SIGNATURE AVIATION

SIGNATURE STEWART (SWF) HANGAR

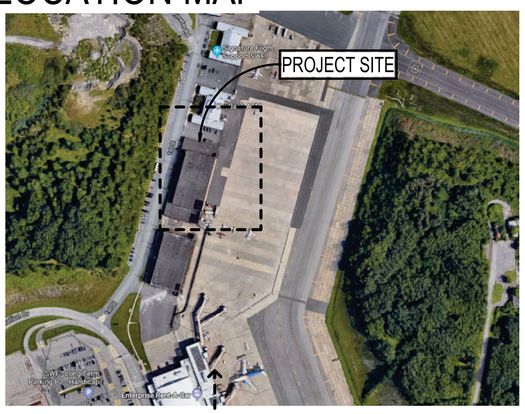
1188 1ST STREET, NEW WINDSOR, NY 12553

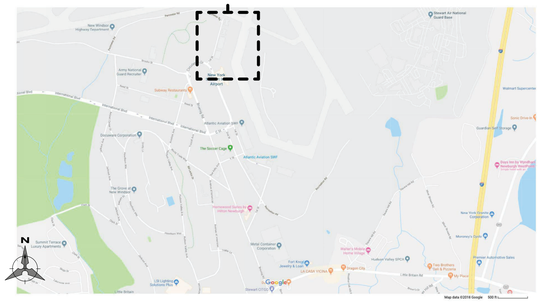
Design Team

Project Manager	Yonkers Industries
Architect of Record	HDg Architecture
Structural Engineering	BBM Structural
Mechanical Engineering	Thompson Engineering
Plumbing Engineering	Thompson Engineering
Electrical Engineering	AE Design
Civil Engineering	Moshen Design Group
Fire Protection	Veritas Fire Engineering

SUBMITTAL LOG	
DATE	DESCRIPTION
01-22-2024	SCHEMATIC DESIGN 30% SUBMITTAL
03-13-2024	CONSTRUCTION DOCUMENT 90% SUBMITTAL
05-08-2024	CONSTRUCTION DOCUMENT 95% SUBMITTAL
07-01-2024	PERMIT SET 100% SUBMITTAL

LOCATION MAP





SHEET INDEX

100% PERMIT SET

07/01/2024

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E201	ELECTRICAL LIGHTING PLAN - OFFICE / ELEC
E300	ELECTRICAL SECURITY PLAN
E600	ELECTRICAL ONE LINE DIAGRAM
E601	ELECTRICAL GROUNDING AND LOW VOLTAGE RISER
E700	ELECTRICAL SCHEDULES
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HDg Architecture
127 W. FAIRBANKS AVENUE, SUITE 140
WINTER PARK, FL 32789
(PH): 407-739-9000

SEAL

REVISIONS

MARK	DESCRIPTION	DATE

SIGNATURE STEWART (SWF) HANGAR

1188 1ST STREET, NEW WINDSOR, NY 12553

SIGNATURE AVIATION

SIGNATURE FLIGHT SUPPORT
13485 Veteran's Way Suite 600
Orlando, FL 32827

ISSUE DATE: 06/12/2024
COMM. NO.: 23715

DRAWN BY: HDG CHECKED BY: HDG

COVER SHEET

G000

7/1/2024 2:40:05 PM
Autodesk Docs://23715 - SWF Terminal and Hangar (Halle House)/23715 - SWF HANGAR_A_(R2023).rvt

ABREVIATIONS

A	
&	AND
@	AT
A/E	ARCHITECT / ENGINEER
AB	ANCHOR BOLT
AC	AIR CONDITIONING
ACC	ACCESSIBLE
ACOUST	ACOUSTICAL
ACT	ACOUSTIC CEILING TILE
AD	AREA DRAIN
AD	ACCESS DOOR
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AGGR	AGGREGATE
ALT	ALTERNATE
ALUM	ALUMINUM
ANOD	ANODIZED
APC	ACOUSTICAL PANEL CEILING
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
ASPH	ASPHALT
ATTN	ATTENTION
AUTO	AUTOMATIC
AV	AUDIOVISUAL
B	
BD	BOARD
BIT	BITUMINOUS
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BO	BOTTOM OF
BOB	BOTTOM OF BEAM
BOC	BOTTOM OF CURB
BOT	BOTTOM
BRG	BEARING
BRK	BRICK
BRKT	BRACKET
BSMNT	BASEMENT
BUR	BUILT UP ROOFING
C	
385	
C	CHANNEL
C/C	CENTER TO CENTER
CAB	CABINET
CAT	CATEGORY
CB	CATCH BASIN
CB	CEMENT BOARD
CBU	CEMENTITIOUS BACKER UNIT
CCTV	CLOSED CIRCUIT TELEVISION
CEM	CEMENT
CER	CERAMIC
CG	CORNER GUARD
CH	CHILLER
CI	CAST IRON
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
COND	CONDITION
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR
CPT	CARPET
CT	CERAMIC TILE
CTR	CENTER
CTSK	COUNTERSUNK
CUST	CUSTODIAL
CW	COLD WATER
D	
D	DEEP, DEPTH
DBL	DOUBLE
DEG	DEGREE
DEMO	DEMOLISH OR DEMOLITION
DEMO	DEMOLITION
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIFF	DIFFUSER
DIM	DIMENSION
DIMS	DIMENSIONS
DISP	DISPENSER
DIV	DIVISION
DMPF	DAMP PROOFING
DN	DOWN
DO	DOOR OPENING
DR	DOOR
DRN	DRAIN
DS	DOWNSPOUT
DTL	DETAIL
DW	DISHWASHER
DWG	DRAWING
DWR	DRAWER
E	
E	EAST
EA	EACH

ABREVIATIONS

EB	EXPANSION BOLT
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSURE
ENG	ENGINEER
EP	ELECTRICAL PANEL
EPDM	ETHYLENE PROPYLENE DIENE M-CLASS
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
F	
FA	FIRE ALARM
FB	FACE BRICK
FD	FLOOR DRAIN OR FIRE DEPARTMENT
FDC	FIRE DEPARTMENT CONNECTION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF&E	FURNITURE, FIXTURES AND EQUIPMENT
FFB	FLUSH FLOOR BOX
FFEL	FINISH FLOOR ELEVATION
FH	FULL HEIGHT OR FLAT HEAD
FHC	FIRE HOSE CABINET
FIN	FINISH
FIXT	FIXTURE
FLASH	FLASHING
FLR	FLOOR
FLUOR	FLUORESCENT
FND	FOUNDATION
FO	FACE OF OR FINISHED OPENING
FP	FIRE PROTECTION
FPG	FIREPROOFING
FR	FIRE RESISTANT
FRC	FIBER REINFORCED CONCRETE
FRP	FIBER REINFORCED PLASTIC
FRT	FIRE RETARDANT TREATED
FS	FLOOR SINK
FT	FEET/FOOT
FTG	FOOTING
FURN	FURNITURE
FURR	FURRING
FWC	FABRIC WALL COVERING
FWP	FABRIC WRAPPED PANEL
G	
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACT(OR)
GEN	GENERAL
GFRC	GLASS FIBER REINFORCED CONCRETE
GL	GLASS
GLAZ	GLAZING
GR	GRADE
GRAN	GRANULAR
GRD	GROUND
GRFG	GLASS FIBER REINFORCED GYPSUM
GSM	GALVANIZED SHEET METAL
GV	GAS VALVE
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
H	
H	HIG
HB	HOSE BIB
HC	HANDICAPPED OR HOLLOW CORE
HDWD	HARDWOOD
HDWR	HARDWARE
HGT	HEIGHT
HM	HOLLOW METAL
HNDRL	HANDRAIL
HO	HOLD OPEN
HORIZ	HORIZONTAL
HP	HIGH POINT
HR	HOUR
HRC	HOSE REEL CABINET
HT	HEIGHT
HTG	HEATING
HVAC	HEATING VENTILATION & AIR CONDITIONING
HW	HOT WATER
I	
ID	INSIDE DIAMETER
IN	INCH/INCHES
INCAND	INCANDESCENT
INCL	INCLUDED/INCLUDING
INFO	INFORMATION
INSUL	INSULATED OR INSULATION
INT	INTERIOR
INTERM	INTERMEDIATE
INV	INVERT
J	
JAN	JANITOR
JC	JANITOR'S CLOSET
JST	JOIST
JT	JOINT
K	
KIT	KITCHEN
KO	KNOCK OUT
L	
LAM	LAMINATE
LAV	LAVATORY
LB	POUND
LF	LINEAR FEET
LLH	LONG LEG HORIZONTAL

