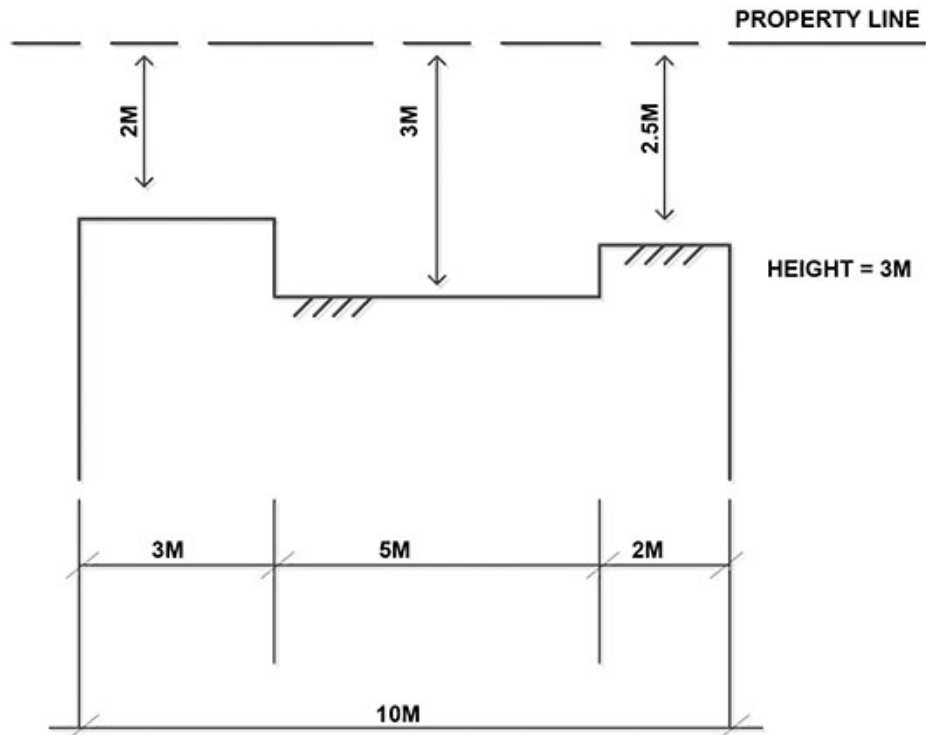# Spatial Separation between Houses

In applying OBC Division B, Sentences 9.10.15.4 (1) and (2), the following example illustrates two methods of calculating allowable glazed area and the different results that can be obtained.

PROPERTY LINE

2M   3M   2.5M

HEIGHT = 3M

3M   5M   2M

10M

NOTE: LIMITING DISTANCE TO BE MEASURED PERPENDICULAR TO THE EXTERIOR WALL OF THE BUILDING.

Method 1
OBC 9.10.15.4 (1)
- Limiting Distance (Ld).. 2M
- Area of Exposed Building Face................................ 10 x 3 = 30 SQM
- Table 9.10.15.4 (With Area = 30 SQM, Ld = 2M) Allowable Percentage of Glazed Openings = 12%
- Allowable Glazed Area = 3.6 SQM

Method 2
OBC 9.10.15.4 (2)

(Wall Area 1)
- Limiting Distance (Ld).. 2M
- Area of Exposed Building Face................................ 3x3 = 9 SQM
- Table 9.10.15.4 (With Area=30 SQM, Ld =2.0M), Allowable Percentage of Glazed Openings = 12%
- Allowable Glazed Openings (Wall Area 1) 9 SQM@ 12% = 1.08 SQM

(Wall Area 2)
- Limiting Distance (Ld).. 3M
- Area of Exposed Building Face................................ 3 x 5 = 15 SQM
- Table 9.10.15.4 (With Area = 30 SQM, Ld = 3M), Allowable Percentage of Glazed Openings = 23%
- Allowable Glazed Openings (Wall Area 2) 15 SQM @ 23% = 3.45 SQM

(Wall Area 3)
- Limiting Distance (Ld).. 2.5M
- Area of Exposed Building Face................................ 2x3 = 6 SQM
- Table 9.10.15.4 (With Area = 30 SQM, Ld = 2.5M) Allowable Percentage of Glazed Openings = 17%
- Allowable Glazed Openings (Wall Area 3) 6 SQM @ 17% = 1.02 SQM

Total Glazed Area
= Wall Area 1 + Wall Area 2 + Wall Area 3
= 1.08 + 3.45 + 1.02
= 5.55 SQM

Summary

Method 1   Maximum Allowable Area of Glazed Openings = 3.6 SQM

Method 2   Maximum Allowable Area of Glazed Openings = 5.55 SQM

Table 9.10.15.4.
Maximum Area of Glazed Openings in Exterior Walls of Houses
Forming Part of Sentences 9.10.15.4.(1) and (2)

Maximum Total Area of Exposing Building Face, m²	Maximum Aggregate Area of Glazed Openings, % of *Exposing Building Face* Area													
	Limiting Distance, m													
	Less than 1.2	1.2	1.5	2	2.5	3	4	6	8	10	12	16	20	25
10	0	8	12	21	33	55	96	100	—	—	—	—	—	—
15	0	8	10	17	25	37	67	100	—	—	—	—	—	—
20	0	8	10	15	21	30	53	100	—	—	—	—	—	—
25	0	8	9	13	19	26	45	100	—	—	—	—	—	—
30	0	7	9	12	17	23	39	88	100	—	—	—	—	—
40	0	7	8	11	15	20	32	69	100	—	—	—	—	—
50	0	7	8	10	14	18	28	57	100	—	—	—	—	—
100	0	7	8	9	11	13	18	34	56	84	100	—	—	—
Over 100	0	7	7	8	9	10	12	19	28	40	55	92	100	—
Column 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15