


City of Decatur Fire & Rescue Services

<p>Fire Marshal's Office</p>  <p>Plan Review</p>	<p>Tenant Plan Review: Business & Mercantile > 3,000 SF¹</p> <p>Job Name: _____</p> <p>Address: _____ Bldg: _____ Suite: _____</p> <p>City: _____ Zip: _____</p> <p>Responsible Party: _____ Phone: _____</p> <p>Email: _____</p> <p>GENERAL BUILDING INFORMATION:</p> <p>Area of Building: _____ Number of Stories _____</p> <p>Occupancy Type _____ Occupant Load _____</p> <p>Fire Sprinkler System Present Y <input type="checkbox"/> N <input type="checkbox"/> Fire Alarm System Present Y <input type="checkbox"/> N <input type="checkbox"/></p> <p>Scope of Work Letter Y <input type="checkbox"/> N <input type="checkbox"/> Scope of Operations Letter Y <input type="checkbox"/> N <input type="checkbox"/></p>
✓ = Pass, X = Fail, NA = Not applicable	
Status	
DRAWING SUBMITTAL REQUIREMENTS	
1) Correct Job name and address on drawings, Suite number where applicable	
2) Drawing must be scaled or indicate the dimensions of each room of the building	
3) Key Plan: show location of proposed suite and all adjacent suites	
4) Show exit signs, furniture, shelving/fixtures, and merchandise	
5) Applicable codes on cover sheet [OCGA 120-3-3]	
6) Occupant load and Egress calculations [NFPA 101 7.3.1.2, NFPA 101 7.3.3]	
7) Knox box location [IFC 506]	
BUSINESS	
8) Clear Width: 44in minimum 50 or more occupants [NFPA 101 38.2.3.2]	
9) Number of Means of Egress: Not less than 2 exits from every floor [NFPA 101 38.2.4.1]	
10) Dead-end corridors: 20ft non-sprinkled; 50ft sprinkled [NFPA 101 38.2.5.2]	
11) Common Path of Travel: 75ft non-sprinkled; 100ft sprinkled [NFPA 101 38.2.5.3]	
12) Travel distance (TD) to an EXIT: 200ft non-sprinkled; 300ft sprinkled [NFPA 101 38.2.6]	
13) Emergency Lights: More than 50 occupants above level of exit discharge or 300 occupants [NFPA 101 38.2.9]	
14) Storage rooms must be 1hr rated w/45min rated automatic closing doors, unless sprinkled [NFPA 101 38.3.2.1] Excludes office supply storage.	
15) Fire Alarm System: More than 50 occupants above level of exit discharge or 300 occupants [NFPA 101 38.4.1]	
16) Single exit permitted:	
a. Exit directly outside on level of exit discharge; ≤100 Occ.; TD under 100ft; TD is not through stair ≥15ft in height [NFPA 101 38.2.4.3]	
b. ≤3 Stories: exit directly outside on level of exit discharge; <30 Occ. Per floor; TD under 100ft; Stair serving no other floor or per 7.2.2 [NFPA 101 38.2.4.4]	
c. Single Tenant ≤2 Stories: TD under 100ft; Fully sprinkled [NFPA 101 38.2.4.6]	
17) Medical gas/Medical gas storage to be per NFPA 99	
18) Vertical openings protected per 8.6 or as allowed per NFPA 38.2.4.6 [NFPA 101 38.3.1.1.]	
19) Exit Signs [NFPA 101 38.2.10]	
MERCANTILE: Mercantile use at 30sf/pp	
20) Classes (A≥30,000sf)(3,000sf≥B≤30,000sf) of sales floor [NFPA 101 36.1.2.2.1]	
21) Clear Width: 36in minimum; Class A 60in minimum [NFPA 101 36.2.5.5 & 36.2.5.6]	
22) Number of Means of Egress: Not less than 2 exits from every floor [NFPA 101 36.2.4.1]	
23) Dead-end corridors: 20ft non-sprinkled; 50ft sprinkled [NFPA 101 36.2.5.2]	
24) Common Path of Travel: 75ft non-sprinkled; 100ft sprinkled [NFPA 101 36.2.5.3]	
25) Travel distance to an EXIT: 150ft non-sprinkled; 250ft sprinkled [NFPA 101 36.2.6]	
26) Emergency Lights [NFPA 101 36.2.9]	
27) Exit Signs [NFPA 101 36.2.10]	
28) Unprotected vertical openings between two floors; adjacent floors above and below, when protected with a draft stop and closely spaced sprinklers [NFPA 101 36.3.1]	
29) Storage rooms must be 1hr rated w/45min rated automatic closing doors, unless sprinkled [NFPA 101 36.3.2.2]	
30) Fire Alarm System: Class A mercantile [NFPA 101 36.4.1]	

