



Lisa Whited  
 Chief Transformation Officer  
 207.329.2189 lisa@workplaceetf.com

Michael Barton  
 Value and Constructability Analyst  
 207.939.5432 michael@workplaceetf.com

Robert Brohu  
 Creative Direction + Branding  
 207.459.5494 robert@workplaceetf.com

Josef Chalata  
 Maine Licensed Architect  
 207.318.3234 AzimuthBlu@gmail.com

**Project:**

CIEE  
 Council on International Educational Exchange  
 (Custom House Square Office Building)  
 Renovations  
 Basement  
 1st Floor  
 2nd Floor  
 3rd Floor

300 Fore Street, Portland  
 Maine  
 CBL: 029 K00601A  
 Zoning District:  
 B3 Downtown Business Zone

**Owner/Tenant:** CIEE  
 261 Commercial Street  
 Portland Maine, 04101

**Owner/Tenant Contact:**  
 Anthony Newton, Facilities Manager  
 207.632.1825

**PC Construction,**  
 Construction Manager  
 131 Presumpscot Street  
 Portland, ME 04103  
 Contact: Jared Ballard  
 207.874.2323 x106  
 jballard@pcconstruction.com

**Date:**  
 10/8/2015  
**Permit:** 1st floor, basement

Sheet **1st Floor**  
 travel distances  
 occupant loads  
 egress capacity

Sheet Number

**ref.2**

**Egress Capacity at floor level based on widths of components**

Exit #1:  
 Door clear width = 69", 69/2 = 345 people

Exit #2:  
 Door clear width = 69", 69/2 = 345 people

Stair #2:  
 Stair clear width = 44", 44/3 = 146 people  
 Door clear width = 33", 33/2 = 165 people

floor capacity determined by loss of 1 exit required to serve half of total occupant load:

Half the capacity = 146x345 = 491  
 Occupant load capacity at floor = 491x2 = 982

Occupant Load, based on actual number of occupants per IBC 1004.2 and NFPA 7.3.1.3.1

Room	Area	Occpnts	Load
Meeting room:	746	49	1 per 15
Storage 102	85	1	
Event Space	2539	362	1 per 7
Stage	283	18	1 per 15
Green Room	85	3	actual use
Lobby and Display:	1803	257	1 per 7
Lobby Cafe:	890	59	1 per 15
Reception	100	2	actual use
AV Room and Storage	222	3	actual use
Catering Kitchen	279	5	actual use
Event Storage	266	1	1 per 300
Mail Room:	134	2	actual use
Facilities Office:	230	4	actual use

Total 1st Floor Design Load: 760 Occupants

Event Space Seating  
 Number of Unsecured Chairs per NFPA 12.7.9.2.2  
 2539/15 = 169

**Travel Distances (NFPA Table 1.7.6)**

Distances are for sprinklered occupancies:

Occupancy	Common path:	Dead End:	Travel Distance
Assembly	75'	Occupant load less than 50	200'
Business	100'	50'	300'
Storage, Ordinary (S-1)	100'	100'	400'