ABREVIATIONS

LLV	LONG LEG VERTICAL
LT	LIGHT
LTG	LIGHTING
LTWT	LIGHTWEIGHT
LVL	LEVEL
LVR	LOUVER
M	
MAINT	MAINTENANCE
MAS	MASONRY
MAT	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MECH	MECHANICAL
MED	MEDIUM
MEMBR	MEMBRANE
MEZZ	MEZZANINE
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MR	MOISTURE RESISTANT
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MULL	MULLION
N	
N	NORTH
NA	NOT APPLICABLE
NC	NOISE CRITERIA
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NR	NON RATED
NTS	NOT TO SCALE
O	
OFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
OA	OUTSIDE AIR
OC	ON CENTER
OD	OUTSIDE DIAMETER
OD	OVERFLOW DRAIN
OF	OWNER FURNISHED
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFF	OFFICE
OFOI	OWNER FURNISHED, OWNER INSTALLED
OH	OVERHEAD
OPNG	OPENING
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
ORIG	ORIGINAL
P	
P	PAINT
PAV	PAVING
PBD	PARTICLE BOARD
PC	PRECAST
PDF	POWER DRIVEN FASTENER
PERF	PERFORATED
PERIM	PERIMETER
PERP	PERPENDICULAR
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PLF	POUNDS PER LINEAR FOOT
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT OR PAINTED
POL	POLISHED
PR	PAIR
PREFAB	PREFABRICATED
PROJ	PROJECT
PSF	POUNDS PER SQUARE FOOT
PT	POINT
PT	PRESSURE TREATED
PTD	PAINTED
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
Q	
QT	QUARRY TILE
QTY	QUANTITY
R	
R	RADIUS/RISER
RA	RETURN AIR
RAD	RADIUS
RB	RESILIENT BASE
RBR	RUBBER
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REC	RECESSED
RECPT	RECEPTACLE
REF	REFERENCE
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCED REINFORCING
REINF	REINFORCED
REL	RELOCATE
REM	REMOVABLE
REQ	REQUIRE/REQUIRED
REQD	REQUIRED
RESIL	RESILIENT
REV	REVISION/REVISED
RM	ROOM
RO	ROUGH OPENING
RTD	RATED
RTG	RATING
RWL	RAIN WATER LEADER

ABREVIATIONS

S	
S	SOUTH
SA	SUPPLY AIR
SAF	SELF ADHERED FLASHING
SC	SOLID CORE
SCHED	SCHEDULE
SD	STORM DRAIN
SECT	SECTION
SF	SQUARE FEET/FOOT
SH	SPRINKLER HEAD
SHR	SHOWER
SHT	SHEET
SIM	SIMILAR
SJ	SAW JOINT
SM	SHEET METAL
SM	SURFACE MOUNTED
SP	STANDPIPE
SPEC	SPECIFIED OR SPECIFICATION
SPK	SPRINKLE
SPKR	SPEAKER
SQ	SQUARE
SS	STAINLESS STEEL
SSK	SERVICE SINK
STA	STATION
STC	SOUND TRANSMISSION COEFFICIENT
STL	STEEL
STOR	STORAGE
STRG	STRINGER
STRUCT	STRUCTURAL
STRUCT	STRUCTURE OR STRUCTURAL
SUBCAT	SUBCATEGORY
SUSP	SUSPENDED
SYM	SYMMETRICAL
SYS	SYSTEM
T	
T	TREAD
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TB	TOWEL BAR
TDC	TRAFFIC DECK COATING
TEL	TELEPHONE/TELECOM
TELE	TELEPHONE
TEMP	TEMPORARY
THK	THICKNESS
THRU	THROUGH
TKBD	TACK BOARD
TLT	TOILET
TMPD	TEMPERED
TO	TOP OF
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE OR TOP OF CURB
TOS	TOP OF STEEL
TOW	TOP OF WALL
TS	TUBE STEEL
TV	TELEVISION
TYP	TYPICAL
U	
UL	UNDERWRITERS LABORATORY
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
URNL	URINAL
V	
VAC	VENTILATION AND AIR CONDITIONING
VAR	VARIES
VCT	VINYL COMPOSITION TILE
VER	VERIFY
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VP	VISION PANEL
VR	VAPOR RETARDER
VT	VINYL TILE
VWC	VINYL WALL COVERING
W	
W	WIDE OR WEST
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
WIN	WINDOW
WM	WIRE MESH
WP	WATERPROOF OR WATERPROOFING
WPM	WATERPROOF MEMBRANE
WS	WEATHER-STRIPPING
WSCT	WAINSCOT
WT	WEIGHT
WV	WATER VALVE
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH
Y	
YR	YEAR

1. EACH CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN ON THE DRAWINGS AND OBTAIN ALL MEASUREMENTS REQUIRED FOR PROPER EXECUTION OF WORK. WHEN VERIFICATION OF EXISTING DIMENSIONS IS REQUIRED, THE CONTRACTOR REQUIRING SAID VERIFICATION FOR THE CONSTRUCTION OR FABRICATION OF HIS MATERIAL SHALL BE THE CONTRACTOR RESPONSIBLE FOR THE PROCUREMENT OF THE FIELD INFORMATION.

2. PROVIDE ALL WOOD BLOCKING NECESSARY FOR THE ATTACHMENT OF MISCELLANEOUS EQUIPMENT INCLUDING BUT NOT LIMITED TO TOILET ACCESSORIES, DOOR HARDWARE, ELECTRICAL DEVICES, LABORATORY EQUIPMENT, GRAB BARS, HANDRAILS, CASEWORK, MILLWORK, TV AND ARTWORK.

3. THE TRANSITION OF DIFFERENT FLOORING MATERIALS AT A DOORWAY SHALL OCCUR AT THE CENTERLINE OF DOOR UNLESS INDICATED OTHERWISE.

4. ALL WALL SURFACES, DOOR FRAMES, BULKHEADS AND CEILINGS SHALL RECEIVE PAINT WHEN PAINT IS INDICATED ON THE FINISH SCHEDULE OR FINISH PLANS. PAINT SURFACES BEHIND MOVABLE EQUIPMENT AND FURNITURE SAME AS SIMILAR EXPOSED SURFACES. PAINT SURFACES BEHIND PERMANENTLY FIXED EQUIPMENT OR FURNITURE WITH PRIME COAT ONLY BEFORE FINAL INSTALLATION OF EQUIPMENT. PAINT ALL MECHANICAL AND ELECTRICAL EQUIPMENT EXPOSED IN FINISHED SPACES UNLESS INDICATED OTHERWISE.

5. REPAIR ALL SURFACES DAMAGED BY RENOVATION AND NEW CONSTRUCTION TO MATCH EXISTING ADJACENT OR CONTIGUOUS FINISH.

6. ALL CUTTING AND PATCHING AS A RESULT OF NEW CONSTRUCTION OR NEW PROJECT SHALL BE PERFORMED IN A WORKMANLIKE MANNER, AND SHALL MATCH IN COLOR, SHAPE, SIZE AND TEXTURE ADJACENT AND/OR CONTIGUOUS FINISHED SURFACES.

7. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED MEASUREMENTS. DO NOT SCALE DRAWINGS.

8. DETAILED DRAWINGS AND LARGER SCALE DRAWINGS TAKE PRECEDENCE OVER SMALL SCALE DRAWINGS.

9. UNLESS OTHERWISE NOTED, PLAN DIMENSIONS ARE TAKEN FROM FACE OF CMU OR CONCRETE TO FACE OF WALL, OR FACE OF WALL TO FACE OF WALL.

10. DOORS NOT OTHERWISE DIMENSIONED SHALL BE 8" FROM FACE OF ADJACENT CMU OR CONCRETE WALL TO ROUGH DOOR OPENING, AND 4" FROM FACE OF ADJACENT STUD WALL TO ROUGH DOOR OPENING.

11. FOR CONSTRUCTION DETAILS NOT SHOWN, USE THE PRODUCT MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS AND STANDARD DETAILS, IN STRICT ACCORDANCE WITH THE PROJECT SPECIFICATION REQUIREMENTS AND DESIGN INTENT.

12. PROVIDE FIRE EXTINGUISHERS (FE) AND FIRE EXTINGUISHER CABINETS (FEC) AS INDICATED ON THE PLANS. PROVIDE TYPE AND SIZE AS SPECIFIED.
MOUNT AT 42" AFF TO TOP OF FE AND 48" AFF TO TOP OF FEC. IN HANGARS, PROVIDE 'BC' FIRE EXTINGUISHERS.

GENERAL NOTES - ARCHITECTURE

COORDINATE WITH OWNER REPRESENTATIVE AND /OR WITH OWNER & AIRPORT OPERATIONS REPRESENTATIVE THE PHASING OF ALL WORK.

TO OCCUR WITH A MINIMUM OF OPERATIONAL DISRUPTION TO OTHER OCCUPIED ADJACENT BUILDINGS. COORDINATE ALL WORK REQUIRED TO CONNECT TO EXISTING UTILITIES WITH THE OWNERS REPRESENTATIVE.

COORDINATE LOCATION AND SIZE OF ALL REQUIRED OPENINGS IN EXISTING FLOOR SYSTEM WITH ARCHITECTURAL FLOOR PLAN AND WITH M.E.P. DRAWINGS.

GENERAL CONTRACTOR AND HIS/HER SUB-CONTRACTORS SHALL COMPLYWITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATORY AGENCIES AND THEIR CODES AND REGULATIONS FOR NEW CONSTRUCTION.

CONTRACTOR SHALL PROTECT ALL STRUCTURAL MEMBERS FROM DAMAGE.

PRIOR TO REMOVAL OR CUTTING OF OPENINGS THROUGH STRUCTURAL WALLS, SLABS, AND ROOF DECKS, CONTRACTOR WILL PROVIDE ADEQUATE SHORING FOR FLOORS AND OTHER STRUCTURAL LOADS. SUPPORTS SHALL NOT BE REMOVED UNTIL NEW STRUCTUAL SYSTEM IS IN PLACE. CARE SHALL BE TAKEN SO AS NOT TO DAMAGE OR ALTER ANY EXISTING STRUCTURAL MEMBERS. THE ARCHITECT AND OWNER SHALL BE NOTIFIED IMMEDIATELY IF ANY DAMAGE OCCURS OR DISCOVERED.

