

Lafayette Fit-Up CAFE

	IBC 2009		NFPA 101 2009	
7 floors above grade	502.1			
Sprinklers		NFPA 13		NFPA 13
Occupant Load	T 1004.1.1	Restaurant (B) under 50 occ Chairs at Tables 480 sf / 15sf = 32 Bar Stools = 6 total Restaurant occupants = 38 Storage - 676 sf / 500 = 2 occupants Total occupants = 40	7.3.1.2	Restaurant (Mercantile) Under 50 occ. Chairs at Tables 480 sf / 15sf = 32 Bar Stools = 6 total occupants = 38 Storage - 676 sf / 500 = 2 occupants Total occupants = 40
Use Group(s)	304.1	Business - Restaurant	36	Mercantile
Separations	508.4	B from R-2 = 1 hr with Sprinkler	6.1.14.1	Mercantile from Apartments = 1hr w/ spkr
Distances to Exits	1016.1	B - 300' Travel Distance to exits (with sprinklers)	36.2.6.2	250' Travel Distance to exits with Sprinklers
	1014.3	B - 100' Common Path of Travel with sprinkler	36.2.5.1.2	100' Common Path of Travel with spkr
	1018.4	B - 50' Dead End (with sprinkler)	36.2.5.2.1	50' dead end corridor
	1021.1	Single Means of Egress from S = 29 occ and 100' travel		
Egress Width	1005.1	40 Occ. x 0.2) = inches, 2 doors 6" minimum each		
Egress Stairs	1009.1	Occ. Load >50 = 44" min width		
	1009.1	Occ. Load <=50 = 36" min width	7.2.2.2.1.2(B)	44" min. over 50 occ.
	1003.3	Handrails can protrude into stair 4.5" max	7.2.2.2.1.2	Handrails can protrude into stair 4.5" max
	1005.2	Door Swings may not reduce egress width by > 1/2		

		1009.2	80" min headroom	7.2.2.2.1.1(a)	6'-8" min. headroom
		1009.3	7" max. riser	7.2.2.2.1.1(a)	7" max. riser
		1009.3	11" min Tread depth	7.2.2.2.1.1(a)	11" min. tread
		1009.6	12' max. total rise between floors or landings	7.2.2.2.1.1(a)	12' max. height between landings
Ramps		1010.2	1:12 (8%) Max slope	7.2.5.2(a)	1:12 max. slope
		1010.6	60" long landings at top and bottom		
		1010.6	2% max slope of landings	7.2.5.2(a)	1:48 max. cross slope
		1010.8	>6" rise must have handrails on both sides of ramp		
Egress Corridors		1018.2	44" min. when Occ. > 50		44" min. Hallway width
		1018.2	36" min. when Occ. <= 50		
		1018.2	24" min. at service corridors to mechanical equipment		
Plumbing Requirements					
Restaurant		38 Seats Shown on Plan			
		1 unisex bathroom for under 39 occupants per Maine Restaurant exception			
Construction Type	T 503	3B - mixed combustible unprotected			III (200) mixed combustible unprotected
Building Area	T 503	A-2 is 9,500sf 2 stories			
	506.3	Sprinkler Increase 200% = 28,500 sf			
Building Elements	T 601	0 hr Structural Frame			
	T 602	2 hr Bearing Walls Exterior			
	T 601	0 hr Bearing Walls Interior			
	T 601	0 hr Non-Bearing Walls Interior			
	T 602	1 hr Non-Bearing Walls Exterior (sep. dist <10') NA			
	705.5	Exterior Wall with >10' sep. needs rating only from inside			
	T 601	0 hr Floor Construction			
	T 601	0 hr Roof Construction			