

PROP Mellen & Grant Streets. Neighborhood Center & Affordable Housing NFPA 101 - 2000 Code summary		
1. OCCUPANCY CLASSIFICATION		
Section 6.1.1, pg.. 84	Bldg. A – Mixed Use – Basement, Ground floor – Assembly, Business, Day-care 2 nd /3 rd Floors – Residential type 4 (Apartment)	Bldg. B – Residential type 4 (Apartment)
2. HAZARD OF CONTENTS		
Section 6.2.1, pg.. 90	Bldgs. A & B - Ordinary Hazard throughout	
3. MEANS OF EGRESS		
Exit access corridors - Section 7.1.3.1, pg.. 99 Section 38.3.6, pg.. 880 Exits - Section 7.1.3.2, pg.. 99 Doors - Section 7.2.1, pg.. 107 Stairs - Section 7.2.2, pg.. 133 Guards & Handrails- Section 7.2.2.4, pg.. 141 Areas of Refuge- Section 7.2.12, pg.. 175, Section 7.5.4, pg. 206, Section 30.2.2.12, pg. 867	1 hr over with occupancy of 30, exceptions- % hr. fire resistance, 20 min. doors in Apartment Buildings. In Assembly, Business Day Care occupancy, no rating required with approved sprinkler system 2 hr separation >3 stories 32" min width 44" min width incl. rail, 36" w/ occupant. load <50, 7"/11" rise to run, 6'-8 min headroom, 12'-0" max ht. between landings Guards req. with 30" drop, 42" min height., Openings ≤ 4 dia., Handrails req. w/i 30" of width, Handrails 34" – 38" aff Exception - In Apartment Building occupancies with an approved sprinkler system, 2 rooms or spaces separated by a smoke resistant partition per 3.3.14 a separated Area of Refuge shall not be required.	
4. OCCUPANCY LOAD	Building A	
Basement Section 7.3.1, pg.. 183	Business, Offices & lobby – 1207 gsf/100 = 12 occ. Mechanical 519 gsf/300 = 1 occ.	
Ground/1 st . Floor Section 7.3.1, pg.. 183	Business, Offices & lobby – 1765 gsf/100 = 18 occ.	
	Community Room - 881 nsf/15 = 127 occ.	
	Child Development - 718 nsf/35 = 21 occ.	
Second Floor Section 7.3.1, pg.. 183	Residential - 4221 gsf/200 = 21 occ.	
Third Floor Section 7.3.1, pg.. 183	Residential – 4221 gsf/200 = 21 occ.	
Total Building Occupancy		280 occ.

	Building B	
Basement Section 7.3.1, pg. 183	Storage, Mechanical – 1264 gsf/300 =	5 occ.
Ground/1 st . Floor Section 7.3.1, pg. 183	Residential – 3433 gsf/200 =	17 occ.
Second Floor Section 7.3.1, pg. 183	Residential – 3433 gsf/200 =	17 occ.
Third Floor Section 7.3.1, pg. 183	Residential – 3433 gsf/200 =	17 occ.
Total Building Occupancy	56 occ.	
Egress Capacity – Section 7.3.1, pg. 189 Total Width Table 7.3.3.1, pg. 189	Bldg. A – Basement Stairways-13 occ x .3" = 4" req. Level components-13 occ x .2" = 3" req.	Minimums pertain - doors - 32", stairs & corridors - 44" ≥ 50 occupants, 36" < 50 occupants
	Ground Floor - mixed use Stairways-280 occ x .3" = 84" req. Level components-280 occ x .2" = 56" req.	88" provided from levels above 64" Provided from levels above 224" provided total
	Second Floor - Residential Doors - 17 occ x .2" = 4" req. Stairs - 17 occ x .3" = 6" req.	Minimums pertain - doors - 32", stairs & corridors - 44" ≥ 50 occupants, 36" < 50 occupants
	Third Floor - Residential Doors - 17 occ x .2" = 4" req. Stairs - 17 occ x .3" = 6" req.	Minimums pertain - doors - 32", stairs & corridors - 44" ≥ 50 occupants, 36" < 50 occupants
	Bldg. B – Basement Stairways-5 occ x .3" = 2" req. Level components-5 occ x .2" = 1" req.	Minimums pertain - doors - 32", stairs & corridors - 44" ≥ 50 occupants, 36" < 50 occupants
	Ground Floor - mixed use Stairways-56 occ x .3" = 17" req. Level components-56 occ x .2" = 12" req.	88" provided from levels above 64" Provided from levels above 224" provided total
	Second Floor - Residential Doors - 17 occ x .2" = 4" req. Stairs - 17 occ x .3" = 6" req.	Minimums pertain - doors - 32", stairs & corridors - 44" ≥ 50 occupants, 36" < 50 occupants
	Third Floor - Residential Doors - 17 occ x .2" = 4" req. Stairs - 17 occ x .3" = 6" req.	Minimums pertain - doors - 32", stairs & corridors - 44" ≥ 50 occupants, 36" < 50 occupants
Number of Means of Egress- Section 7.4.1, pg. 193	1 required w/ < 50 occupants 2 required w/ ≥ 50 occupants	Provided

