

2018 Mini Warehouse Storage Design References:

Greenville County

Greenville County Square 301 University Ridge, Suite 4100 Greenville, SC 29601-3686 864 - 467 -7060

(These requirements are specific to this use and are in addition to standard plan review requirements)

Classification - Group S (Storage) - Sub classification – S-1 (IBC 311.2)

1. IBC Table 506.2:

Allowable area shall be based on IBC Section 506 and Table 506.2. Area modifications are allowed per IBC 506, and 507. Height modifications to be in accordance with IBC section 504 and Table 504.4.

2. IBC Table 602:

a. IBC Table 602 Fire Separation Distances shall be interpreted as separation between buildings on commonly owned property and requires that an Assumed Property Line be indicated (see Chapter 2 definitions Fire Separation Distance), or

b. IBC Section 503.1.2 may be used for a cluster concept. All buildings in a cluster shall be reviewed and are subject to comply as a single building.

3. IBC Table 705.8:

IBC Table 705.8 shall be used to calculate the opening percentages. Understand that an assumed property line must be established between buildings and distances shown in IBC Table 705.8 are from the actual or assumed property line to building.

4. IBC 903.2.9 #5:

Fire areas shall not exceed 2,500 square feet unless sprinkled. Three hour separations (required for S-1 Fire Area Separation Table 707.3.10) shall be clearly marked on the exterior of buildings in a contrasting color with a minimum of 3" lettering. Building (or cluster) size shall not exceed that shown in table 506.2 for Storage. Plans must indicate rated walls, locations, U.L. numbers and cut sheet. Area may be increased to 12,000 square feet unsprinklered area if upholstered furniture and mattresses are not allowed per lease agreement.

5. IFC Section 503.2.1 as modified by SC Modification Number IFC 2012 04:

Proper access and turning radius must be supplied for fire apparatus. Verify these dimensions with the local Fire Marshal. Clearance between structures: 20' minimum shall be provided between overhangs or other projections. (Exception: projections with minimum clearance of 13'-6")

6. IFC 507 & 507.5.1:

Fire hydrants shall be placed within 500' per SC Modification Number IFC 2012 05 of any portion of a building, measured along the normal route of fire department vehicle access. Location shall conform to all other sections of IFC Section 507 and shall be shown on the site plan.

7. IBC Table 1108.3, ANSI 117.1 section 905

Requirements for accessible units. 5% of the first 200 units must be accessible and 10 plus 2% of units over 200 must be accessible. Provide a key plan showing locations and sizes of the accessible units.

8. IBC 2902.1 and IBC table 2902.1, IPC 403 and IPC Table 403.1

Restroom requirements see attachment on the following page.

9. Zoning Requirements:

Zoning Requirements and property setbacks shall be included in the design, and shall be shown on the plans. Dimensions between structures and from structures to property lines (assumed or real) shall be shown on the plans.

10. Other Requirements:

A copy of the lease agreement containing items prohibited shall be provided by the Owner of the Units for record.

The interpretation of the 2018 IBC and IPC restroom requirements for unattended Mini Warehouses are as follows:

- An employee/public restroom is required to be located on the same property. (Meets intent of 2018 IPC section 403.3 and IBC 2902.3)
- The restroom building or the building containing the restroom must have 2 parking places, one of which is accessible. (Persons using a mini warehouse facility access the facility in a vehicle). The restroom may be greater than 500' from the most remote unit, when the parking spaces are provided.
- A unisex restroom will be allowed regardless of the size of the complex.
- The restroom must meet all accessibility requirements per ICC A117.1 2017 edition.

Exception:

Additional restrooms are not required when; another building under the same ownership is located on the same property, is open to the public, and is equipped with a unisex or male and female accessible restroom.