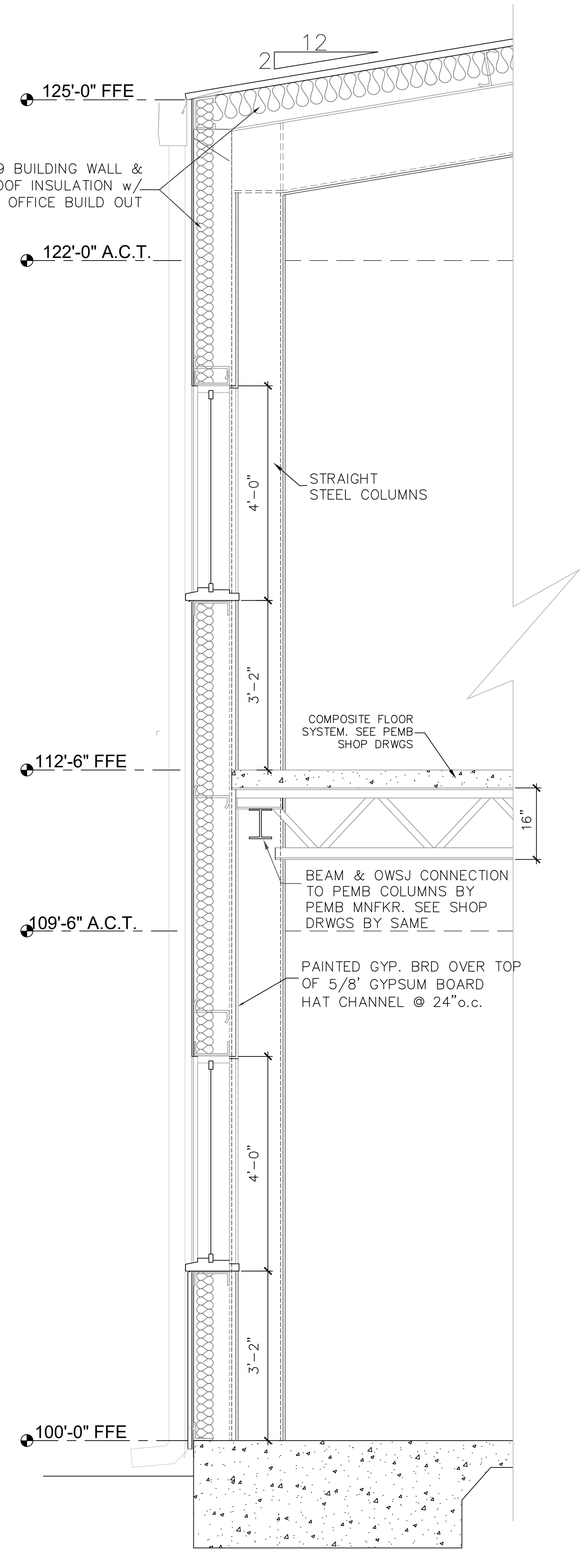
A-5



1 A6 **LOBBY SECTION**
SCALE: 1/4" = 1'-0"



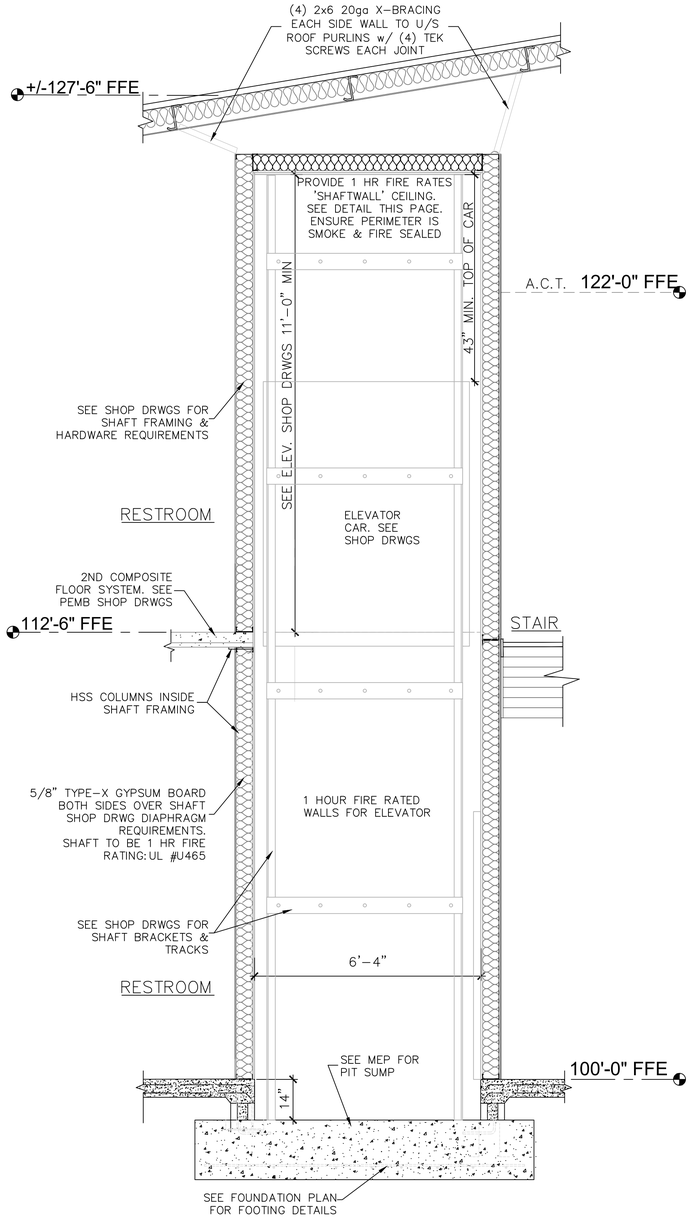
2 A6 **LOBBY SECTION**
SCALE: 1/4" = 1'-0"



