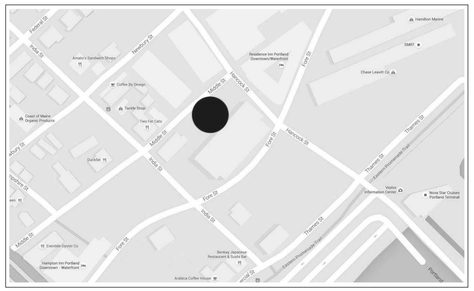
TILSON TECHNOLOGY FIT OUT

16 MIDDLE

16 MIDDLE ST
PORTLAND, MAINE



LOCATION MAP NOT TO SCALE

DRAWING LIST

A1.13	TILSON 3RD FLOOR FIT UP
A1.14	TILSON 4TH FLOOR FIT UP
A1.15	TILSON FIT UP WALL TYPES AND DOOR SCHEDULE
A1.16	DEDUCT ALTERNATE #1
ID.01	4TH FLOOR INTERIOR ELEVATIONS
E1.01	TILSON THIRD FLOOR LIGHITNG PLAN
E1.02	TILSON FOURTH FLOOR LIGHTING PLAN
E2.01	TILSON THIRD FLOOR POWER PLAN
E2.02	TILSON FOURTH FLOOR POWER PLAN
E2.03	TILSON ROOF ELECTRICAL PLAN
E3.01	TILSON ELECTRICAL NOTES LEGEND AND DETAILS
E3.02	TILSON PANEL SCHEDULES AND ONE LINE DIAGRAM
M1.01	TILSON HVAC 3RD FLOOR PLAN
M1.02	TILSON HVAC 4TH FLOOR PLAN
M1.03	TILSON PLUMBING 3RD FLOOR PLAN
M1.04	TILSON PLUMBING 4TH FLOOR PLAN
M1.05	TILSON DWV 3RD FLOOR PLAN AND PARTIAL 1ST FLOOR PLAN

3RD FLOOR LIGHTING CALCULATIONS
4TH FLOOR LIGHTING CALCULATIONS
DATA ELECTRICAL FURNIUTE DIAGRAM

CONTACTS

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RELEVANT CODES

NFPA 101

New Business Occupancy Chapter 38
Building construction is II (000) and I (332)
1st floor occupancies are **separated** from floors 2 - 5

1st Floor
Potential use for Buisiness, Assembly, Mercantile or Storage
Existing Use - For parking garage entry drive

2nd - 5th Floors
Business Use

Ordinary Hazard	38.1.5
Min. construction requirements	38.6

Occupant Load

1st Floor potential occupant load
Largest potential occupant load is from assembly use
2,228 sqft / 100 sqft/person = 22
4,456 sqft / 15 sqft/person = 297

2nd - 5th Floors occupant load
10,712 sqft / 100 sqft/person = 107

Means of egress shall be per Chapter 7	38.2
Stairs to comply w/7.2.3	38.2.2.3.1
Alternating tread devices permitted 38.2.2.11	
Area of refuge not required w/sprinkler	38.2.2.12.2
Capqcity of means of egress	
107 occupants x .3"/ft. = 32.1"	38.2.3.1
Min. corridor width = 44"	38.2.3.2
Street floor exits shall be sufficient for street floor loand plus stair load	38.2.3.3
2 exits accessible from every part of every story	38.2.4.1
Arrangement of means of egress	38.2.5
Exits at 1/3 diagonal	7.5.1.3.3
Dead ends = 50ft w/sprinkler	38.2.5.2.1
Common path = 100' w/sprinkler	38.2.5.3.2
Travel distance = 300' w/sprinkler	38.2.6.3
Emergency lighting required	38.2.9
Vertical openings = 2 hours	8.6.5
Interior finish	
Exits and exit access corridors Class A or B	38.3.3.2.1
Interior walls and ceilings Class C	38.3.3.2.1
Floor Finish	
In exits Class 1 or 2	38.3.3.3
Alarm required	38.3.4.1
Initiation by sprinkler	38.3.4.2(3)
Portable extinguishers required per 9	38.3.5
No corridor rating required w/sprinkler	38.3.6.1(3)