

1 SITE PLAN

AS1.00 SCALE: 1"=50'-0"

LIFE SAFETY NOTES:

- BUILDING HAS A FULLY OPERATIONAL ESFR FIRE SPRINKLER SYSTEM
- SEE SHEET AS1.00 FOR LIFESAFETY CODE INFORMATION
- THESE CONSTRUCTION DOCUMENTS ARE CERTIFIED TO BE COMPLIANT WITH REQUIREMENTS FOR ADA ACCESSIBILITY GUIDELINES (ADAAG) AND UNIFORM ACCESSIBILITY STANDARDS (UFAS), WHERE APPLICABLE

SECTION 311 STORAGE GROUP S
 311.1 Storage Group S. Storage Group S occupancy includes, among others, the use of a building or structure, or a portion thereof, for storage that is not classified as a hazardous occupancy.

311.2 Moderate-hazard storage, Group S-1. Storage Group S-1 occupancies are buildings occupied for storage uses that are not classified as Group S-2, including, but not limited to, storage of the following:

- Aerosols, Levels 2 and 3
- Aircraft hangar (storage and repair)
- Bags: cloth, burlap and paper
- Bamboos and rattan
- Baskets
- Belting: canvas and leather
- Books and paper in rolls or packs

- Boots and shoes
- Buttons, including cloth covered, pearl or bone
- Cardboard and cardboard boxes
- Clothing, woolen wearing apparel
- Cordage
- Dry boat storage (indoor)
- Furniture
- Furs
- Glues, mucilage, pastes and size
- Grains
- Horns and combs, other than celluloid
- Leather
- Linoleum
- Lumber
- Motor vehicle repair garages complying with the maximum allowable quantities of hazardous materials listed in Table 307.1(1) (see Section 406.8)
- Photo engravings
- Resilient flooring
- Silks
- Soaps
- Sugar
- Tires, bulk storage of
- Tobacco, cigars, cigarettes and snuff
- Upholstery and mattresses
- Wax candles

BUILDING CODE INFORMATION

APPLICABLE CODES: FBC 2020
 NFPA 101 2018 EDITION
 FLORIDA FIRE PREVENTION CODE 7th ED. 2020
 NATIONAL ELECTRICAL CODE 2018
 NFPA 20 2018 EDITION
 Florida Administrative Code Chapter 61G15 - Florida Board of Professional Engineers.
 Miami-Dade County Code of Ordinances

OCCUPANCY GROUP: S-1: STORAGE SHELL WAREHOUSE

BUILDING AREA: 173,783 S.F. (USABLE AREA)

BUILDING HEIGHT: 37'-3" (HIGH POINT OF ROOF)

BUILDING STORIES: 1 STORY

FIRE PROTECTION: ESFR SPRINKLER SYSTEM

FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS) FBC 2020 FOR TYPE I-B

- STRUCTURAL FRAME: 2 HOURS
 - BEARING WALLS EXTERIOR: 2 HOURS
 - BEARING WALLS INTERIOR: 2 HOURS
 - NON-BEARING WALLS INTERIOR: --
 - FLOOR/CEILING ASSEMBLIES: 2 HOURS
 - ROOF/CEILING ASSEMBLIES: 0 HOURS see note below
- PER TABLE 601 NOTE B: Except in Group F-1, H, M and S-1 occupancies, fire protection of structural members shall not be required, including protection of roof framing and decking where every part of the roof construction is 20 feet or more above any floor immediately below. Fire-retardant-treated wood members shall be allowed to be used for such unprotected members

ROOF/CEILING ASSEMBLIES:

OCCUPANT GROUP S-1 WAREHOUSE:

OCCUPANT LOAD FOR S-1: 349 OCCUPANTS
 1/500 FOR 174,348 S.F.:

EGRESS WIDTH PER PERSON REQUIRED .2 X 349 = 69.8 INCHES
OCCUPANCY S-1:

EGRESS WIDTH PER PERSON PROVIDED 10 EXITS @ 34" ea. = 340"

PATH OF TRAVEL REQUIREMENTS PER FBC 2020, TABLES 1014.3 & 1016.2

- COMMON PATH OF TRAVEL ALLOWED (S-1): 100'
- COMMON PATH OF TRAVEL PROVIDED (S-1): N/A
- MAXIMUM TRAVEL DISTANCE ALLOWED (S-1): 400'
- MAXIMUM TRAVEL DISTANCE PROVIDED (S-1): 307'
- DEAD-END CORRIDOR ALLOWED (S): 50'