3 A6 **EXTERIOR WALL SECTION**
SCALE: 3/4" = 1'-0"

ELEVATOR 1 HR F.R.R. CEILING CEILING

1 hr.	FM	FC-172	Base layer 5/8" (15.9 mm) Fire-Shield Gypsum Board attached with screws 24" o.c. (610 mm) to wood joists or trusses 24" o.c. (610 mm). Second layer 5/8" (15.9 mm) Fire-Shield Gypsum Board or 5/8" (15.9 mm) F.S. Soffit Board screw attached 12" o.c. (305 mm). 1/2" (12.7 mm) plywood floor. **Ceiling provides one hour fire resistance protection for wood framing, including trusses.**
	GA	FC 5406	
	GA	RC 2601	
	GA	RC 2602	



4 A6 **ELEVATOR SHAFT SECTION**
SCALE: 1/2"=1'-0"

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OSCEOLA PROJECT
STUART AIRPORT

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REAL

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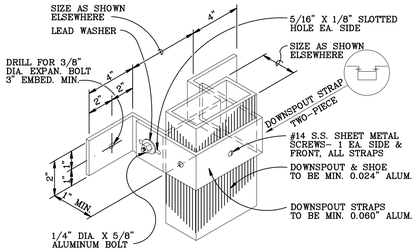
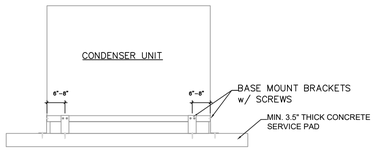


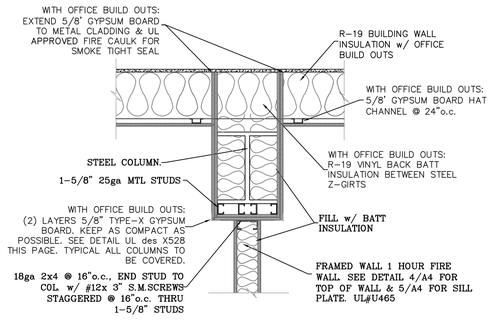
DOWNSPOUT STRAP DETAIL

SCALE : N.T.S.



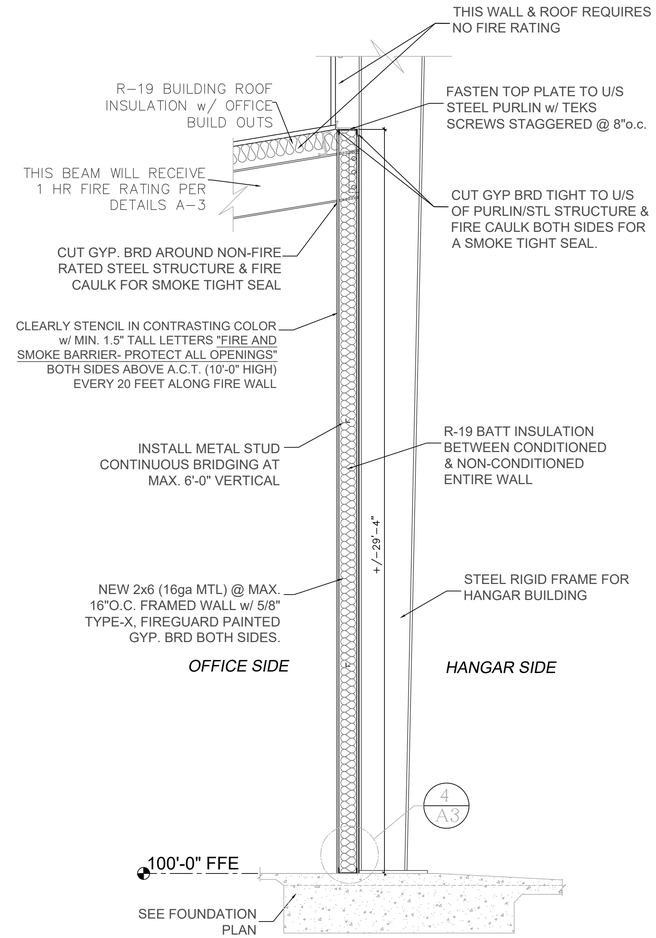
CONDENSER ANCHOR NOTES:

