

ARCHITECTURAL CODE COMPLIANCE SUMMARY

IBC International Building Code 2009 (Amended per Maine Uniform Building and Energy Code - MUBEC)
 NFPA 101 Life Safety Code 2009 Edition
 IEBC 2009 (Amended per Maine Uniform Building and Energy Code - MUBEC)
 Portland City Code, Chapter 10, Fire Prevention and Protection

Project Summary:
 Interior renovation of the employee area (office, break room and locker room) of the Ecomaine Recycling Facility. The employee area occupies less than 10% of the floor area, and is separated from the recycling building by 12" CMU walls.

Existing Building Summary:
 Occupancy Group: IBC 2009
 NFPA 101
 Separation of Occupancies: Construction Type
 Floor Area
 Building Height
 Level of Exit Discharge
 NPFA 13 compliant sprinkler system

Factory Industrial Group F-1 with Group B Business Accessory Occupancy (less than 10% of floor area) Business (as an incidental to Industrial) Not required for Accessory Occupancy IBC II B (assumed) 1,450 s.f. (renovated) 13ft. 1st floor

Proposed New Project Summary
 Occupancy Group
 Construction Type
 Floor Area
 Sprinkler system to be re-worked to maintain proper coverage

Group B Business (no change of use) II B (new walls to be metal stud) 1,450 s.f.

Means of Egress
 Maximum Travel Distance to Exit: IBC 2009 and NFPA 101
 Actual Travel Distance to Exit
 Maximum Common Path of Travel
 Actual Maximum Common Path of Travel
 Maximum Dead End Length

300 feet (with sprinkler system)
 66 feet
 75 feet
 66 feet
 Less than 50 ft.

Occupant Load
 Load Factors:
 Calculated Load:

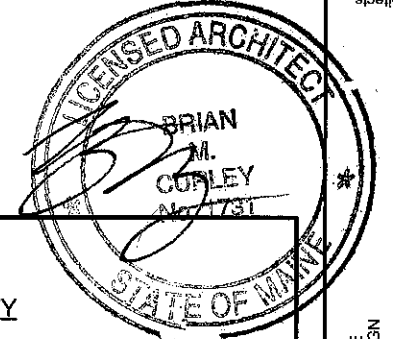
Business - 100 gross s.f. / person
 Break Room - 15 net s.f. / person
 Locker Room - 50 gross s.f. / person
 Business - 15
 Break Room - 30
 Locker Room - 6

No. of Exits Existing
 1 (existing, direct discharge to outside)

No. of Exits Permitted
 1, per IBC 1021.2 and NFPA 101 39.2.4.3

CODE PLAN LEGEND:

EGRESS		LIFE SAFETY	
---	TRAVEL DISTANCE TO EXIT	○ F.E.	WALL-MOUNTED FIRE EXTINGUISHER
E	EXIT DISCHARGE OR EXIT FROM A FLOOR	⊗	WALL-MOUNTED FIRE EXTINGUISHER
#→	DOOR EGRESS TAG	☐	EMERGENCY LIGHT / EXIT SIGN
		□	FIRE HORN / STROBE



Ecomaine - Renovation of Office/Break Area
 64 Blueberry Road, Portland, ME 04102

SHEET
A005

JOB # 12122
 DATE 09/06/13
 SCALE As Indicated

TITLE
CODE ANALYSIS

ARCHITECTURE
INTERIOR DESIGN
PLANNING

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