G.C. IS TO PROVIDE DUST BARRIERS TO PROTECT STORED MATERIALS ON SITE IN LOCATIONS AS COORDINATED WITH THE FACILITIES OWNER REPRESENTATIVE.

EXISTING UTILITIES ARE TO BE MAINTAINED DURING CONSTRUCTION. G.C. SHALL NOTIFY OWNER SERVICES REPRESENTATIVE OF ANY DISRUPTIONS 48 HRS. IN ADVANCE AND PROVIDE INTERIM UTILITIES AS REQUIRED.

CONTRACTORS STORAGE AND STAGING AREAS ON SITE SHALL BE AS DIRECTED BY THE AIRPORT FACILITIES MANAGER / REPRESENTATIVE.

LOCATE EXISTING UNDERGROUND UTILITIES IN THE AREAS OF WORK. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE ADEQUATE MEANS OF PROTECTION DURING EARTHWORK OPERATIONS. SHOULD UNCHARTED OR INCORRECTLY CHARTED PIPING OR OTHER UTILITES BE ENCOUNTERED DURING EXCAVATION, CONSULT THE ARCHITECT IMMEDIATELY FOR DIRECTIONS AS TO PROCEDURE. COOPERATE WITH OWNER AND UTILITY COMPANIES IN KEEPING RESPECTIVE SERVICES AND FACILITIES IN OPERATION. THE CONTRACTOR SHALL BEAR ALL EXPENSES OF REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE EXECUTION OF THE WORK. INACTIVE OR ABANDONED UTILITES SHALL BE CAPPED IN ACCORDANCE WITH LOCAL RESTRICTIONS. REMOVE INACTIVE SERVICES (PLUMBING, MECHANICAL, ELECTRICAL, ETC.) AS REQUIRED TO MAINTAIN OPERATION.

ALL ELECTRICAL, MECHANICAL AND PLUMBING SERVICES LOCATED IN WALLS, CEILINGS, OR FLOORS TO BE REMOVED SHALL BE CAPPED AND REROUTED AS REQUIRED FOR NEW CONDITIONS AND IN ACCORDANCE WITH APPLICABLE CODES. SEE MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.

CONTRACTOR SHALL PROVIDE ALL NECESSARY NEW PLUMBING, MECHANICAL AND ELECTRICAL WORK AS REQUIRED.COORDINATE WITH CONSTRUCTION DOCUMENTS FOR NEW CONSTRUCTION.

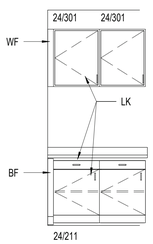
IN AREAS WHERE NEW FLOOR FINISHES ARE SCHEDULED OR INDICATED, REMOVE ALL EXISTING FLOOR FINISHES & PREPARE AND CLEAN SLAB TO RECEIVE NEW FLOOR FINISHES IN ACCORDANCE WITH THE NEW FLOOR FINISH MANUFACTURERS' WRITTEN RECOMMENDATIONS UNLESS NOTED OTHERWISE. PROPER PREPARATION OF EXISTING SURFACES SHALL INCLUDE, BUT NOT BE LIMITED TO, REMOVAL OF ACCUMULATED ADHESIVES & MASTICS, FILLING AND REPAIR OF CRACKS & VOIDS, SURFACE RESTORATION, THOROUGH CLEANING, ETC. & OTHER PROCEDURES AS MAY BE RECOMMENDED BY MANUFACTURER OF NEW FLOORING.

REMOVE ALL EXISTING WALL FINISHES ON PARTITIONS DESIGNATED TO REMAIN AND PATCH AND REPAIR ALL WALLS UNLESS NOTED OTHERWISE. COORDINATE WITH CONSTRUCTION DOCUMENTS FOR NEW CONSTRUCTION IN ACCORDANCE WITH SPECIFICATION SECTIONS RELATED TO CUTTING AND PATCHING, UNLESS NOTED OTHERWISE.

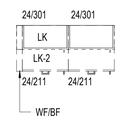
REMOVE FROM BUILDING SITE DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS. TRANSPORT AND LEGALLY DISPOSE OF OFF SITE. PROVIDE THE OWNER WITH THE RIGHT OF FIRST REFUSAL FOR ITEMS THAT MAY BE SALVAGED OR RE-USED. LEGALLY DISPOSE OF ALL ITEMS THAT OWNER REFUSES. DO NOT BURN WASTE OR DEBRIS. DO NOT USE OWNER'S DUMPSTERS, TRASH RECEPTACLES, OR OTHER FACILITIES FOR DISPOSAL OF TRASH, DEBRIS, OR OTHER WASTE. ALL CONSTRUCTION DEBRIS IS TO BE REMOVED DAILY.

GENERAL NOTES

CASEWORK ELEVATION LEGEND



CASEWORK PLAN LEGEND



NOTE:
STANDARD CASEWORK MAY BE INDICATED IN PLAN OR ELEVATION. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION ON CONSTRUCTION & MATERIALS. REFER TO PLANS AND DETAILS FOR NON-STANDARD CASEWORK & MILLWORK CONSTRUCTION AND DETAILING.

CASEWORK TAG LEGEND

INDICATES WIDTH OF CABINET IN INCHES — 24 / 211 — INDICATES CABINET DESIGN SERIES STANDARD DESIGNATIONS BY ARCHITECTURAL WOODWORK INSTITUTE. SEE SPECIFICATIONS.

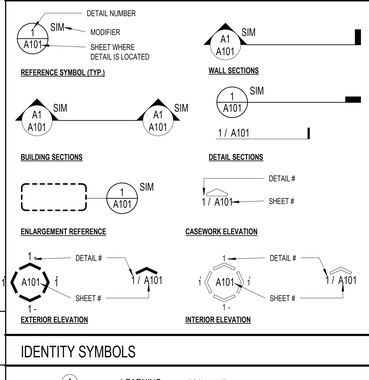
AF	ACCESSORY FILLER PANEL
BF	BASE CABINET FILLER PANEL
FF	FULL HEIGHT CABINET FILLER PANEL
WF	WALL CABINET FILLER PANEL
LK	DRAWER / DOOR LOCK
FP	FINISHED PANEL

ALL BASE CABINETS 24" DEEP U.N.O.
ALL WALL CABINETS 12" DEEP U.N.O.
ALL FULL HEIGHT CABINETS 24" DEEP U.N.O.

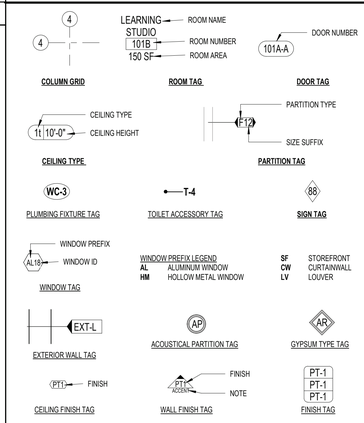
CASEWORK LEGEND

DRAWING CONVENTIONS

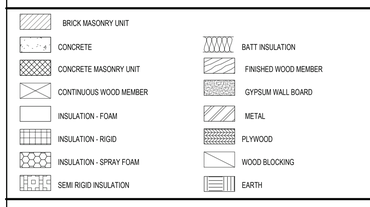
REFERENCE SYMBOLS



IDENTITY SYMBOLS

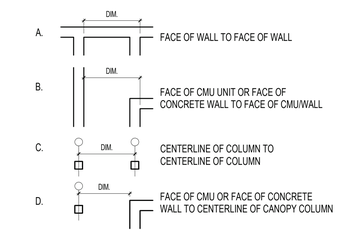


MATERIAL LEGEND



DIMENSIONING

1. DOORS NOT OTHERWISE DIMENSIONED SHALL BE:
   A. 8" FROM FACE OF ADJACENT MASONRY WALL TO ROUGH DOOR OPENING.
   B. 4" FROM FACE OF ADJACENT STUD WALL TO ROUGH DOOR OPENING.
2. SEE LARGE SCALE DETAILS FOR LOCATIONS AND ALIGNMENTS OF PARTITIONS NOT DIMENSIONED ON FLOOR PLANS.
3. UNLESS OTHERWISE NOTED, PLAN DIMENSIONS ARE TAKEN FROM:



DRAWING CONVENTIONS

HDg Architecture
127 W. FAIRBANKS AVENUE, SUITE 140
WINTER PARK, FL 32789
(PH): 407-739-9000

SEAL

REVISIONS

MARK	DESCRIPTION	DATE

KEY PLAN

SIGNATURE STEWART (SWF)
HANGAR

1188 1ST STREET, NEW WINDSOR, NY 12553

SIGNATURE AVIATION

SIGNATURE FLIGHT SUPPORT
13485 Veteran's Way Suite 600
Orlando, FL 32827

ISSUE DATE: 06/12/2024
COMM. NO.: 23715

DRAWN BY: Author CHECKED BY: Checker

GENERAL INFORMATION AND ABBREVIATIONS

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303: CHANGES IN LEVEL

303.1 GENERAL. WHERE CHANGES IN LEVEL ARE PERMITTED IN FLOOR OR GROUND SURFACES , THEY SHALL COMPLY WITH 303.

303.2 VERTICAL. CHANGES IN LEVEL OF 1/4 INCH HIGH MAXIMUM SHALL BE PREMITTED TO BE VERTICAL.

FIGURE 303.2 VERTICAL CHANGE IN LEVEL

303.3 BEVELED. CHANGES IN LEVEL BETWEEN 1/4 INCH HIGH MINIMUM AND 1/2 INCH HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2

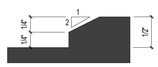


FIGURE 303.3 BEVELED CHANGE IN LEVEL

303.4 RAMPS. CHANGES IN LEVEL GREATER THAN 1/2 INCH HIGH SHALL BE RAMPED, AND SHALL COMPLY WITH 405 OR 406.

ADA - CHANGE IN LEVEL

307 PROTRUDING OBJECTS

307.1 GENERAL. PROTRUDING OBJECTS SHALL COMPLY WITH 307

307.2 PROTRUSION LIMITS. OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES AND NOT MORE THAN 80 INCHES ABOVE FINISHED FLOOR OR GROUND SHALL PROTRUDE 4 INCHES MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH.