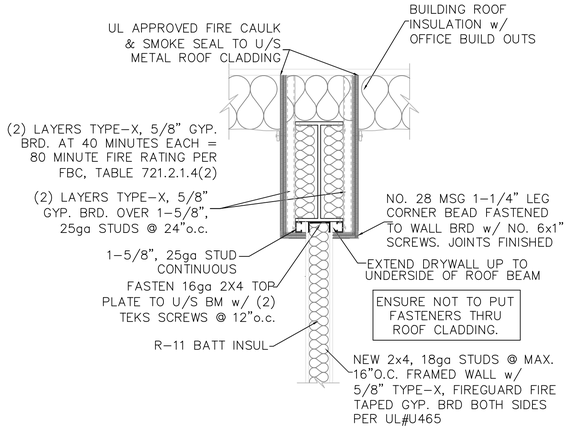
1. BASE MOUNT BRACKETS TO BE STEEL, ZINC PLATED, (2) ON EACH SIDE AS SHOWN HERE WITH MIN. 1/16" THICK x 2" x 6" x 1.5" ON BEND;
2. MIN. (1) 1/4"x 2.5" S.STEEL TAPCON PER CLIP TO CONCRETE SERVICE PAD;
3. SERVICE PAD CONCRETE TO BE MIN. 3000 PSI COMPRESSION STRENGTH;
4. FASTENERS USED IN THE INSTALLATION MUST BE PROPERLY INSTALLED & COMPLETELY SCREWED IN SUCH THAT THE HEAD OF THE FASTENER ENGAGES THE BRACKET;
5. ATTACH EACH CLIP TO THE CONDENSING UNIT USING (2) #14 X 3/4"S.S. SELF-TAPPING SCREWS.



1/A7 INTERIOR WALL/TYP. COL. WRAP

UL#: U465 1"-1'-0"





CLEARLY STENCIL IN CONTRASTING COLOR w/ MIN. 1.5" TALL LETTERS "FIRE AND SMOKE BARRIER- PROTECT ALL OPENINGS" BOTH SIDES EVERY 20 FEET ALONG FIRE WALL

3/A7 SUITE DIVISION WALL TO BEAM

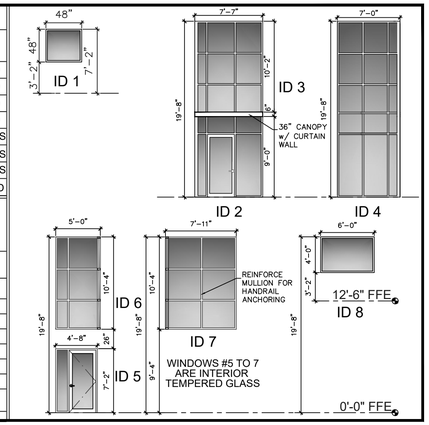
UL#: U465 SCALE: 1"= 1'-0"

WINDOW SCHEDULE

WINDOW ID	SIZE (WIDE X HIGH) CONFIRM M.O.	TYPE	FRAME	FINISH	REMARKS
1	4'-0" x 4'-0"	FIXED	ALUM	ANODIZED	IMPACT RATED
2	7'-7" x 9'-0"	FIXED	ALUM	ANODIZED	IMPACT RATED
3	7'-7" x 10'-2"	FIXED	ALUM	ANODIZED	IMPACT RATED
4	7'-0" x 19'-8"	FIXED	ALUM	ANODIZED	IMPACT RATED
5	4'-8" x 7'-2"	FIXED	ALUM	ANODIZED	INT. TEMP. GLASS
6	5'-0" x 10'-4"	FIXED	ALUM	ANODIZED	INT. TEMP. GLASS
7	7'-11" x 10'-4"	FIXED	ALUM	ANODIZED	INT. TEMP. GLASS
8	4'-0" x 6'-0"	1 HR F.R.R.	RATED	PAINTED	1 HR FIRE RATED

WINDOW NOTES: ALL GLASS CLEAR

1. ALL WIND DESIGN PRESSURES AS PER ELEVATIONS.
2. CONFIRM R.O.'s PER WINDOW AND DOOR MANUFACTURER PRIOR TO CONSTRUCTION.
3. ALL WINDOWS TO BE IMPACT RESISTANT.

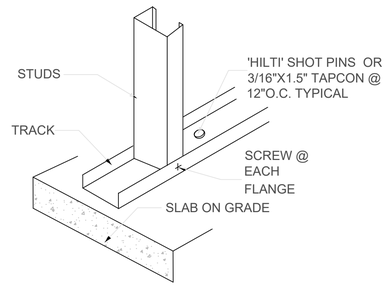


FLOORPLAN NOTES

AX	
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. KNOX-BOX BY HANGAR MAIN ENTRY DOOR CONFIRMED WITH OWNER
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.

2/A7 1 HR FIRE WALL

UL#: U465 SCALE: 1/2"= 1'-0"



4/A7 PARTITION SILL

SCALE: N.T.S.

