

## 211 Danforth Restaurant

## IBC 2009

## NFPA 101 2009

1 floors above grade

502.1

Sprinklers

NONE

NONE

Occupant Load

T 1004.1.1

Restaurant A-2

7.3.1.2

Restaurant A-2

Tables and Chairs = 570sf / 15sf = 38 occupants

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Kitchen Area = 312 sf / 200sf = 2 occupants

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Bar Area = 10 stools = 10 occupants

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Mercantile = 627 sf / 30 = 21 occupants

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**Total = 71****Total = 71**

Use Group(s)

304.1

Assembly (A-2)

12

Assembly under 300 occupants

Mercantile

Mercantile

Construction Type

T 503

5B - combustible unprotected

V (000) combustible unprotected

Building Area

T 503

A-2 is 6,000sf 1 story (Assembly is 1,768 sf)

M is 9,000 sf and 1 story (Mercantile is 627 sf)

Building Elements

T 601

0 hr Structural Frame

T 602

0 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 &lt;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		
Separations		508.4	2 hrs between A-2 and M	6.1.14.4.1	2 hrs between Assembly and Mercantile
Distances to Exits		1016.1	Assembly and Merc. - 200' Travel Distance to exits	12.2.6.2	200' Travel Distance to exits
		1014.3	A - 75' Common Path of Travel	12.2.5.1.2	20' Common Path of Travel
		1018.4	A - 20' Dead End	12.2.5.1.3	20' dead end corridor
Egress Width		1005.1	71 Occ. x 0.2) = 14.2 inches, 2 doors 8" minimum each		
		1017.4	Aisle width with back to back seats 36" plus 38"		
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		