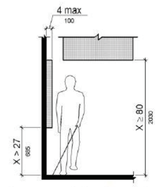


Figure 307.2 Limits of Protruding Objects

307.4 VERTICAL CLEARANCE. VERTICAL CLEARANCE SHALL BE 80 INCHES HIGH MINIMUM. GUARDRAILS OR OTHER BARRIERS SHALL BE PROVIDED WHERE THE VERTICAL CLEARANCE IS LESS THAN 80 INCHES HIGH. THE LEADING EDGE OF SUCH GUARDRAIL OR BARRIERS SHALL BE LOCATED 27 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.

EXCEPTION: DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

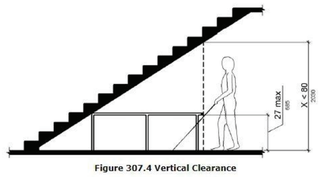


Figure 307.4 Vertical Clearance

ADA - PROTRUDING OBJECTS

308 REACH RANGES

308.1 GENERAL. REACH RANGES SHALL COMPLY WITH 308

308.2.1. UNOBSTRUCTED. WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

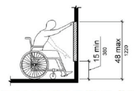


Figure 308.2.1 Unobstructed Forward Reach

308.2.2 OBSTRUCTED HIGH REACH. WHERE A HIGH FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NO LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48 INCHES MAXIMUM WHERE THE REACH DEPTH IS 20 INCHES. WHERE REACH DEPTH EXCEEDS 20 INCHES, THE HIGH FORWARD REACH SHALL BE 44 INCHES MAXIMUM AND THE REACH DEPTH SHALL BE 25 INCHES MAXIMUM.

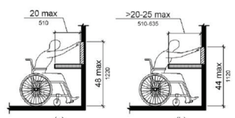


Figure 308.2.2 Obstructed High Forward Reach

308.3 SIDE REACH.

308.3.1 UNOBSTRUCTED. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE SIDE REACH IS UNOBSTRUCTED, THE HIGH SIDE REACH SHALL BE 48 INCHES MAXIMUM AND THE LOW SIDE REACH SHALL BE 15 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

EXCEPTIONS: 1. AN OBSTRUCTION SHALL BE PERMITTED BETWEEN THE CLEAR FLOOR OR GROUND SPACE AND THE ELEMENT WHERE THE DEPTH OF THE OBSTRUCTION IS 10 INCHES.

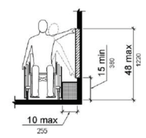


Figure 308.3.1 Unobstructed Side Reach

308.3.2 OBSTRUCTED HIGH REACH. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE HIGH SIDE REACH IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 34" MAXIMUM AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24 INCHES MAXIMUM. THE HIGH SIDE REACH SHALL BE 48 INCHES MAXIMUM FOR A REACH DEPTH OF 10 INCHES MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 10 INCHES, THE HIGH SIDE REACH SHALL BE 46 INCHES MAXIMUM FOR A REACH DEPTH OF 24 INCHES MAXIMUM.

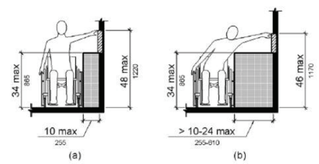
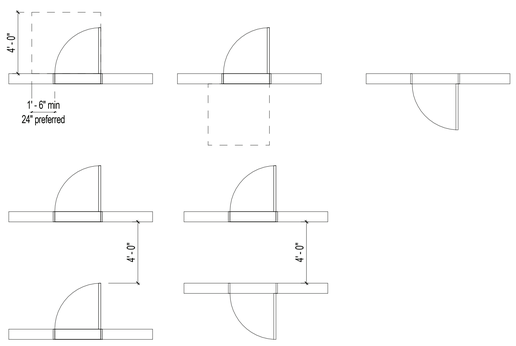


Figure 308.3.2 Obstructed High Side Reach

ADA - REACH REQUIREMENTS



ADA - Door Clearances

HDg
Architecture
127 W. FAIRBANKS AVENUE, SUITE 140
WINTER PARK, FL 32789
(PH): 407-739-9000

SEAL

REVISIONS

MARK	DESCRIPTION	DATE

SIGNATURE STEWART (SWF) HANGAR

1188 1ST STREET, NEW WINDSOR, NY 12553

SIGNATURE AVIATION

SIGNATURE FLIGHT SUPPORT
13485 Veteran's Way Suite 600
Orlando, FL 32827

ISSUE DATE: 06/12/2024
COMM. NO.: 23715

DRAWN BY: Author CHECKED BY: Checker

ADA STANDARDS

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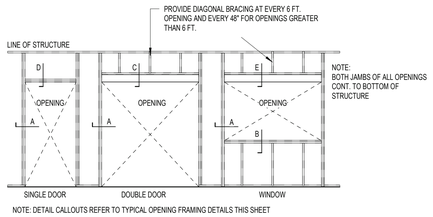
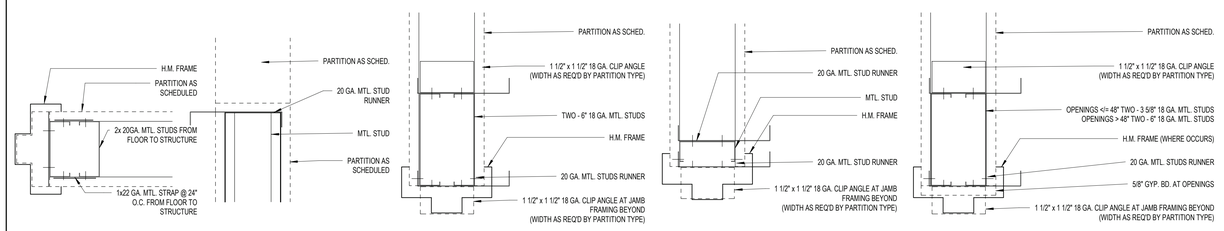


NOTE: DETAIL CALLOUTS REFER TO TYPICAL OPENING FRAMING DETAILS THIS SHEET

N1 TYPICAL METAL STUD PARTITION DETAILS

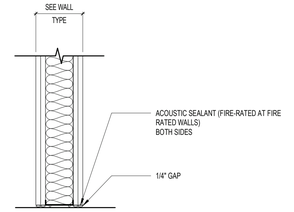
1/4" = 1'-0"



A - DOOR JAMB B - SILL C - DOUBLE DOOR HEADER D - SINGLE DOOR HEADER E - WINDOW / GYP. BD. OPENING HEADER

N5 TYPICAL OPENING FRAMING DETAILS

3" = 1'-0"



N15 ACOUSTICAL WALL AT PLATE

1 1/2" = 1'-0"

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127 W. FAIRBANKS AVENUE, SUITE 140
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(PH): 407-739-9000

SEAL

REVISIONS

MARK	DESCRIPTION	DATE

KEY PLAN

SIGNATURE STEWART (SWF) HANGAR

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SIGNATURE FLIGHT SUPPORT
13485 Veteran's Way Suite 600
Orlando, FL 32827

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TYPICAL PARTITION DETAILS

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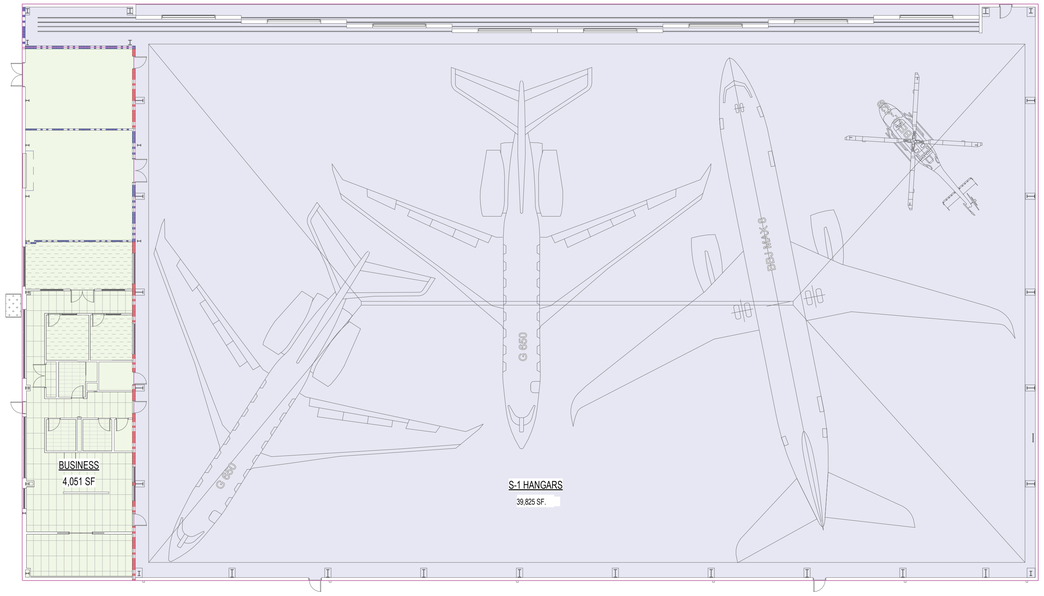


J1 — GROSS AREA PLAN - FIRST FLOOR

1/16" = 1'-0"

SECTION 403
MINIMUM PLUMBING FACILITIES

403.1 Minimum number of fixtures.

Plumbing fixtures shall be provided in the minimum nuber as shown in Table 403.1, based on the actual use of building or space. Uses not shown in Table 403.1 shall be considered individually by the building official. The number of occupants shall be determined by the Building Code of New York State.