DOOR SCHEDULE

DOOR ID	SIZE (WIDE X HIGH X THICK)	DOOR				FRAME			FIRE RATING	REMARKS
		PROFILE	FACE	CORE	FINISH	MATERIAL	THRESHOLD	FINISH		
A	3'-0" x7'-0" x 1-3/4"	2	ALUM	TEMP GLS	MFR.	ALUM.	ALUM.	MFR.	- -	EXT. DR. w/ KEY SET, CLOSER
B	3'-0" x 6'-8" x 1-3/4"	1	G.STEEL	HOLLOW	PAINT	G.STEEL	- -	PNT	- -	EXT. DR. w/ KEY SET, CLOSER
C	3'-0" x 6'-8" x 1-5/8"	3	STEEL	SOLID	PAINT	G.STEEL	- -	PNT	45 MIN	INT. DR. w/ THRESHOLD, CLOSER
D	3'-0" x 6'-8" x 1-5/8"	1	STEEL	SOLID	PAINT	G.STEEL	- -	PNT	45 MIN	MACHINE RM DR w/ KEY SET, CLOSER
E	3'-0" x 6'-8" x 1-5/8"	1	STEEL	SOLID	PAINT	G.STEEL	- -	PNT	- -	INT. DR. w/ PRIVACY SET, CLOSER
F	3'-0" x 6'-8" x 1-5/8"	2	ALUM	TEMP GLS	MFR.	ALUM.	ALUM.	MFR.	- -	INT. DR. w/ KEY SET, CLOSER
G	3'-0" x 6'-8" x 1-5/8"	1 OR 3	BIRCH	SOLID	CLEAR	G.STEEL	- -	PNT	- -	INT. DR. w/ KEY SET

DOOR NOTES:

1. ALL WIND DESIGN PRESSURES AS PER ELEVATIONS.
2. ALL FIRE RATED DOORS TO HAVE CLOSERS.
3. ALL STEEL DOORS & FRAMES TO BE GALVINZED.
4. ALL INTERIOR DOORS & FRAMES TO BE EXTERIOR GRADE.
5. ALL DOORS WITH KEYSETS TO HAVE BOLT TYPE STRIKES.
6. ALL EXTERIOR DOOR FRAMES TO BE WELDED HOLLOW FRAMES.
7. ALL EXTERIOR DOOR FRAMES TO HAVE THRESHOLDS, CLOSERS & WEATHER STRIPPING.

DOOR PROFILES:

PROFILE 1 PROFILE 2 PROFILE 3

INTERIOR FINISHES:

1. FLOORS: IN THE OFFICES: NON-SLIP VINYL w/ VINYL BASE BOARD. STYLE & COLOR BY OWNER; IN HANGAR: NON=SLIP, SW EPOXY. COLOR BY OWNER;
2. INTERIOR WALLS & INSIDE OFFICE EXTERIOR WALLS: TO BE COMPLETED w/ PNTD 1 PRIMER, (2) FINISH SATIN LATEX;
3. INTERIOR FRAMED WALLS ON HANGAR SIDE: 1 PRIMER, (2) FINISH SATIN LATEX. HANGAR WALLS PER STEEL BUILDING MANUFACTURER;
4. VINYL BASE BOARDS WHERE GYPSUM FINISHED WALLS:
5. CEILING: A.C.T. IN SUITES & 2ND FLOOR CORRIDOR AT 9'-6" AFF;
6. OFFICES: ALL EXTERIOR WINDOW JAMBS & HEADERS TO BE DRYWALL RETURNS & ADD NEW CULTURED MARBLE WINDOW SILLS;
7. 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 WC'S, PROVIDE WOOD BUCK BACKED, GRAB BARS IN EACH RESTROOM. BULL-NOSE TILE ALL EXPOSED EDGES. COLOR BY CLIENT.

NEW ACOUSTIC CEILING TILES TO BE:

ROCKFON #660 TEGULAR EDGE. 2x2 White
2'x 2'x 15/16" STANDARD GALVANIZED WHITE TEE-BAR GRID SYSTEM

FBC 2023 8th ED., 808.1.1.1 SUSPENDED ACOUSTICAL CEILINGS. SUSPENDED ACOUSTICAL CEILING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF ASTM C 635 AND ASTM C 636.

ASTM C 635 COVERS METAL CEILING SUSPENSION SYSTEMS USED PRIMARILY TO SUPPORT ACOUSTICAL TILE OR ACOUSTICAL LAY-IN PANELS. SUSPENSION SYSTEMS STRUCTURAL CLASSIFICATIONS, AS DESCRIBED BELOW:

THIS SYSTEM TO BE AN INTERMEDIATE-DUTY SYSTEMS CEILING, DUE TO ANTICIPATED LIGHT FIXTURES AND AIR DIFFUSER LOAD.

ASTM C 636 COVERS THE INSTALLATION OF SUSPENSION SYSTEMS FOR ACOUSTICAL TILE AND LAY-IN PANELS.