31) Exit permitted through sprinkler protected store room when:	
a. Not more than 50% of occupants exit through store room [NFPA 101 36.2.5.11(1)]	
b. Store room not subject to locking [NFPA 101 36.2.5.11(2)]	
c. Main aisle through store room not less than 44in and path of travel defined, direct and continuously unobstructed [NFPA 101 36.2.5.11(3) & (4)]	
d. Aisle through storeroom installed as red floor tile or marked with a red hatch with 4in wide diagonal stripes that are 1-foot on center.	
32) Sprinklers required when mercantile ≥3 stories, ≥12,000sf [NFPA 101 36.3.5.1]	
33) If the only means of egress of customers entrance is through on exterior wall of the building 1/2 of the required egress width from the street floor is required to be located in such wall [NFPA 101 36.2.5.7]	
34) Not less than 1/2 of the required exits shall be located so as to be reached without passing through check-out stands [NFPA 101 36.2.5.8]	
GENERAL REQUIRMENTS	
35) Exits separated by not less than 1/2 the diagonal distance of the space served [NFPA 101 7.5.1.3.2] ; minimum 1/3 the diagonal distance when sprinkled [NFPA 101 7.5.1.3.3]	
36) No egress through: kitchens, storerooms, restrooms, workrooms, closets, bedrooms or similar spaces subject to locking, only as permitted in the occupancy chapters [NFPA 101 7.5.2.1]	
37) Doors shall provide not less than 32in of clear width [NFPA 101 7.2.1.2.3.2]	
38) Thresholds at door openings shall not be greater than 1/2in [NFPA 101 7.2.1.3.3]	
39) Door swing shall be in the direction of egress travel when serving ≥50 occupants; into an exit enclosure [NFPA 101 7.2.1.4.2]	
40) Door provided with locks, latches or alarm devices [NFPA 101 7.2.1.5]	
41) Stair construction, tread depth and riser height [NFPA 101 7.2.2.2.1.1]	
42) Hand/guardrail installed as required [NFPA 101 7.2.2.4]	
43) Elevator lobby access to one exit [NFPA 101 7.4.1.6]	
44) Extinguishers number and location [NFPA 101 9.7.4.1]	
45) Tanks, Fire alarm, sprinkler to be submitted separately	
46) Fire/smoke damper located as required	
47) Exit enclosure penetrations [NFPA 101 7.1.3.2.1]	
48) Mechanical schedule showing per Unit CFM for installation of duct detectors [IMC]	
49) Verify exit stair capacity (44-inch Stairs = 146 maximum Capacity) [NFPA 101 7.3.3.1] Stairs over 44-inches [146.7 + ((X-44)/0.218)] capacity calculation [NFPA 101 7.3.3.2]	
50) Verify Exit capacity 0.2-inches for doors 0.3-inches for stairs [NFPA 101 7.3.3.1]	

¹ The above is not an all-inclusive list, all applicable fire and life safety provisions must be met.

Notes: _____

Reviewer: _____ Date: _____