

Minimum Bracing Lengths for Walls
Comm Table 21.25-H
(Intermittent Method)

Length of Braced Wall Line (Ft.)	Minimum Length of Braced Wall Panel in Braced Wall Line (Ft.), [Ft. – Inches] ^{1,2}					
	Wall Height (Ft.)					
	Up to 10'	>10' & ≤ 12' ³	Up to 10'	>10' & ≤ 12' ³	Up to 10'	>10' & ≤ 12' ³
	16%	19.2%	25%	30%	35%	42%
20	3.2 [3 – 3]	3.84 [3 – 10]	5 [5 – 0]	6 [6 – 0]	7 [7 – 0]	8.4 [8 – 5]
25	4 [4 – 0]	4.8 [4 – 10]	6.25 [6 – 3]	7.5 [7 – 6]	8.75 [8 – 9]	10.5 [10 – 6]
30	4.8 [4 – 10]	5.76 [5 – 10]	7.5 [6 – 6]	9 [9 – 0]	10.5 [10 – 6]	12.6 [12 – 8]
35	5.6 [5 – 8]	6.72 [6 – 9]	8.75 [8 – 9]	10.5 [10 – 6]	12.25 [12 – 3]	14.7 [14 – 9]
40	6.4 [6 – 5]	7.68 [7 – 9]	10 [10 – 0]	12 [12 – 0]	14 [14 – 0]	16.8 [16 – 10]
45	7.2 [7 – 3]	8.64 [8 – 8]	11.25 [11 – 3]	13.5 [13 – 6]	15.75 [15 – 9]	18.9 [18 – 11]
50	8 [8 – 0]	9.6 [9 – 8]	12.5 [12 – 6]	15 [15 – 0]	17.5 [17 – 6]	21 [21 – 0]
55	8.8 [8 – 10]	10.56 [10 – 7]	13.75 [13 – 9]	16.5 [16 – 6]	19.25 [19 – 3]	23.1 [23 – 2]
60	9.6 [9 – 8]	11.52 [11 – 7]	15 [15 – 0]	18 [18 – 0]	21 [21 – 0]	25.2 [25 – 3]
65	10.4 [10 – 5]	12.48 [12 – 6]	16.25 [16 – 3]	19.5 [19 – 6]	22.75 [22 – 9]	27.3 [27 – 4]

Footnotes:

¹ Based on Table 21.25-H

² Values based on braced wall line spacing of up to 35 feet. For braced wall line spacing's greater than 35 feet, multiply the values in the table by a factor of actual braced wall line spacing divided 35. In no case shall the braced wall line spacing be more than 50 feet. See s. Comm 21.25(8)(e)2.

³ In accordance with Footnote 4 of Table 21.25-H, the percent values of Table 21.25-H are increased by 20%. The braced wall height may not exceed 12 feet.