[NY] TABLE 403.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES (See Sections 403.1.1 and 403.2)

NO.	CLASSIFICATION	DESCRIPTION	WATER CLOSETS (URINALS: SEE SECTION 424.2)		LAVATORIES		BATHTUBS/ SHOWERS	DRINKING FOUNTAIN (SEE SECTION 410)	OTHER
			MALE	FEMALE	MALE	FEMALE			
2	Business	Building for the transaction of business, professional services, other services involving merchandise, office buildings, banks, ambulatory care, light industrial and similar uses	1 per 25 for the first 50 and 1 per 50 for the remainder exceeding 50		1 per 40 for the first 80 and 1 per 80 for the remainder exceeding 80		-------	1 per 100	1 service sink
8	Storage	Structures for the storage of goods, warehouses, storehouse and freight depots. Low and Moderate Hazard.	1 per 100		1 per 100		-------	1 per 1000	1 service sink

PROJECT SUMMARY

THIS PROJECT CONSISTS OF ONE NEW AIRCRAFT STORAGE HANGAR AND ASSOCIATED OFFICES.
THIS PROJECT IS PROPOSED TO BE CONSTRUCTED AT THE NEW YORK STEWART INTERNATIONAL AIRPORT (SWF).

APPLICABLE CODES & STANDARDS

BUILDING CODE OF NEW YORK STATE, (BCNYS) - 2020 EDITION

MECHANICAL CODE OF NEW YORK STATE (MCNYS) - 2020 EDITION

PLUMBING CODE OF NEW YORK STATE (PCNYS) - 2020 EDITION

FUEL GAS CODE OF NEW YORK STATE (FCNYS) - 2020 EDITION

PROPERTY MAINTENANCE CODE OF NEW YORK STATE (EBCNYS) - 2020 EDITION

THE AMERICANS WITH DISABILITIES ACT (ADA) - (2010 STANDARD)

THE PORT AUTHORITY OF NY & NJ TENANT CONSTRUCTION REVIEW MANUAL, DECEMBER 2015 (TCRM)

THE PORT AUTHORITY OF NY & NJ SUPPLEMENTARY TENANT CONSTRUCTION REQUIREMENTS

NFPA 409 (2022) - STANDARD ON AIRCRAFT HANGARS

NEW YORK STATE FIRE CODE - 2020 EDITION

NATIONAL ELECTRICAL CODE - 2017 EDITION

NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE - EDITION 2020

AUTHORITIES HAVING JURISDICTION

BUILDING:	PORT AUTHORITY OF NEW YORK & NEW JERSEY (PANYNJ)
FIRE / LIFE SAFETY:	PORT AUTHORITY OF NEW YORK & NEW JERSEY (PANYNJ)

OCCUPANCY CLASSIFICATION

(N.Y.S.B.C. Chapter 3 - Use & Occupancy Classification)

OCCUPANCY TYPE - BUSINESS (B) AND STORAGE (S-1)
MIXED USE OCCUPANCY PER N.Y.S.B.C. SECTIONS 508.4, 508.2.4, SECTION 508.3

NOTE: SEPARATION REQUIREMENT BETWEEN HANGAR (S-1) AND OFFICE (B) OCCUPANCIES IS **1HR** PER TABLE 508.4 AND PER NFPA 409.5.2.4 (MOST STRINGENT)

CONSTRUCTION TYPE

(N.Y.S.B.C. Chapter 6 - Types of Construction)

HANGAR:	TYPE II B CONSTRUCTION, SPRINKLERED (N.Y.S.B.C. TABLE 601) GROUP I CONSTRUCTION, SPRINKLERED (NFPA 409)

NOTE: SEPARATION REQUIREMENT BETWEEN HANGAR (S-1) AND OFFICE (B) OCCUPANCIES IS **1HR** PER TABLE 508.4 AND PER NFPA 409.5.2.4 (MOST STRINGENT)

FIRE RESISTANCE OF BLDG. ELEMENTS BY CONSTRUCTION TYPE

	OFFICES (B)	HANGAR (S-1)
PRIMARY STRUCT. FRAME:	0 HOURS	0 HOURS
BEARING WALLS - EXT:	0 HOURS	0 HOURS
BEARING WALLS - INT:	0 HOURS	0 HOURS
NONBEARING WALLS - EXT:	0 HOURS (TABLE 602)	0 HOURS (TABLE 602)
NONBEARING WALLS - INT:	0 HOURS	0 HOURS
FLOOR CONSTRUCTION:	0 HOURS	0 HOURS
ROOF CONSTRUCTION:	0 HOUR	0 HOURS
CORRIDORS:	0 HOUR	0 HOURS

BUILDING HEIGHT BY CONSTRUCTION TYPE

(N.Y.S.B.C. Chapter 5 - General Building Heights and Areas)

	HANGAR (S-1)	OFFICE (B)
ALLOWABLE HEIGHT:	3 STORIES / 75'- 0".	3 STORIES / 75' - 0"
ACTUAL BUILDING HEIGHT:	1 STORY / 65' - 6"	1 STORY / 18'-0"

BUILDING AREA BY CONSTRUCTION TYPE

(N.Y.S.B.C. Chapter 5 - General Building Heights and Areas)

	HANGAR (S-1)	OFFICE (B)
ALLOWABLE BUILDING AREA:	1 STORY / 70,000 SF	1 STORY/ 92,000 SF
PROPOSED BUILDING AREA:	35,415 SF	4,015 SF

[NY] 403.2 Separate facilities.

Where plumbing fixtures are required, separate facilities shall be provided for each sex.

Exceptions:

1. Separate facilities shall not be required for dwelling units and sleeping units.
2. Separate facilities shall no be required in structures or tenant spaces with a total occupant load, including both employees and customers, of 15 or fewer.
3. Separate facilities shall no be required in mercantile occupancies in which the maximum occupant load is 100 or fewer.
4. Separate facilities shall no be required in bussiness occupancies in which the maximum occupant load is 25 or fewer.
5. Single-user toilet and bathing rooms provided in accordance with Section 403.1.2 shall be designated as gender neutral.
6. Separate facilities shall no be required where multiuser facilities designated for use by both sexes are provided in accordance with Section 403.1.3.

[NY] 403.1.1 Fixture calculations.

To determine the occupant load of each sex, the total occupant load shall be divided in half. To determine the required number of fixtures for each sex, the fixture ratio or ratios for each fixture type shall be applied to the occupant load of that sex in accordance with Table 403.1. Fractional numbers resulting from applying the fixture ratios of Table 403.1 shall be rounded up to the next whole number.

The plumbing fixtures located in single-user toilet facilities and bathing rooms, including family or assisteduse toilet and bathing rooms, shall contribute toward the total number of required plumbing fixtures for a building or tenant space, and shall be deducted proportionately, from the required gender ratios of Table 403.1.

The total number of fixtures shall be permitted to be based on any combination of single-user, multi-user, and separate facilities.

For calculations involving multiple occupancies, such fractional numbers for each occupancy shall first be summed and then rounded up to the next whole number.

Exception: The total occupant load shall not be required to be divided in half where approved statistical data indicates a distribution of the sexes of other than 50 percent of each sex.