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OSCEOLA PROJECT
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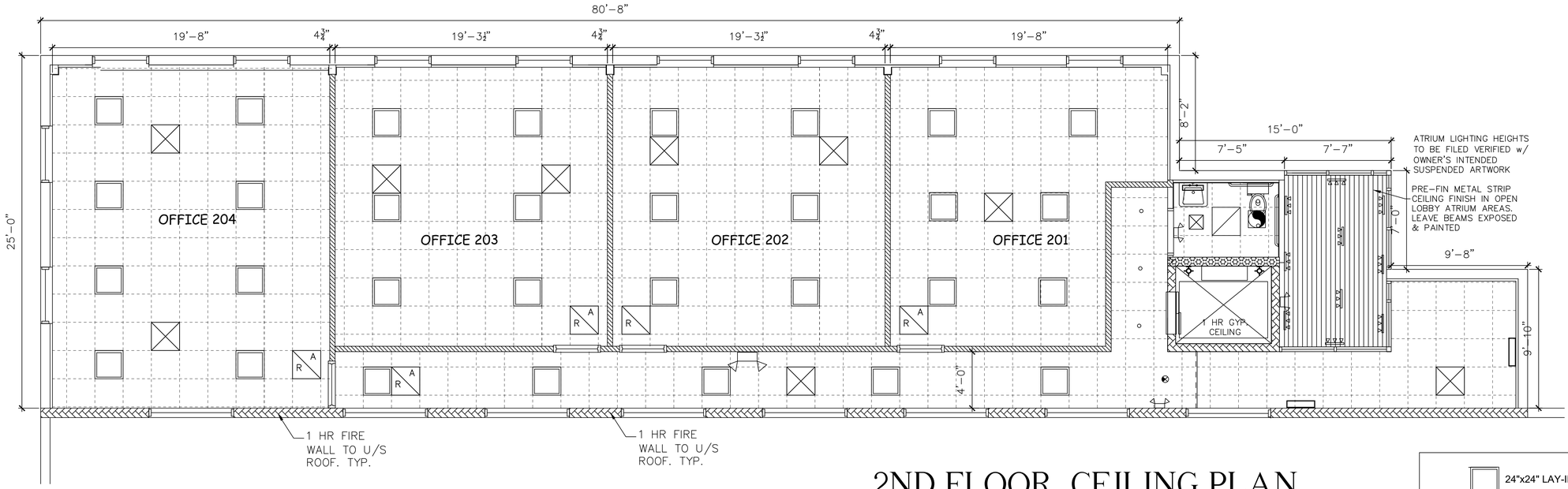
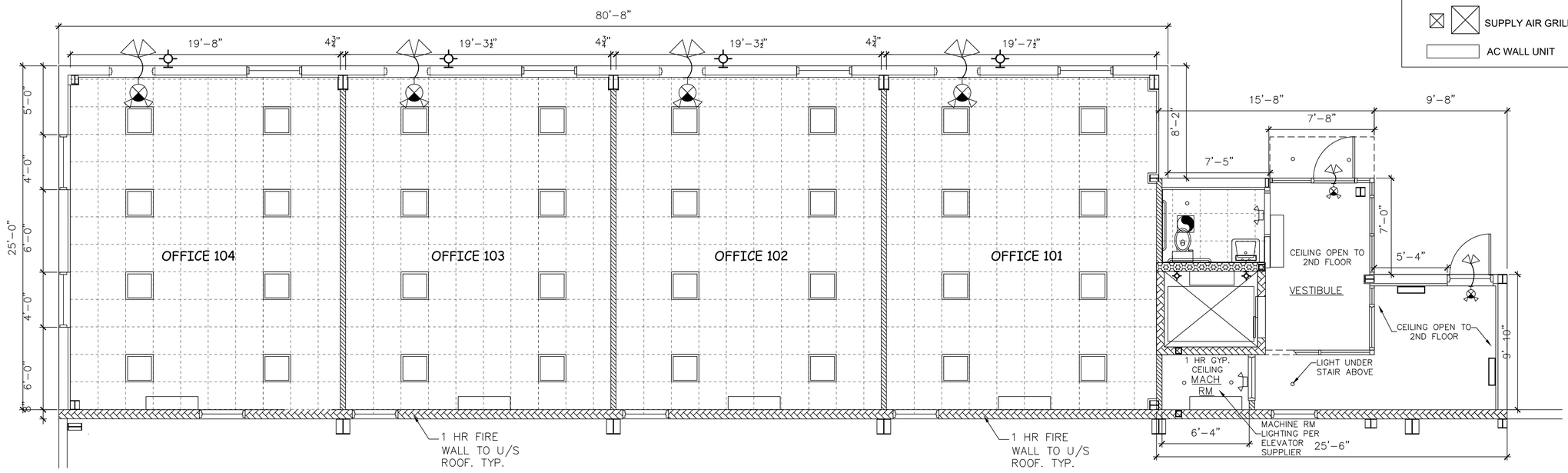


2ND FLOOR CEILING PLAN

PARTIAL PLAN ROTATED 90° SCALE: 1/4"=1'-0"



1ST FLOOR CEILING PLAN

PARTIAL PLAN ROTATED 90° SCALE: 1/4"=1'-0"

24"x24" LAY-IN LED LIGHT

CEILING LED LIGHT

UNIVERSAL LED LIGHT

EXIT & EMERG LIGHT COMBO

EMERG LIGHT COMBO

SEE ELECRICAL FOR LIGHT FIXTURES

A / R RETURN AIR GRILL

SUPPLY AIR GRILL

AC WALL UNIT

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OSCEOLA PROJECT
STUART AIRPORT

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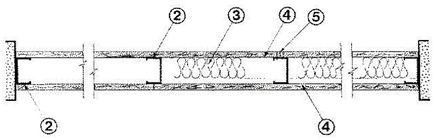
SEAL

A-8

Design No. U465
March 23, 2009

Nonbearing Wall Rating — 1 HR.



1. **Floor and Ceiling Runners —** (not shown) — Channel shaped runners, 3-5/8 in. wide (min), 1-1/4 in. legs, formed from min No. 25 MSG galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

1A. **Framing Members*— Floor and Ceiling Runners —** (Not shown) — As an alternate to Item 1 - Channel shaped, min. 3-5/8 in. wide, attached to floor and ceiling with fasteners 24 in. OC. max.

