Inspections Division
Date: 12/30/13

# 501 DANFORTH

## 501 DANFORTH STREET
## PORTLAND, MAINE

## FOR CONSTRUCTION DECEMBER 9TH, 2013

ARCHITECT:
ARCHETYPE P.A.
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(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

| IBC–2009 | CODE REFERENCE |
|---|---|
| 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 |
| **FIRE RESISTANCE FOR TYPE 5–B** | |
| 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 |
| **FIRE PARTITIONS** | |
| 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.