

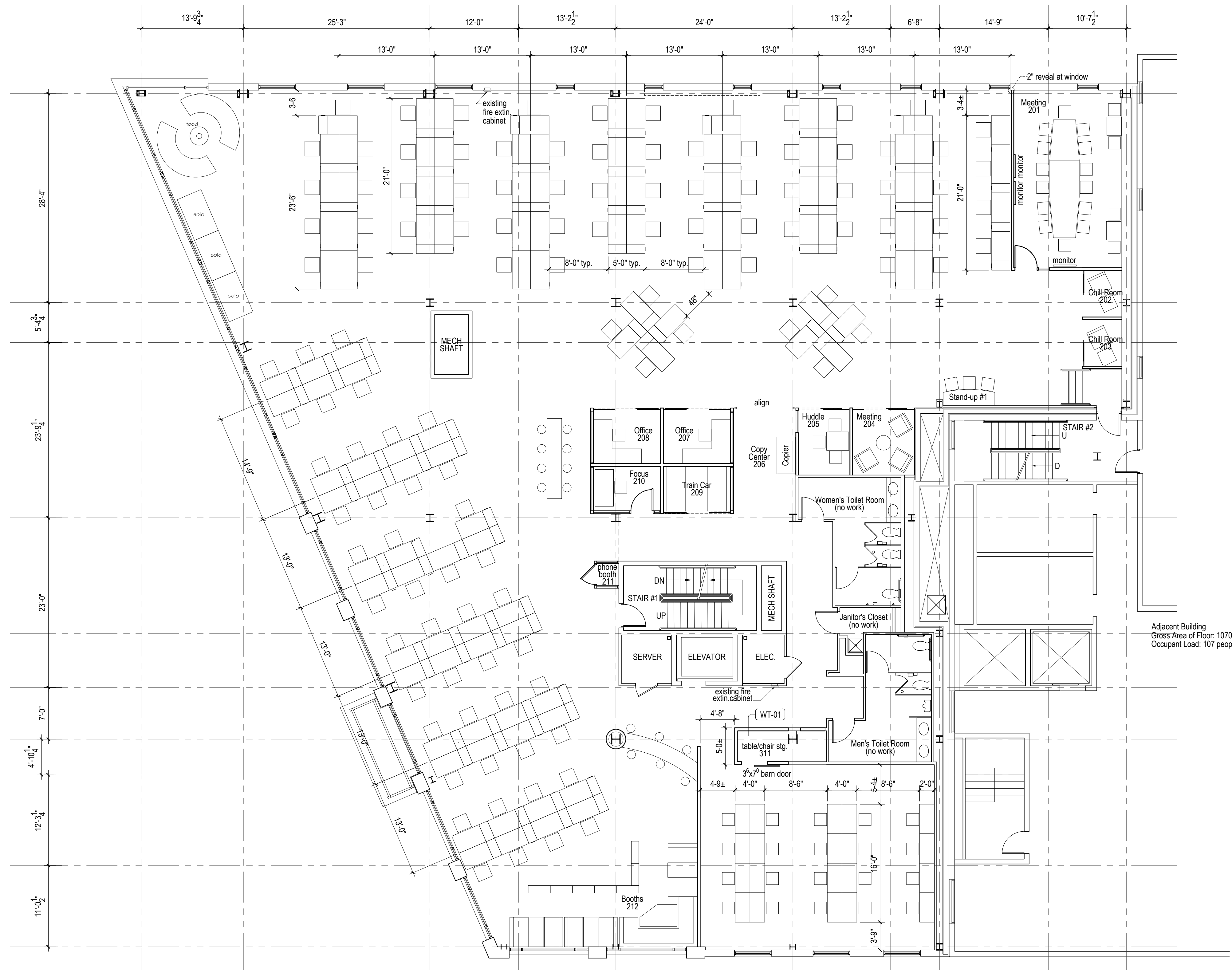


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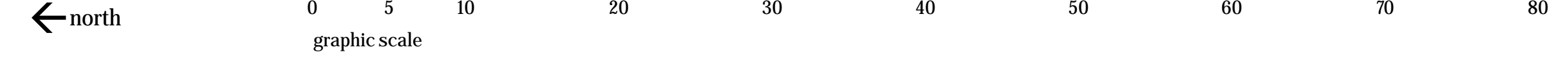
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2nd Floor Occupant Load Calculations

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



Egress Capacity at floor level based on widths of components

Stair #1:
 Stair clear width = 44", 44/3 = 146 people
 Door clear width = 33", 33/2 = 165 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 of occupant load at floor shall be 146
 Occupant load capacity at floor = 292

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

Meeting rooms 1 per 15 sf
 Meeting room 201: 350sf = 23
 Total Meeting Room Occupants: 23

Employee Work Stations: 139
 One (1) Occupant per station = 139 Occupants

Informal variable use work stations: 34
 One (1) Occupant per station = 34 occupants

Total Number of Occupants 2nd Floor: 196

Project:
 CIEE
 Council on International Educational Exchange
 (Custom House Square Office Building)
 Tenant Improvements to 2nd & 3rd floors

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
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Date: 8/2/2015
Purpose: City of Portland Permit

Sheet Title:
 2nd Floor
 Occupant Load

Sheet Number:

Ref-3