OCCUPANT / EGRESS CAPACITY

THE CALCULATED OCCUPANT LOAD RESULTS IN A TOTAL BUILDING POPULATION FOR EGRESS OF **112 PEOPLE AS INDICATED BELOW.**

OCCUPANCY SCHEDULE

OCCUPANCY SCHEDULE			
NAME	AREA	FLOOR AREA PER OCCUPANT	OCCUPANT LOAD
S-1 HANGARS	39,825 SF.	500 SF	80
BUSINESS	4,051 SF	100 SF	41
Grand total			121

OFFICES EXITS

LEVEL	EXIT WIDTH - REQUIRED	EXIT WIDTH - PROVIDED
FIRST FLOOR	41 PERSONS X 0.2" = **8.2 INCHES**	**36 INCHES**
	-	-

HANGAR EXITS

LEVEL	EXIT WIDTH - REQUIRED	EXIT WIDTH - PROVIDED
HANGAR	119 PERSONS X 0.2" = **23.8 INCHES**	**72 INCHES**

EGRESS COMPONENTS

MIN. NUMBER OF EXITS FOR B- BUSINESS (OFFICES):	1 (PER N.Y.S.B.C. TABLE 1006.2.1)
MIN. NUMBER OF EXITS FOR S-1, STORAGE (HANGAR) :	2 (PER N.Y.S.B.C. TABLE 1006.2.1)
MAX. TRAVEL DISTANCE: W/ SPRINKLED BUILDINGS	BUSINESS (B) - 300 FT. (PER N.Y.S.B.C TABLE 1017.2 & NFPA 101 14.2.6.3) STORAGE (S1) - 250 FT. (PER N.Y.S.B.C TABLE 1017.2 & NFPA 101 14.2.6.3)
MAX. COMMON PATH OF TRAVEL:	75 FT. (PER F.B.C TABLE 1014.3 & NFPA 101 14.2.5.3)
MAX. DEAD END CORRIDOR:	50 FT. (PER N.Y.S.B.C. SECTION 1020.4)
MIN. CORRIDOR WIDTH:	44" CLEAR (PER N.Y.S.B.C. SECTION 1020.2) (TABLE 1020.2)
MIN. DOOR WIDTH:	0.2" PER PERSON (PER N.Y.S.B.C. 1005.3.2 & NFPA 7.3.3.1)

N.Y.S.B.C. - 1016 EXIT ACCESS THRU INTERVENING SPACES - 1016.2.5

NOTE: THE PROPOSED DESIGN COMPLIES WITH THE REQUIREMENTS OF THE AMERICAN WITH DISABILITIES ACT (ADA).

PLUMBING CALCULATIONS

B (BUSINESS) = 41 OCCUPANTS
NY STATE PLUMBING CODE TABLE 403.1

4,051 SF / 100 = 41 TOTAL OCCUPANTS
41 / 2 = 21 MALE, 21 FEMALE

W/C MALE = 1 PER 25= 21/ 25= 0.84
W/C FEMALE = 1 PER 25= 21/ 25= 0.84

LAVS MALE = 1 PER 40= 21/ 40= 0.52
LAVS FEMALE = 1 PER 40 = 21/ 40=0.52

DRINKING FOUNTAINS = 1 PER 100

SERVICE SINK = 1 PER FLOOR

S-1 (STORAGE) = 80 OCCUPANTS
NY STATE PLUMBING CODE TABLE 403.1

39,825 SF / 500 = 80 TOTAL OCCUPANTS
80 / 2 = 40 MALE, 40 FEMALE

W/C MALE = 1 PER 100 = 40/ 100 = .4
W/C FEMALE = 1 PER 100 = 40/ 100 = .4

LAVS MALE = 1 PER 100 = 40/ 100 = .4
LAVS FEMALE = 1 PER 100 = 40/ 100 = .4

DRINKING FOUNTAINS = 1 PER 1,000

SERVICE SINK = 1 PER FLOOR

SUMMARY - REQUIRED

TOTAL W/C MALE = 0.84 + .4 = 2
TOTAL W/C FEMALE = 0.84 + .4 = 2

TOTAL LAVS MALE = .52 + .4 = 1
LAVS FEMALE = .52 + .4 = 1

TOTAL DRINKING FOUNTAINS = 2

SERVICE SINK = 1 PER FLOOR = 1

SUMMARY - PROVIDED

TOTAL W/C MALE = 1 WC + 1 URINAL + 1 WC UNISEX
TOTAL W/C FEMALE = 1 WC + 1 WC UNISEX

TOTAL LAVS MALE = 1
LAVS FEMALE = 1
LAVS UNISEX = 1

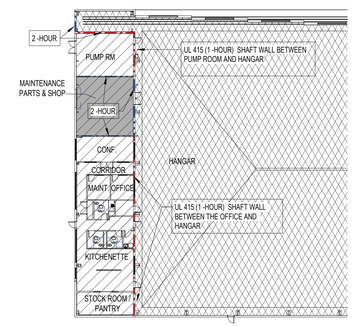
TOTAL DRINKING FOUNTAINS = 2

SERVICE SINK = 2

ASBESTOS NOTES:

1. If any suspect ACM is found during construction, all work in the area must cease and the PA REO must be notified, immediately. The material will be sampled and analyzed by a licensed firm and certified personnel in accordance with State regulations. All results will be submitted to the PA REO upon receipt. If it is determined that the material does not contain asbestos, the work in that area may continue. However, If the results indicate that the material contains asbestos, the area will be sectioned off with asbestos warning tape and an abatement plan will be submitted to the PA in accordance with the TCAP requirements.

2. Assume all existing painted surfaces are coated with lead containing paint (LCP). Contractor shall comply with the requirements of OSHA's lead- in- construction standard, 29 CFR Part 1926.62.



A15 — FIRE SEPARATION DIAGRAM

1" = 30'-0"

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127 W. FAIRBANKS AVENUE, SUITE 140
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SIGNATURE AVIATION

SIGNATURE FLIGHT SUPPORT
13485 Veteran's Way Suite 600
Orlando, FL 32827

ISSUE DATE: 06/12/2024
COMM. NO.: 23715

DRAWN BY: Author CHECKED BY: Checker

CODE SUMMARY & CALCULATIONS

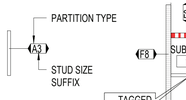
G010

100% PERMIT SET

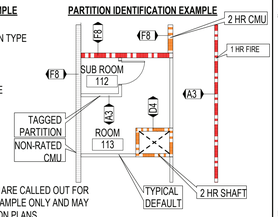
N18 PARTITION ID DIAGRAM

1/8" = 1'-0"

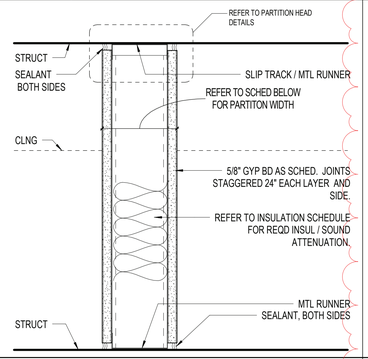
PARTITION TAG EXAMPLE



PARTITION IDENTIFICATION EXAMPLE



- GRAPHIC PARTITIONS ARE CALLED OUT FOR CLARIFICATION OF EXAMPLE ONLY AND MAY NOT BE CALLED OUT ON PLANS
- RATINGS AS SHOWN WILL BE INDICATED ON LIFE SAFETY PLANS ONLY.



FLOOR PLAN DESIGNATION — A#

DESIGN CRITERIA REFER TO LIFE SAFETY PLANS FOR PARTITION RATINGS

RATING	UL DESIGN #	GRAPHIC	STC	STC W/ 3" SAB
NON-RATED	N/A		40	49
SMOKE RES.	N/A		40	49
1 HR.	U419		40	49

CONSTRUCTION

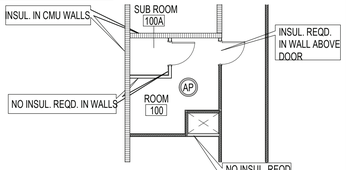
SUFFIX	STUD SIZE	OVERALL WIDTH	REMARKS
1	1 5/8"	2 7/8" *	* REFER TO UL FOR MIN. GYP BD THICKNESS AND REQ'D INSULATION.
2	2 1/2"	3 3/4" *	
3	3 5/8"	4 7/8"	
4	4"	5 1/4"	
6	6"	7 1/4"	
8	8"	9 1/4"	

PARTITION TYPE A

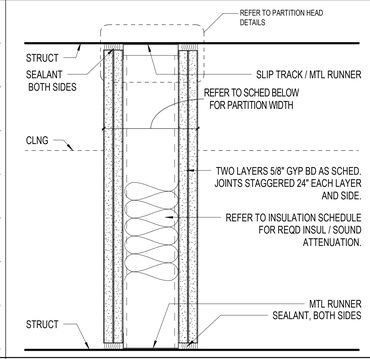
N15 ACOUSTIC PARTITION DIAGRAM

1/8" = 1'-0"

ACOUSTIC PARTITION EXAMPLE



NOTE: REFER TO SOUND ATTENUATION SCHEDULE FOR TYPE OF INSULATION REQUIRED. SOUND ATTENUATION BATTS SHOWN FOR CLARIFICATION OF EXAMPLE ONLY AND WILL NOT BE GRAPHICALLY INDICATED ON PLANS



FLOOR PLAN DESIGNATION — B# — 2-HOUR SHAFTWALL

DESIGN CRITERIA REFER TO LIFE SAFETY PLANS FOR PARTITION RATINGS

RATING	UL DESIGN #	GRAPHIC	STC	STC W/ 3" SAB
2-HR	U412		50	55

CONSTRUCTION

SUFFIX	STUD SIZE	OVERALL WIDTH	REMARKS
1	1 5/8"	2 7/8"	
2	2 1/2"	3 3/4"	
3	3 5/8"	4 7/8"	
4	4"	5 1/4"	
6	6"	7 1/4"	
8	8"	9 1/4"	

PARTITION TYPE B

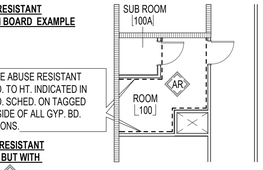
N12 ABUSE RESISTANT GYP. BD. DIAGRAM

1/8" = 1'-0"

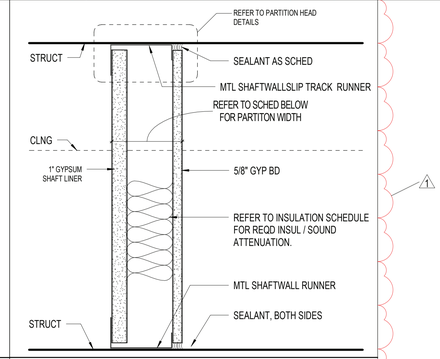
ABUSE RESISTANT GYPSUM BOARD EXAMPLE

PROVIDE ABUSE RESISTANT GYP. BD. TO HT. INDICATED IN GYP. BD. SCHED. ON TAGGED ROOM SIDE OF ALL GYP. BD. PARTITIONS.