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME Framing System

1B. **Framing Members - Floor and Ceiling Runner* —** Not shown - In lieu of Item 1 — For use with Item 2B, proprietary channel shaped runners, 1-1/4 in. deep by 3-5/8 in. wide fabricated from min 0.0200 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

MARINO\WARE A DIV OF WARE INDUSTRIES

INC — Viper20S™ Track, Viper20D™ Track

2. **Steel Studs —** Channel shaped, 3-5/8 in. wide (min), 1-1/4 in. legs, 3/8 in. folded back returns, formed from min No. 25 MSG galv steel spaced 24 in. OC max. Studs to be cut 3/4 in. less than assembly height.

2A. **Framing Members*— Steel Studs —** As an alternate to Item 2 - Channel shaped studs, min. 3-5/8 in. wide, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME Framing System

2B. **Framing Members - Metal Studs* —** Not shown - In lieu of Item 2 — For use with Item 1B, proprietary channel shaped steel studs, 1-1/4 in. deep by 3-5/8 in. wide fabricated from min 0.0200 in. thick galv steel. Studs 3/4 in. less in lengths than assembly heights.

MARINO\WARE A DIV OF WARE INDUSTRIES

INC — Viper20S™, Viper20D™

3. **Batts and Blankets* —** (Optional) — Mineral wool or glass fiber batts partially or completely filling stud cavity.

See Batts and Blankets (BZJZ) category for names of Classified companies.

3A. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 3) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 3.0 lb/ft^3. Alternate application method: The fiber is applied with U.S. Greenfiber LLC Type AD100 hot melt adhesive at a nominal ratio of one part adhesive to 6.6 parts fiber to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 2.5 lb/ft^3.

U S GREENFIBER L L C — Cocoon2 Stabilized or Cocoon-FRM (Fire Rated Material)

3B. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 3) and Item 3A - Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.

NU-WOOL CO INC — Cellulose Insulation

4. **Gypsum Board* —** 5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long, Type S steel screws spaced 8 in. OC. along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly. When attached to item 6 (resilient channels) or 6A (furring channels), wallboard is screw attached to furring channels with 1 in. long, Type S steel screws spaced 12 in. OC.

AMERICAN GYPSUM CO — Types AG-C, AGX-1

CANADIAN GYPSUM COMPANY — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC or WRX.

CERTAINTEED GYPSUM INC — Types 1, EGRG, ProRoc Type X, ProRoc Type C.

NATIONAL GYPSUM CO — Types FSK, FSK-C, FSK-G, FSW-C, FSW-G, FSW, FSW-3, FSW-5, FSW-6.

UNITED STATES GYPSUM CO — Type AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX, USGX (Joint tape and compound, Item 5, optional for use with Type USGX).

4A. **Gypsum Board* —** (As alternate to Item 4) - Nom 5/8 in. thick gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Panels attached to steel studs and floor runner with 1 in. long Type S steel screws spaced 8 in. OC when applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. When used in widths other than 48 in., gypsum panels to be installed horizontally.

CANADIAN GYPSUM COMPANY — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC or WRX.

LAFARGE NORTH AMERICA INC — Type LGFC6A, LGFC-C/A

UNITED STATES GYPSUM CO — T ype AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX, , USGX (Joint tape and compound, Item 5, optional for use with Type USGX).

4B. **Gypsum Board* —** (As an alternate to Items 4 or 4A) — Nom 3/4 in. thick, 4 ft wide, installed as described in Item 4A with screw length increased to 1-1/4 in.

CANADIAN GYPSUM COMPANY — Types AR, IP-AR.

UNITED STATES GYPSUM CO — Types AR, IP-AR.

4C. **Gypsum Board* —** As an alternate to Items 4, 4A, 4B - Nom. 5/8 in. thick gypsum panels, with square edges, applied horizontally. Gypsum panels fastened to framing with 1 in. long bugle head steel screws spaced a max 8 in. OC, with last 2 screws 3/4 in. and 4 in. from each edge of board. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs on interior walls need not be staggered or backed by steel framing.

TEMPLE-INLAND FOREST PRODUCTS CORP — GreenGlass Type X.

4D. **Gypsum Board* —** As an alternate to Items 4, 4A, 4B, and 4C - Nom. 5/8 in. thick gypsum panels applied horizontally. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Gypsum panels fastened to framing with 1 in. long Type S steel screws 1-1/2 in. from board edges, 3 in. from board edge and every 8 in. OC in the field. Screws spaced a max 12 in. along the top and bottom edges of the wall.

5. **Joint Tape and Compound —** Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges.

6. **Resilient Channel —** (Optional-Not Shown) — 25 MSG galv steel resilient channels spaced vertically max 24 in. OC, flange portion attached to each intersecting stud with 1/2 in. long type S-12 panhead steel screws.