Arrangement of Means of Egress- Section 7.5, pg.. 195, Remoteness section 7.5.1.4	Bldg. A - 1/3 max. diagonal distance w/ sprinkler	Max diagonal distance = $102\sqrt{3} = 34'$ Distance between exit doors = 36'
Travel Distance to Exits, Section 7.6, pg.. 206 Table A.7.6.1, pg. 208	Assembly - Common Path Limit Dead-End Limit Travel Distance. Limit	20' > 50 occ, 75 ≤ 50 occ. 20', no dead end corridors allowed 200'
	Day Care - Common Path Limit Dead-End Limit Travel Distance. Limit	100' 50' 200'
	Business - Common Path Limit Dead-End Limit Travel Distance. Limit	100' 50' 300'
	Residential - Apartments - Common Path Limit Dead-End Limit Travel Distance. Limit	50' 50' 325'
5. CONSTRUCTION		
Construction Types, Section 8.2.1, pg.. 233	Building A Building B	Type V(000) Type V(000)
Compartmentation, Section 8.2.2, pg.. 234	See specific uses	
Concealed Spaces, Section 8.2.7, pg.. 269		
6. INTERIOR FINISH		
Use of Interior Finishes, Section 10.2.2, pg.. 308 Section 10.2.8, pg.. 320	Assembly ■300 occ - Exits Access to Exits Other spaces	Class A, w/ sprinkler Class. B Class A or B, w/. sprinkler Cl. B, C Class A, B or C
Class A Flame spread 0-25 Class B Flame spread 26-75 Class B Flame spread 76-200	Day Care- Exits Access to Exits Other spaces	Class A, w/. Sprinkler Cl. B Class A, w/. Sprinkler Cl. B Class A or B, w/. Sprinkler Cl. B, C
	Business- Exits Access to Exits Other spaces	Class A or B, w/. Sprinkler Cl. B, C Class A or B, w/. Sprinkler Cl. B, C Class A, B or C
	Apartments- Exits Access to Exits Other spaces	Class A, w/. Sprinkler Cl. B Class A or B, w/. Sprinkler Cl. C Class A. B or C
Trim and Incident Finish, Section 10.2.5, pg.. 308	≤ 10% aggregate floor/wall area can be Class C in Class A or B	
7. ASSEMBLY OCCUPANCY		
Minimum Construction Requirements, Section 12.1.6, pg. 349	Table 12.1.6 Construction Type Limits Type III(200)	Allowed on Level of Exit Discharge with Occupant load ≤ 1000

Panic Hardware, Section 12.2.2.2.3 , pg.. 359	Panic hardware required with occupant load \geq 100	
Arrangement of Means of Egress, Section 7.5.1.4 , pg. 198, Section 12.2.5.1 , pg. 366	Maximum diagonal distance = 102' 1/3 diagonal distance = 34'	Actual exit separation = 43'
Aisles serving seating @ tables, Section 12.2.5.8 , pg. 387	NA	
8. DAY CARE OCCUPANCY		
Mixed Occupancies, Section 6.1.2 , pg.. 477	1 hr fire separation between occupancies	
Location and Construction, Section 61.1.6 , pg.. 479	Type III(200) approved	
Number of exits, Section 16.2.4 , pg.. 483	2 exits required	
Travel distance to Exits, Section 36.2.6 , pg.. 837	200' allowed with approved sprinkler system	
9. BUSINESS OCCUPANCY		
Minimum Construction Requirements, Section 38.1.6 , pg.. 863	No special requirements	
Number of exits, Section 38.2.4.2 , pg.. 869	Not less than 2	
Arrangement of Means of Egress, Section 38.2.5.1 , pg.. 869 Section 38.2.5.2 , pg.. 869	Dead end corridor \leq 20' Common path of travel \leq 75'	
Travel distance to Exits, Section 38.2.6 , pg.. 875	200' allowed with approved sprinkler system	
Corridors, Section 38.3.6 , pg.. 880	No rating required with Exception No. 3 – Within buildings with an approved sprinkler system.	