

Medium Floor Plate	Additional Fire Safety Exit Stair	25% Fire Safety Exit Stair Width Increase
<p>Scenario 1: Medium (OFFICE)</p> <p>Location: Midtown Manhattan</p> <p>Height: 588' (> 420')</p> <p>Stories: 42</p> <p>Dimensions of Lowest Story: 100' x 190'</p> <p>Dimensions of Highest Story: 78' x 150'</p> <p>Gross Floor Area: 557,100 sf</p>	<p>Floor space for one 44" wide stair = 184 sf (as per attached drawing)</p> <p>Final # of stories = 42 + 1* = 43 stories</p> <p><i>*Additional story to accommodate exempted square footage.</i></p> <p>184 sf per story x 43 stories = 7,912 sf</p> <p>Area of highest story = 78' x 150' = 11,700 sf</p> <p>7,912 sf / 11,700 sf = 0.68 additional story</p> <p>The proposed action results in 7,912 square feet added to the bulk of the 557,100 square foot building, which is 1.4% of the original building's floor area or less than ¾ of an additional story.</p>	<p>25% increase in stair width = 52 sf (as per attached drawing)</p> <p>52 sf x 2 (stairways, required) = 104 sf</p> <p>Final # of stories = 42 + 1* = 43 stories</p> <p><i>*Additional story to accommodate exempted square footage.</i></p> <p>104 sf per story x 43 stories = 4,472 sf</p> <p>Area of highest story = 11,700 sf</p> <p>4,472 sf / 11,700 sf = 0.38 additional story</p> <p>The proposed action results in 4,472 square feet added to the bulk of the 557,100 square foot building, which is 0.8% of the original building's floor area or less than ½ of an additional story.</p>