6A. **Steel Framing Members (Not Shown)* —** As an alternate to Item 3, furring channels and resilient sound isolation clip as described below:

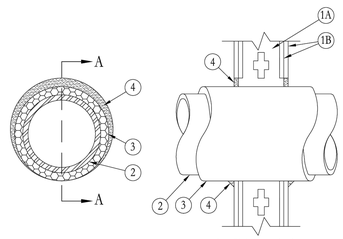
a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep.

b. **Steel Framing Members* —** Used to attach furring channels (Item a) to studs (Item 1). Clips spaced 48 in. OC., and secured to studs with 1-5/8 in. wafer or hex head Type S steel screw through the center grommet. Furring channels are friction fitted into clips.

B. **Steel Framing Members* —** Optional - Not Shown - Used as an alternate method to attach resilient channels (Item 6). Clips attached at each intersection of the resilient channel and the steel studs (Item 2). Resilient channels are friction fitted into clips, and then clips are secured to the stud with min. 1 in. long Type S-12 panhead steel screws through the center hole of the clip and the resilient channel flange.

*Bearing the UL Classification Mark

System No. W-L-5040
September 07, 2004
F Ratings – 1 and 2 Hr (See Item 1)
T Ratings – 1/4, 1/2 and 3/4 Hr (See Item 2)



SECTION A-L

1. **Wall Assembly** – The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Studs** – Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 3-5/8 in. wide and spaced max 24 in. OC.
   B. **Gypsum Board*** – Nom 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum wallboard type, number of layers, fastener type and sheet orientation shall be as specified in the individual Wall and Partition Design. Max diam of opening in wallboard layers is 7 in.

   The hourly F Rating of the firestop system is 1 hr when installed in a 1 hr fire rated wall and 2 hr when installed in a 2 hr fire rated wall.
2. **Through Penetrants** – One metallic pipe or tubing to be installed either concentrically or eccentrically within the firestop system. Pipe or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes or tubing may be used:
   A. **Steel Pipe** – Nom 4 in. diam (or smaller) Schedule 10 (or heavier) steel pipe. **When steel pipe is used, T Rating is 3/4 hr.**
   B. **Copper Tubing** – Nom 4 in. diam (or smaller) Type L (or heavier) copper tubing. **T Rating is 3/4 hr for copper tubing of nom 2 in. diam and smaller. For copper tubing greater than nom 2 in. diam, T Rating is 1/4 and 1/2 hr when installed in 1 and 2 hr rated walls, respectively.**
   C. **Copper Pipe** – Nom 4 in. diam (or smaller) Regular (or heavier) copper pipe. **T Rating is 3/4 hr for copper pipe of nom 2 in. diam and smaller. For copper pipe greater than nom 2 in. diam, T Rating is 1/4 and 1/2 hr when installed in 1 and 2 hr rated wall respectively.**
3. **Pipe Insulation – Plastics#** – Nom 3/4 in. thick acrylonitrile butadiene/polyvinyl chloride (AB/PVC) flexible foam furnished in the form of tubing. The annular space between the insulated pipe and the edge of the through opening shall be min zero in. (point contact) to max 1-1/4 in.

   See **Plastics#** (QMFZ2) category in the Recognized Component Directory for names of manufacturers. Any Recognized Component tube insulation material meeting the above specifications and having a UL94 Flammability Classification of 94-5VA may be used.
4. **Fill, Void or Cavity Materials* – Caulk or Sealant** – Min 5/8 in. thickness of caulk applied within the annular space, flush with each surface of wall. A min 1/2 in. diam bead of caulk shall be applied to the pipe insulation/ wallboard interface at the point contact location on both sides of wall.

   3M COMPANY – CP 25WB+ caulk or FB-3000 WT sealant

*Bearing the UL Classification Marking

This material was extracted and drawn by 3M Fire Protection Products from the 2007 edition of the UL Fire Resistance Directory.

3M Fire Protection Products
www.3m.com/firestop
W-L-5040 • 1 of 1
Product Support Line: **1-800-328-1687**
Choose option **4** for FAX ON DEMAND
515

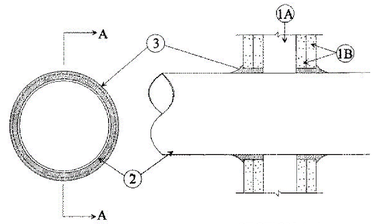
Through Penetrations | Insulated Pipes | 5000 Series | Gypsum | WL

System No. W-L-1075

November 29, 1995

F Rating — 2 Hr

T Rating — 0 Hr



SECTION A-A

1. **Wall Assembly —** The fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

   A. **Studs —** Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 2-1/2 in. wide and spaced max 24 in. OC.

   B. **Gypsum Board* —** Two layers of nom 5/8 in. thick gypsum wallboard, as specified in the individual Wall and Partition Design. Max diam of opening is 13-1/4 in.

