NFPA LEGEND

- EXIT LIGHT
- FIRE EXTINGUISHER w/ BRACKET
- FIRE EXTINGUISHER w/ SEMI-RECESSED CABINET
- EMERGENCY LIGHT
- SMOKE DETECTOR w/ AUDIBLE BASE
- KNOX BOX
- ANNUNCIATOR PANEL

OCCUPANT LOADS

NFPA 101 LIFE SAFETY (2012 ED.)	258 (BULK AREA)
IBC (2012 ED)	258 (OCC. TABLE) 1004.11

CODE COMPLIANCE PLAN

SCALE: 1/8" = 1'-0"

NOTES:

1. KNOX BOX LOCATION SHALL BE VERIFIED BY THE AHJ.
2. ANNUNCIATION PANEL LOCATION SHALL BE VERIFIED w/ THE AHJ.
3. ALARM SYSTEM SHALL BE INTERCONNECTED THROUGHOUT BUILDING.
4. REFER TO SHEET A4 FOR ACCESSIBILITY DETAILS & NOTES.

CODE ANALYSIS

NFPA 101 LIFE SAFETY CODE - 2012 Edition

Building Classification:	9,900 sf Total - Assembly (6,900 sf) & Storage (3,000 sf)
Construction Type:	II/000
Hazard Classification:	Ordinary Hazard
Occupant Loads:	Meeting/Flex @ 15 sf/occupant = 165
	Exercise Room (cardio) @ 15 sf/occupant = 32
	Exercise Room (equipment) @ 50 sf/occupant = 30
	Lockers @ 50 sf/occupant = 24
	Storage/Custodial @ 500 sf/occupant = 6
	Total Occupant Load = 258
Separation of Use Rating:	1 hour
Janitor, Mech, Stor Rating:	1 hour if over 100 sf
Minimum Headroom:	7'-6" at occupied areas

Building Uses	Assembly/Storage
Max. Allowable Travel Distance:	200'
Max. Allowable Common Path:	75'
Max. Dead End Corridor Length:	20'
Minimum Egress Corridor Width:	44"
Minimum Number of Required Exits	2
Minimum Exit Access Corridor rating:	1 hr
Separation of exits:	0.5 diagonal distance = 94'
Minimum Egress Door Width:	36"
Exit Lighting:	Required
Emergency Lighting:	Required
Fire Alarm System:	Not Required
Fire Sprinkler System:	Not Required
Portable Fire Extinguishers:	Required

2009 INTERNATIONAL BUILDING CODE

Use Group Classification:	9,900 sf Total - A-3 @ 6,900 sf / S-2 @ 3,000 sf
Occupant Loads:	Meeting/Flex @ 15 sf/occupant = 165
	Exercise Room (cardio) @ 15 sf/occupant = 32
	Exercise Room (equipment) @ 50 sf/occupant = 30
	Lockers @ 50 sf/occupant = 24
	Storage/Custodial @ 500 sf/occupant = 6
	Total Occupant Load = 258
Area Use Separation Ratings:	1 hour
Janitor, Mech & Storage Rooms:	1 hour if over 50 sf but under 100 sf

Building Limitations

Construction Type:	2B
Maximum Height:	2 story @ A-3 / 3 story @ S-2
Maximum Area / Floor:	9,500 sf @ A-3 / 26,000 sf @ S-2

Fire Resistance Ratings

Structural Frame	None
Load Bearing Exterior Walls:	None
Load Bearing Interior Walls:	None
Roof/Floor Structure	None
Exit Corridors:	1 hour

Minimum Number of Exits:	2
Maximum Exit Travel Distance:	200' @ A-3 / 300' @ S-2
Maximum Dead End Corridor Length:	20'
Maximum Common Travel Path:	75'
Minimum Corridor Width:	44"
Fire Alarm/Detection System:	Not Required
Fire Sprinkler System:	Not Required
Portable Fire Extinguishers:	Required
Exit Lights	Required
Emergency Lighting	Required

Building Live Loads

Assembly:	100 psf
Corridors:	80 psf
Light Storage:	125 psf

MUBEC (Maine Uniform Building Energy Code) MINIMUM INSULATION VALUES
Per 2009 IECC; Table 502.1.2, 502.2(1) and 502.3

ZONE 6A	R-VALUE	U-FACTOR	SHGC
Exterior wall	20.5	0.049	NA
Roof (above deck)	20.0	0.048	NA
Slab (24" band)	15.0	0.052	NA
Frost Wall	7.5	0.133	NA
Doors - Opaque	2.0	0.50	NA
Doors - Glazed	1.25	0.80	NR
Windows	2.9	0.35	NR
Storefront	2.2	0.45	NR

Reviewed for Code Compliance
Inspection Services
Portland, Maine
Date: 10/15/15

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SEAL

REVISIONS
1 8.26.15 DOORS 101, 102, 103 & 109

DRAWING NAME
TENANT IMPROVEMENTS
DEERFIELD 91 INDUSTRIAL LLC
81 INDUSTRIAL WAY
PORTLAND, MAINE

SHEET
CODE COMPLIANCE PLAN

DATE 27 JUL '15
SCALE 1/8"=1'-0"
DRAWN MFH/mgk
JOB NO. 150791
SHEET A1

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