Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 09/25/17

556 Congress St - occupant load, number of exits, and exit door size code review - 9/1/17

Occupant load & number of exits:

Item	Gross Square footage of space	Occupant loading 2009 IBC table 1004.1.1	Calculated Occupancy	Maximum occupany for (2009 IBC table 1015.1 Spaces with one exit or Exit Access Doorway	Summary
Occupant load for Mechantile "M" use	1050	1 occupant per 30 sf (ground floor)	35	49	35 is less than 49 therefore one exit allowable.

Item	Approximate max travel distance	Maximum Common path of Travel 2009 IBC 10014.3	Maximum Exit Access Travel Distance 2009 IBC Table 1016.1		Summary
Travel Distance to exit	61 feet	75 lin ft	250 feet		61 is less than 75 and 250 therefore allowable

Door size:

Proposed door size	opening width when door opened 90 degrees	Minimum door width 2009 IBC 1008	Opening Height	Opening Height required 2009 IBC 1008	Summary
36 inches wide x 84 inches high x 2 inches thick	34 inches	32 inches	84 inches	80 inches	34 is greater than 32 and 84 is greater than 80 therefore allowable