

# 501 DANFORTH

501 DANFORTH STREET  
 PORTLAND, MAINE

FOR CONSTRUCTION DECEMBER 9TH, 2013

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

## 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

<u>IBC-2009</u>	<u>CODE REFERENCE</u>
USE GROUP B (BUSINESS)	310
CONSTRUCTION TYPE 5-B	T-503
AREA = 2,693 SQ. FT.	
9,000sf. ALLOWED	T-503
HEIGHT = 2 STORIES, 28'	
2 STORIES, 40' ALLOWED	T-503
<u>FIRE RESISTANCE FOR TYPE 5-B</u>	
BEARING WALLS - EXTERIOR - 0 HOUR	T-601
BEARING WALLS - INTERIOR - 0 HOUR	T-601
STRUCTURAL FRAME - 0 HOUR	T-601
FLOOR CONSTRUCTION - 0 HOUR	T-601
ROOF CONSTRUCTION - 0 HOUR	T-601
<u>FIRE PARTITIONS</u>	
CORRIDOR FIRE PARTITION - 0 HR	T-1018.1 (OCCUPANT LOAD LESS THAN 30)
EXIT ACCESS NOT REQUIRED TO BE ENCLOSED	1022.1 EXCEPTION 1 (SECOND FLOOR AREA, NOT INCLUDING STAIRS & UNUSED ATTIC AREA = 886 SQ. FT. OCCUPANT LOAD SERVED BY STAIR = 9)
FIRE ALARM AND DETECTION NOT REQUIRED	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.