2. **Through Penetrants —** One metallic pipe, conduit or tubing to be installed either concentrically or eccentrically within the firestop system. Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The annular space shall be min 0 in. to max 1/4 in. The following types and sizes of metallic pipes, conduits or tubing may be used:

   A. **Steel Pipe —** Nom 12 in. diam (or smaller) Schedule 10 (or heavier) steel pipe.

   B. **Iron Pipe —** Nom 12 in. diam (or smaller) cast or ductile iron pipe.

   C. **Conduit —** Nom 6 in. diam (or smaller) steel electrical metallic tubing or steel conduit.

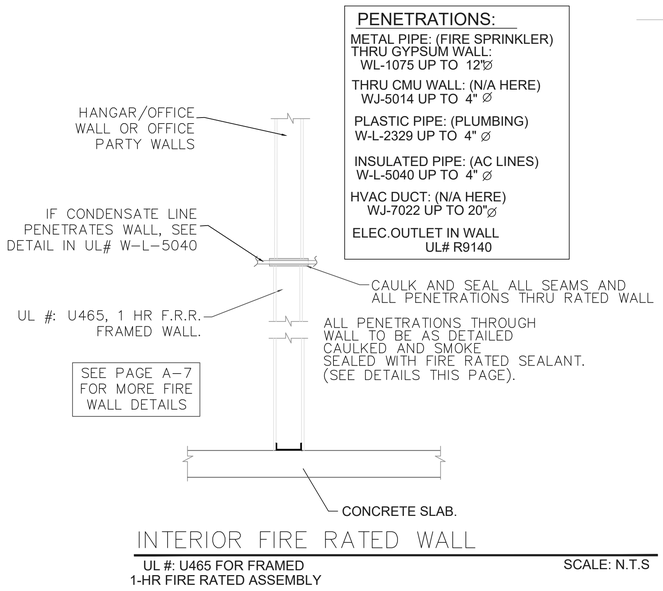
   D. **Copper Tubing —** Nom 6 in. diam (or smaller) Type L (or heavier) copper tubing.

   E. **Copper Pipe —** Nom 6 in. diam (or smaller) Regular (or heavier) copper pipe.

3. **Fill, Void or Cavity Material* — Caulk —** Fill material to be forced into the annulus to maximum extent possible. Additional fill material to be installed such that a min 1/2 in. crown is formed around the penetrating item and lapping 1/4 in. beyond the periphery of the opening.

RECTORSEAL — Metacaulk 950

*Bearing the UL Classification Mark



INTERIOR FIRE RATED WALL

UL #: U465 FOR FRAMED 1-HR FIRE RATED ASSEMBLY

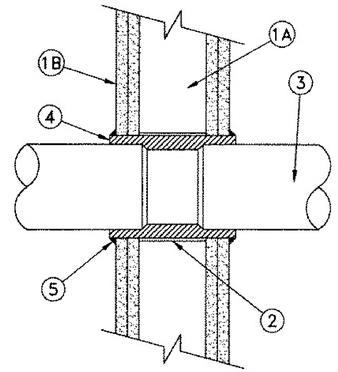
SCALE: N.T.S

System No. W-L-2329

November 05, 2002

F Rating — 1 & 2 Hr (See Item 1)

T Rating — 1 & 2 Hr (See Item 1)



1. **Wall Assembly —** The 1 or 2 hr fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Studs** — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 3-5/8 in. wide and spaced max 24 in. OC.
   B. **Gypsum Board*** — 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual Wall and Partition Design. Max dia. of opening is 5-3/4 in.

   The hourly F & T ratings of the fire stop system are equal to the hourly fire rating of the wall assembly in which it is installed.

2. **Metallic Sleeve** — Nom 3-5/8 in. long cylindrical sleeve fabricated from min 0.023 in. thick (24 gauge) galv sheet steel and having a min 1-1/4 in. lap along longitudinal seam. Sleeve to be centered over and tied with steel wires to the coupling (Item 4) prior to pipe installation.
3. **Nonmetallic Pipe —** Nom 3 or 4 in. diam, Schedule 40, solid core polyvinyl chloride (PVC) pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems. One pipe to be installed concentrically within the firestop system. The annular space between the coupling (Item 4) and the opening shall be 0 in. Pipe to be rigidly supported on both sides of wall assembly.
4. **Firestop Device* —** Nom 3 or 4 in. Intumescent coupling to be positioned and centered into the wall opening with ends protruding equally from both wall surfaces.

COBRI TECHNOLOGIES INC — Quickstop Coupling

5. **Fill, Void or Cavity Material* - Sealant —** Min 1/4 in. thick bead of sealant applied along the entire circumference of the coupling and wallboard interface on both sides of wall.

COBRI TECHNOLOGIES INC — Quickstop Sealant

*Bearing the UL Classification Mark

OUTLET BOXES & FITTINGS CLASSIFIED FOR FIRE RESISTANCE – 2 HRS OR LESS

UL#: R9140 NONMETALLIC OUTLET & SWITCH BOXES.

CLEARANCE BETWEEN BOXES & CUTOUTS IN WALL SHALL NOT EXCEED 1/8";
THE AREA OF OPENINGS FOR BOXES SHALL NOT AGGREGATE > 100 SQ IN./100 S.F. OF WALL OR PARTITION AREA, WITH NO OPENING EXCEEDING 22.0 SQ IN.;
OUTLET BOXES ON OPPOSITE SIDES OF WALL OR PARTITION SHALL BE SEPARATED BY HORIZONAL DISTANCE OF NOT LESS THAN 24".

BAYVIEW CONSTRUCTION SERVICES
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OSCEOLA PROJECT
STUART AIRPORT

START DATE:	04.15.24
NO	REVISION/ISSUE	DATE
1	1ST_REVISION	
2	2ND_REVISION	
3	3RD_REVISION	

CLIENT:

APP JET CENTER
2240 Witham Field Dr,
Stuart, FL 34996

REAL

A-9