

# 501 DANFORTH

501 DANFORTH STREET  
PORTLAND, MAINE

ARCHITECT:  
ARCHETYPE P.A.  
48 UNION WHARF  
PORTLAND, ME 04101  
(207) 772-6022

CONSTRUCTION MANAGER:  
WRIGHT-RYAN  
10 DANFORTH ST  
PORTLAND, ME 04101  
(207) 773-3625

## DRAWING LIST

LS-1 LIFE SAFETY PLANS  
A-1 DEMO PLANS  
A-2 FLOOR PLANS  
A-3 SCHEDULES, INTERIOR ELEVATIONS  
& DETAILS  
A-4 REFLECTED CEILING PLANS

## RELEVANT CODES

### IBC-2009

USE GROUP B (BUSINESS)  
CONSTRUCTION TYPE 5-B  
AREA = 2,693 SQ. FT.  
9,000sf. ALLOWED  
HEIGHT = 2 STORIES, 28'  
2 STORIES, 40' ALLOWED

### CODE REFERENCE

310  
T-503  
T-503  
T-503

### FIRE RESISTANCE FOR TYPE 5-B

BEARING WALLS - EXTERIOR - 0 HOUR  
BEARING WALLS - INTERIOR - 0 HOUR  
STRUCTURAL FRAME - 0 HOUR  
FLOOR CONSTRUCTION - 0 HOUR  
ROOF CONSTRUCTION - 0 HOUR

T-601  
T-601  
T-601  
T-601  
T-601

### FIRE PARTITIONS

CORRIDOR FIRE PARTITION - 0 HR  
EXIT ACCESS NOT REQUIRED TO BE ENCLOSED  
FIRE ALARM AND DETECTION NOT REQUIRED

T-1018.1 (OCCUPANT LOAD LESS THAN 30)  
1022.1 EXCEPTION 1 (SECOND FLOOR AREA,  
NOT INCLUDING STAIRS & UNUSED ATTIC AREA = 886 SQ. FT.  
OCCUPANT LOAD SERVED BY STAIR = 9)  
907.2.2

### LIFE SAFETY CODE SUMMARY

NFPA 101 (2009) NOTES  
BUILDING OCCUPANCY: BUSINESS  
CONSTRUCTION TYPE: TYPE V(000)  
SQUARE FOOTAGE IS 2,693 SQ. FT.  
OCCUPANCY LOAD IS:  
3,579 (1ST+2ND) SQ.FT. / 100 GSF PER PERSON = 36 PERSONS  
EXIT REMOTENESS:  
DIAGONAL = 82'-10"  
1/2 DIAGONAL = 41'-5" MIN  
DISTANCE PROVIDED BETWEEN EXITS = 57'-0"  
OPEN STAIR PERMITTED 38.2.1.3.2  
DEAD END CORRIDORS SHALL NOT EXCEED 20' 38.2.5.2.1  
COMMON PATH OF TRAVEL SHALL NOT EXCEED 75' 38.2.5.3.3  
TRAVEL DISTANCE TO EXIT SHALL NOT EXCEED 200' 38.2.6.2  
EMERGENCY LIGHTING NOT REQUIRED 38.2.9.1  
FIRE ALARM SYSTEM NOT REQUIRED 38.3.4.1  
PORTABLE FIRE EXTINGUISHERS REQUIRED 38.3.5  
MAX TRAVEL DISTANCE TO EXTINGUISHERS IS 75 FT.