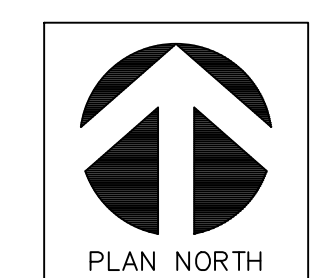
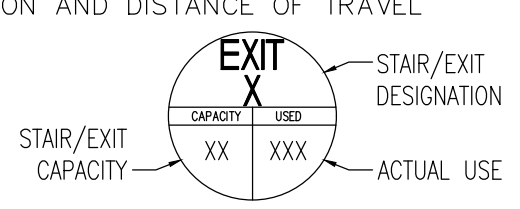
NOTES

- ALL INTERIOR WALL AND CEILING FINISHES IN EXITS AND IN ENCLOSED CORRIDORS FURNISHING ACCESS TO EXITS SHALL BE EITHER CLASS I OR CLASS II AS PER N.F.P.A. 101 2018 EDITION, SECTION 42.3.3.3.1
- CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR A NEW FIRE SPRINKLER SYSTEM BY A LICENSED SUBCONTRACTOR. THE DRAWINGS SHALL COMPLY WITH ALL REQUIREMENTS OF THE FLORIDA FIRE PREVENTION CODE, 7th EDITION, THE MIAMI-DADE COUNTY AMENDMENTS TO THE FLORIDA FIRE PREVENTION CODE, N.F.P.A. 101 (LIFE SAFETY CODE), 2018 EDITION, AND N.F.P.A. 1 (UNIFORM FIRE CODE), 2018 EDITION.
- CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR A NEW FIRE ALARM SYSTEM FROM A LICENSED SUBCONTRACTOR. THE DRAWINGS SHALL COMPLY WITH ALL REQUIREMENTS OF THE FLORIDA FIRE PREVENTION CODE, 2020 EDITION, THE MIAMI-DADE COUNTY AMENDMENTS TO THE FLORIDA FIRE PREVENTION CODE, N.F.P.A. 101 (LIFE SAFETY CODE), 2018 EDITION, AND N.F.P.A. 1 (UNIFORM FIRE CODE), 2018 EDITION.
- EMERGENCY LIGHTS AND EXIT SIGNS SHALL HAVE A BATTERY BACK-UP (SEE ELECTRICAL.)

SITE PLAN NOTES:

- SITE PLAN IS TO BE USED FOR REFERENCE ONLY. REFER TO CIVIL DRAWINGS FOR BUILDING CORNER LOCATIONS, HARDSCAPE, LANDSCAPE LAYOUT, ETC.
- REFER TO CIVIL DRAWINGS FOR HANDICAP PARKING SPACE AND REGULAR PARKING SPACE DIMENSIONS AND DETAILS.
- ALL FIRE HYDRANTS, FDC, PIV, DDCV TO HAVE STEEL BOLLARD PROTECTION. REFER TO CIVIL PLAN FOR LOCATION.

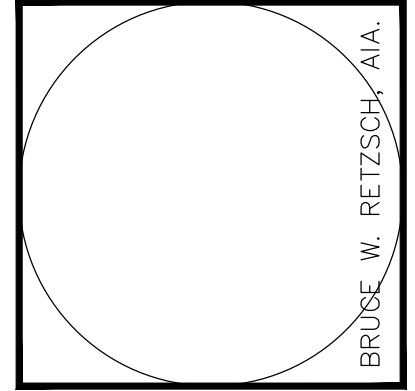
- FIRE EXTINGUISHER: 10 LB ABC TYPE (DRY CHEM) FIRE EXTINGUISHER WITH BRACKETS. PLACE AS NOT TO EXCEED 75'-0" MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER. INSTALL IN ACCORDANCE WITH NFPA 10.
- EXIT SIGNS. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION
- DIRECTION AND DISTANCE OF TRAVEL



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REVISIONS

NO.	DATE	DESCRIPTION

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 SITE PLAN

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Principal: BWR
 Project Director:
 Project Manager: CSM
 Drafted by: JPM
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