

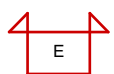



-  PULL STATION
-  FIRE EXTINGUISHER
-  EXIT SIGN ALUM. FINISH. DUAL POWERED W/ EML
-  EMERGENCY LIGHTING (REMOTE HEADS) BRUSHED ALUM. FINISH

**1** BASEMENT LEVEL EGRESS PLAN  
SCALE: 3/16" = 1'-0"



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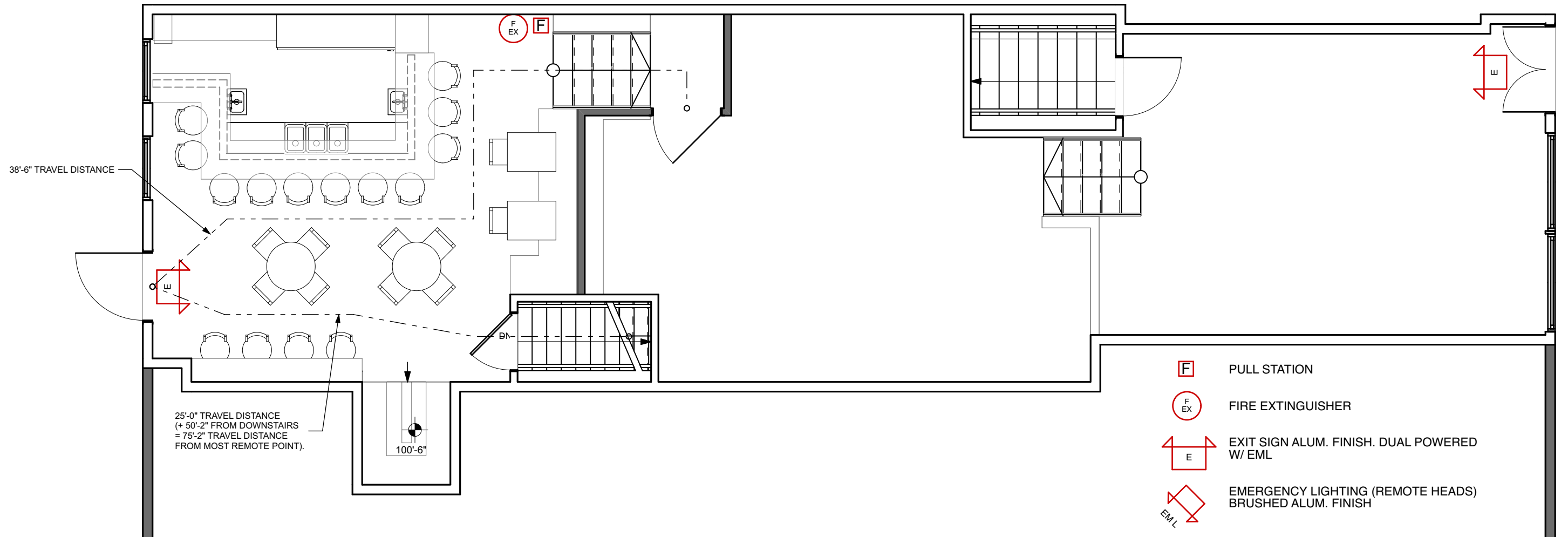
102 EXCHANGE STREET  
PORTLAND, ME 04101  
207-842-2888  
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**Blyth & Burrows**

26 Exchange Street  
Portland, ME 04101

PHASE:	SCHEMATIC DESIGN
SCALE:	3/16" = 1'-0"
DATE:	10/20/2016
REVISED:	

BASEMENT LEVEL  
EGRESS PLAN  
**AE-1.1**



# 1 MAIN LEVEL EGRESS PLAN

SCALE: 3/16" = 1'-0"



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MAIN LEVEL EGRESS  
PLAN  
**AE-1.2**

Code Summary	Blyth & Burrows
Project address:	26 Exchange St. Portland ME
Project type:	Interior Renovation, Restaurant
Square Foot	1,340 SF
Building code:	NFPA 101 2009
	IBC 2009
	Maine Human Rights Commission

NFPA	ALLOWED BY CODE	CODE REF.	PAGE	AS DRAWN
Occupancy	Existing Mercantile	3.3.178.9 & 6.1.10.1 A.3.3.178.2 & .9	101-41	
Separation	Mercantile to Apartment Bldg = 2 Hour	Table 6.1.14.4.1(b)	101-45	1 HR
	Mercantile to Apartment Bldg = 1 Hour with Sprinklers			1 HR
Exit Access Corridor	Occupant load > 30 = 1 Hour exit access corridors	7.1.3.1	101-44	1 HR
Exits	1 Hour Fire Resistance for 3 Stories or less Structural elements that support exit components & penetrate or are installed within a rated wall assembly protected per 7.1.3.2.1 (1) & (2)	7.1.3.2.1 (1) 7.1.3.2.1 (5)	101-44	1 HR
Headroom	Headroom in existing means of egress = 7'-0" min (proj. 6'-8") Headroom in existing spaces = 7'-0" min (1/3 max may be 6'-8") Headroom in stairs = 6'-8" min	7.1.5.1 7.1.5.2 7.1.5.3	101-46	> 7'-0" at all points
Door Openings	Door leaf in means of egress min width = 32" minimum	7.2.1.2.3.2	101-48	32" min all doors
Existing Stairs	Min Width = 36" (< 2,000 occupants) Max height of risers = 8" Min tread depth = 9" Min headroom = 6'-8"	Table 7.2.2.2.1.1 (b)	101-55	43" width 7" risers 9" treads 6'-8" headroom
Guards & Handrails	Stairs & ramps handrails both sides Handrail within 30" of all portions of egress width Handrails continue full length of stairs, continuous on inside face Handrail continue 12" horz beyond top riser & slope 1 tread beyond bottom riser Guards = 42" min	7.2.2.4.1.1 7.2.2.4.1.2 (1) 7.2.2.4.2 7.2.2.4.4.10 7.2.2.4.5.2	101-56 101-57	
Ramps	Ramps in means of egress = 44" W, 1:12 slope, 30" max rise	Table 7.2.5.2 (a)	101-63	N/A
Occupant Load	Mercantile Use: sales area on street floor and below street= 30 sf/per Kitchens = 100 sf/person	Table 7.3.1.2 Table 7.3.1.2	101-70	1080 SF / 30 = 36 Public Occupants 260 SF / 100 = 2 Kitchen Occupants Total
# Means of Egress	2 means of egress except as under Chapter 11 -> 43 Existing Mercantile allows one means of egress	7.4.1	101-72	1 Means of Egress Provided
Number of Exits	Existing Mercantile Occupancies Existing Mercantile allows one means of egress	37.2.4.1 = Per 7.4 13.2.4.2 = per 37.2.5.3	101-287 101-288	1 Means of Egress provided
Arrangement of Means of Egress	Common Path of Travel = 100-0 Max w/ sprinkler Dead end corridors < 50' w/ sprinkler	37.2.5.3.1 13.2.5.6.2	101-288 101-288	76' Max 28' Max
Exit Access Travel Distance	Mercantile: With sprinkler - 250' max from any point to nearest exit	37.2.6.1	101-288	76' Max
Commercial Cooking Equipment	Protected per NFPA 96, Standard for Commercial Cooking Operations	37.3.2.3 per 9.2.3	101-289	

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NFPA 101 CODE  
SUMMARY

**AE-1.3**