IMPACT RESISTANT SIMILAR BUT WITH IR TAG: IR



NOTE: DASHED LINE AT ABUSE RESISTANT GYP. BD. SHOWN FOR CLARIFICATION OF EXAMPLE ONLY AND WILL NOT BE SHOWN ON PLANS



FLOOR PLAN DESIGNATION — C# — 1-HOUR SHAFTWALL

DESIGN CRITERIA REFER TO LIFE SAFETY PLANS FOR PARTITION RATINGS

RATING	UL DESIGN #	GRAPHIC	STC	STC W/ 3" SAB
1 HR.	U415 - SYSTEM A		40	49

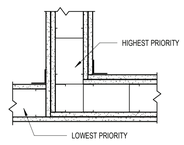
CONSTRUCTION

SUFFIX	STUD SIZE	OVERALL WIDTH	REMARKS
2	2 1/2"	3 1/8"	
4	4"	4 5/8"	
6	6"	6 5/8"	AT WALLS TO RECEIVE TILE USE U415 - SYSTEM D, ADD THICKNESS OF CEMENT BD
8	8"	8 5/8"	

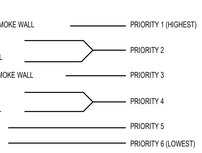
PARTITION TYPE C

N9 PARTITION PRIORITY LEGEND

NOT TO SCALE



PARTITION PRIORITIES



N6 GYPSUM BD SCHEDULE

NOT TO SCALE

TYPE "X" 5/8" GYPSUM BOARD	ALL LOCATIONS UNLESS NOTED BELOW OR DETAILED OTHERWISE
5/8" ABUSE RESISTANT GYPSUM BOARD	REFER TO FLOORPLANS FOR AR TAG. PROVIDE ABUSE RESISTANT GYP. BD. ON ALL WALLS ENCLOSING TAGGED ROOM TO 4'-0" A.F.F. UNLESS NOTED OTHERWISE. SEE ABUSE RESISTANT DIAGRAM.
5/8" IMPACT RESISTANT GYPSUM BOARD	REFER TO FLOORPLANS FOR IR TAG. PROVIDE IMPACT RESISTANT GYP. BD. ON ALL WALLS ENCLOSING TAGGED ROOM TO 4'-0" A.F.F. UNLESS NOTED OTHERWISE. SEE ABUSE RESISTANT DIAGRAM.
5/8" MOISTURE AND MOLD RESISTANT GYPSUM BOARD	"WET WALLS" NOT RECEIVING TILE WITH PLUMBING FIXTURES SUCH AS DRINKING FOUNTAINS, WATER CLOSETS, LAVATORIES, URINALS AND SIMILAR.
1/2" TILE BACKER BOARD	ALL WALLS RECIEVING TILE, U.N.O.
1/2" CEMENTITIOUS BACKER BOARD	WALLS EXPOSED DIRECTLY TO RUNNING WATER AND SCHEDULED TO RECEIVE TILE. - BATHTUBS, SHOWERS, SAUNAS, WATER THERAPY, ETC. NOTE: CEMENT BD. SHALL BE APPLIED OVER PARTITIONS WATER RESISTANT OR GLASS MAT GYPSUM BOARD AT RATED WALLS.

N3 INSULATION SCHEDULE

NOT TO SCALE

MISCELLANEOUS STUFFING INSULATION	WHERE DETAILED AND/OR NOTED, TO INFILL OPENINGS IN NON-RATED WALLS AROUND PIPES, STRUCTURAL COMPONENTS, CONDUITS AND SIMILAR. TO SEAL TOPS OF NON-RATED MASONRY WALLS TO DECK. AT EXPANSION JOINTS TO INSULATE.
UNFACED BATT INSULATION	WHERE DETAILED AND/OR NOTED, WITHIN STUD CAVITY OF ALL EXTERIOR WALLS WHERE INSULATION IS ENCAPSULATED UNLESS NOTED OR DETAILED OTHERWISE.
SEMI-RIGID FIBERGLASS INTERIOR INSULATION	WHERE DETAILED AND/OR NOTED, AT ALL EXTERIOR WALLS WHERE INSULATION IS NOT ENCAPSULATED UNLESS NOTED OR DETAILED OTHERWISE.
SOUND ATTENUATION BLANKETS (SAB)	WHERE DETAILED AND/OR NOTED, AT ALL NON-RATED PARTITIONS INDICATED TO BE ACOUSTICAL. REFER TO ACOUSTICAL PARTITION SCHEDULE AND PLANS FOR AP TAG.
MINERAL WOOL INSULATION	WHERE DETAILED AND/OR NOTED, AT ALL FIRE RATED PARTITIONS INDICATED TO BE ACOUSTICAL. REFER TO ACOUSTICAL PARTITION SCHEDULE AND PLANS FOR AP TAG.
SPRAY POLYURETHANE FOAM	WHERE DETAILED AND/OR NOTED, AT ALL **MASONRY** PARTITIONS INDICATED TO BE ACOUSTICAL. REFER TO ACOUSTICAL PARTITION SCHEDULE AND PLANS FOR AP TAG.

GRAPHIC PATTERN	WALL RATING
	SMOKE
	1 - HOUR
	2 - HOUR
	3 - HOUR

WALL RATING LEGEND

GENERAL NOTES - PARTITIONS

1. PARTITIONS ARE DISTINGUISHED ON FLOOR PLANS BY GRAPHIC AND TWO-PART SYMBOL DESIGNATIONS. THE ALPHANUMERIC SYMBOL INDICATES THE PARTITION TYPE AND THE NUMERIC CHARACTER DESIGNATES THE STUD, CMU OR CONCRETE WIDTH. REFER TO THE PARTITION TYPE DIAGRAMS.
2. PARTITIONS REQUIRED TO BE SMOKE AND/OR FIRE RESISTANT ARE DISTINGUISHED GRAPHICALLY ON THE LIFE SAFETY PLANS. REFER TO THE FIRE & SMOKE RESISTANCE LEGEND.
3. FLR, CLNG AND STRUCT DELINEATED IN THE PARTION TYPE SECTIONS ARE DIAGRAMMATIC AND DO NOT REFLECT EXACT CONSTRUCTION CONDITIONS OR GEOMETRY.
4. GYPSUM BOARD TYPES INDICATED IN THE PARTITION TYPE SECTIONS IS TYPICAL UNLESS NOTED OTHERWISE IN THE GYPSUM BOAD SCHEDULE FOR THE PARTITION LOCATION (EXAMPLE: A TYPE "A3" PARTITION AT A WET WALL WILL RECEIVE 5/8" MOISTURE AND MOLD RESISTANT GYP BD IN LIEU OF 5/8" GYP BD, A TYPE "A3" PARTITION SCHEDULED TO RECEIVE TILE WILL HAVE ½" TILE BACKER IN LIEU OF 5/8" GYP BD)
5. REFER TO PARTITION HEAD DETAILS FOR CONSTRUCTION AT RATED PARTITIONS. WHERE A SPECIFIC DETAIL IS NOTE PROVIDED, COORDINATE WITH ARCHITECT.
6. ALL DIMENSIONS ARE FROM FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD. REFER TO PARTITION TYPE MATRICES FOR PARTITION WIDTH DIMENSIONS UNLESS INDICATED TO BE SHOWN ON PLANS.
7. SEALANT: REFER TO THE SEALANT SCHEDULE FOR SEALANT TYPES AT ALL PARTITIONS. ALL PARTITIONS SHALL HAVE SCHEDULED SEALANT AT THE HEAD, SILL, THRU-PENETRATIONS, OPENINGS AND JUNCTURES WITH DISSIMILAR MATERIALS.
8. INSULATION: REFER TO INSULATION SCHEDULE FOR INSULATION TYPE AT ALL PARTITIONS.
9. FOR PARTITONS DESIGNATED TO RECEIVE SOUND ATTENUATION BLANKETS (SAB), EXTEND SAB TO FULL HEIGHT OF PARTITION U.N.O. FLOOR TRACK TO BE SET IN A CONT BED OF SCHEDULED SEALANT.
10. IF NO SYMBOL DESIGNATION IS PROVIDED, STUD WALLS SHALL BE TYPE A3 AND MASONRY WALLS SHALL BE TYPE F8
11. REFER TO SPECIFICATIONS FOR MINIMUM STUD THICKNESS, MAXIMUM SPACING AND ALLOWABLE LIMITING HEIGHTS AND DEFLECTION CRITERIA FOR GYPSUM BOARD ASSEMBLIES.
12. FIRE RESISTANT AND SMOKE RESISTANT SMOKE BARRIER RATINGS ARE TO SURROUND ALL OPENINGS IN RATED PARTITIONS.
13. SMOKE RESISTANT, FIRE RESISTANT AND FIRE RESISTANT SMOKE BARRIER PARTITIONS SHALL EXTEND AND SEAL TO THE INSIDE FACE OF EXTERIOR SHEATHING, INCLUDING EXTENSIONS THROUGH SOFFITS.
14. EACH NEW FIRE WALL, FIRE BARRIER, FIRE PARTITION, SMOKE BARRIER, SMOKE PARTITION, OR ANY OTHER NEW WALL REQUIRED TO HAVE PROTECTED OPENINGS SHALL BE PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING ABOVE ANY DECORATIVE CEILING AND IN CONCEALED SPACES WITH THE WORDING, "FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS." SUCH SIGNS OR STENCILING SHALL BE IN 4 INCH HIGH LETTERS, 1/2 INCH STROKE, AND NOT MORE THAN 15 FEET ON CENTER OR AS REQUIRED BY LOCAL CODE
15. REFER TO STRUCTURAL DRAWINGS FOR REINFORCING INFORMATION.
16. REFER TO CASEWORK AND TOILET ACCESSORY SHEETS FOR MOUNTING INFORMATION AND BACKING REQUIREMENTS.
17. DO NOT UTILIZE BULLNOSE BLOCK AT WALLS DESIGNATED TO RECEIVE CORNER GUARDS.
18. ALL PENETRATIONS THRU FIRE AND/OR SMOKE RATED PARTITION SHALL BE SEALED TO MAINTAIN THE INTEGRITY OF THE PARTITION RATING. REFER TO SEALANT SCHEDULE
19. ALL PENETRATIONS THRU SOUND RATED PARTITION SHALL BE SEALED TO MAINTAIN THE INTEGRITY OF THE PARTITION RATING. REFER TO SEALANT SCHEDULE

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127 W. FAIRBANKS AVENUE, SUITE 140
WINTER PARK, FL 32789
(PH): 407-739-9000

SEAL

REVISIONS

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1	Permit Comments	6/28/2024

KEY PLAN

SIGNATURE STEWART (SWF)
HANGAR

1188 1ST STREET, NEW WINDSOR, NY 12553

SIGNATURE AVIATION

SIGNATURE FLIGHT SUPPORT
13485 Veteran's Way Suite 600
Orlando, FL 32827

ISSUE DATE: 06/12/2024
COMM. NO.: 23715

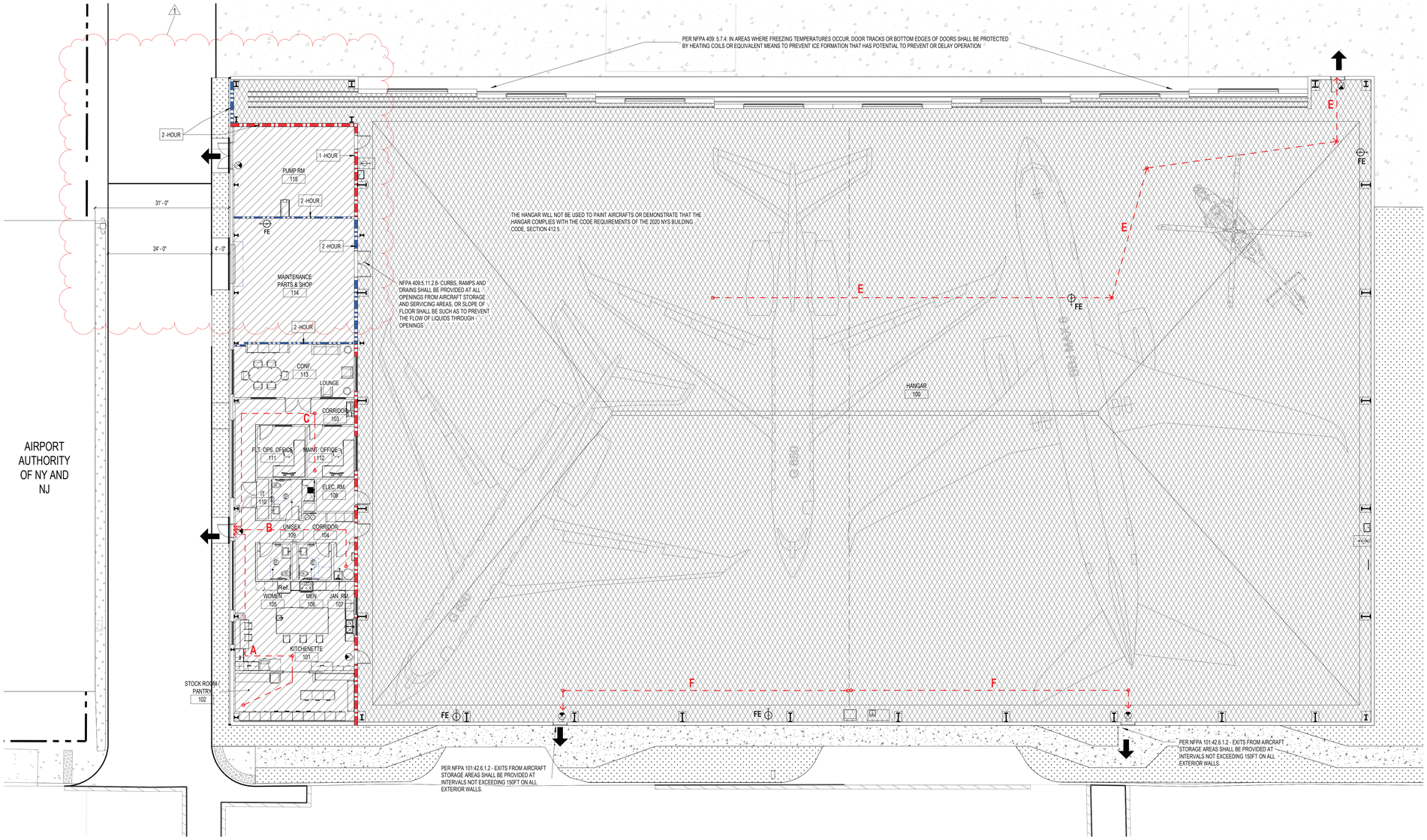
DRAWN BY: Author CHECKED BY: Checker

PARTITION TYPES & NOTES

G031

100% PERMIT SET

7/1/2024 2:40:10 PM
Autodesk Docs://23715 - SWF Terminal and Hangar (Halle House)/23715 - SWF HANGAR_A_(R2023).rvt



TRAVEL DISTANCE SCHEDULE

TRAVEL PATH ID	TRAVEL DISTANCE
A	60' - 6"
B	34' - 6"
C	58' - 0"
E	247' - 0"
F	139' - 0"
Grand total: 21	539' - 0"

TRAVEL PATH ID — A — EGRESS PATH (SEE PLAN)

PRIMARY EGRESS — EXIT SIGN

FE — FIRE EXTINGUISHER, WALL MOUNTED — FEC — FIRE EXTINGUISHER IN SEMI-RECESSED CABINET

LOCK BOX- EXACT LOCATION TO BE COORDINATED WITH LOCAL FIRE DEPARTMENT. MOUNTING HT. 6'-8" A.F.F., TIE TO FIRE ALARM

DOOR CAPACITY TAG

1340 | 1340 | 1340 | 1340 — EGRESS CAPACITY OF DOOR PER LIFE SAFETY CODE; ARROW INDICATES DIRECTION OF TRAVEL

NOTES:
1. REFER TO SYSTEM DRAWINGS FOR LOCATION OF HEAT AND SMOKE DETECTORS
2. REFER TO MECHANICAL FOR LOCATION OF FIRE AND SMOKE DAMPERS
3. COORDINATE WITH ELECTRICAL DRAWINGS FOR EXACT LOCATION OF EMERGENCY LIGHTING, FIRE ALARM STROBES, AND PULL STATIONS
4. REFER TO TRAVEL DISTANCE SCHEDULE FOR TRAVEL DISTANCES
5. PROVIDE GRAPHIC EVACUATION ROUTE DIAGRAMS FOR ALL OCCUPIED SPACES CLEARLY DESIGNATING THE EXIT ROUTE TO THE EXTERIOR OF THE BUILDING.
6. ALL DOORS IN A MEANS OF EGRESS TO BE EQUIPPED WITH LOCKING AND LATCHING HARDWARE THAT DOES NOT REQUIRE A KEY, TOOL OR SPECIAL KNOWLEDGE OR EFFORT FROM THE EGRESS SIDE TO OPEN. ALL HARDWARE MUST COMPLY WITH NFPA 101:7.2.1.6.
7. PROVIDE ACRYLIC SIGN IDENTIFYING THE USE OF THE EXTINGUISHER AS SECONDARY BACKUP MEANS TO THE AUTOMATIC FIRE-EXTINGUISHER SYSTEM CONSPICUOUSLY PLACED NEAR EACH PORTABLE FIRE EXTINGUISHER PER NFPA 96:10.2.2.
8. PERMANENTLY IDENTIFY ALL FIRE RATED/SMOKE WALLS/PARTITIONS IN ACCORDANCE WITH NYSBC 2017 SECTION 703.7.
9. DURING THE ENTIRE CONSTRUCTION PERIOD, PROVIDE ONE UL LISTED PORTABLE FIRE EXTINGUISHER AT ALL TIMES IN THE FOLLOWING SPACES: TERMINAL (1ST & 2ND FLOOR), HANGAR AND GSE.

A1 — LIFE SAFETY PLAN - FLOOR PLAN

3/32" = 1'-0" — 0, 5'-4", 10'-8", 21'-4"

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LIFE SAFETY PLAN - FLOOR PLAN

G101

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